

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072404.D
 Acq On : 24 Mar 2022 13:32
 Operator : VA/SY
 Sample : N1645-01 4.0ppb
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 25 03:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 03:45:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	342052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210833	55.308	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.620%		
35) Dibromofluoromethane	7.908	113	202442	49.861	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.720%		
50) Toluene-d8	10.338	98	696970	46.947	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.900%		
62) 4-Bromofluorobenzene	12.626	95	269546	46.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	11526	3.643	ug/l	91
3) Chloromethane	2.209	50	10987	3.908	ug/l	96
4) Vinyl Chloride	2.350	62	10978	4.045	ug/l	96
5) Bromomethane	2.773	94	8635	4.887	ug/l #	76
6) Chloroethane	2.920	64	7855	4.378	ug/l	93
7) Trichlorofluoromethane	3.268	101	22860	3.730	ug/l	94
8) Diethyl Ether	3.709	74	8025	4.741	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	15720	4.023	ug/l	97
10) Methyl Iodide	4.303	142	10695	3.423	ug/l #	96
11) Tert butyl alcohol	5.232	59	6033m	27.296	ug/l	
12) 1,1-Dichloroethene	4.073	96	12677	4.033	ug/l #	71
13) Acrolein	3.920	56	4516	22.898	ug/l #	81
14) Allyl chloride	4.714	41	22475	4.089	ug/l	95
15) Acrylonitrile	5.420	53	20383	23.867	ug/l	99
16) Acetone	4.156	43	22460	27.137	ug/l	90
17) Carbon Disulfide	4.409	76	16373	2.554	ug/l	99
18) Methyl Acetate	4.720	43	12196	6.013	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	36977	4.328	ug/l	95
20) Methylene Chloride	4.962	84	39238	7.888	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	12539	3.606	ug/l	95
22) Diisopropyl ether	6.361	45	54145	4.319	ug/l	95
23) Vinyl Acetate	6.303	43	127976m	20.002	ug/l	
24) 1,1-Dichloroethane	6.267	63	31503	4.261	ug/l	98
25) 2-Butanone	7.208	43	27904	25.286	ug/l	92
26) 2,2-Dichloropropane	7.203	77	26098	3.912	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	18613	4.193	ug/l	94
28) Bromochloromethane	7.544	49	9355	3.143	ug/l	86
29) Tetrahydrofuran	7.561	42	14964	23.061	ug/l	97
30) Chloroform	7.714	83	34797	4.418	ug/l	93
31) Cyclohexane	7.985	56	25042	4.205	ug/l #	59
32) 1,1,1-Trichloroethane	7.903	97	28882	4.128	ug/l	98
36) 1,1-Dichloropropene	8.114	75	19911	3.496	ug/l	98
37) Ethyl Acetate	7.285	43	10374	4.158	ug/l #	90
38) Carbon Tetrachloride	8.091	117	23658	3.654	ug/l	97
39) Methylcyclohexane	9.350	83	18808	2.934	ug/l	90
40) Benzene	8.350	78	63507	3.908	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	7993	5.496	ug/l #	27
42) 1,2-Dichloroethane	8.420	62	21604	4.383	ug/l	98
43) Isopropyl Acetate	8.444	43	22010	4.545	ug/l	93
44) Trichloroethene	9.108	130	17061	3.740	ug/l	87
45) 1,2-Dichloropropane	9.385	63	19040	4.272	ug/l	96
46) Dibromomethane	9.473	93	9270	4.229	ug/l	97
47) Bromodichloromethane	9.661	83	27531	4.308	ug/l	97
48) Methyl methacrylate	9.450	41	10412	4.503	ug/l	95
49) 1,4-Dioxane	9.455	88	2448	93.124	ug/l #	73
51) 4-Methyl-2-Pentanone	10.220	43	57105	22.452	ug/l	97
52) Toluene	10.397	92	41112	3.845	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	22320	3.823	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	26775	3.967	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	16898	5.060	ug/l	89
56) Ethyl methacrylate	10.655	69	16432	4.201	ug/l	96
57) 1,3-Dichloropropane	10.938	76	25063	4.472	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	23358	13.282	ug/l #	88
59) 2-Hexanone	10.979	43	41120	23.407	ug/l	94
60) Dibromochloromethane	11.132	129	18672	4.309	ug/l	98
61) 1,2-Dibromoethane	11.238	107	12918	4.281	ug/l	97
64) Tetrachloroethene	10.867	164	14379	3.819	ug/l	95
65) Chlorobenzene	11.661	112	47766	4.032	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	19503	4.163	ug/l	99
67) Ethyl Benzene	11.738	91	76481	3.614	ug/l	97
68) m/p-Xylenes	11.844	106	55605	6.920	ug/l	98
69) o-Xylene	12.173	106	28441	3.701	ug/l	92
70) Styrene	12.191	104	48748	3.632	ug/l	95
71) Bromoform	12.349	173	10495	4.194	ug/l #	96
73) Isopropylbenzene	12.473	105	77104	3.630	ug/l	99
74) N-amyl acetate	12.279	43	21629	4.739	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	19133	5.037	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	11948m	4.041	ug/l	
77) Bromobenzene	12.755	156	19847	4.152	ug/l	97
78) n-propylbenzene	12.814	91	97246	3.770	ug/l	100
79) 2-Chlorotoluene	12.896	91	57864	3.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	68427	3.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	4735	3.974	ug/l	94
82) 4-Chlorotoluene	12.996	91	61943	4.010	ug/l	99
83) tert-Butylbenzene	13.214	119	57554	3.598	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	67327	3.745	ug/l	99
85) sec-Butylbenzene	13.390	105	86202	3.588	ug/l	98
86) p-Isopropyltoluene	13.508	119	70100	3.546	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	40438	4.036	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	43529	4.382	ug/l	96
89) n-Butylbenzene	13.832	91	68119	3.615	ug/l	99
90) Hexachloroethane	14.102	117	15215	3.927	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	35770	4.095	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3090	5.097	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	22281	3.853	ug/l	99
94) Hexachlorobutadiene	15.249	225	13790	4.099	ug/l	95
95) Naphthalene	15.385	128	37976	3.810	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.579	180	19757	3.947	ug/l	98

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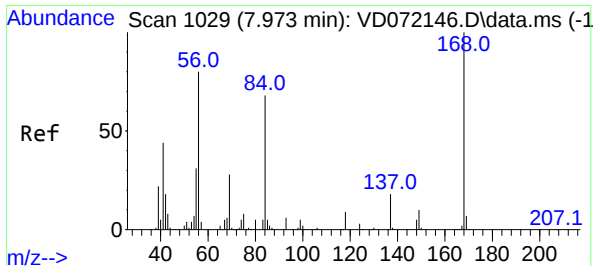
Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



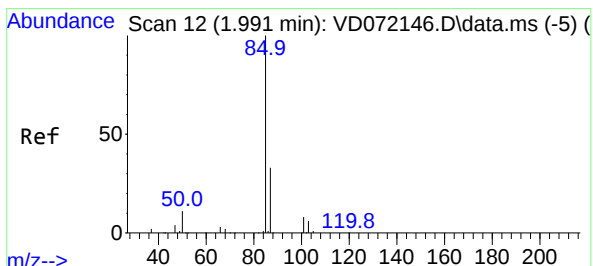
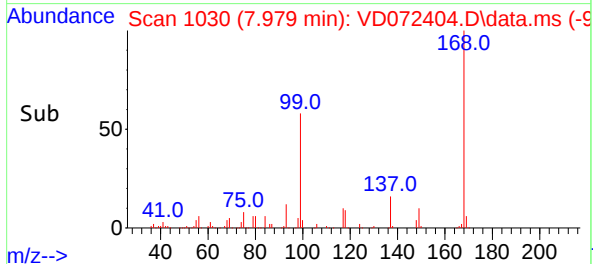
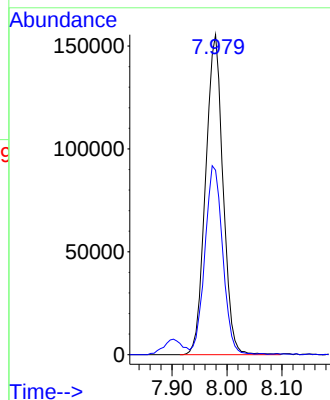
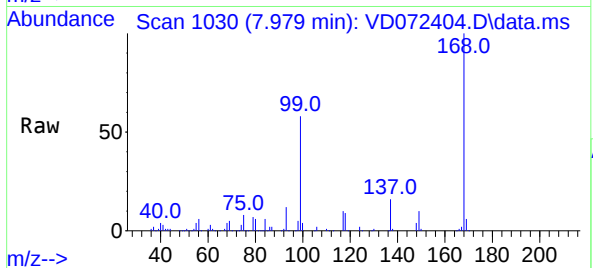
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072404.D
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:168 Resp: 342052
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6

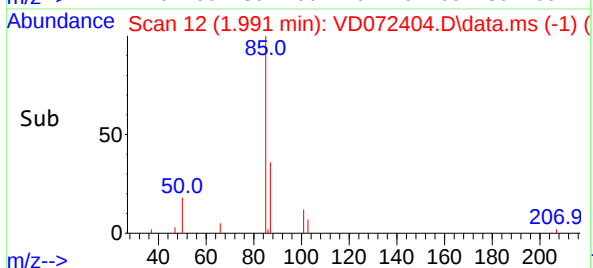
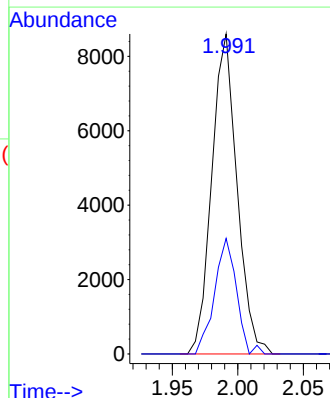
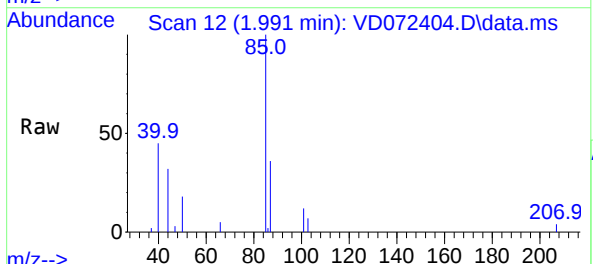
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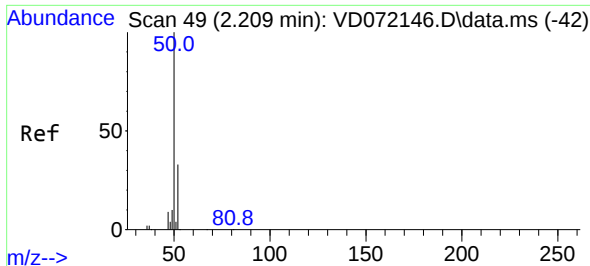
Reviewed By :John Carlone 03/25/2022
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Dichlorodifluoromethane
Concen: 3.643 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

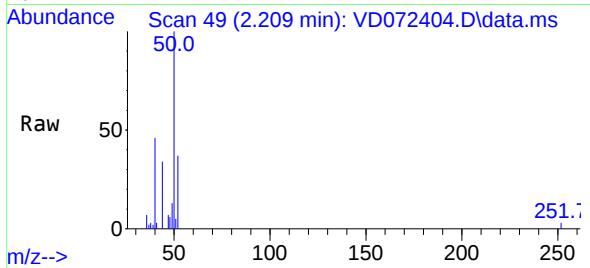
Tgt Ion: 85 Resp: 11526
Ion Ratio Lower Upper
85 100
87 36.1 15.7 47.0





#3
Chloromethane
Concen: 3.908 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

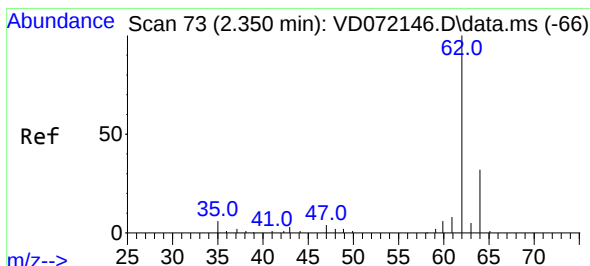
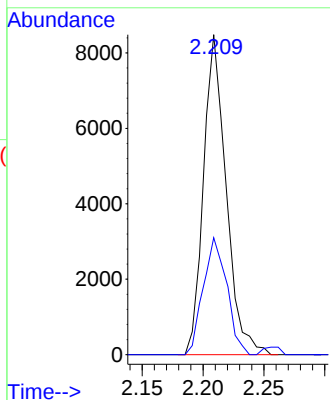
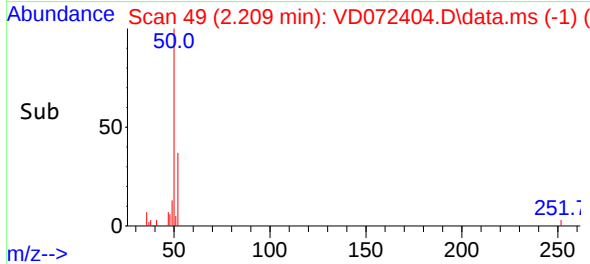
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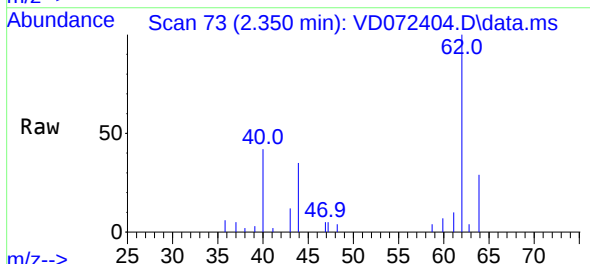
Tgt Ion: 50 Resp: 1098
Ion Ratio Lower Upper
50 100
52 36.6 27.4 41.0

Manual Integrations
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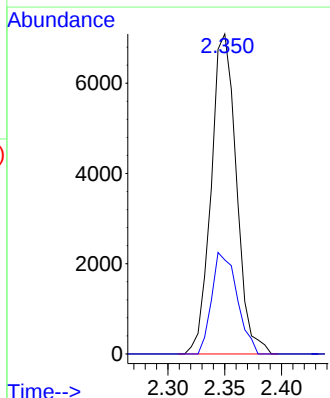
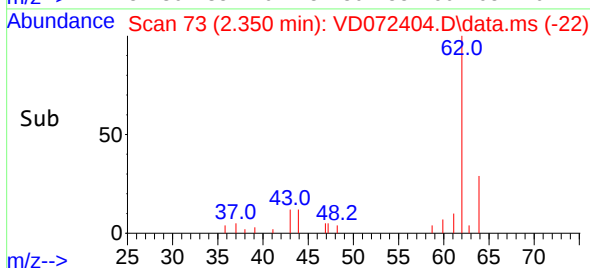
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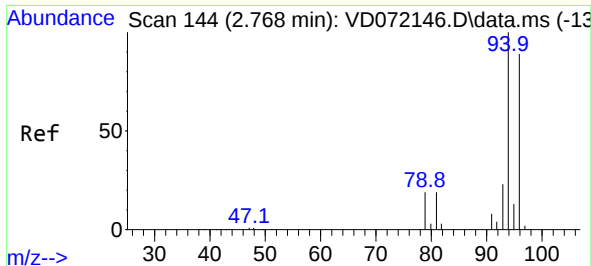


#4
Vinyl Chloride
Concen: 4.045 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



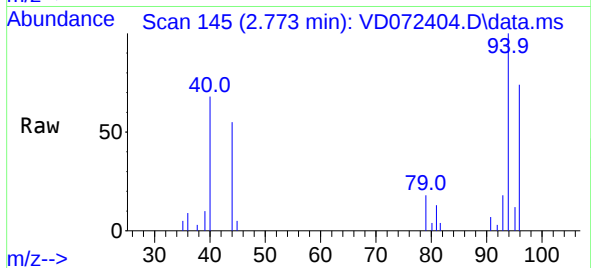
Tgt Ion: 62 Resp: 10978
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.0





#5
Bromomethane
Concen: 4.887 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

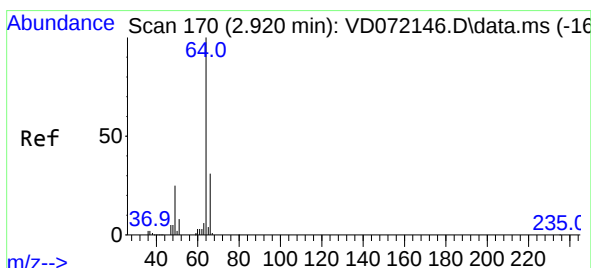
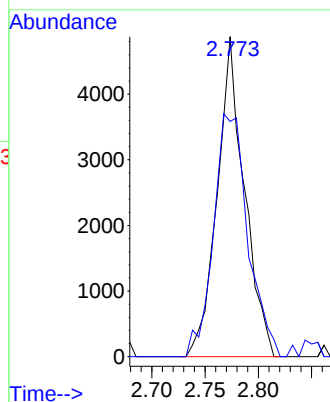
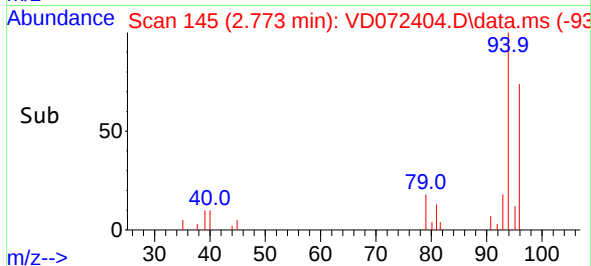
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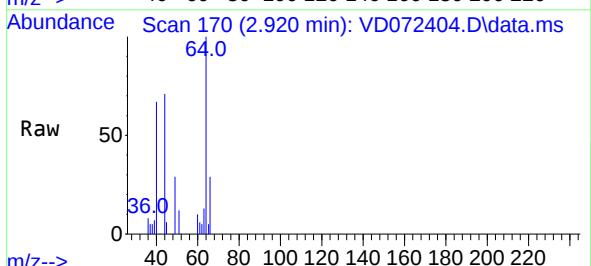
Tgt Ion: 94 Resp: 863
Ion Ratio Lower Upper
94 100
96 73.5 77.6 116.4

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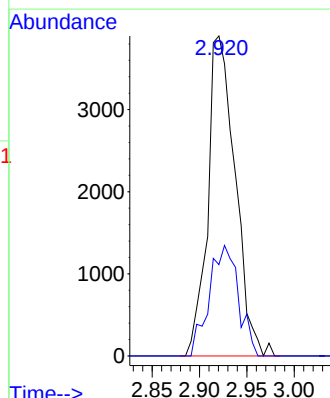
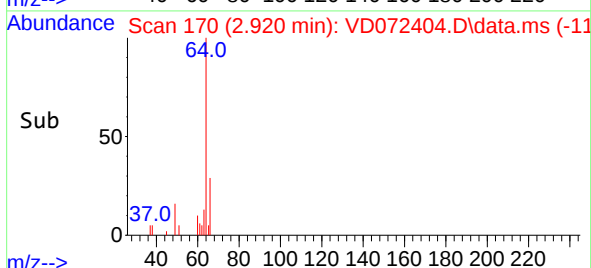
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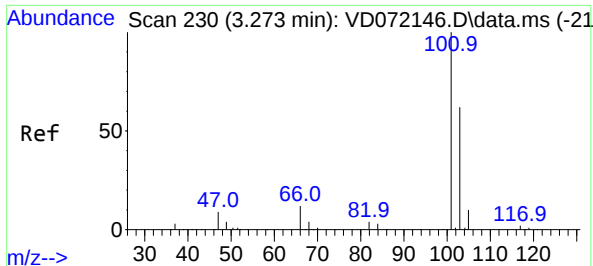


#6
Chloroethane
Concen: 4.378 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



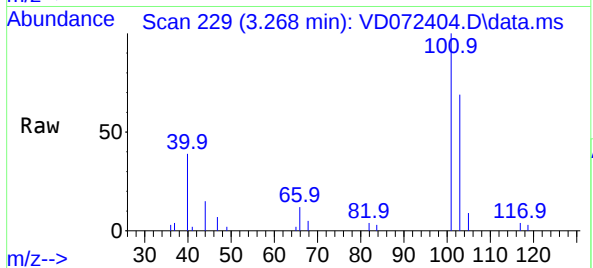
Tgt Ion: 64 Resp: 7855
Ion Ratio Lower Upper
64 100
66 28.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 3.730 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072404.D
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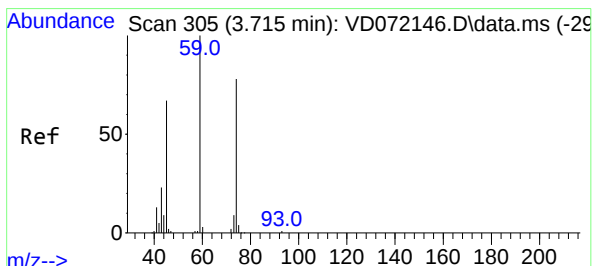
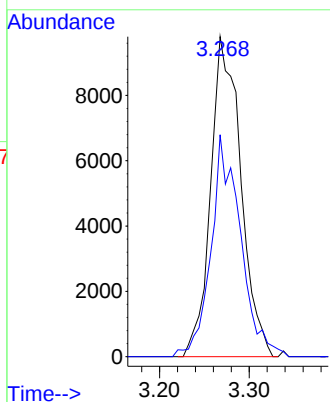
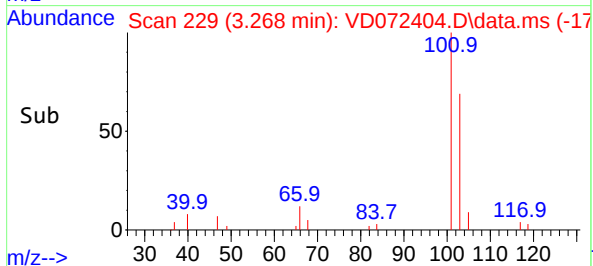
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:101 Resp: 22860
Ion Ratio Lower Upper
101 100
103 67.2 50.1 75.1

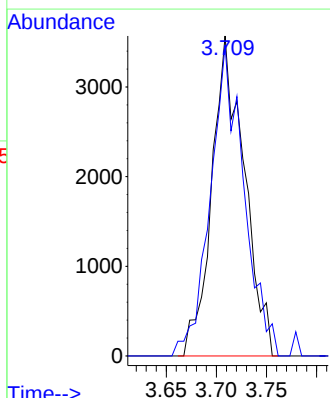
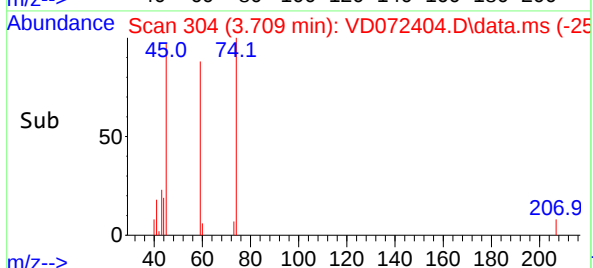
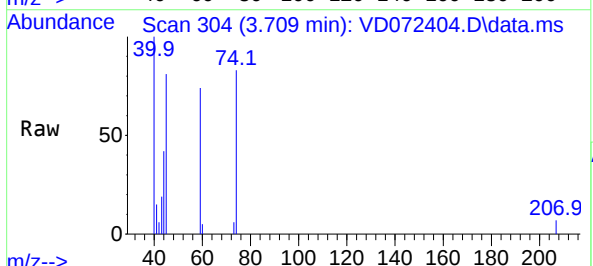
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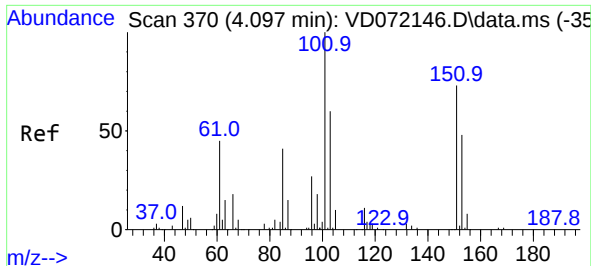
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#8
Diethyl Ether
Concen: 4.741 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 74 Resp: 8025
Ion Ratio Lower Upper
74 100
45 100.5 52.6 157.8





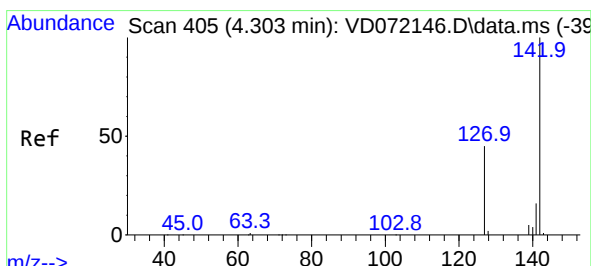
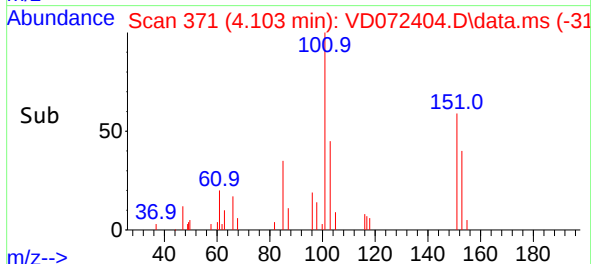
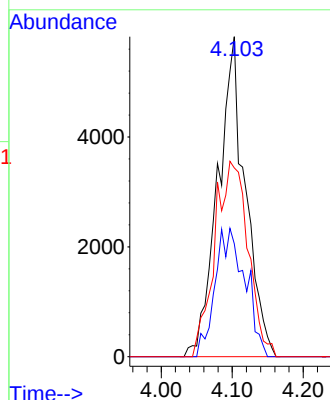
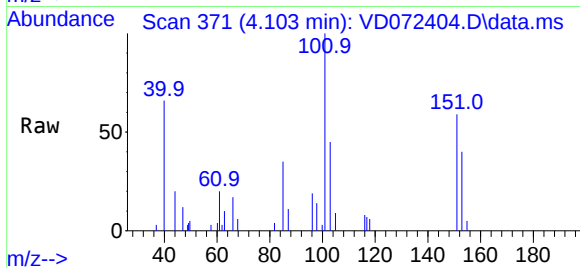
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.023 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 15720
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 73.9 57.3 85.9

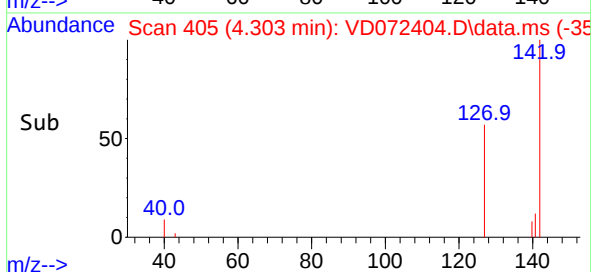
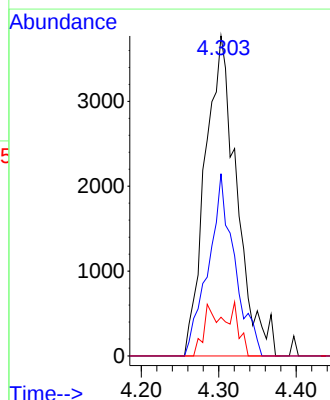
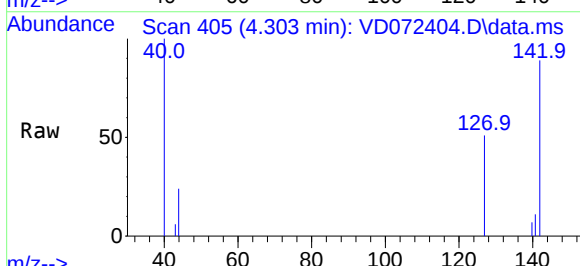
Manual Integrations
APPROVED

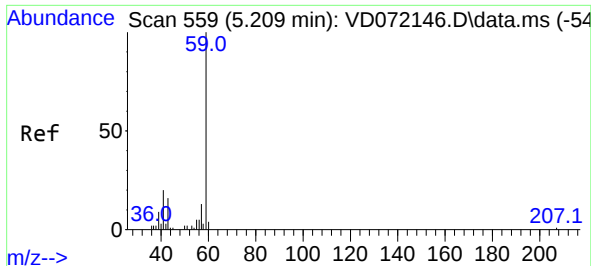
Reviewed By :John Carbone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
Methyl Iodide
Concen: 3.423 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

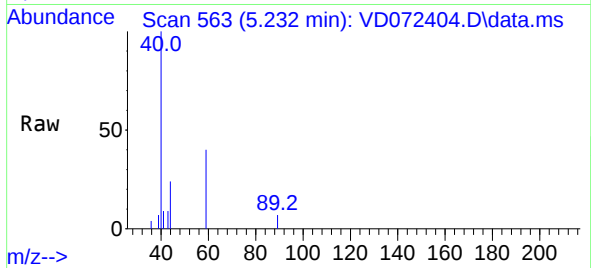
Tgt Ion:142 Resp: 10695
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 9.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 27.296 ug/l m
RT: 5.232 min Scan# 503
Delta R.T. 0.024 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

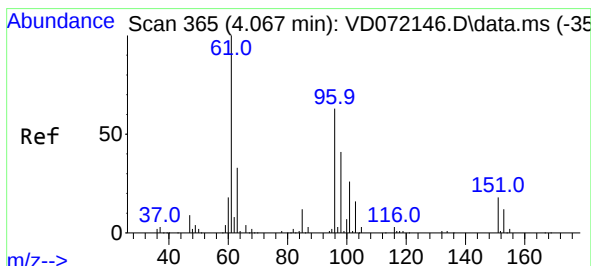
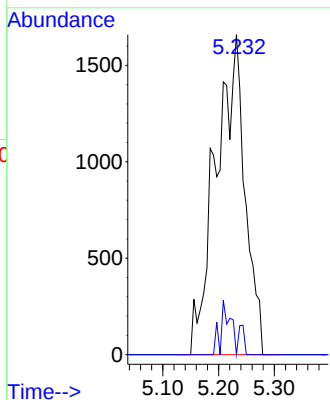
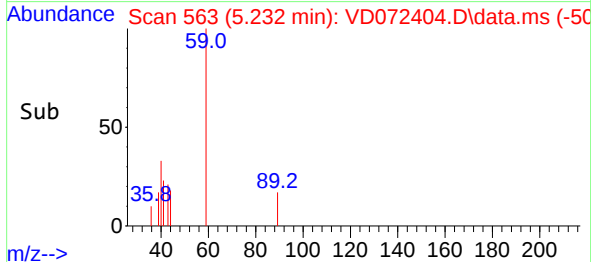
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



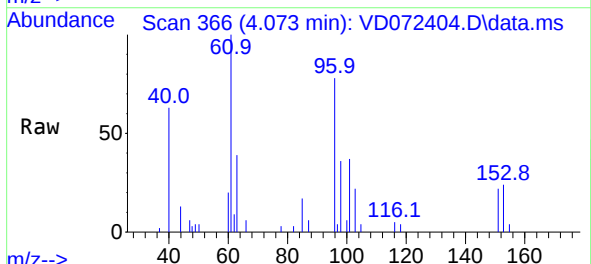
Tgt Ion: 59 Resp: 6038
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6

Manual Integrations
APPROVED

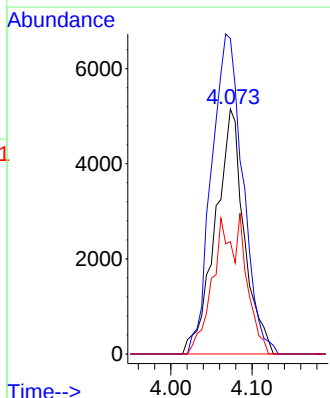
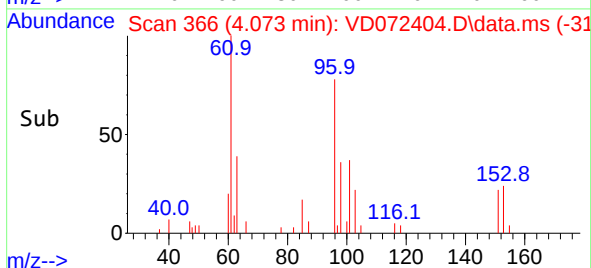
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

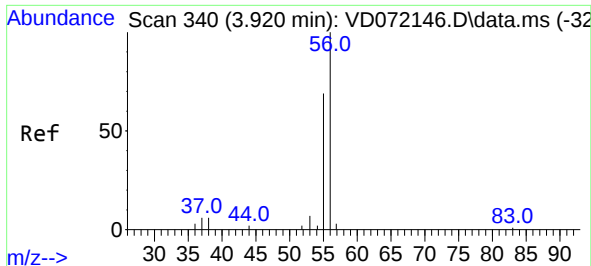


#12
1,1-Dichloroethene
Concen: 4.033 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



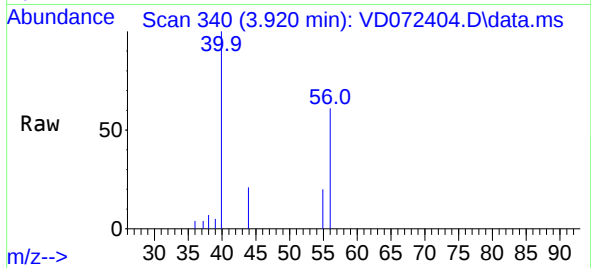
Tgt Ion: 96 Resp: 12677
Ion Ratio Lower Upper
96 100
61 128.8 138.5 207.7#
98 45.8 48.6 73.0#





#13
Acrolein
Concen: 22.898 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

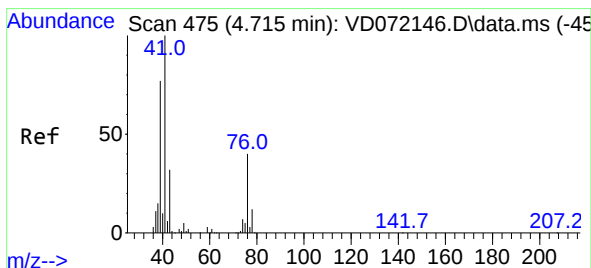
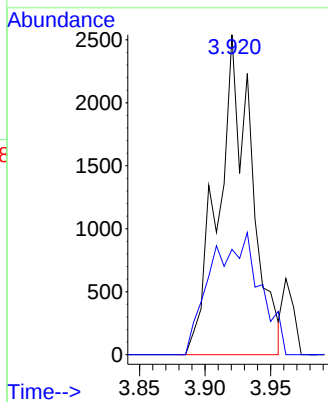
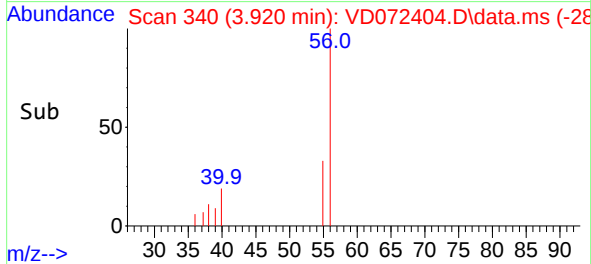
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



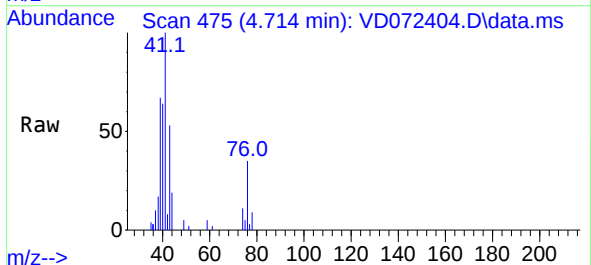
Tgt Ion: 56 Resp: 4510
Ion Ratio Lower Upper
56 100
55 55.7 57.1 85.7

Manual Integrations
APPROVED

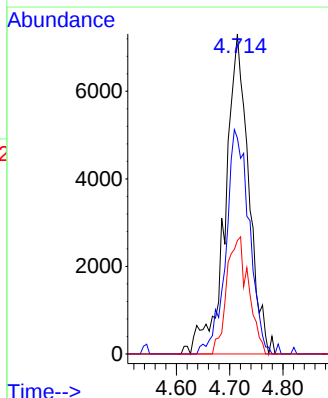
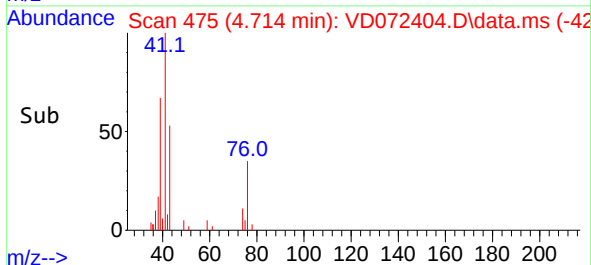
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

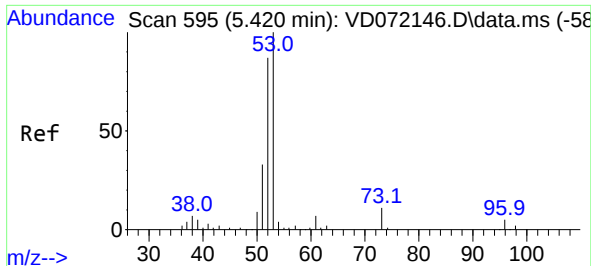


#14
Allyl chloride
Concen: 4.089 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



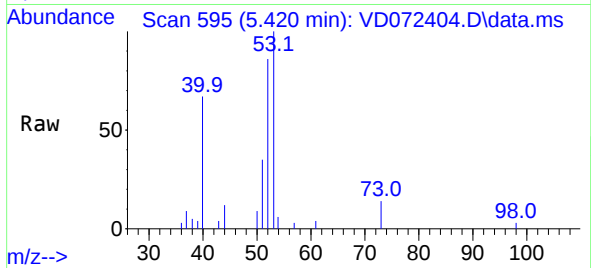
Tgt Ion: 41 Resp: 22475
Ion Ratio Lower Upper
41 100
39 69.4 59.3 88.9
76 33.8 25.7 38.5





#15
Acrylonitrile
Concen: 23.867 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

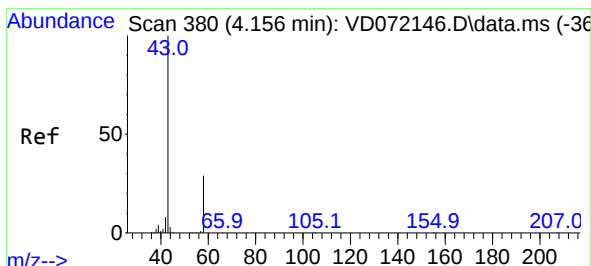
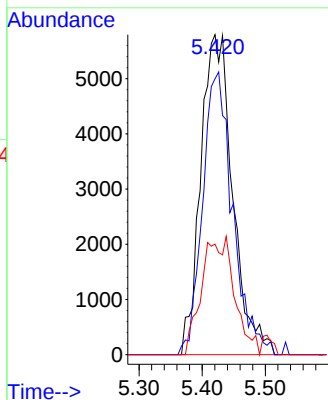
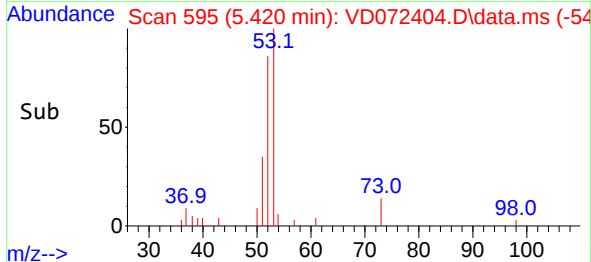
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



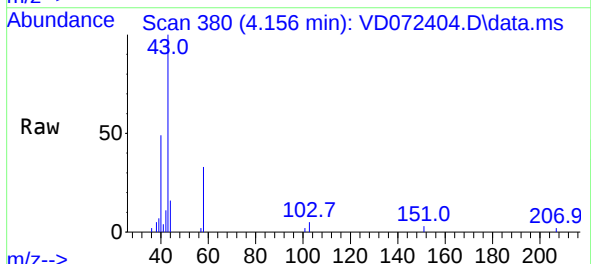
Tgt Ion: 53 Resp: 2038
Ion Ratio Lower Upper
53 100
52 83.0 67.2 100.8
51 37.5 30.3 45.5

Manual Integrations
APPROVED

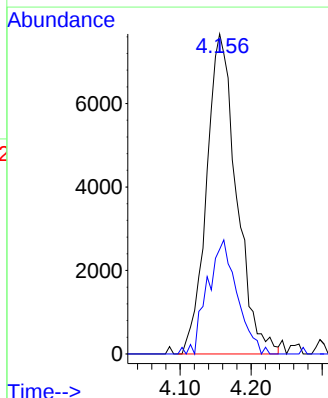
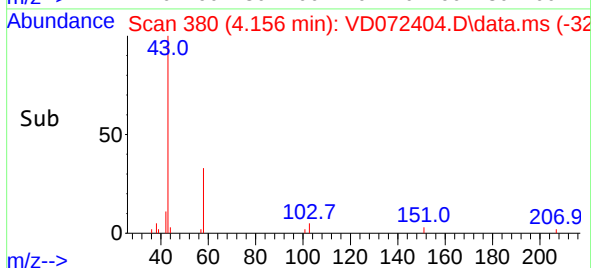
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

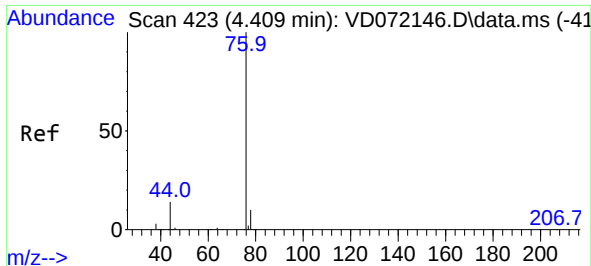


#16
Acetone
Concen: 27.137 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



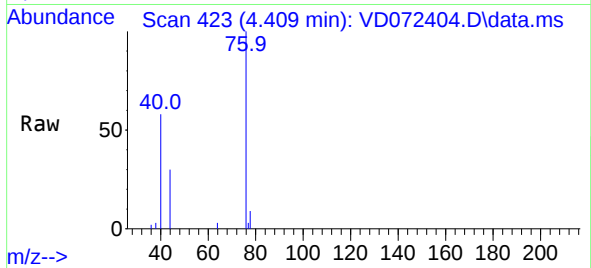
Tgt Ion: 43 Resp: 22460
Ion Ratio Lower Upper
43 100
58 32.7 22.1 33.1





#17
Carbon Disulfide
Concen: 2.554 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

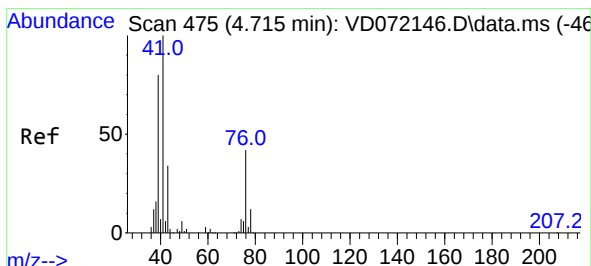
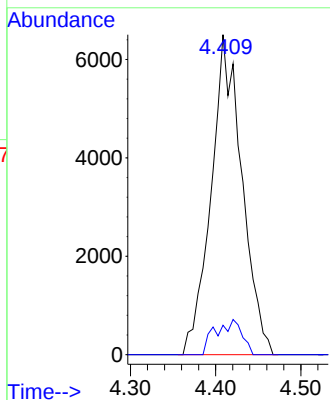
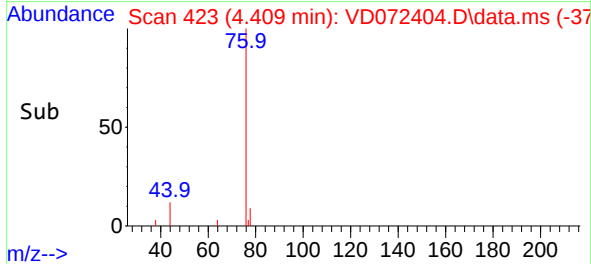
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



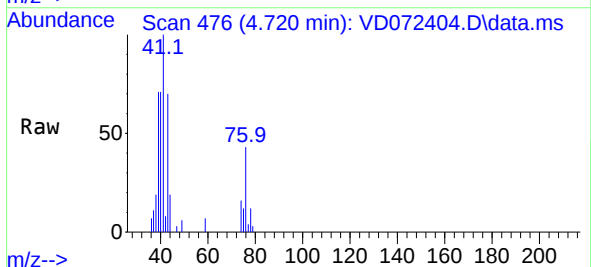
Tgt Ion: 76 Resp: 1637
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

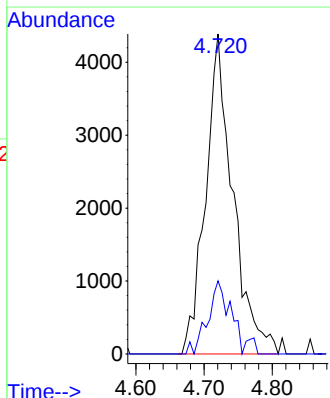
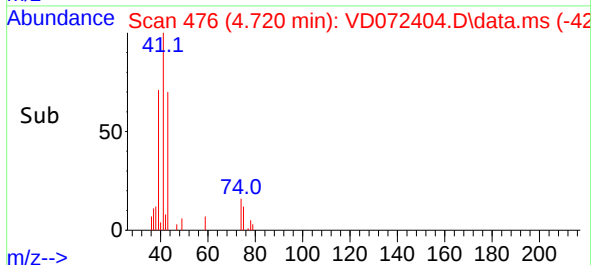
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

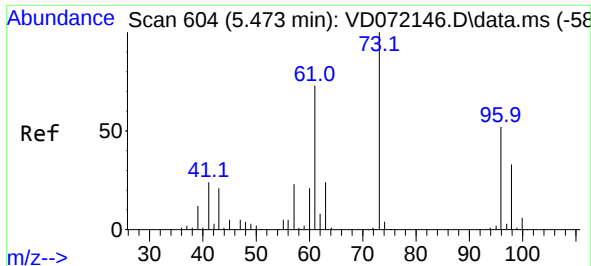


#18
Methyl Acetate
Concen: 6.013 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion: 43 Resp: 12196
Ion Ratio Lower Upper
43 100
74 19.2 16.7 25.1





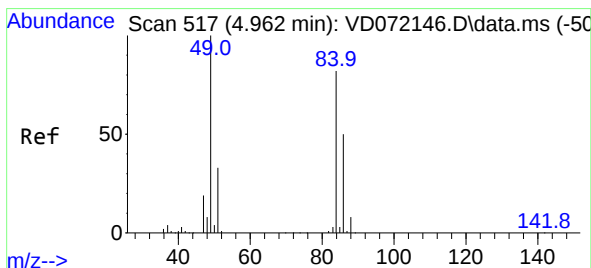
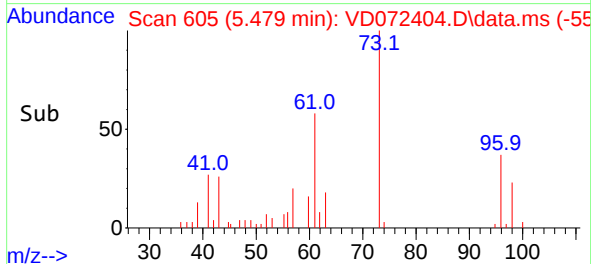
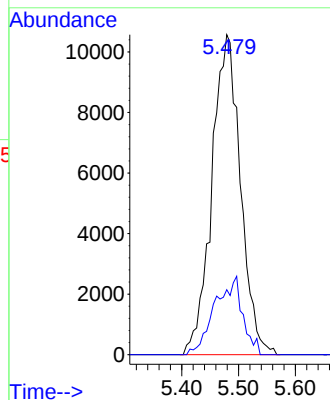
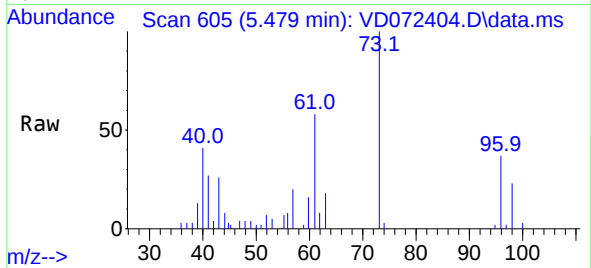
#19
Methyl tert-butyl Ether
Concen: 4.328 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 73 Resp: 3697
Ion Ratio Lower Upper
73 100
57 20.3 18.0 27.0

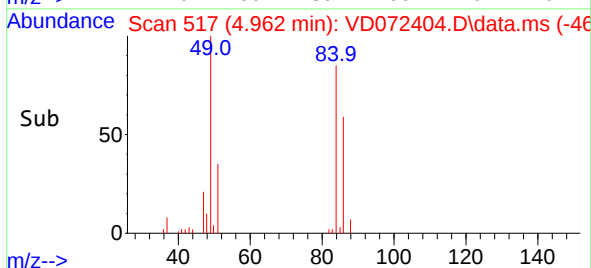
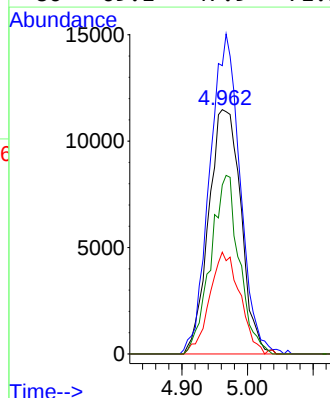
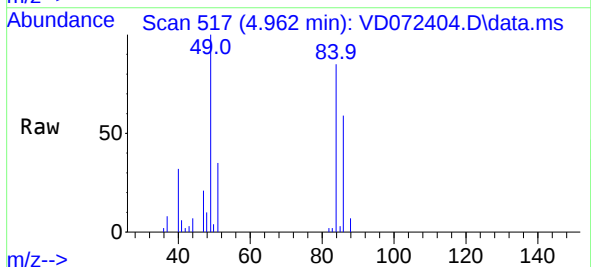
Manual Integrations
APPROVED

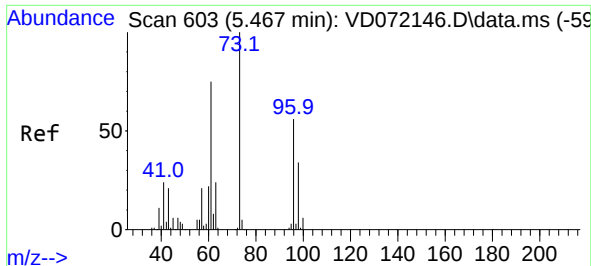
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#20
Methylene Chloride
Concen: 7.888 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

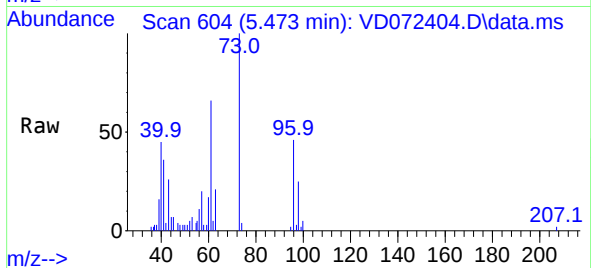
Tgt Ion: 84 Resp: 39238
Ion Ratio Lower Upper
84 100
49 118.0 112.8 169.2
51 41.6 32.6 48.8
86 69.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 3.606 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

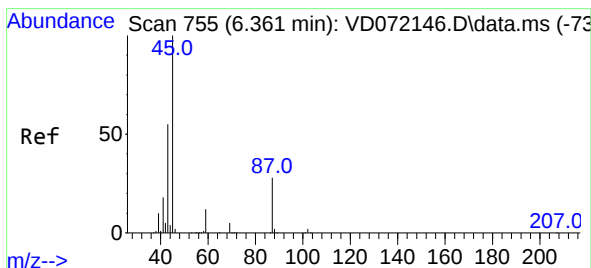
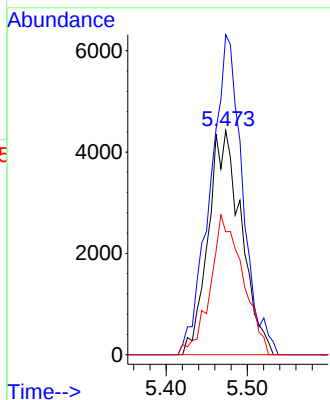
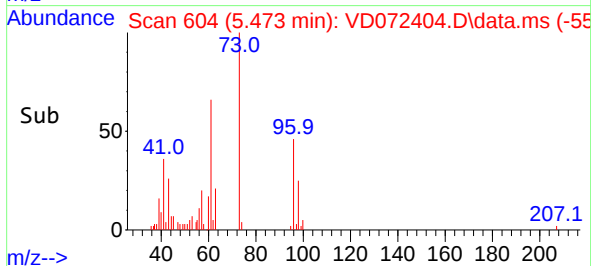
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



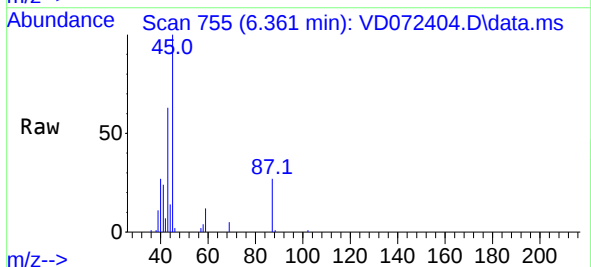
Tgt Ion: 96 Resp: 12539
Ion Ratio Lower Upper
96 100
61 142.8 117.9 176.9
98 54.8 49.4 74.2

Manual Integrations
APPROVED

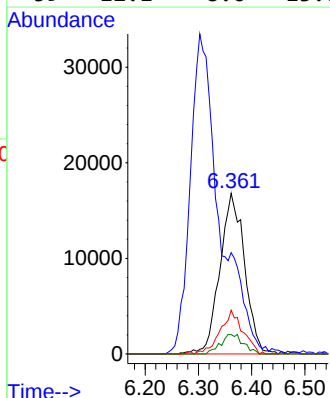
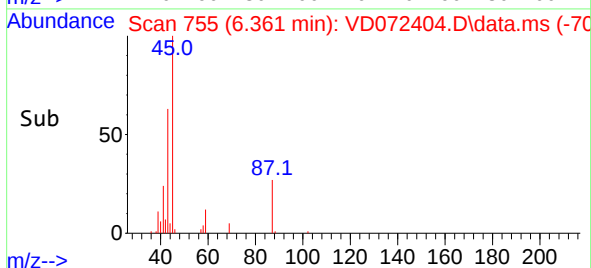
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

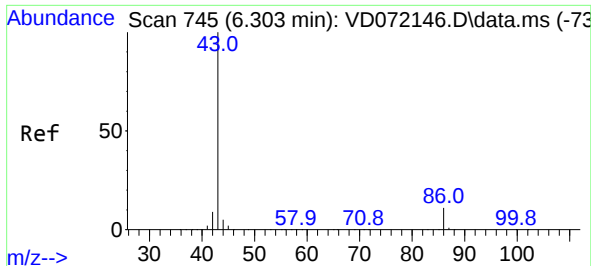


#22
Diisopropyl ether
Concen: 4.319 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



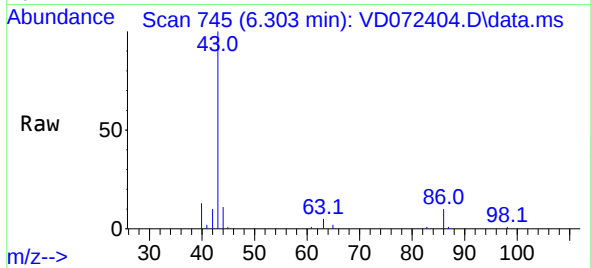
Tgt Ion: 45 Resp: 54145
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 27.2 18.4 27.6
59 12.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 20.002 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

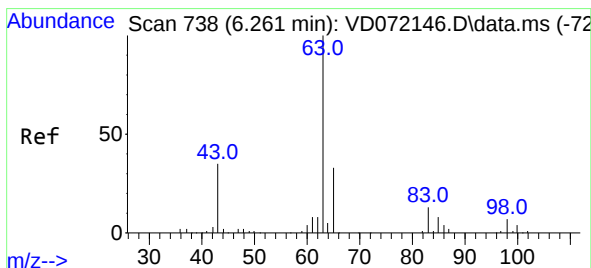
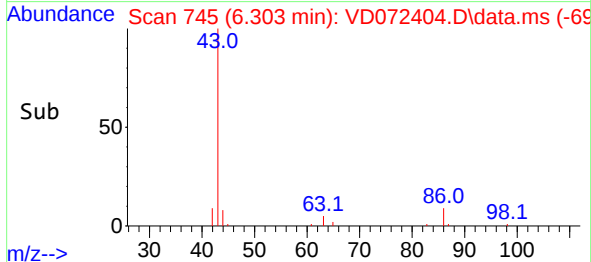
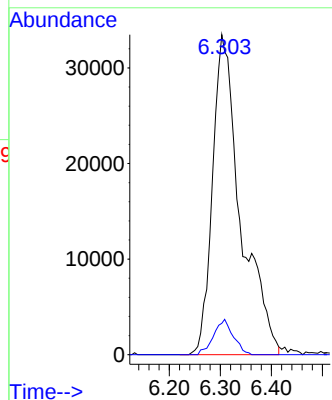
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 127970
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7

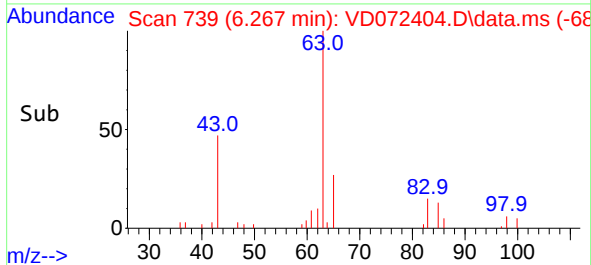
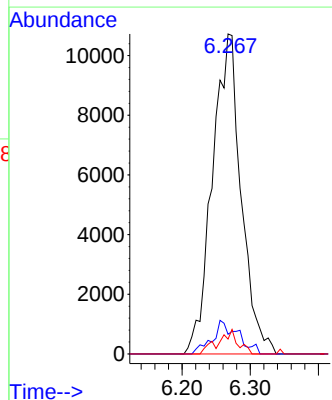
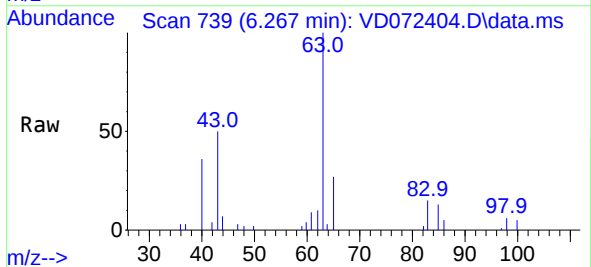
Manual Integrations
 APPROVED

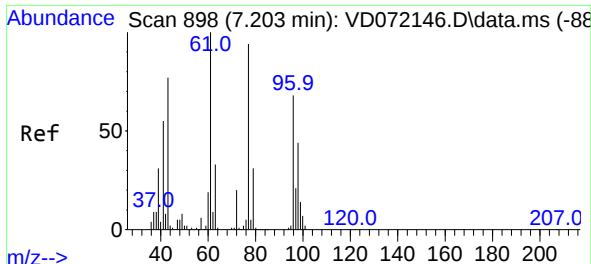
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#24
 1,1-Dichloroethane
 Concen: 4.261 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

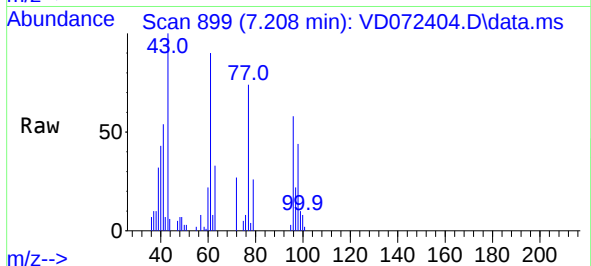
Tgt Ion: 63 Resp: 31503
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 25.286 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

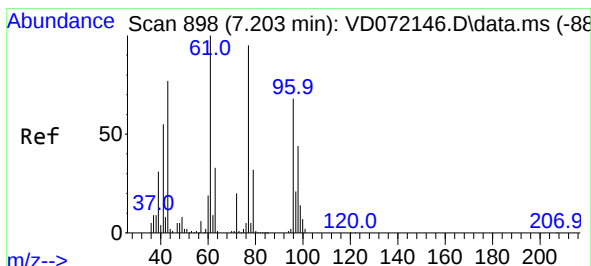
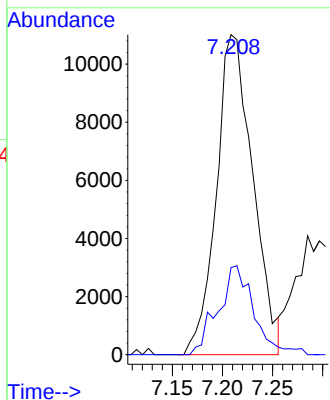
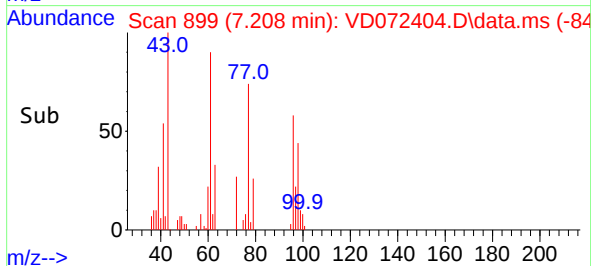
Instrument : MSVOA_D
Client Sample Id : LOD-MDL-SOIL-01-QT1-2022



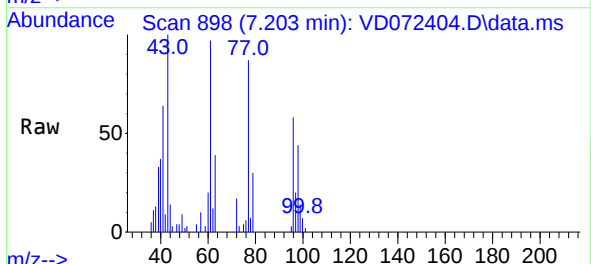
Tgt Ion: 43 Resp: 27904
Ion Ratio Lower Upper
43 100
72 27.2 18.6 27.8

Manual Integrations
APPROVED

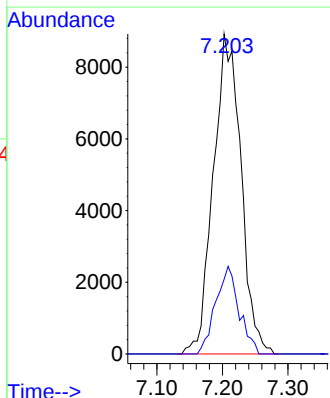
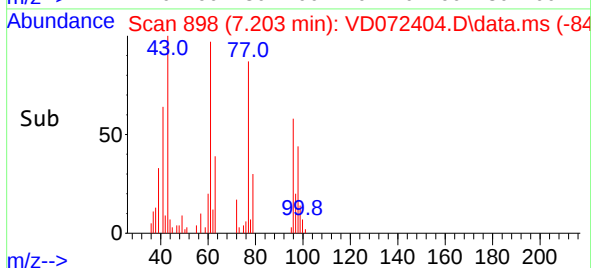
Reviewed By : John Carlone 03/25/2022
Supervised By : Mahesh Dadoda 03/25/2022

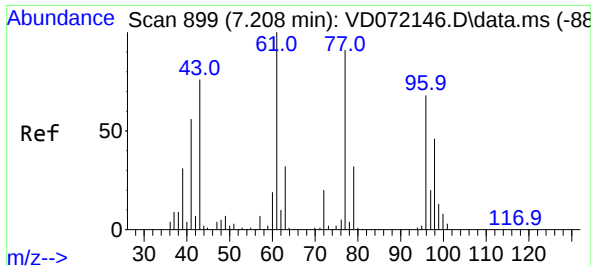


#26
2,2-Dichloropropane
Concen: 3.912 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion: 77 Resp: 26098
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





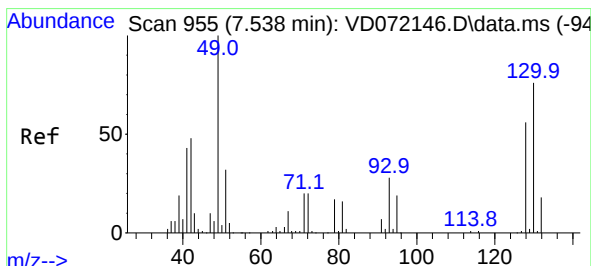
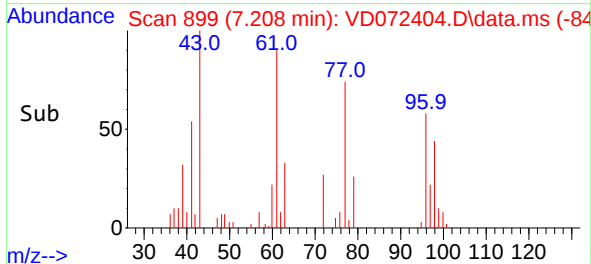
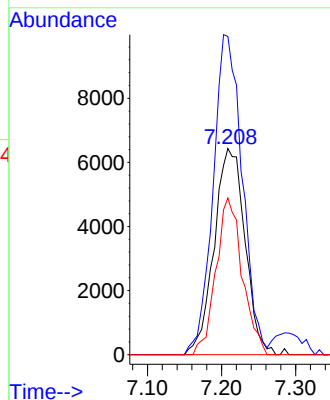
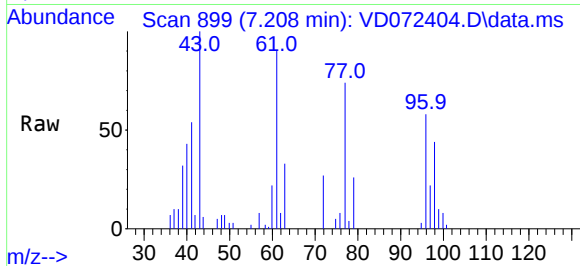
#27
cis-1,2-Dichloroethene
Concen: 4.193 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 96 Resp: 1861
Ion Ratio Lower Upper
96 100
61 146.5 0.0 313.8
98 64.9 0.0 128.8

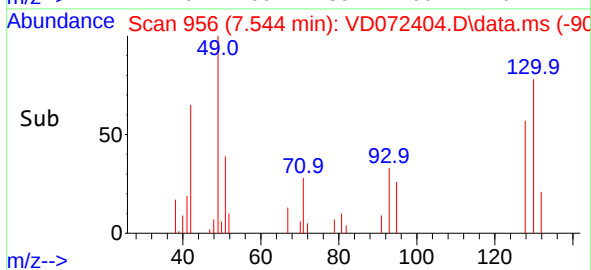
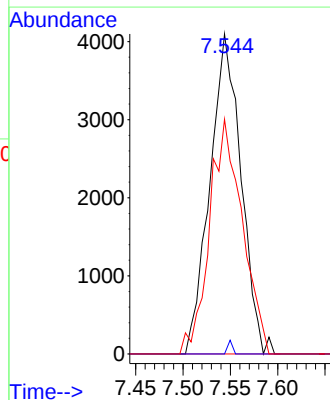
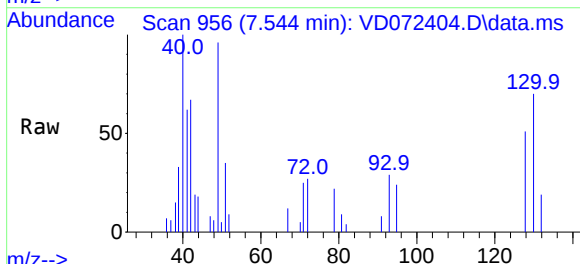
Manual Integrations
APPROVED

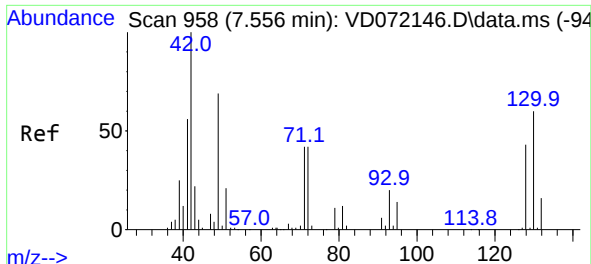
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
Bromochloromethane
Concen: 3.143 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

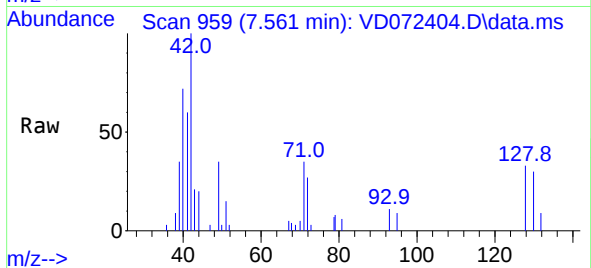
Tgt Ion: 49 Resp: 9355
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 77.2 52.6 79.0





#29
Tetrahydrofuran
Concen: 23.061 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

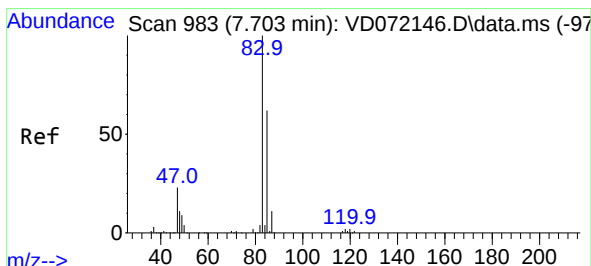
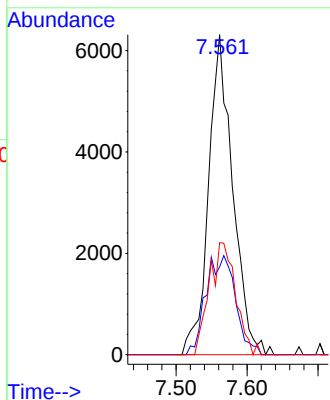
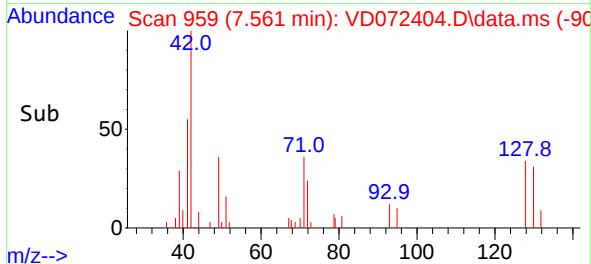
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



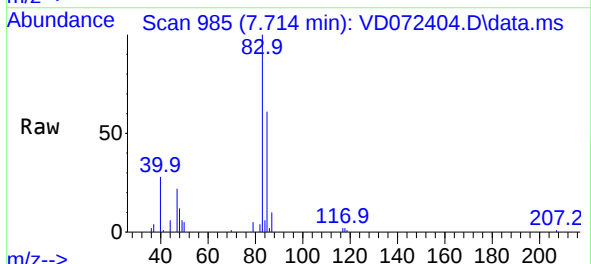
Tgt Ion: 42 Resp: 14964
Ion Ratio Lower Upper
42 100
72 37.8 30.7 46.1
71 38.2 28.6 43.0

Manual Integrations
APPROVED

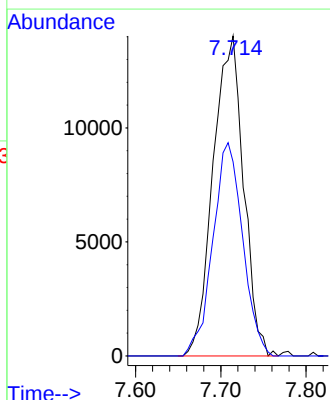
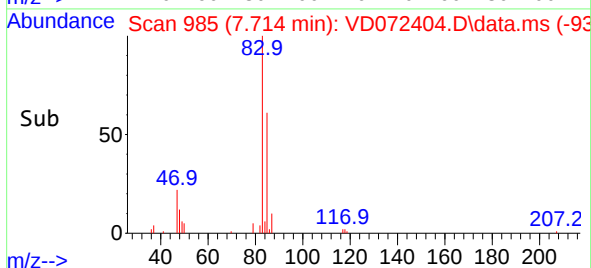
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

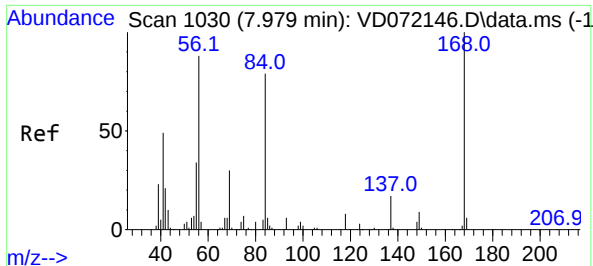


#30
Chloroform
Concen: 4.418 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.012 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



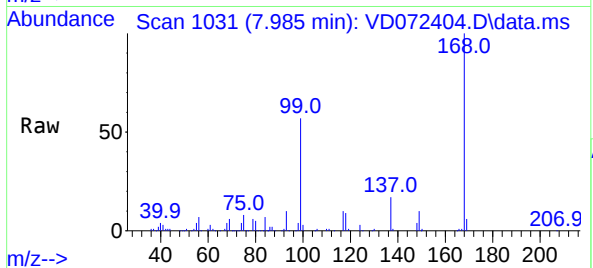
Tgt Ion: 83 Resp: 34797
Ion Ratio Lower Upper
83 100
85 60.7 52.7 79.1





#31
Cyclohexane
Concen: 4.205 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

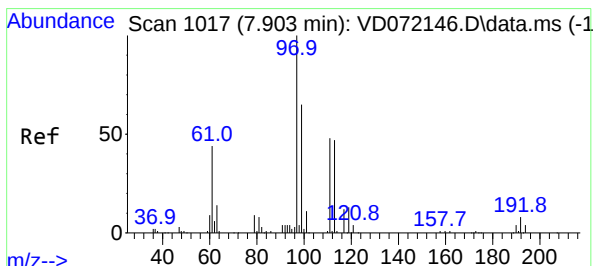
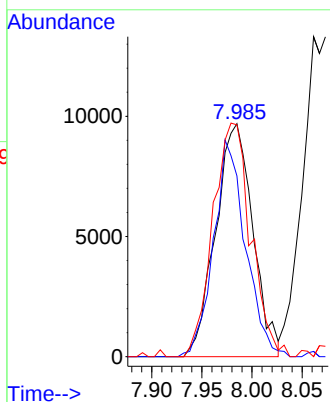
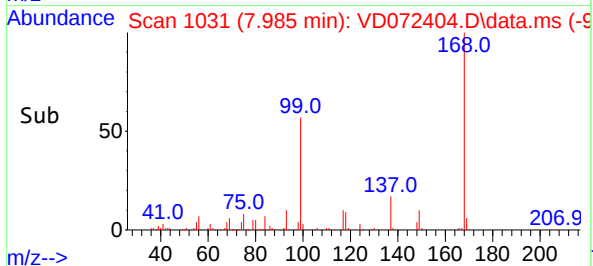
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



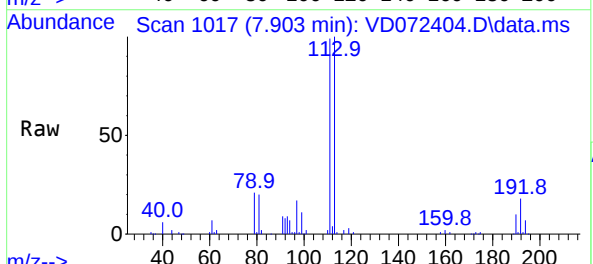
Tgt Ion: 56 Resp: 2504
Ion Ratio Lower Upper
56 100
69 77.6 25.4 38.2
84 99.5 63.0 94.4

Manual Integrations
APPROVED

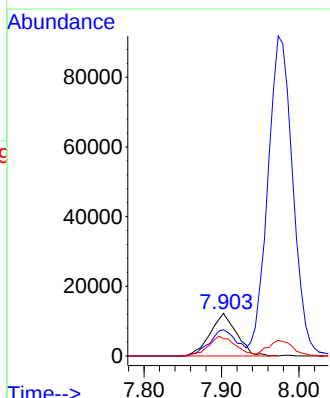
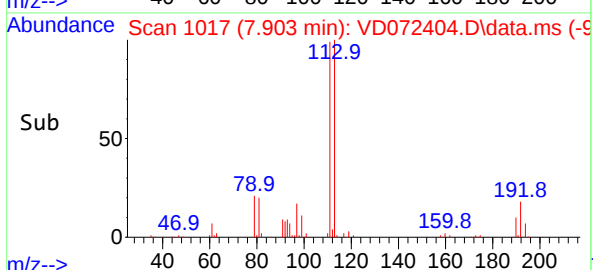
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

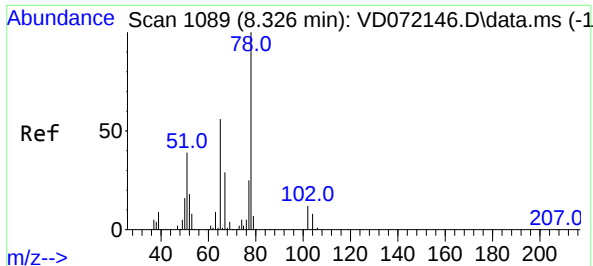


#32
1,1,1-Trichloroethane
Concen: 4.128 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



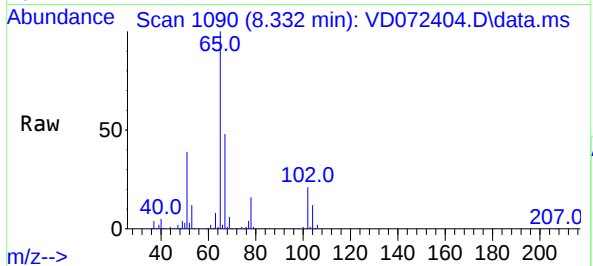
Tgt Ion: 97 Resp: 28882
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 47.8 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 55.308 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

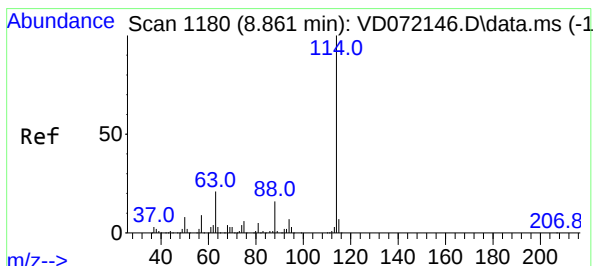
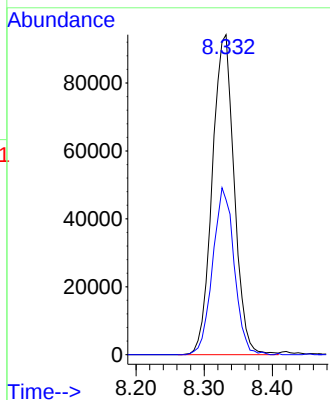
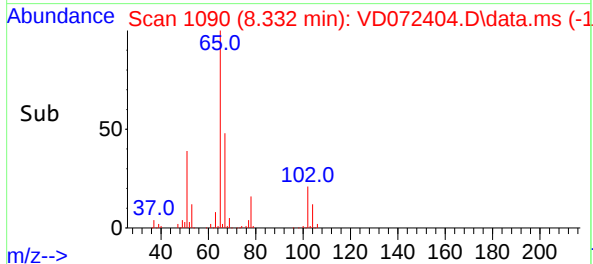
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



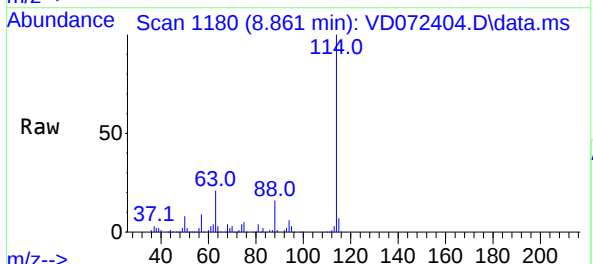
Tgt Ion: 65 Resp: 21083
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4

Manual Integrations
APPROVED

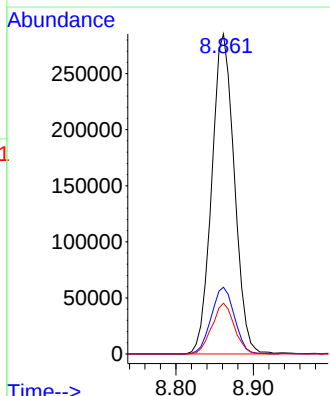
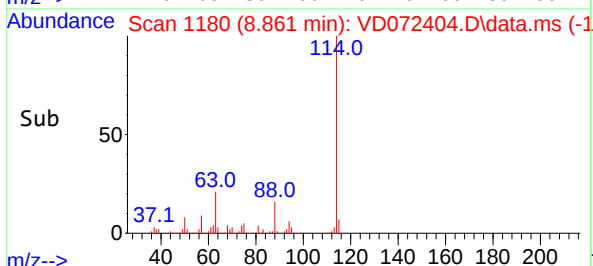
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

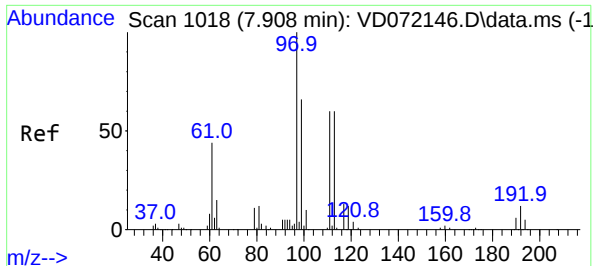


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion:114 Resp: 576957
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 15.8 0.0 33.2





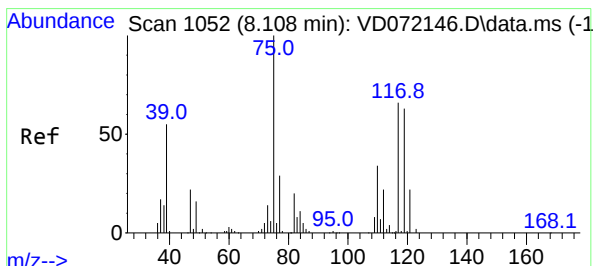
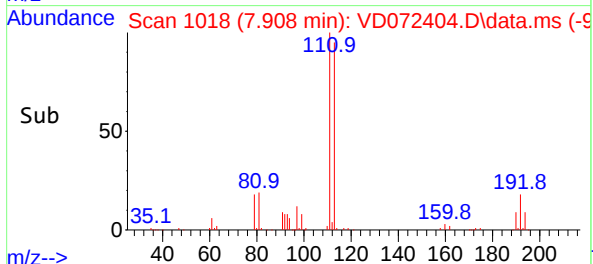
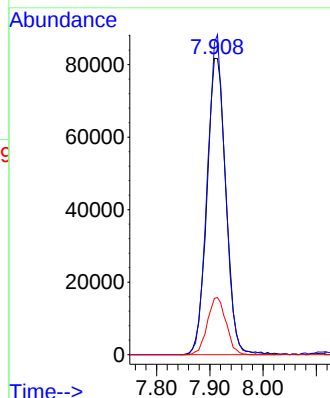
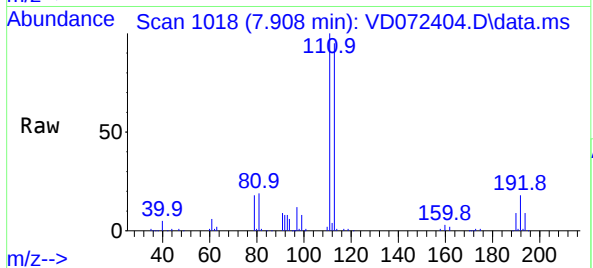
#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:113 Resp: 20244
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.9 14.6 21.8

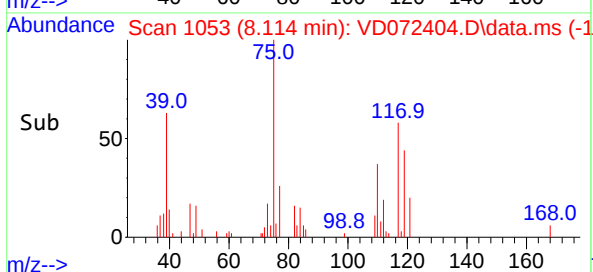
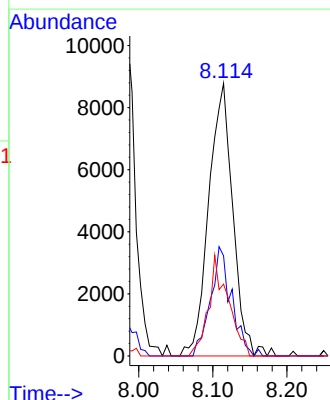
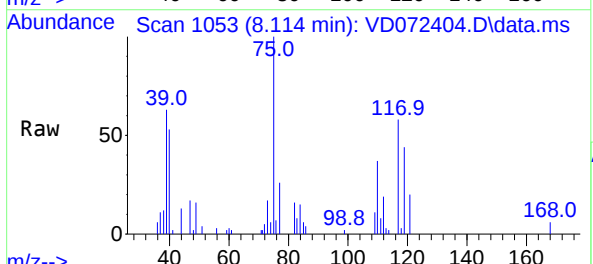
Manual Integrations
APPROVED

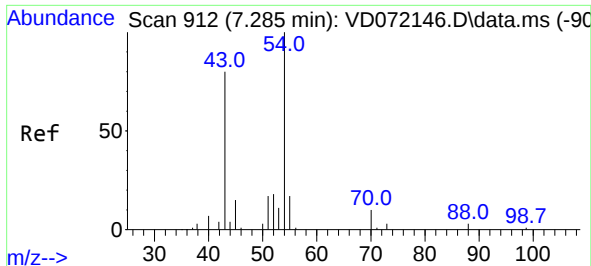
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
1,1-Dichloropropene
Concen: 3.496 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

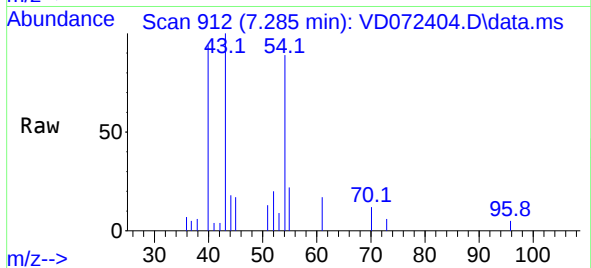
Tgt Ion: 75 Resp: 19911
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 30.3 24.2 36.2





#37
Ethyl Acetate
Concen: 4.158 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

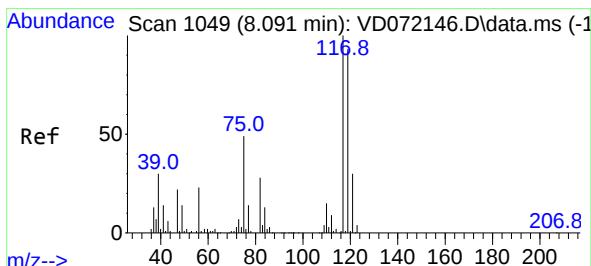
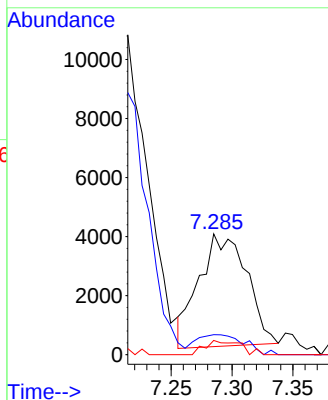
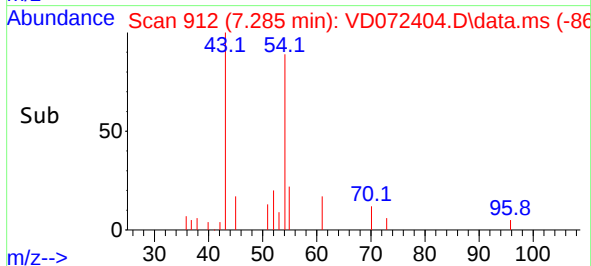
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



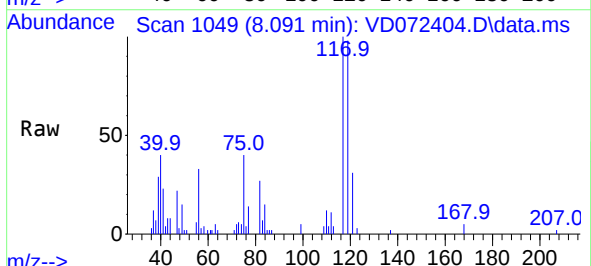
Tgt Ion: 43 Resp: 10374
Ion Ratio Lower Upper
43 100
61 18.1 9.8 14.8
70 9.5 6.9 10.3

Manual Integrations
APPROVED

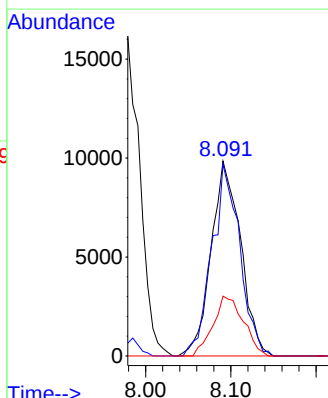
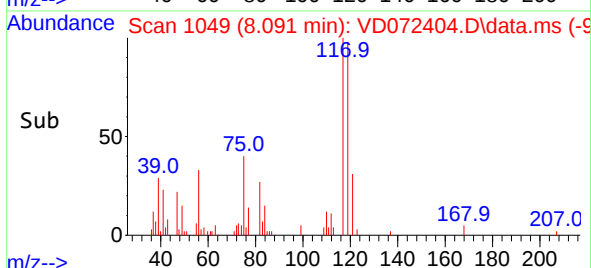
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

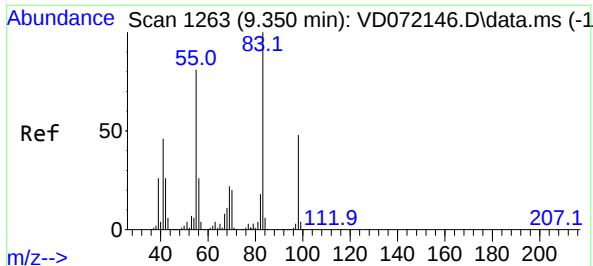


#38
Carbon Tetrachloride
Concen: 3.654 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



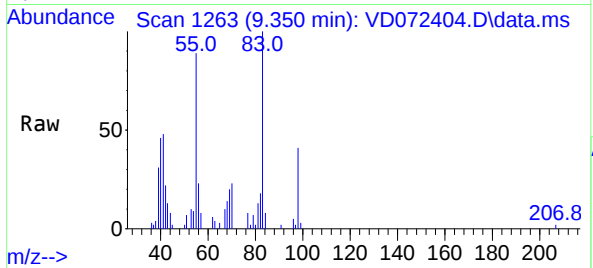
Tgt Ion:117 Resp: 23658
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 30.7 24.5 36.7





#39
Methylcyclohexane
Concen: 2.934 ug/l
RT: 9.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

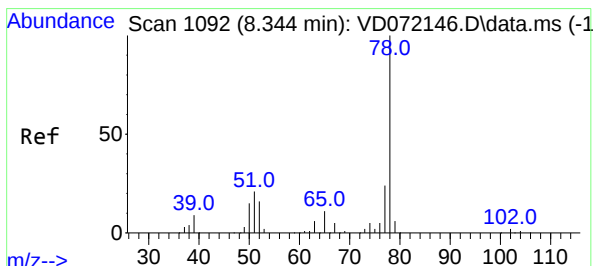
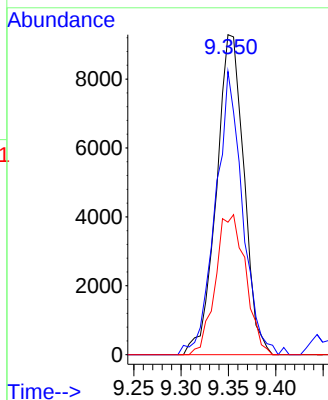
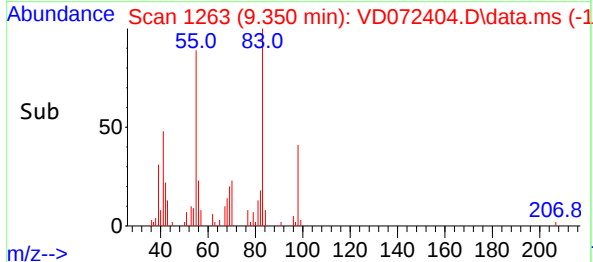
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 83 Resp: 1880
Ion Ratio Lower Upper
83 100
55 88.5 63.2 94.8
98 41.4 38.2 57.4

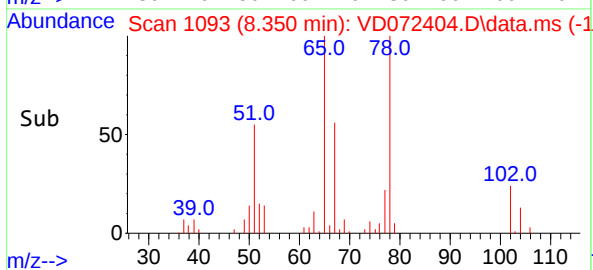
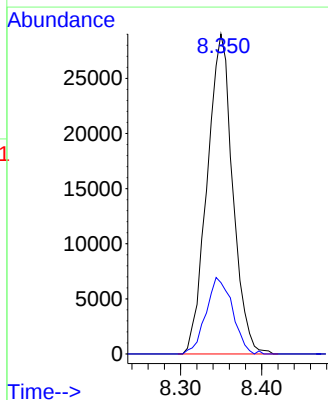
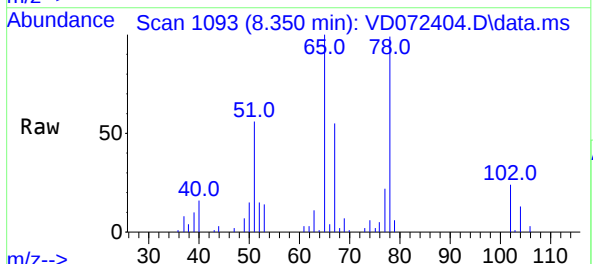
Manual Integrations
APPROVED

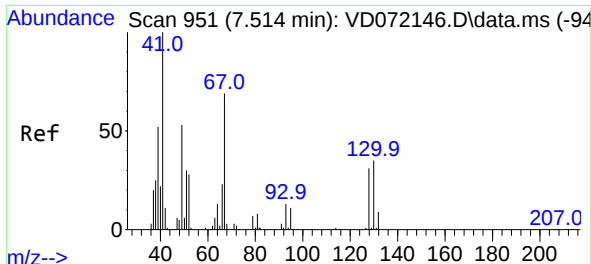
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#40
Benzene
Concen: 3.908 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

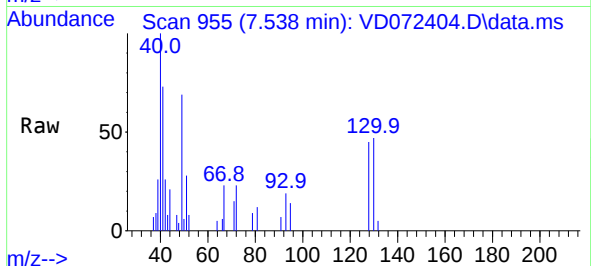
Tgt Ion: 78 Resp: 63507
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7





#41
Methacrylonitrile
Concen: 5.496 ug/l
RT: 7.538 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

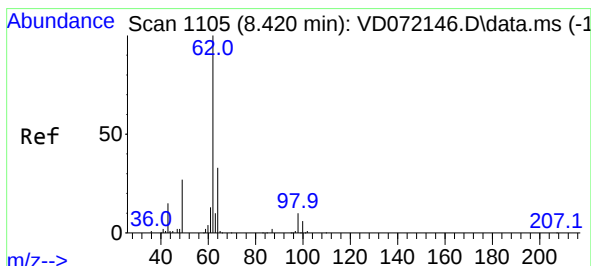
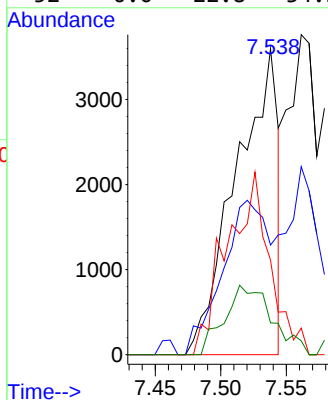
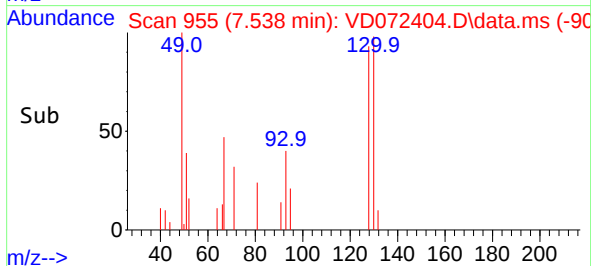
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



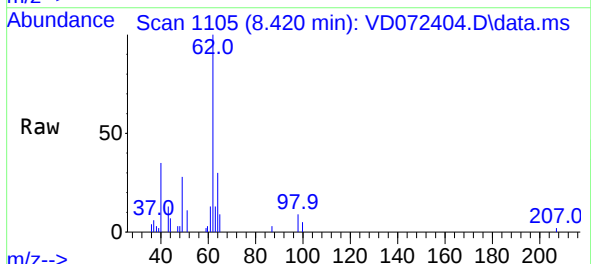
Tgt Ion: 41 Resp: 799
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0
67 0.0 48.2 72.4
52 0.0 22.8 34.2

Manual Integrations
APPROVED

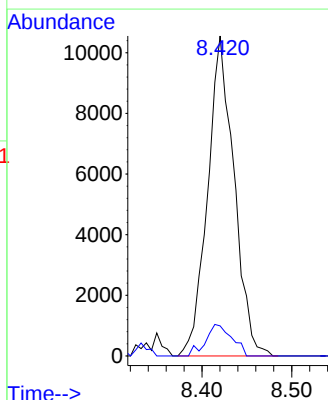
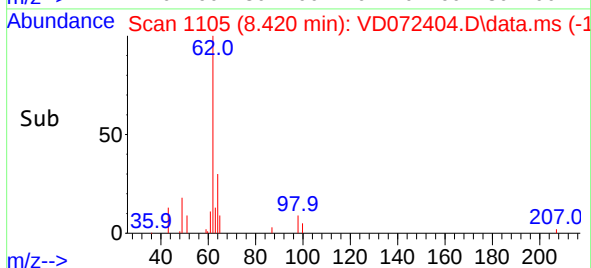
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

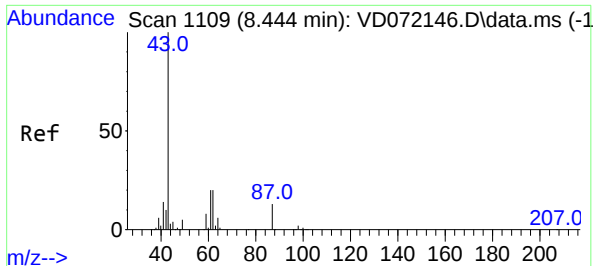


#42
1,2-Dichloroethane
Concen: 4.383 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



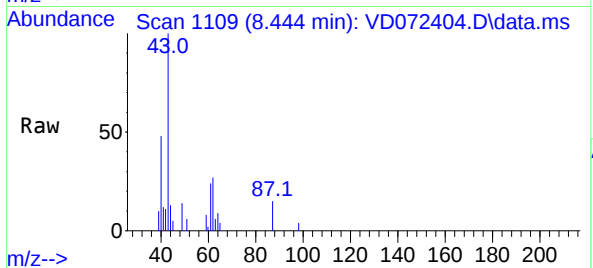
Tgt Ion: 62 Resp: 21604
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 4.545 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

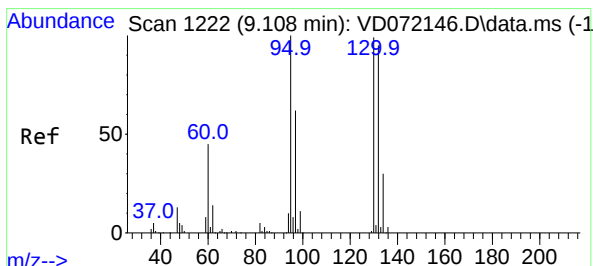
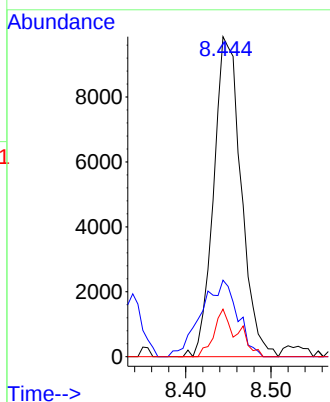
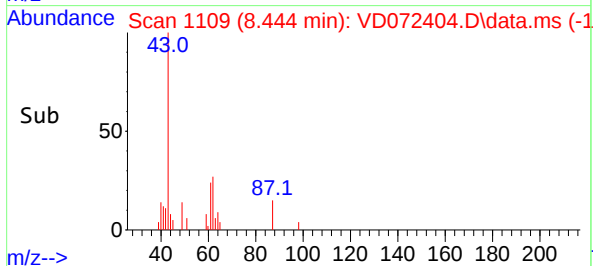
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 22010
Ion Ratio Lower Upper
43 100
61 31.8 22.4 33.6
87 12.6 8.7 13.1

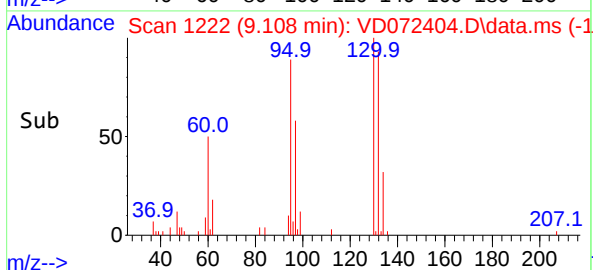
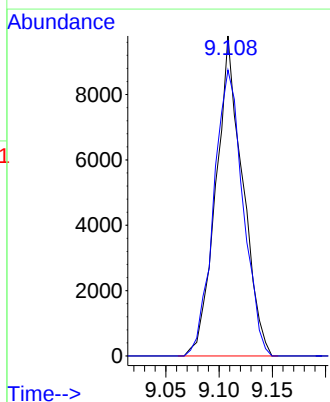
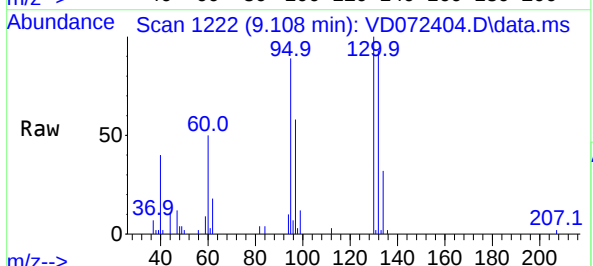
Manual Integrations
APPROVED

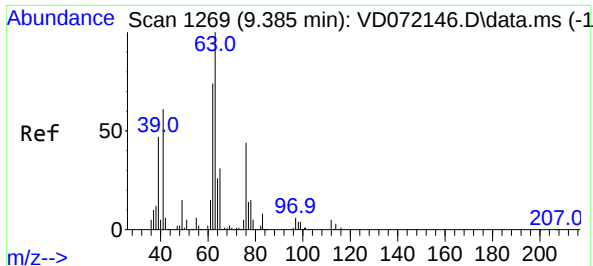
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
Trichloroethene
Concen: 3.740 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:130 Resp: 17061
Ion Ratio Lower Upper
130 100
95 89.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.272 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD072404.D

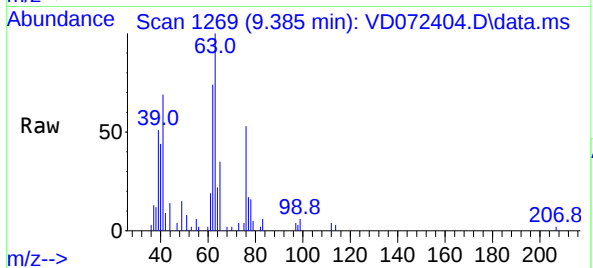
Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 63 Resp: 1904

Ion Ratio Lower Upper

63 100

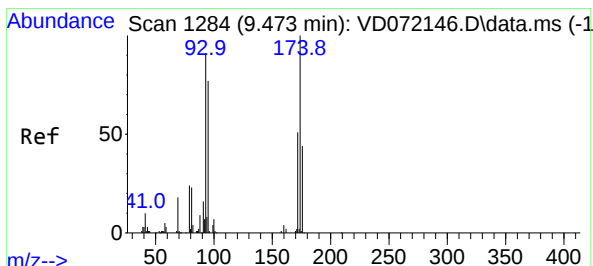
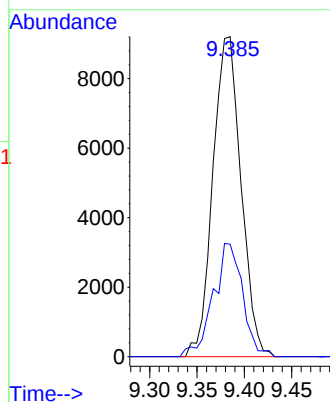
65 35.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#46

Dibromomethane

Concen: 4.229 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

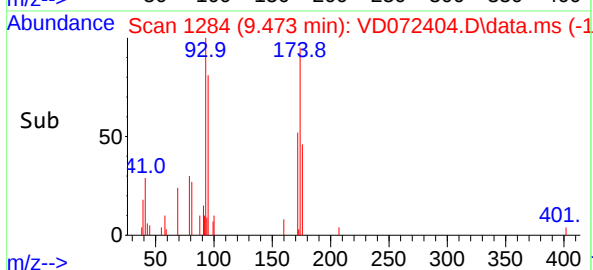
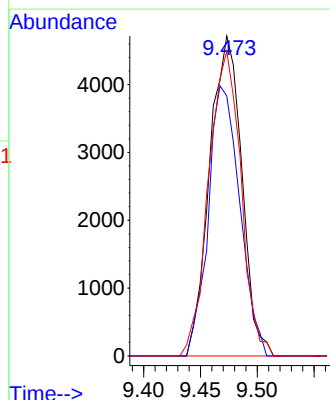
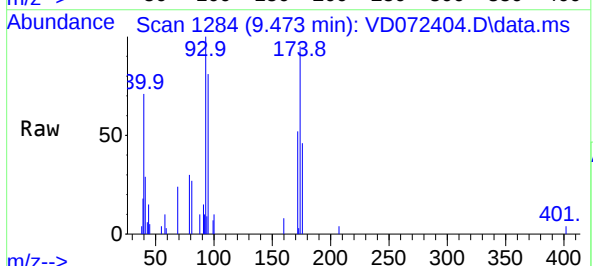
Tgt Ion: 93 Resp: 9270

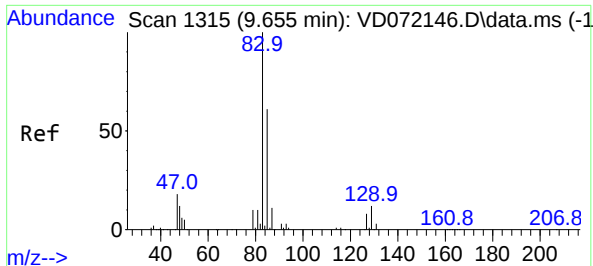
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 95.3 71.6 107.4





#47

Bromodichloromethane

Concen: 4.308 ug/l

RT: 9.661 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 83 Resp: 2753

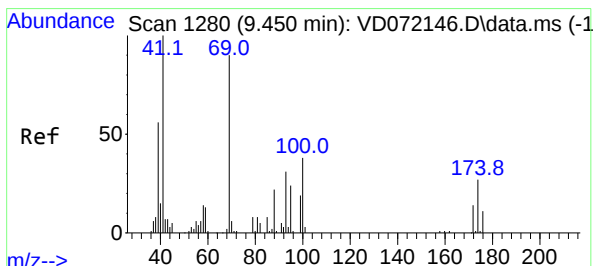
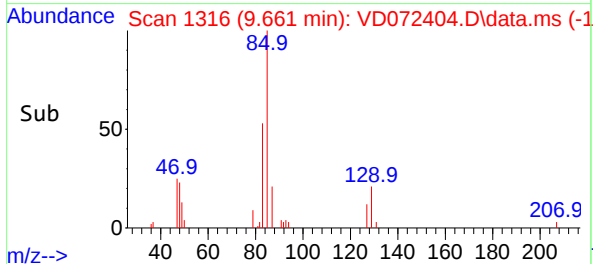
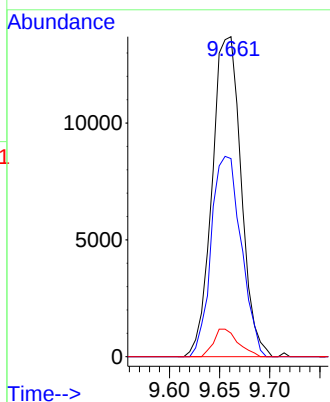
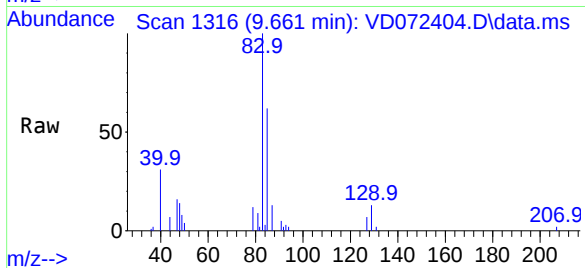
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.0
127	7.4	6.1	9.1

Manual Integrations

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Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#48

Methyl methacrylate

Concen: 4.503 ug/l

RT: 9.450 min Scan# 1280

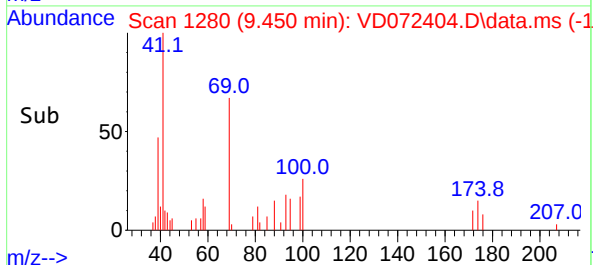
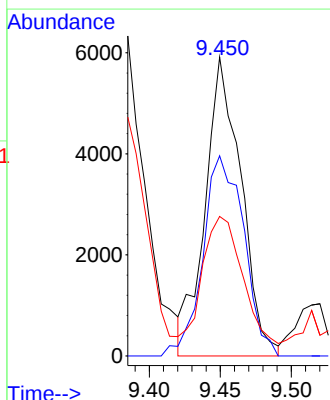
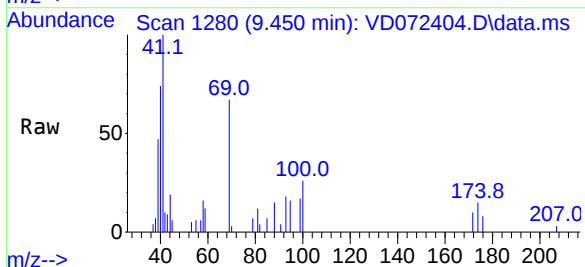
Delta R.T. -0.000 min

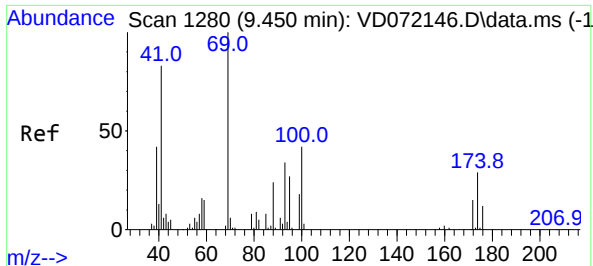
Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Tgt Ion: 41 Resp: 10412

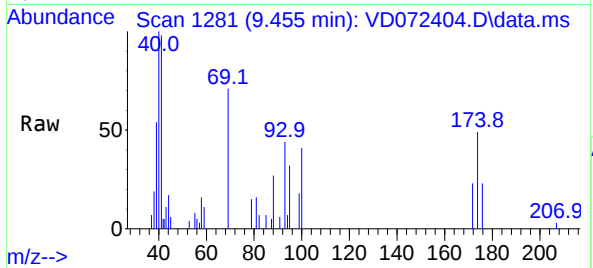
Ion	Ratio	Lower	Upper
41	100		
69	76.1	56.7	85.1
39	55.7	42.7	64.1





#49
1,4-Dioxane
Concen: 93.124 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

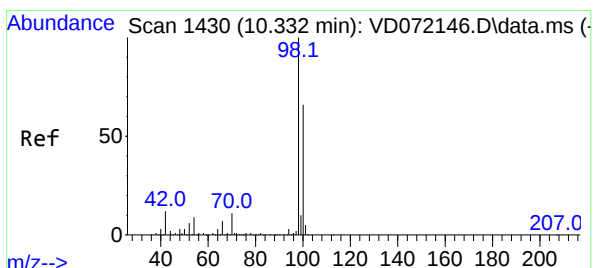
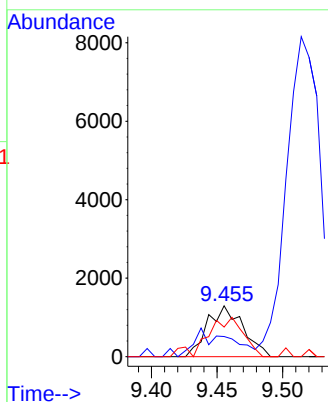
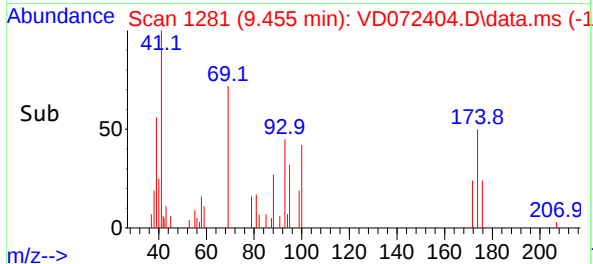
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4
58 79.0 58.1 87.1

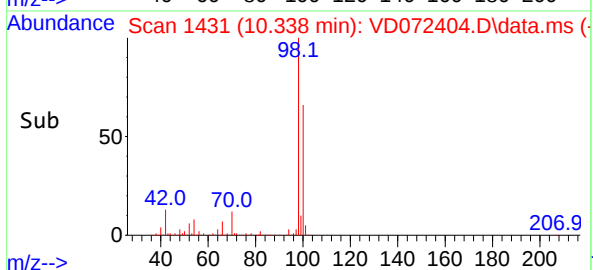
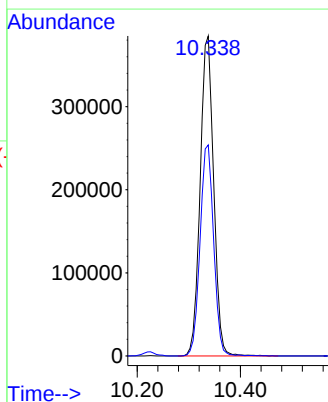
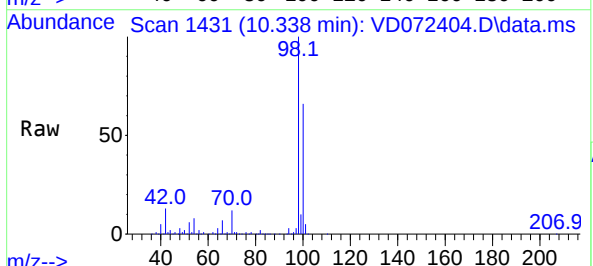
Manual Integrations
APPROVED

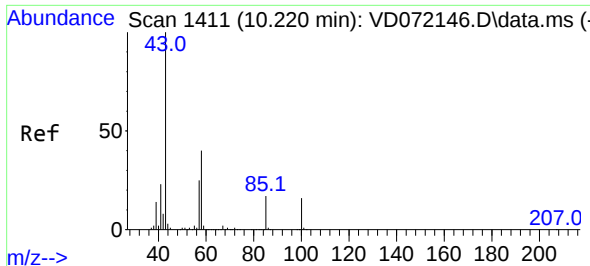
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#50
Toluene-d8
Concen: 46.947 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

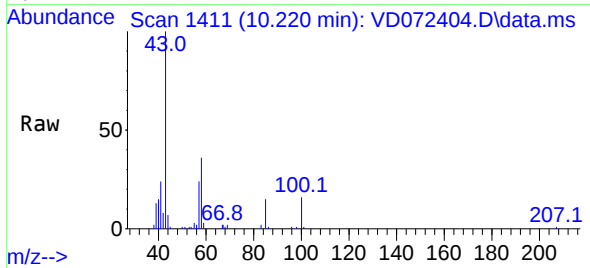
Tgt Ion: 98 Resp: 696970
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 22.452 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

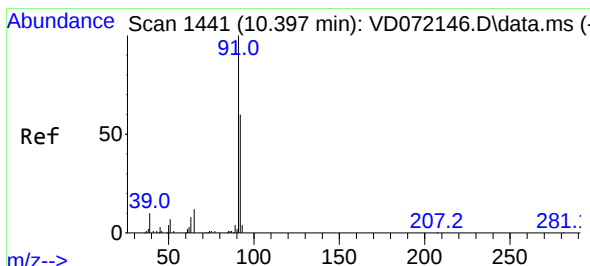
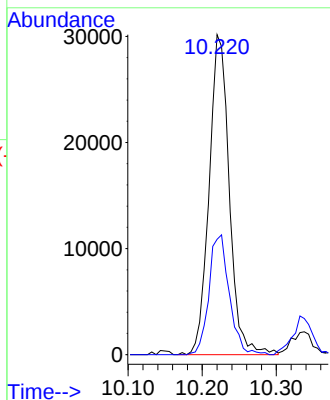
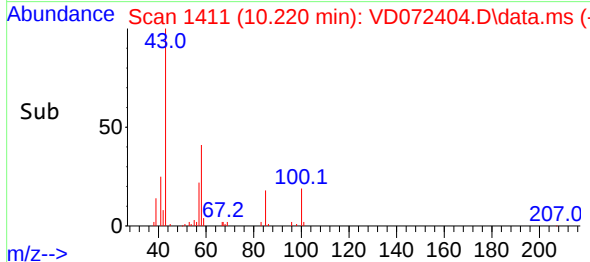
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



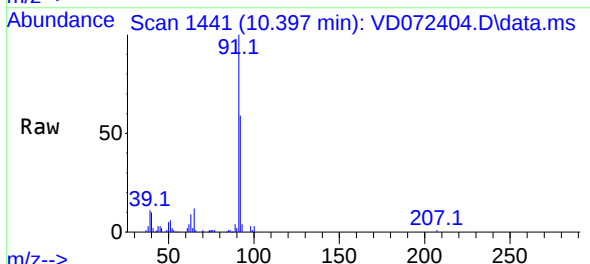
Tgt Ion: 43 Resp: 5710
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0

Manual Integrations
APPROVED

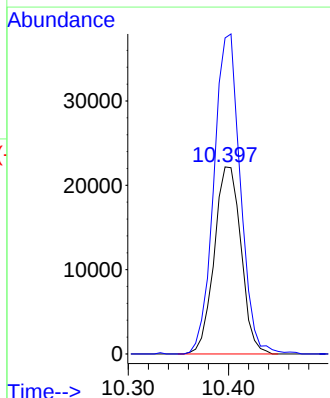
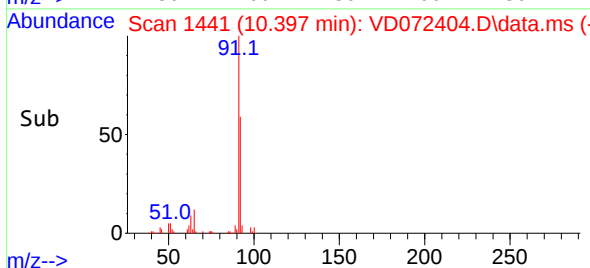
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

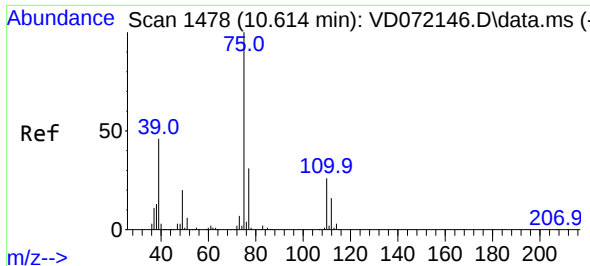


#52
Toluene
Concen: 3.845 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



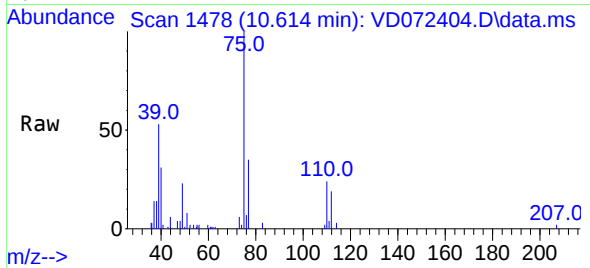
Tgt Ion: 92 Resp: 41112
Ion Ratio Lower Upper
92 100
91 169.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 3.823 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

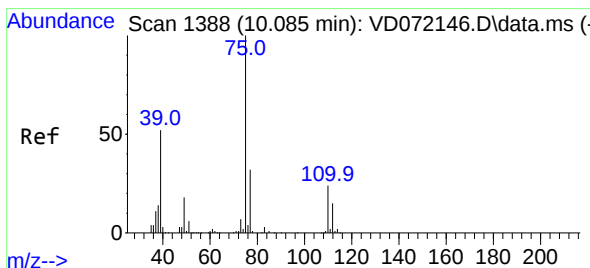
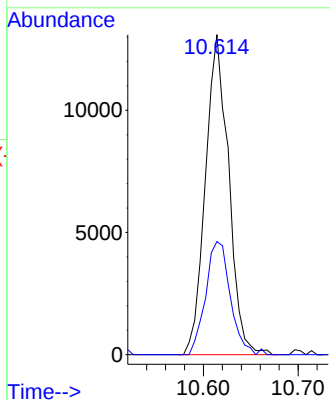
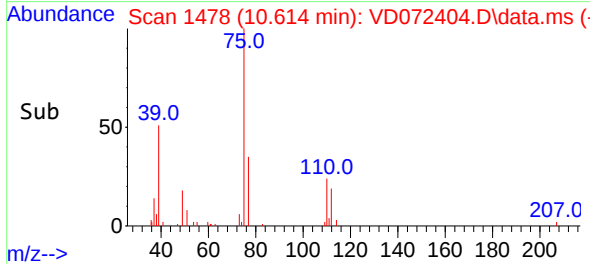
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



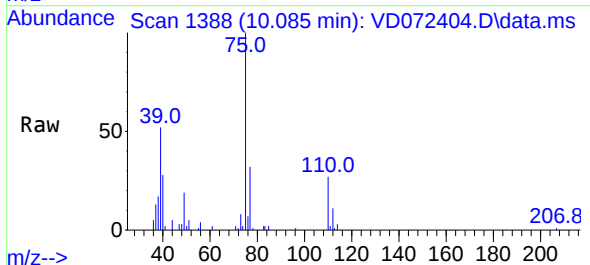
Tgt Ion: 75 Resp: 22320
Ion Ratio Lower Upper
75 100
77 35.3 24.5 36.7

Manual Integrations
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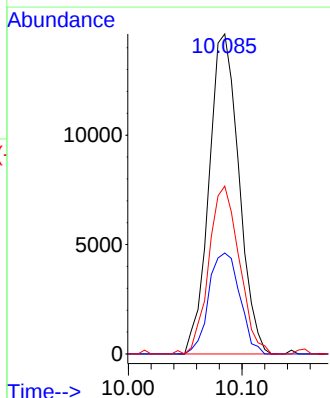
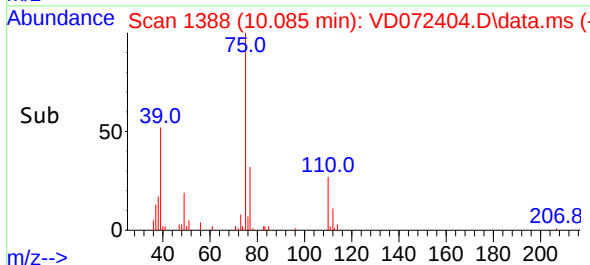
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

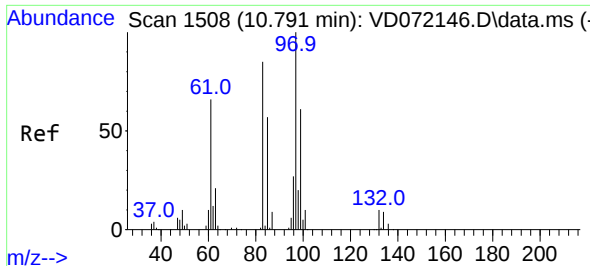


#54
cis-1,3-Dichloropropene
Concen: 3.967 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



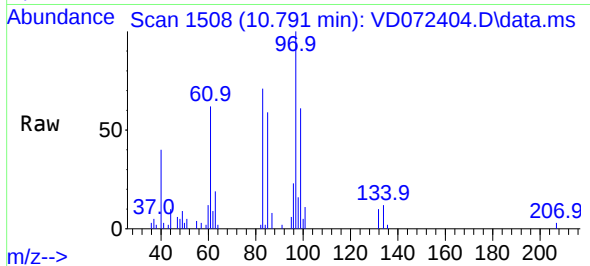
Tgt Ion: 75 Resp: 26775
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 52.5 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 5.060 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

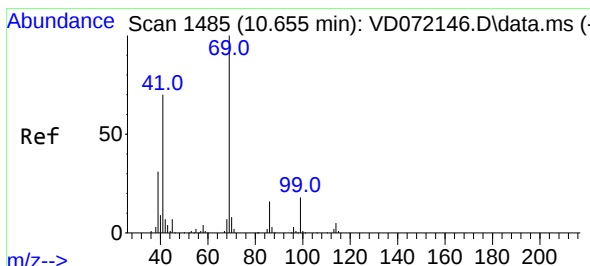
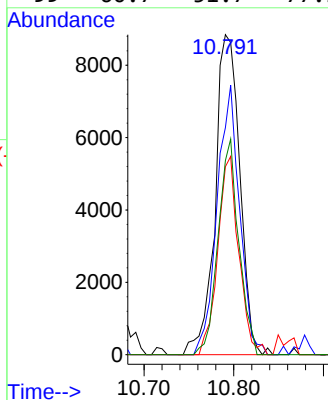
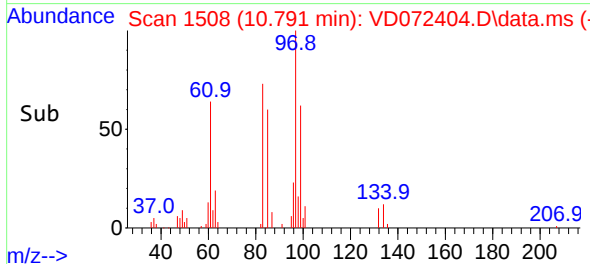
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



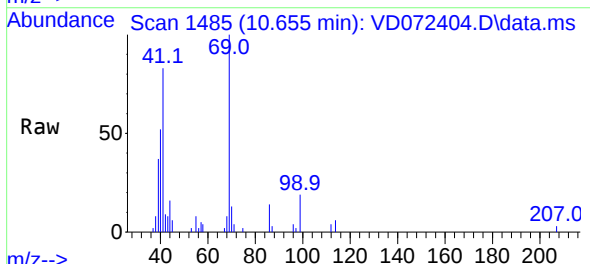
Tgt Ion: 97 Resp: 16898
Ion Ratio Lower Upper
97 100
83 70.9 69.0 103.4
85 58.8 42.6 63.8
99 60.7 51.7 77.5

Manual Integrations
APPROVED

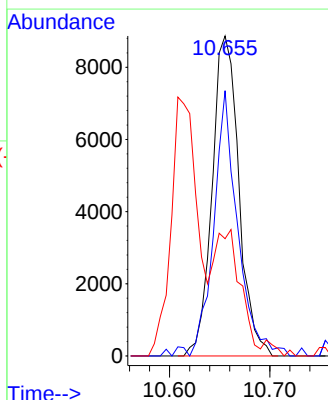
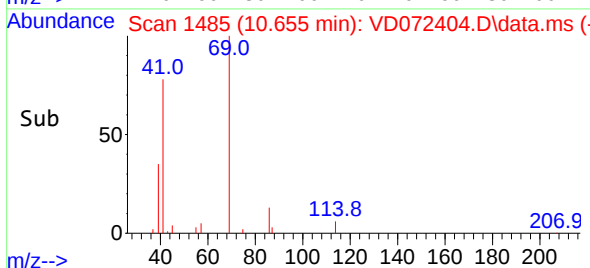
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

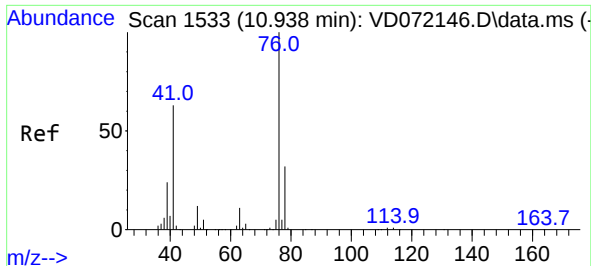


#56
Ethyl methacrylate
Concen: 4.201 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



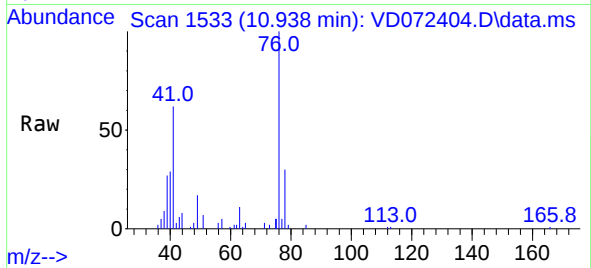
Tgt Ion: 69 Resp: 16432
Ion Ratio Lower Upper
69 100
41 75.5 63.0 94.6
39 39.3 33.8 50.8





#57
1,3-Dichloropropane
Concen: 4.472 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

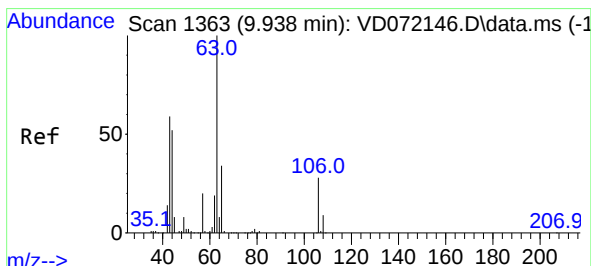
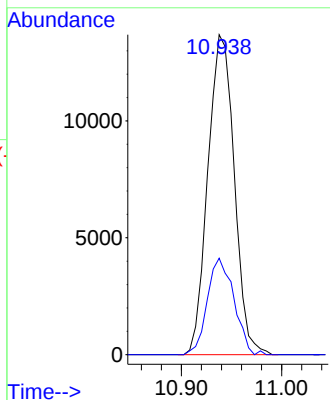
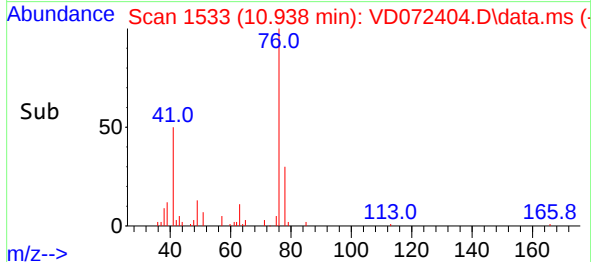
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



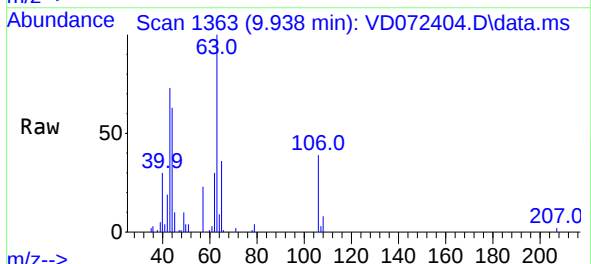
Tgt Ion: 76 Resp: 2506
Ion Ratio Lower Upper
76 100
78 30.4 26.0 39.0

Manual Integrations
APPROVED

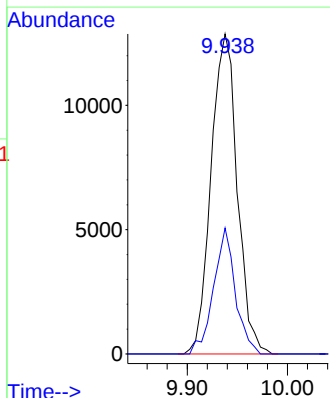
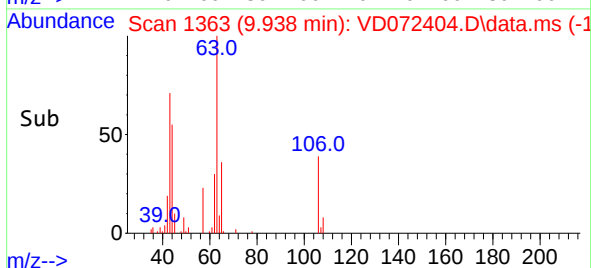
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

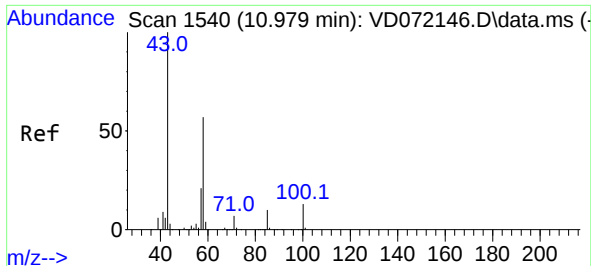


#58
2-Chloroethyl Vinyl ether
Concen: 13.282 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion: 63 Resp: 23358
Ion Ratio Lower Upper
63 100
106 32.7 21.4 32.0#





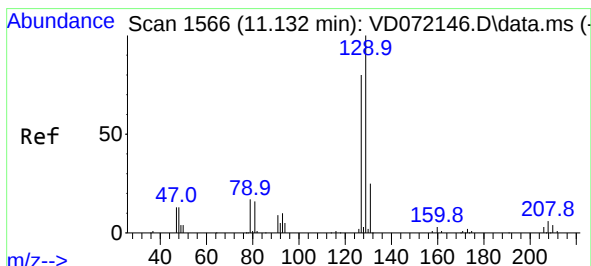
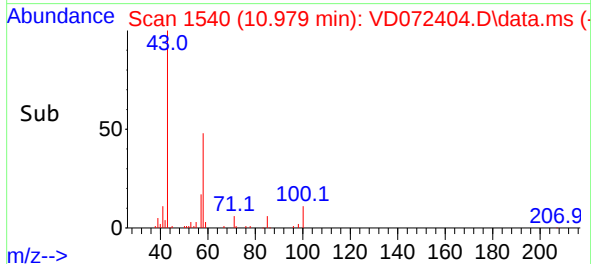
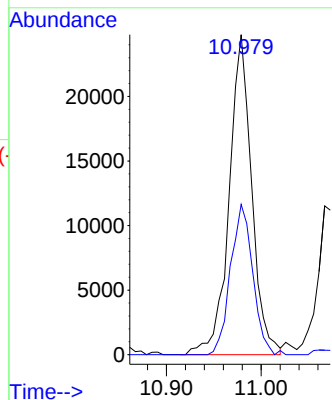
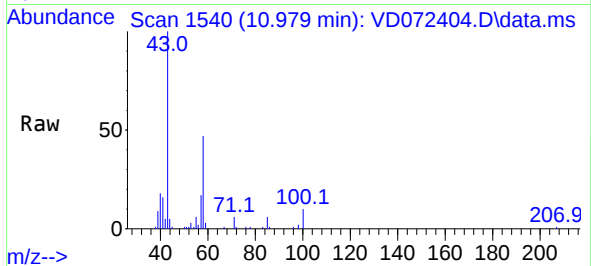
#59
2-Hexanone
Concen: 23.407 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 43 Resp: 41120
Ion Ratio Lower Upper
43 100
58 46.2 25.3 75.9

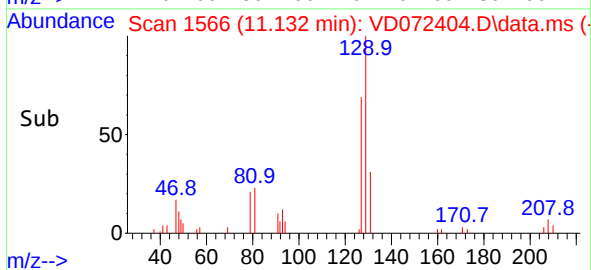
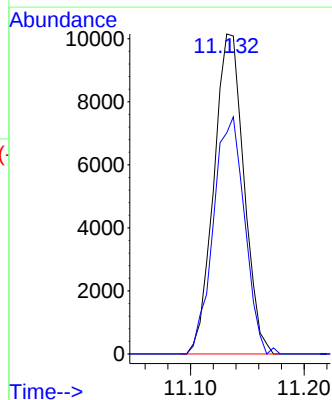
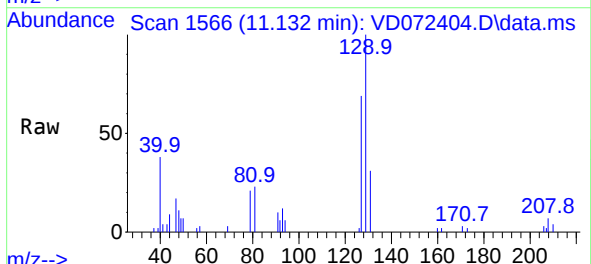
Manual Integrations
APPROVED

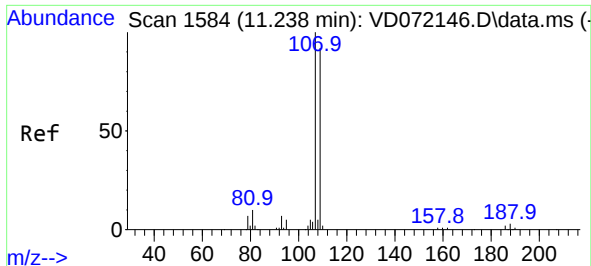
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#60
Dibromochloromethane
Concen: 4.309 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

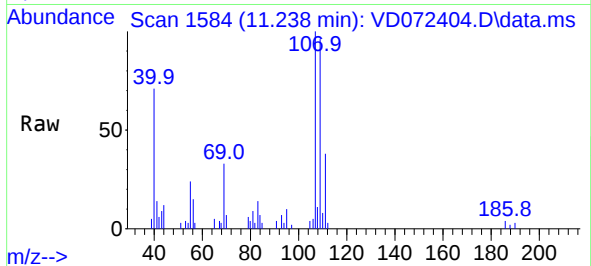
Tgt Ion:129 Resp: 18672
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.281 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

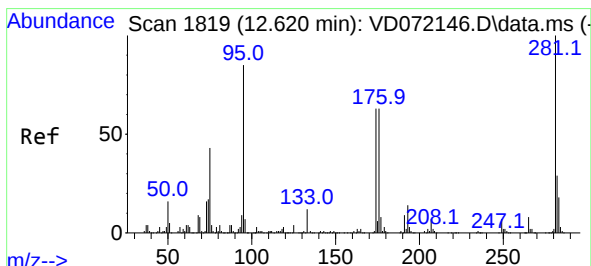
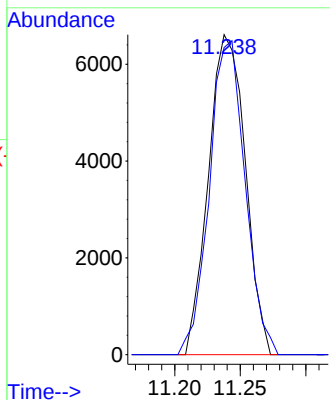
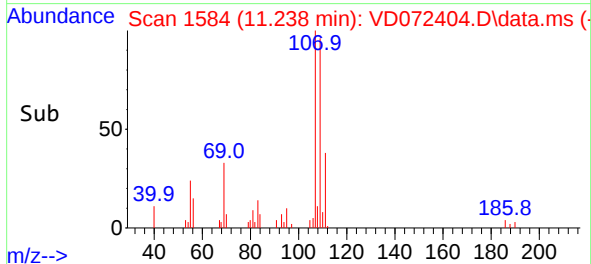
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



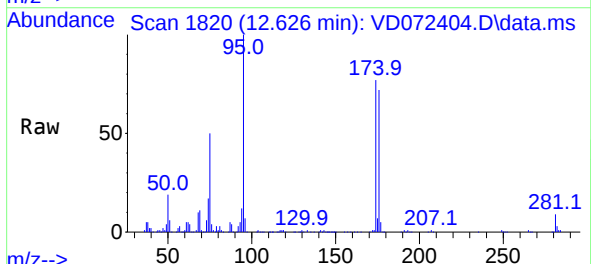
Tgt Ion:107 Resp: 12918
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

Manual Integrations
APPROVED

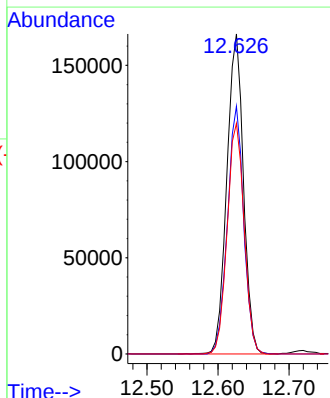
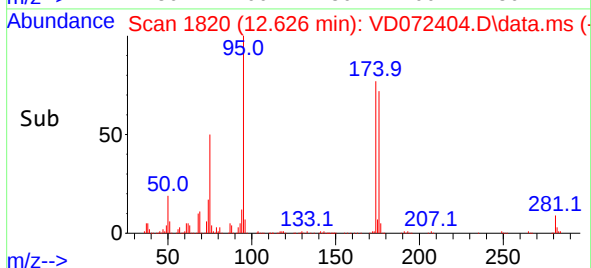
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

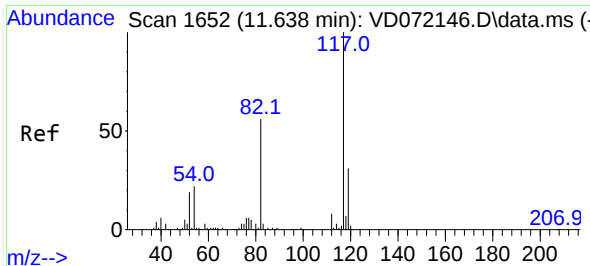


#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



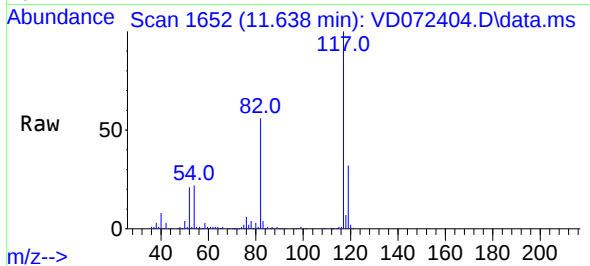
Tgt Ion: 95 Resp: 269546
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

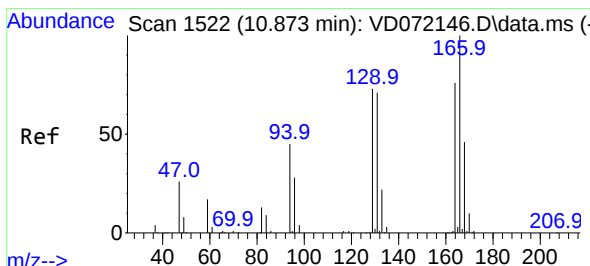
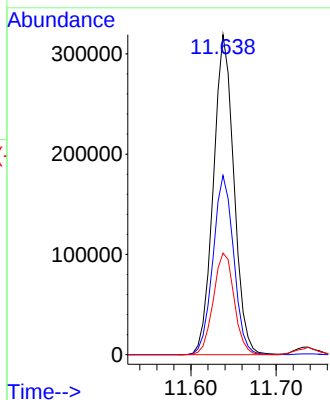
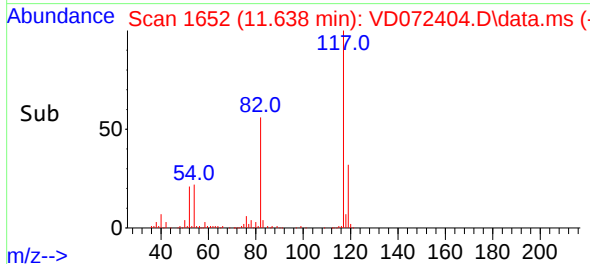
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



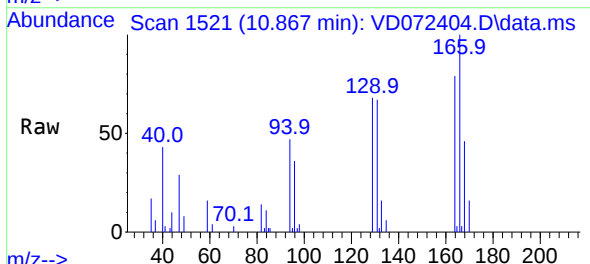
Tgt Ion:117 Resp: 53441
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 26.6 40.0

Manual Integrations
APPROVED

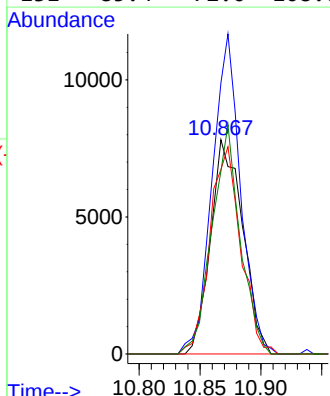
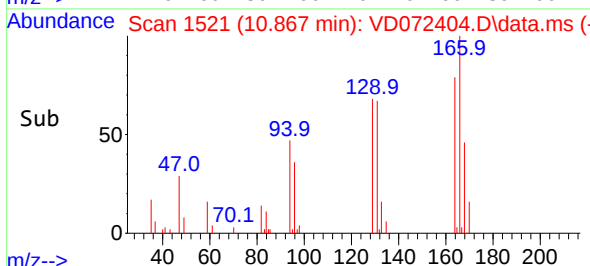
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

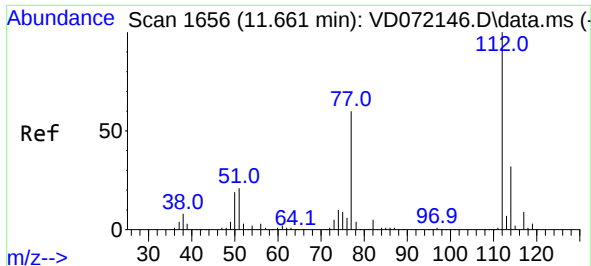


#64
Tetrachloroethene
Concen: 3.819 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



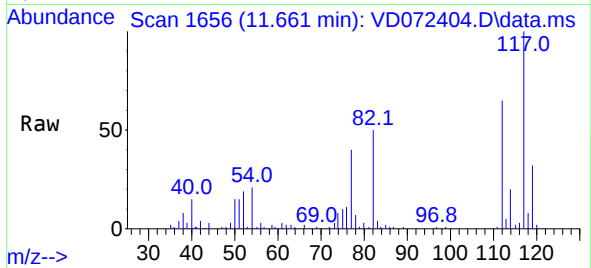
Tgt Ion:164 Resp: 14379
Ion Ratio Lower Upper
164 100
166 126.5 98.5 147.7
129 86.1 74.6 111.8
131 85.4 72.0 108.0





#65
Chlorobenzene
Concen: 4.032 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

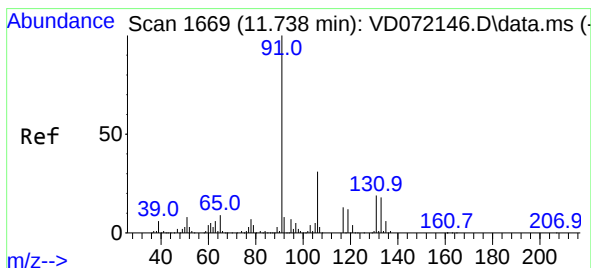
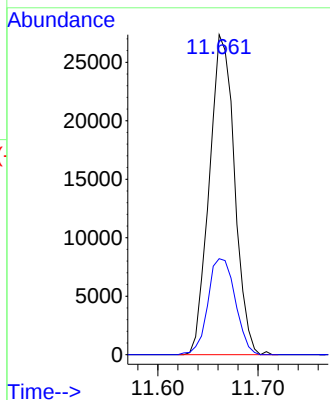
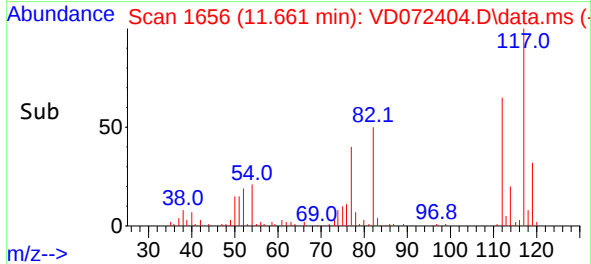
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



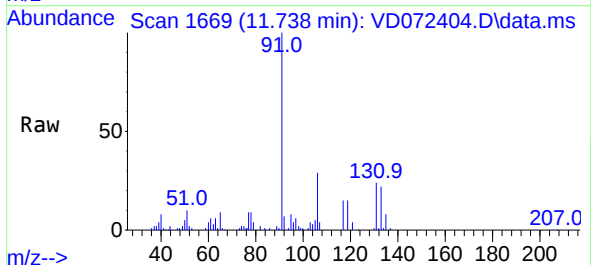
Tgt Ion:112 Resp: 47760
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6

Manual Integrations
APPROVED

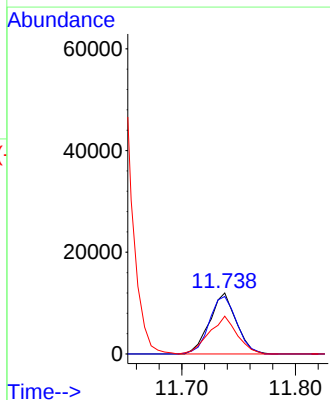
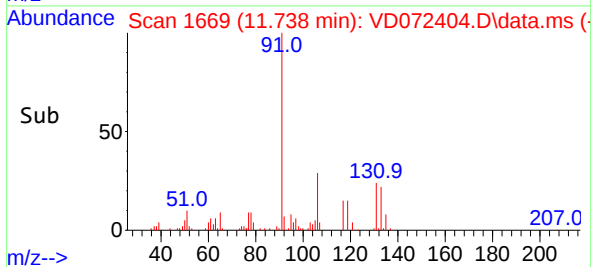
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

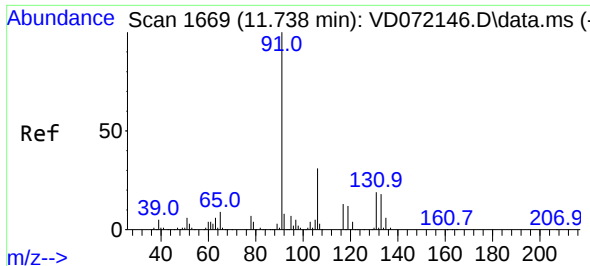


#66
1,1,1,2-Tetrachloroethane
Concen: 4.163 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



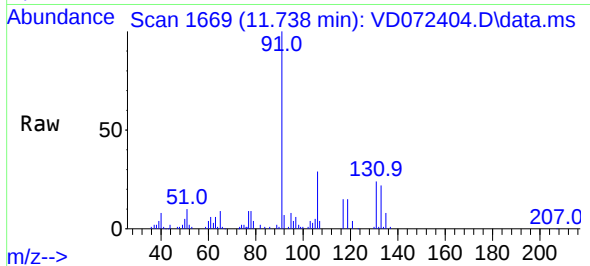
Tgt Ion:131 Resp: 19503
Ion Ratio Lower Upper
131 100
133 97.4 48.1 144.3
119 65.0 31.9 95.9





#67
Ethyl Benzene
Concen: 3.614 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

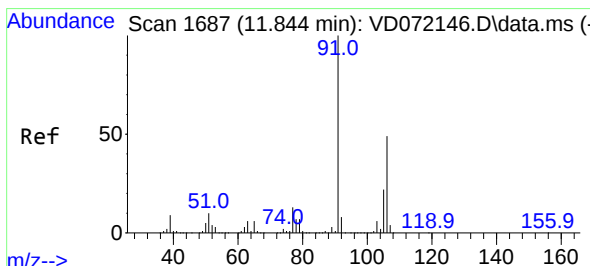
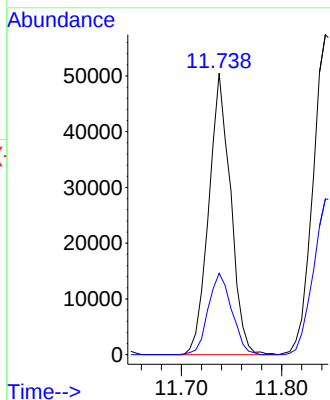
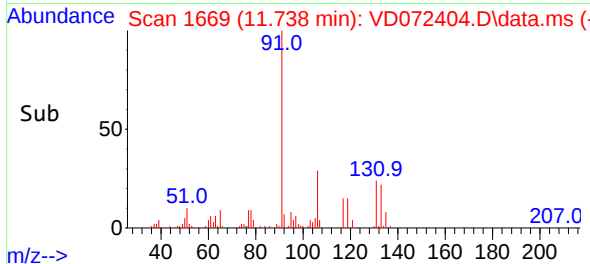
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



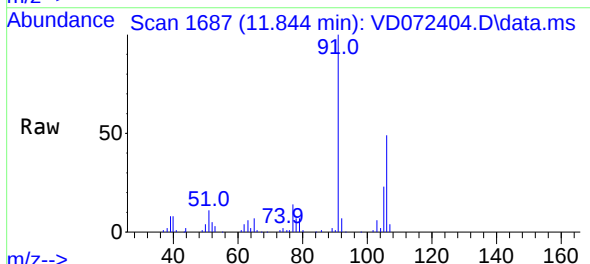
Tgt Ion: 91 Resp: 7648
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.4

Manual Integrations
APPROVED

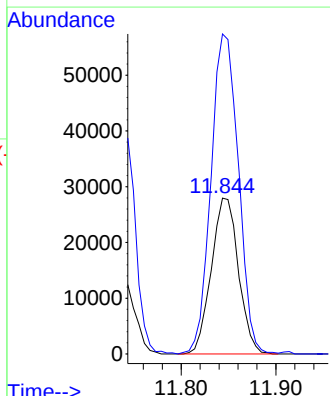
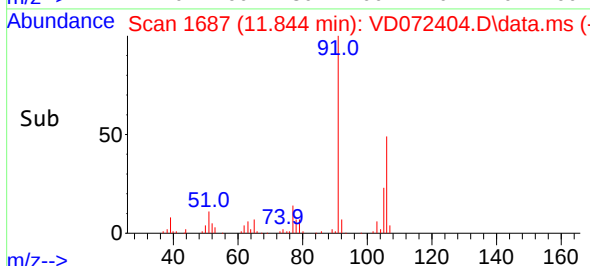
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

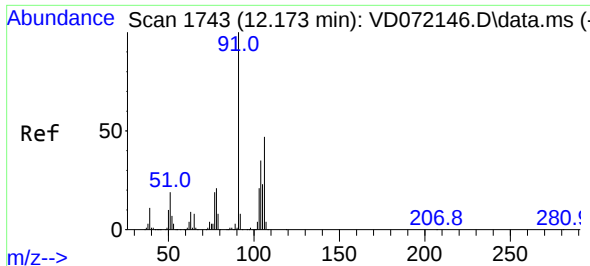


#68
m/p-Xylenes
Concen: 6.920 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



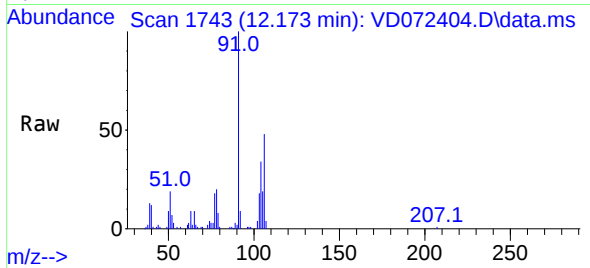
Tgt Ion:106 Resp: 55605
Ion Ratio Lower Upper
106 100
91 207.8 163.7 245.5





#69
o-Xylene
Concen: 3.701 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

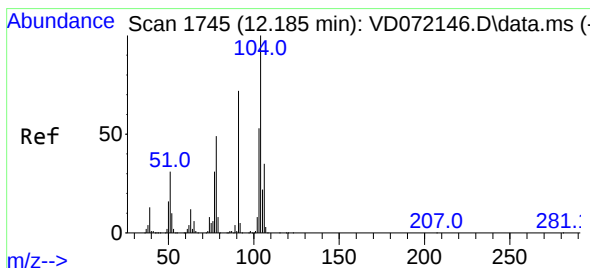
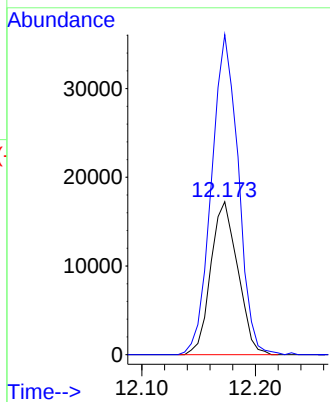
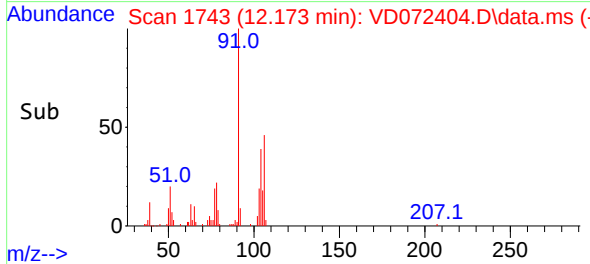
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



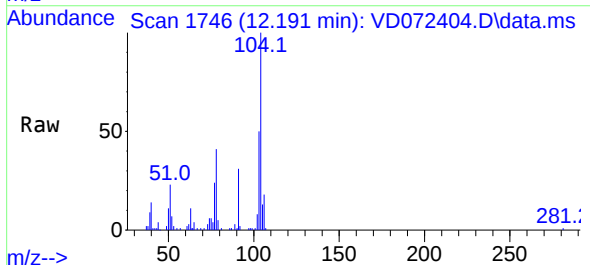
Tgt Ion:106 Resp: 2844
Ion Ratio Lower Upper
106 100
91 208.4 110.4 331.2

Manual Integrations
APPROVED

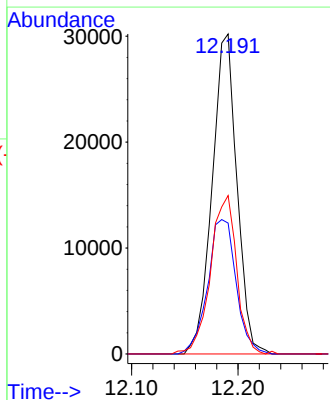
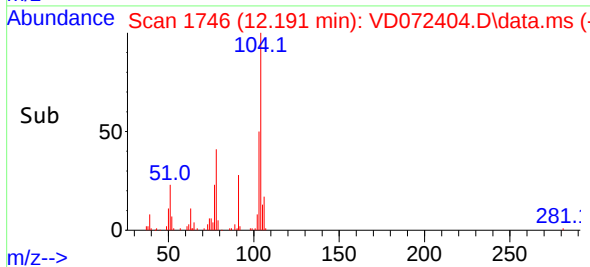
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

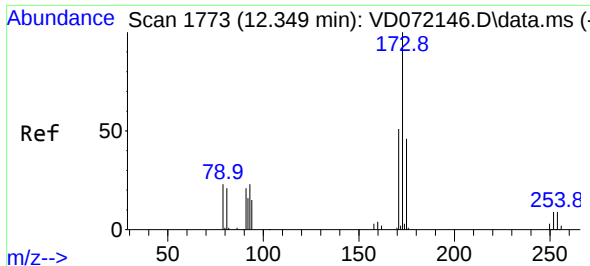


#70
Styrene
Concen: 3.632 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



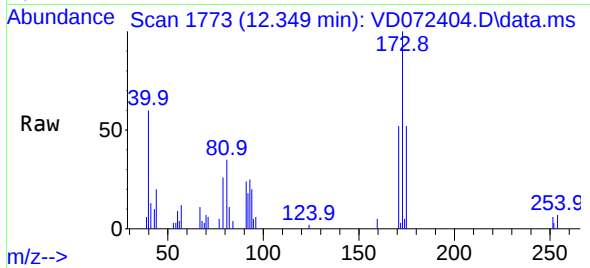
Tgt Ion:104 Resp: 48748
Ion Ratio Lower Upper
104 100
78 48.3 41.8 62.8
103 52.1 44.2 66.4





#71
Bromoform
Concen: 4.194 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

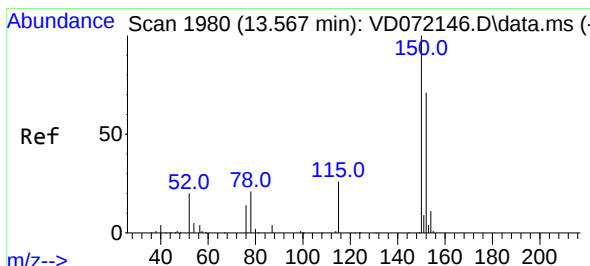
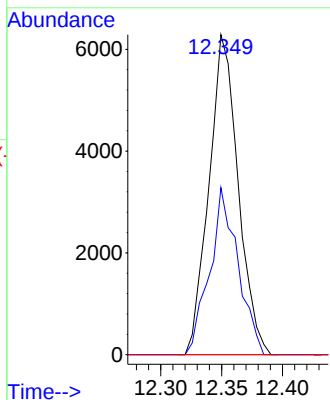
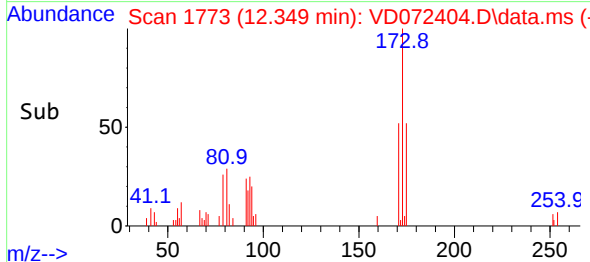
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



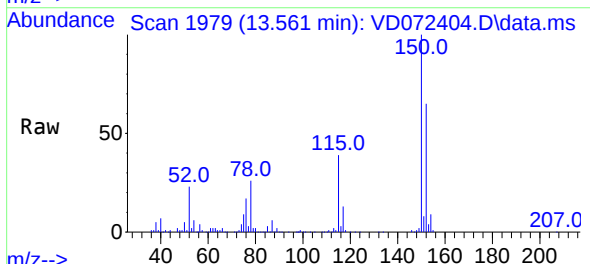
Tgt Ion:173 Resp: 10498
Ion Ratio Lower Upper
173 100
175 50.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

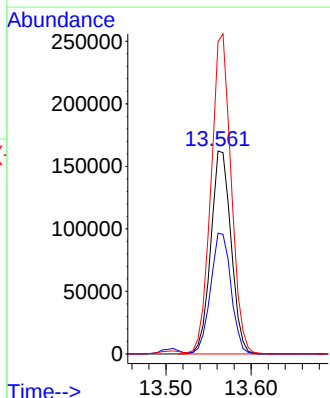
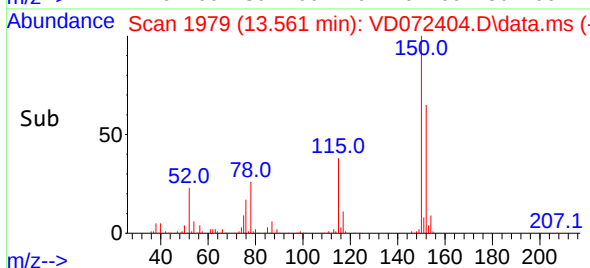
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

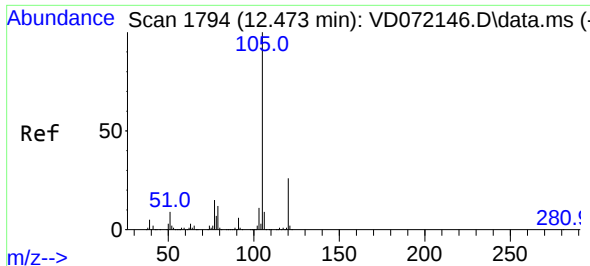


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



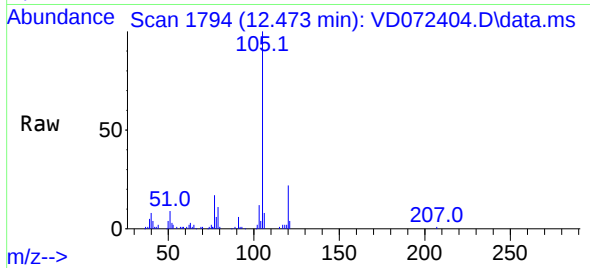
Tgt Ion:152 Resp: 268011
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.0 0.0 348.6





#73
Isopropylbenzene
Concen: 3.630 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

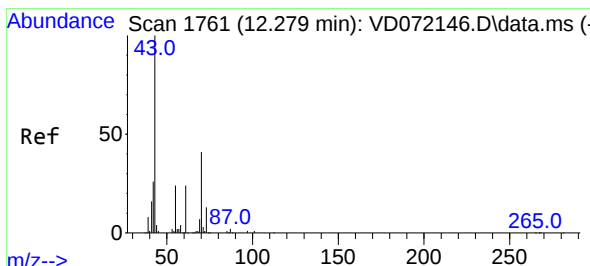
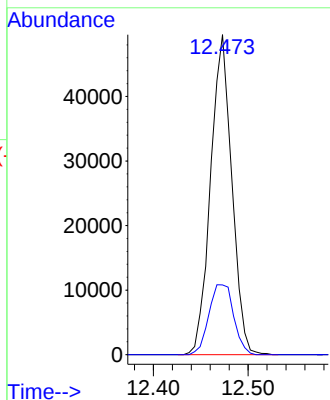
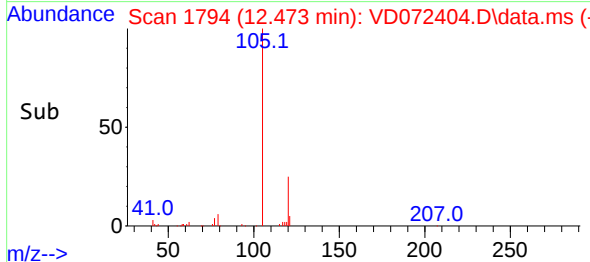
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



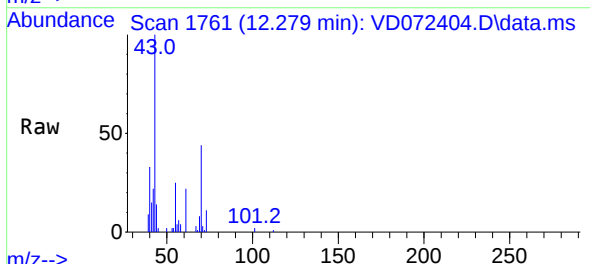
Tgt Ion:105 Resp: 77104
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

Manual Integrations
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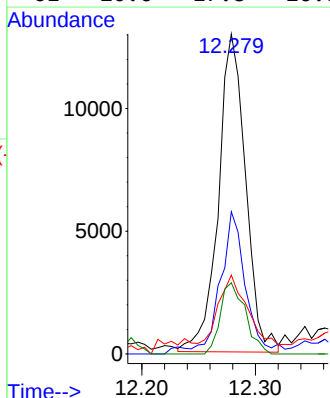
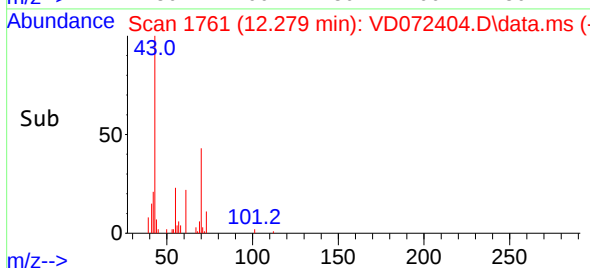
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

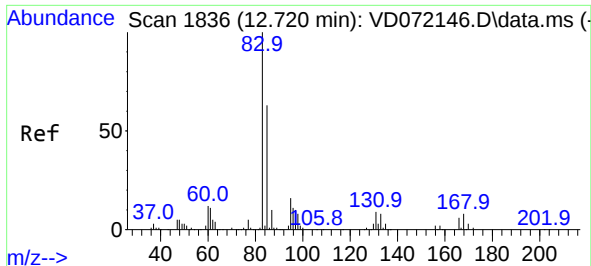


#74
N-ethyl acetate
Concen: 4.739 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



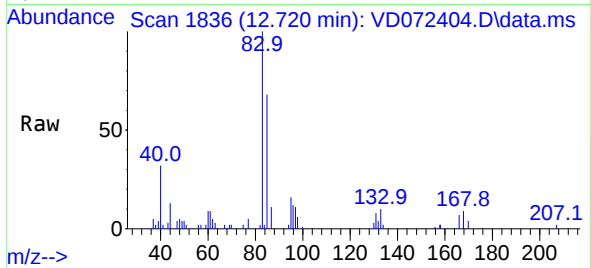
Tgt Ion: 43 Resp: 21629
Ion Ratio Lower Upper
43 100
70 37.2 31.3 46.9
55 30.7 20.0 30.0#
61 20.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.037 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

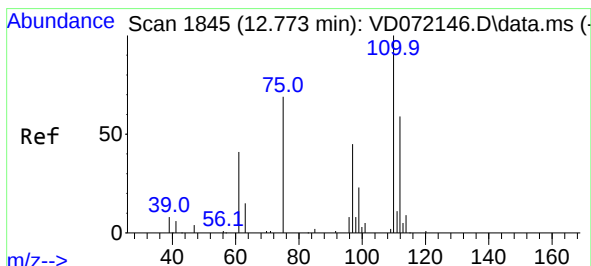
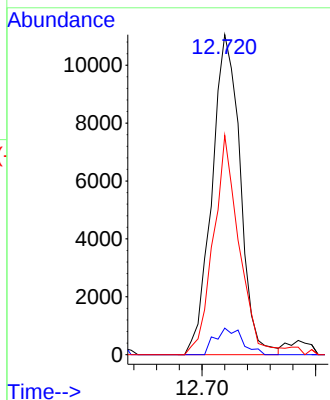
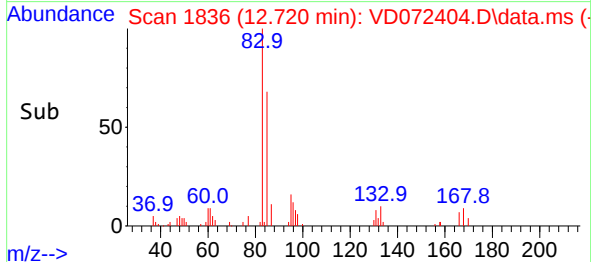
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



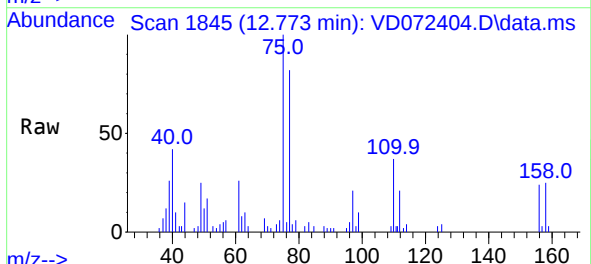
Tgt Ion: 83 Resp: 1913
Ion Ratio Lower Upper
83 100
131 8.0 5.0 14.9
85 62.7 32.6 98.0

Manual Integrations
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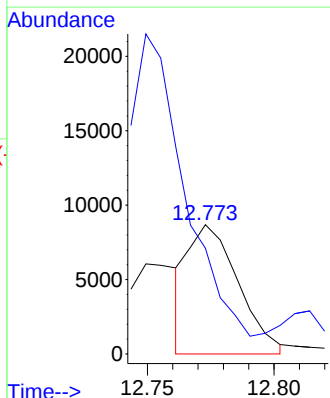
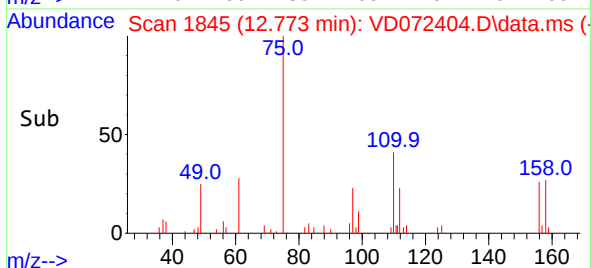
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

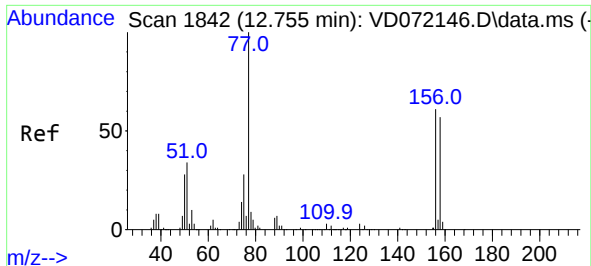


#76
1,2,3-Trichloropropane
Concen: 4.041 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



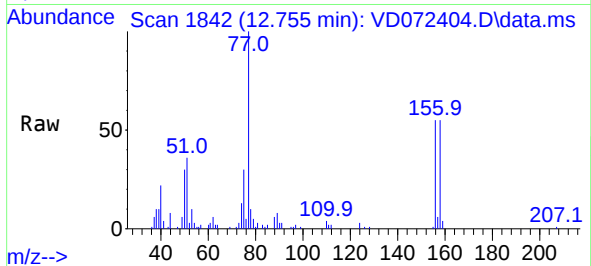
Tgt Ion: 75 Resp: 11948
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.152 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

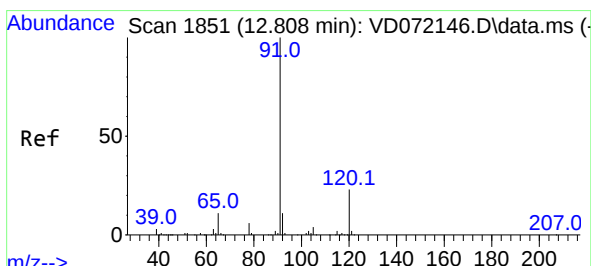
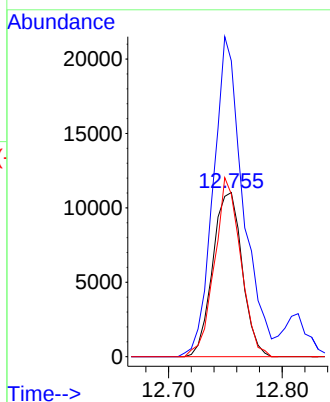
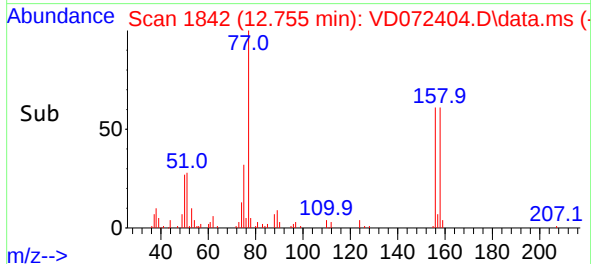
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



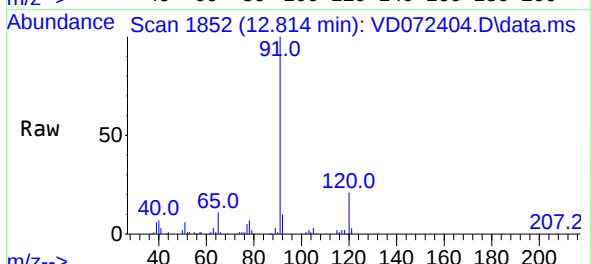
Tgt Ion:156 Resp: 1984
Ion Ratio Lower Upper
156 100
77 198.1 102.8 308.3
158 97.3 48.7 146.1

Manual Integrations
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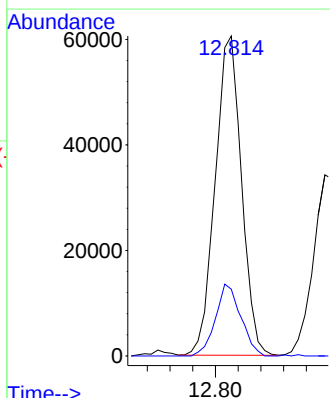
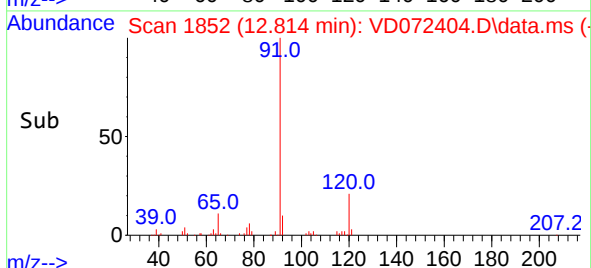
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

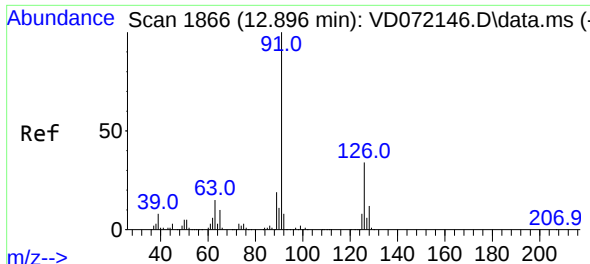


#78
n-propylbenzene
Concen: 3.770 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion: 91 Resp: 97246
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





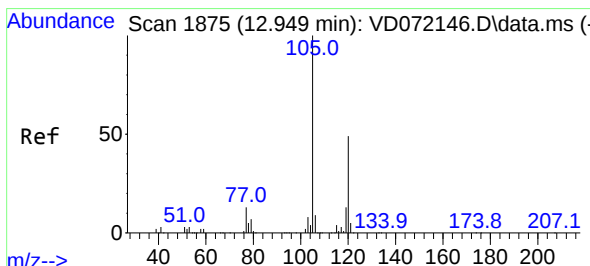
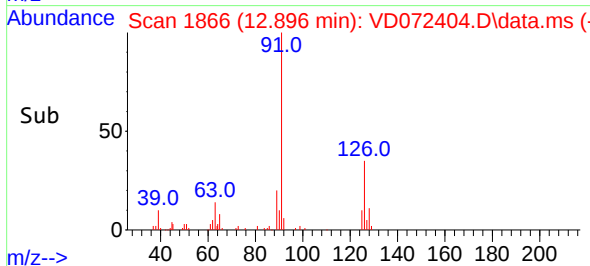
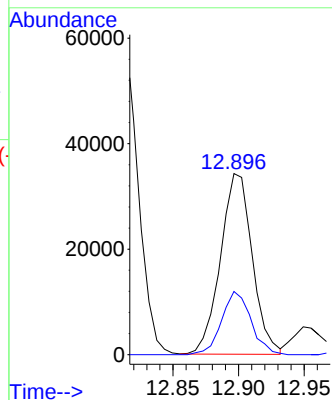
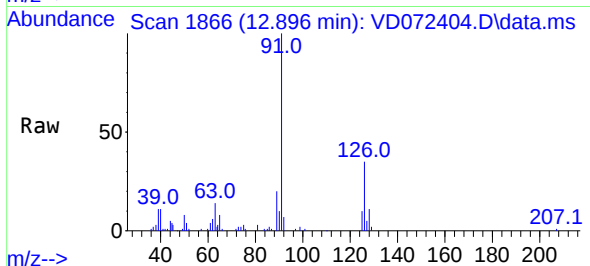
#79
2-Chlorotoluene
Concen: 3.879 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 91 Resp: 57864
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

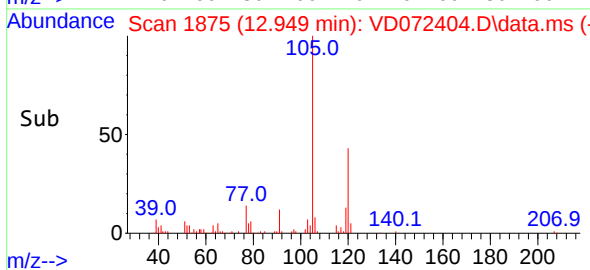
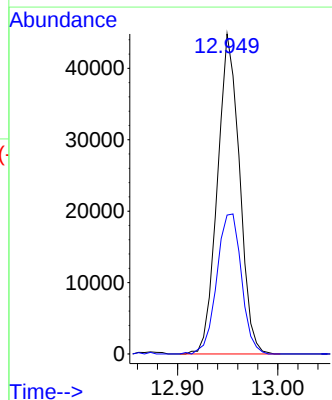
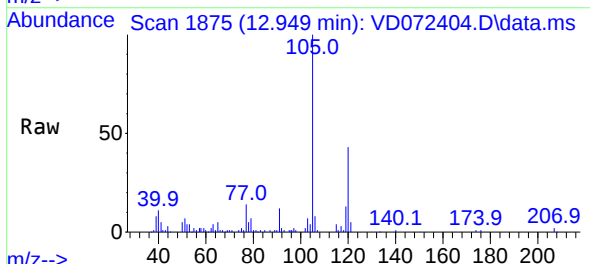
Manual Integrations
APPROVED

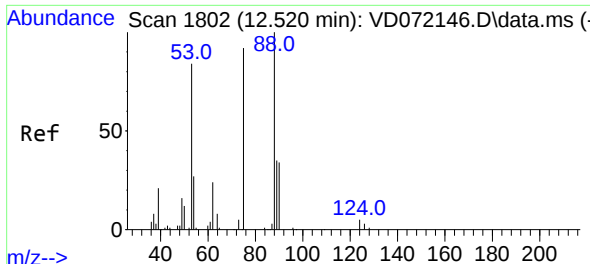
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.750 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

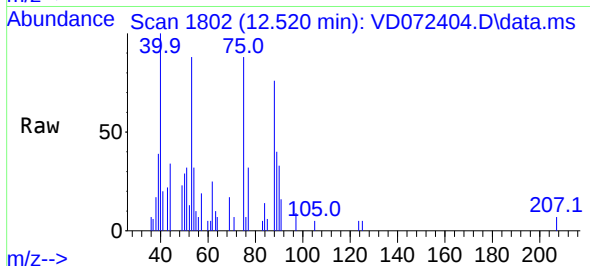
Tgt Ion:105 Resp: 68427
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 3.974 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

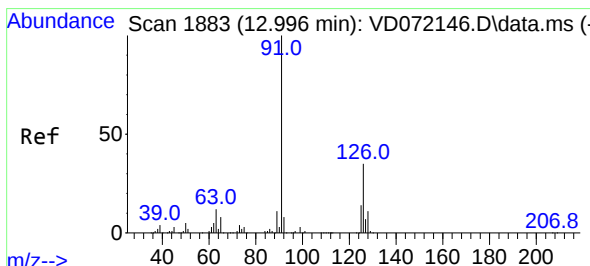
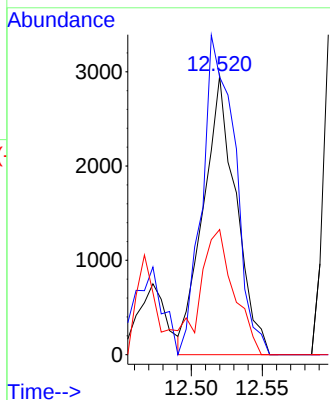
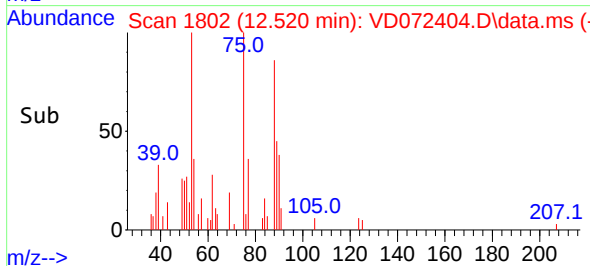
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



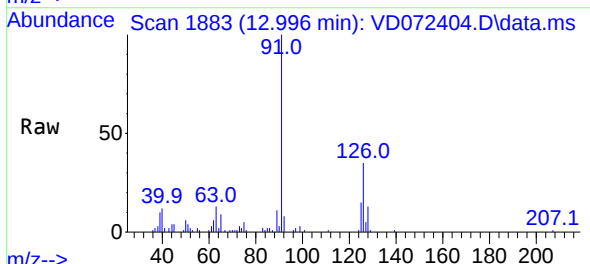
Tgt Ion: 75 Resp: 4738
Ion Ratio Lower Upper
75 100
53 115.1 86.5 129.7
89 45.8 33.9 50.9

Manual Integrations
APPROVED

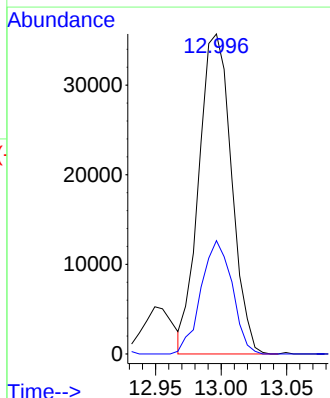
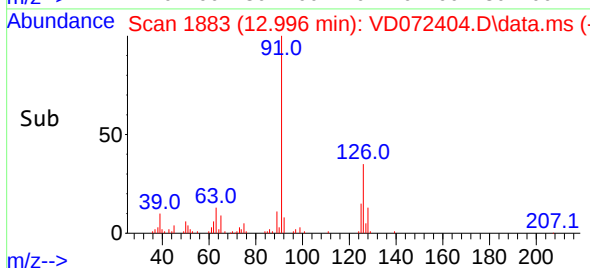
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

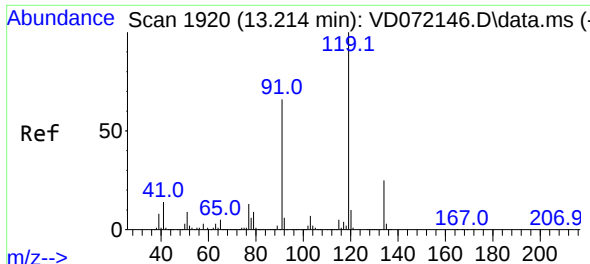


#82
4-Chlorotoluene
Concen: 4.010 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



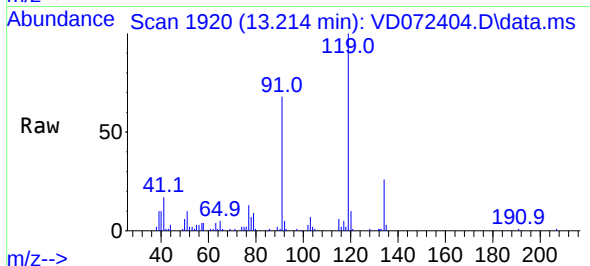
Tgt Ion: 91 Resp: 61943
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 3.598 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

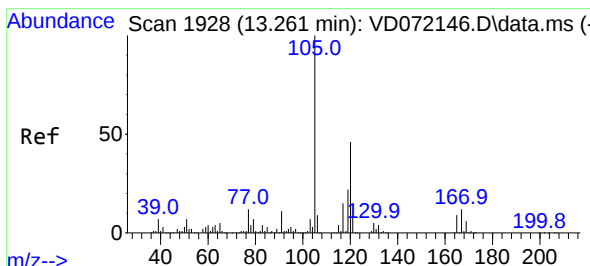
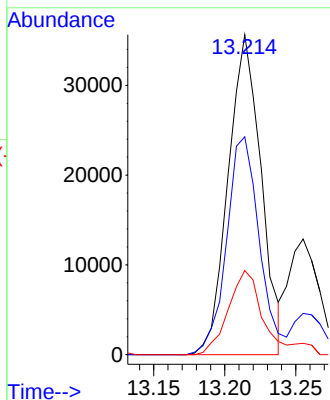
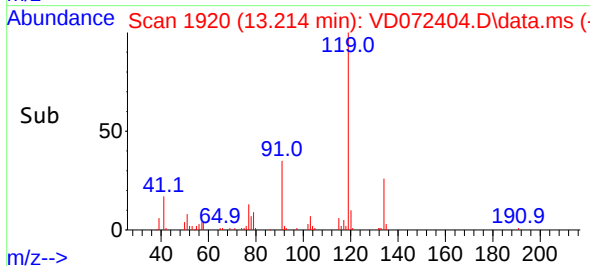
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



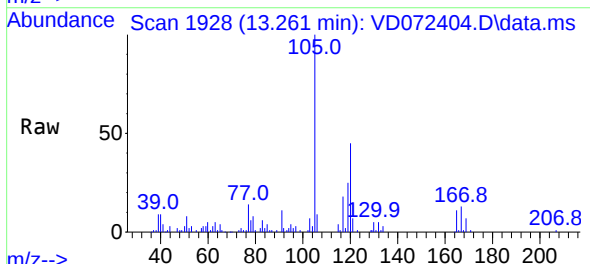
Tgt Ion:119 Resp: 57554
Ion Ratio Lower Upper
119 100
91 68.0 34.8 104.5
134 28.8 13.3 39.9

Manual Integrations
APPROVED

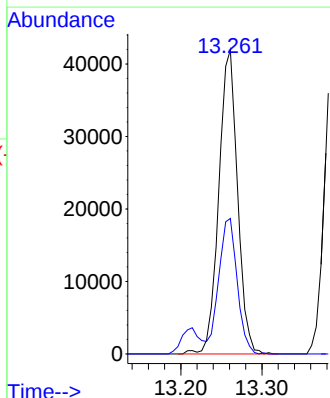
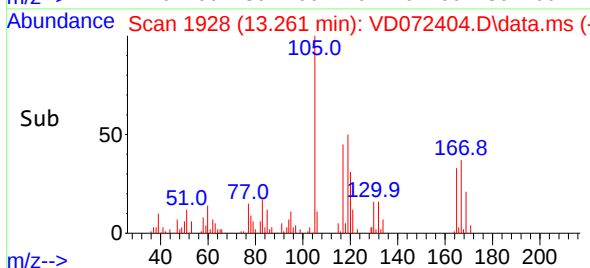
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

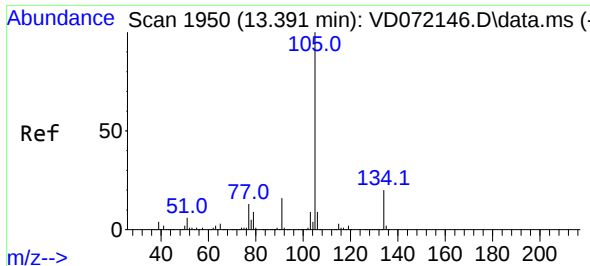


#84
1,2,4-Trimethylbenzene
Concen: 3.745 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion:105 Resp: 67327
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8





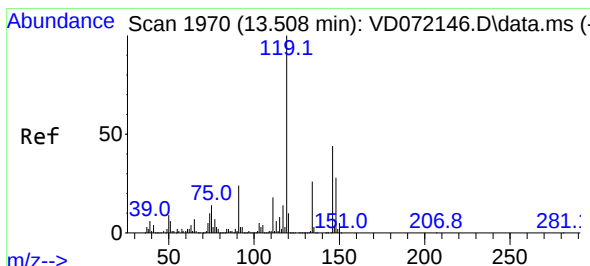
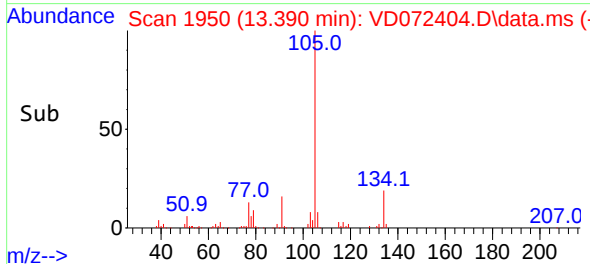
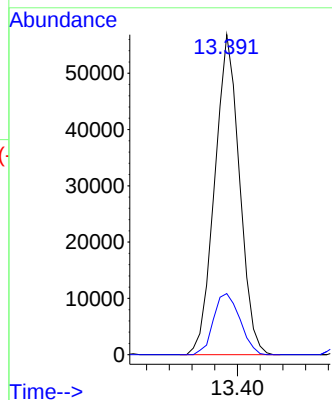
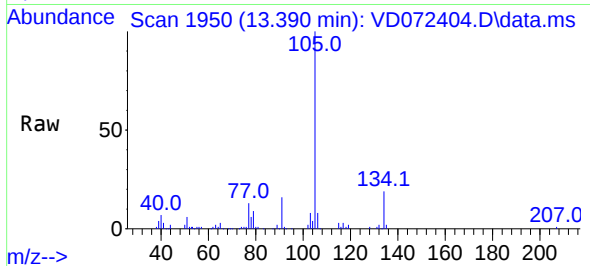
#85
sec-Butylbenzene
Concen: 3.588 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:105 Resp: 8620
Ion Ratio Lower Upper
105 100
134 20.3 9.8 29.3

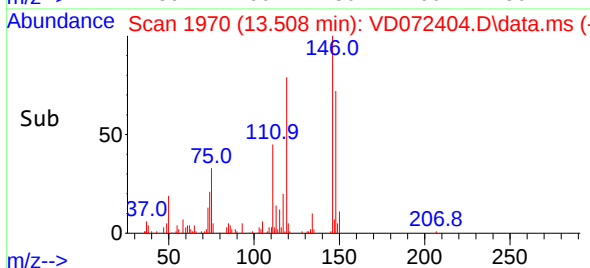
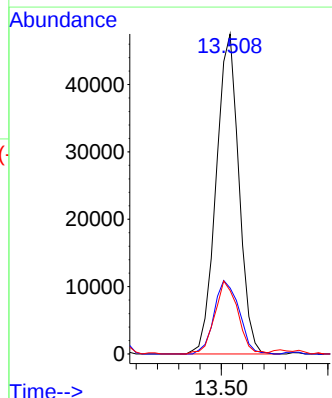
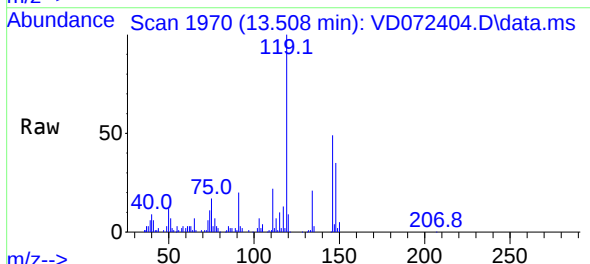
Manual Integrations
APPROVED

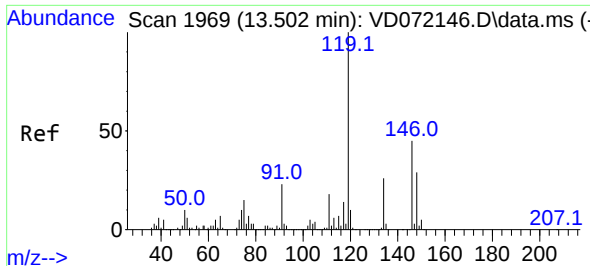
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
p-Isopropyltoluene
Concen: 3.546 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:119 Resp: 70100
Ion Ratio Lower Upper
119 100
134 25.3 12.9 38.6
91 23.3 12.1 36.3





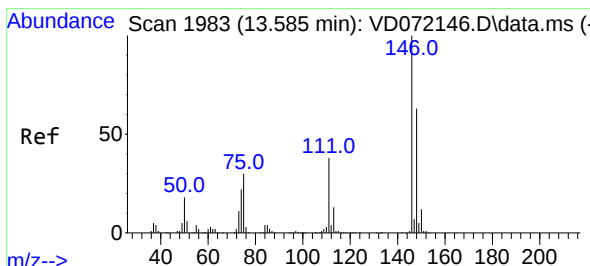
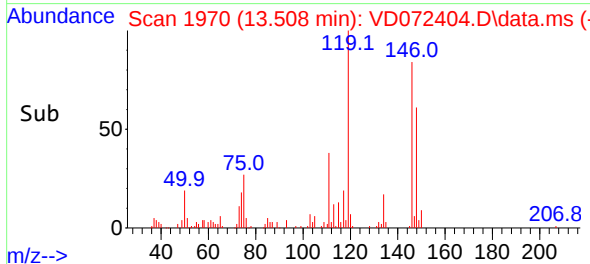
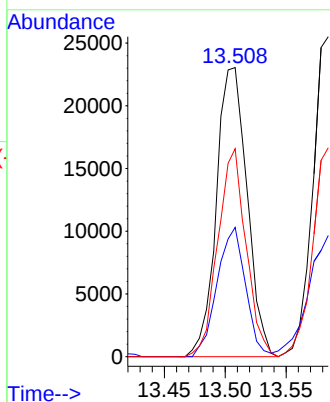
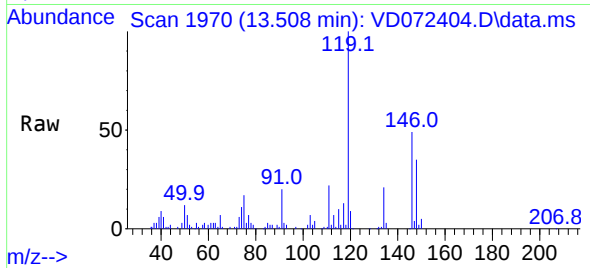
#87
1,3-Dichlorobenzene
Concen: 4.036 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:146 Resp: 40438
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 66.0 31.9 95.7

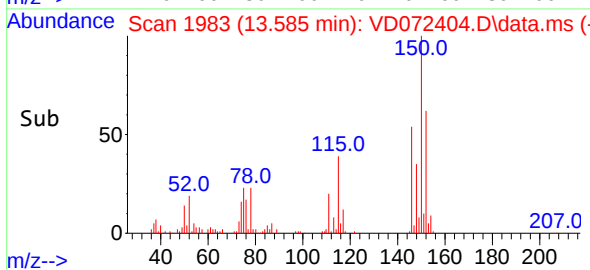
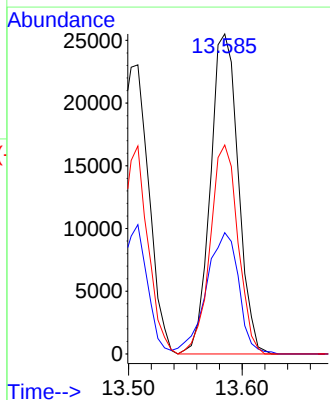
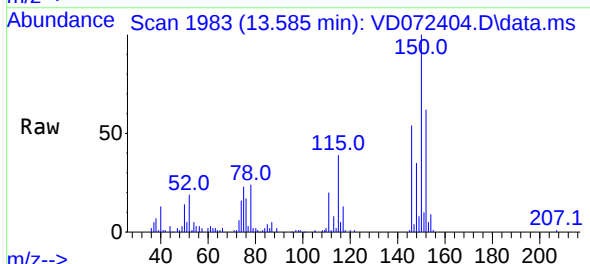
Manual Integrations
APPROVED

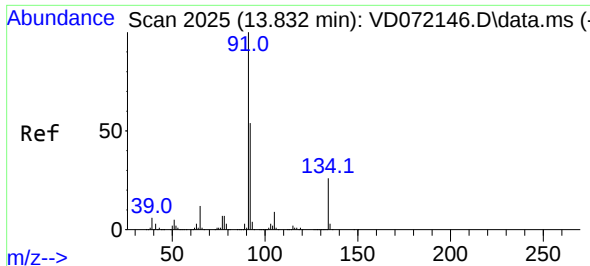
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#88
1,4-Dichlorobenzene
Concen: 4.382 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

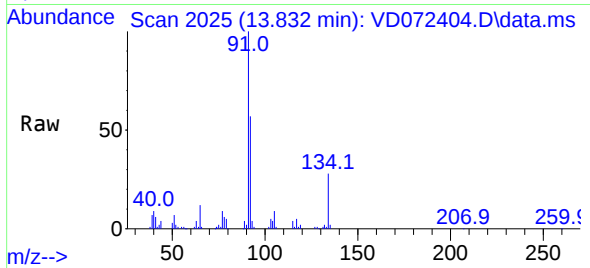
Tgt Ion:146 Resp: 43529
Ion Ratio Lower Upper
146 100
111 44.3 20.3 60.9
148 65.2 31.7 95.1





#89
n-Butylbenzene
Concen: 3.615 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

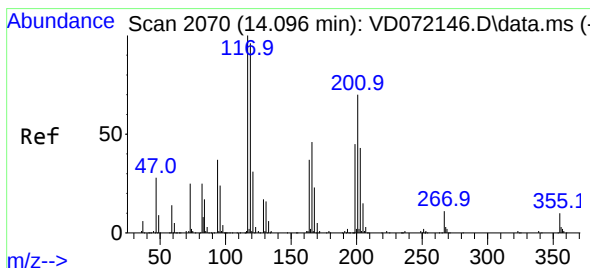
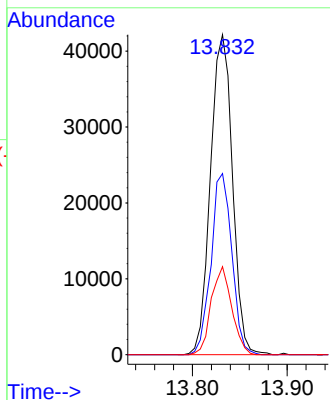
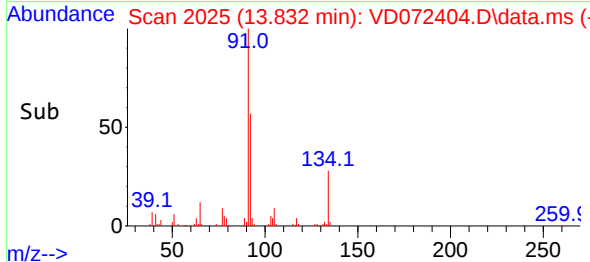
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



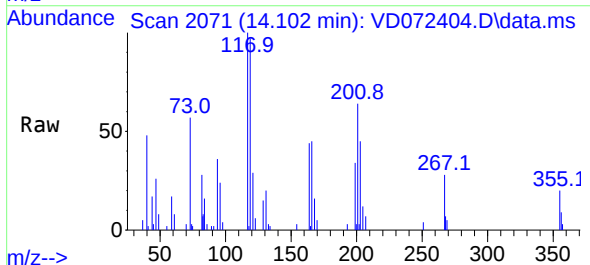
Tgt Ion: 91 Resp: 68119
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.7 12.3 36.9

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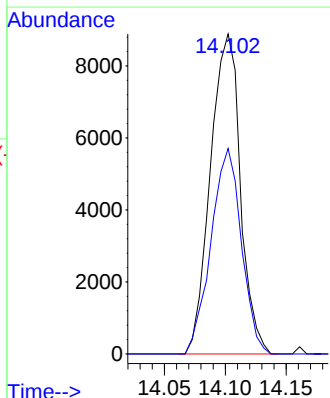
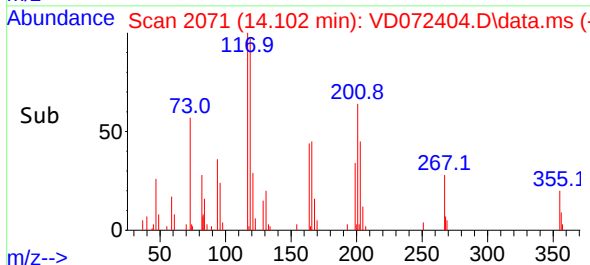
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

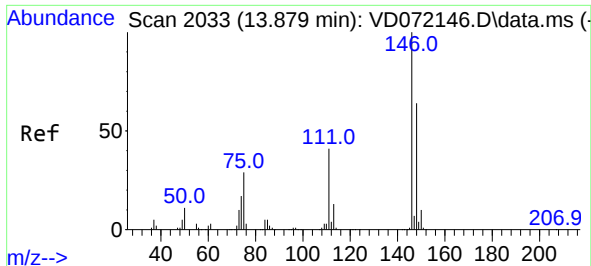


#90
Hexachloroethane
Concen: 3.927 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion:117 Resp: 15215
Ion Ratio Lower Upper
117 100
201 65.2 33.4 100.2





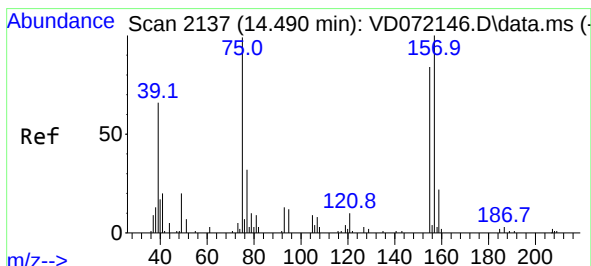
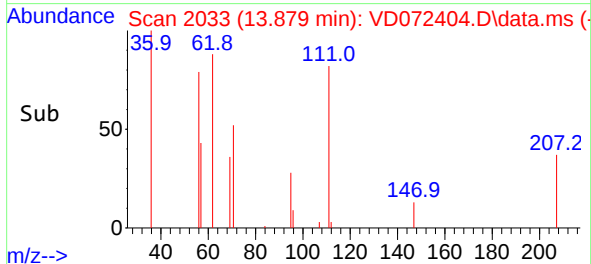
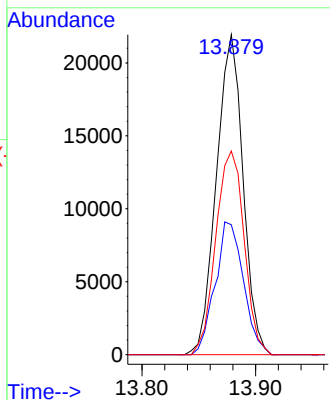
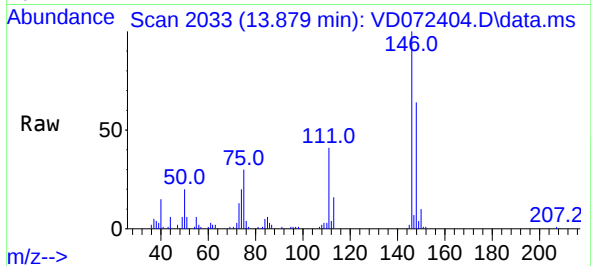
#91
1,2-Dichlorobenzene
Concen: 4.095 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:146 Resp: 35770
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.3
148 67.9 31.7 95.1

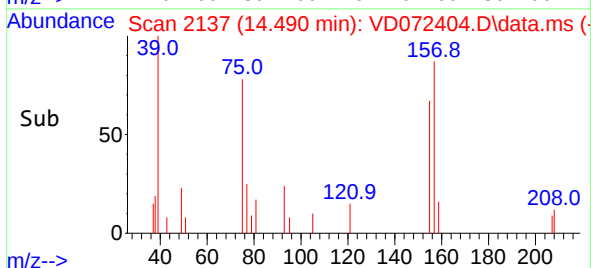
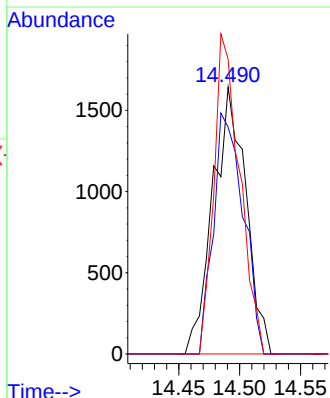
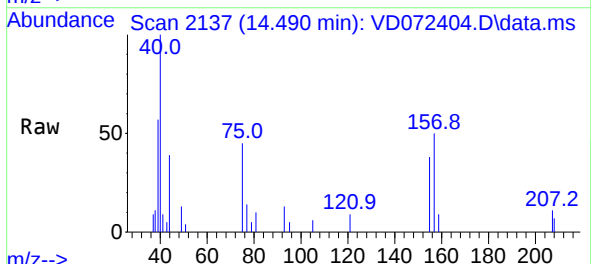
Manual Integrations
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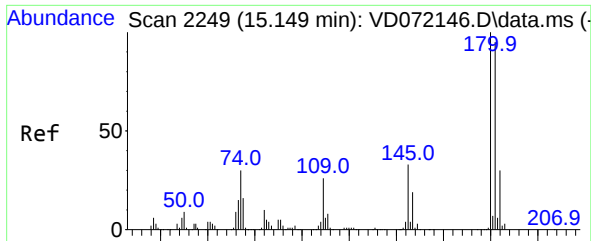
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.097 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

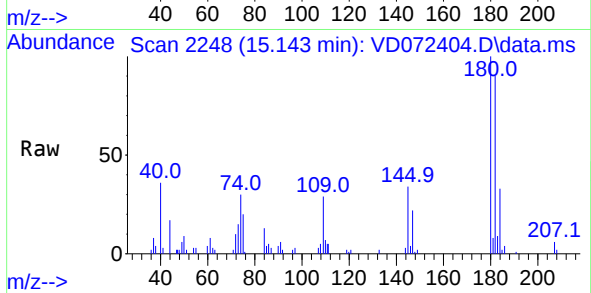
Tgt Ion: 75 Resp: 3090
Ion Ratio Lower Upper
75 100
155 81.6 36.8 110.3
157 93.8 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 3.853 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

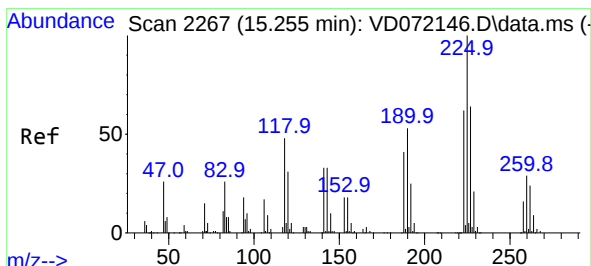
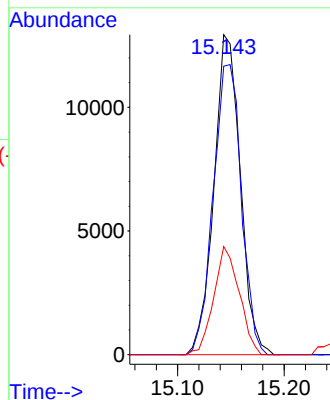
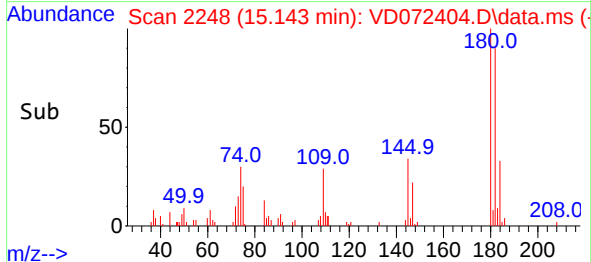
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



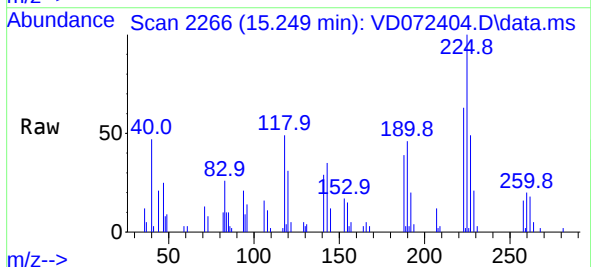
Tgt Ion:180 Resp: 2228
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 32.6 16.2 48.5

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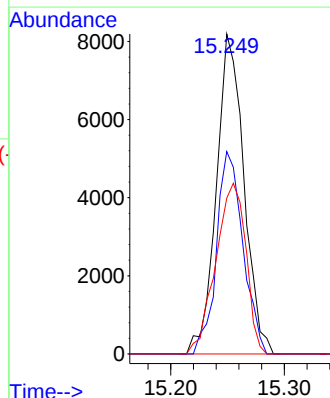
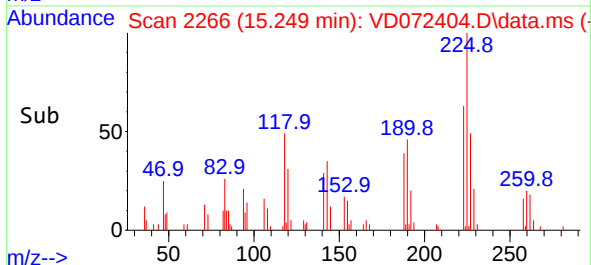
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

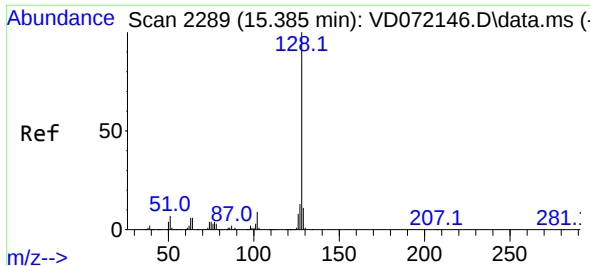


#94
Hexachlorobutadiene
Concen: 4.099 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



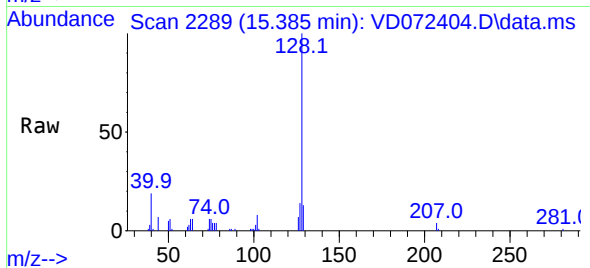
Tgt Ion:225 Resp: 13790
Ion Ratio Lower Upper
225 100
223 60.9 31.1 93.2
227 58.4 32.4 97.0





#95
Naphthalene
Concen: 3.810 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

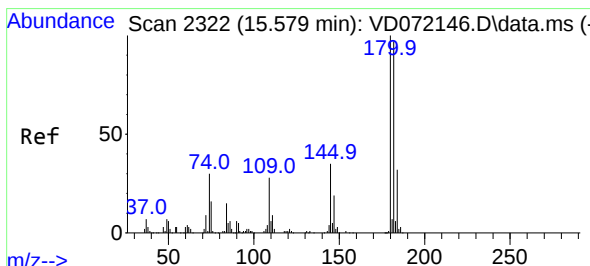
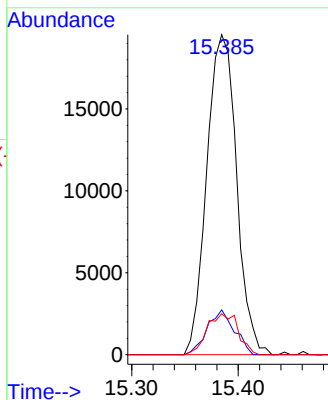
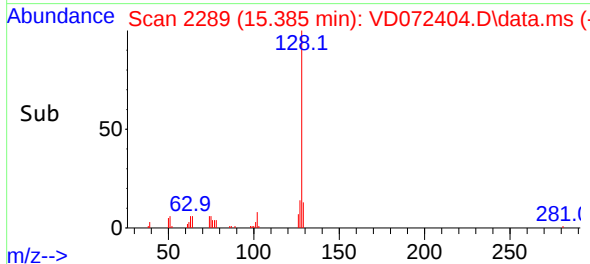
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



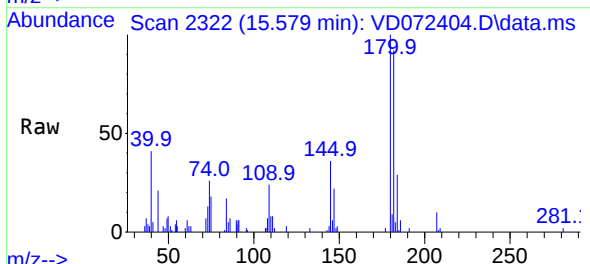
Tgt Ion:128 Resp: 37970
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 13.4 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 3.947 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion:180 Resp: 19757
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 35.3 17.1 51.3

