

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074218.D
 Acq On : 24 Aug 2022 12:42
 Operator : VA/SY
 Sample : N3980-01 4PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Aug 25 06:54:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 06:53:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	139575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	232972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	219978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71561	50.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.340%			
35) Dibromofluoromethane	7.908	113	77730	49.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.760%			
50) Toluene-d8	10.332	98	229344	45.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.460%			
62) 4-Bromofluorobenzene	12.620	95	96077	48.491	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	7020	5.994	ug/l	95
3) Chloromethane	2.209	50	4312	5.167	ug/l	90
4) Vinyl Chloride	2.350	62	4267	4.871	ug/l #	86
5) Bromomethane	2.767	94	3202	5.660	ug/l	82
6) Chloroethane	2.920	64	2585	4.547	ug/l #	85
7) Trichlorofluoromethane	3.267	101	12530	4.923	ug/l	90
8) Diethyl Ether	3.709	74	3024	4.422	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	7461	4.845	ug/l	94
10) Methyl Iodide	4.297	142	5537	3.278	ug/l #	79
11) Tert butyl alcohol	5.232	59	2490	28.036	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	5802	4.213	ug/l #	73
13) Acrolein	3.926	56	805	19.308	ug/l	91
14) Allyl chloride	4.703	41	9142	4.240	ug/l	94
15) Acrylonitrile	5.426	53	6762	21.265	ug/l	97
16) Acetone	4.156	43	6879	25.316	ug/l	96
17) Carbon Disulfide	4.403	76	15416	3.824	ug/l	97
18) Methyl Acetate	4.708	43	5424	6.332	ug/l #	86
19) Methyl tert-butyl Ether	5.479	73	13681	4.148	ug/l	96
20) Methylene Chloride	4.956	84	22815	10.719	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	7332	4.553	ug/l #	81
22) Diisopropyl ether	6.355	45	16137	3.650	ug/l	95
23) Vinyl Acetate	6.297	43	34917m	15.450	ug/l	
24) 1,1-Dichloroethane	6.250	63	13389	4.593	ug/l #	90
25) 2-Butanone	7.214	43	9168	21.795	ug/l	92
26) 2,2-Dichloropropane	7.197	77	12700	4.835	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	7833	4.329	ug/l	93
28) Bromochloromethane	7.538	49	4278	4.855	ug/l #	89
29) Tetrahydrofuran	7.561	42	5071	19.975	ug/l #	86
30) Chloroform	7.697	83	13837	4.502	ug/l #	83
31) Cyclohexane	7.973	56	12792	5.039	ug/l #	68
32) 1,1,1-Trichloroethane	7.897	97	13494	4.738	ug/l	93
36) 1,1-Dichloropropene	8.108	75	9768	4.147	ug/l	95
37) Ethyl Acetate	7.297	43	4200	4.523	ug/l #	92
38) Carbon Tetrachloride	8.091	117	10503	4.151	ug/l	96
39) Methylcyclohexane	9.344	83	9798	3.646	ug/l	96
40) Benzene	8.344	78	27561	4.151	ug/l	94

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 Supervised By :Mahesh Dadoda 08/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	2280	4.084	ug/l #	88
42) 1,2-Dichloroethane	8.408	62	8498	4.342	ug/l	94
43) Isopropyl Acetate	8.444	43	7734	4.140	ug/l #	87
44) Trichloroethene	9.108	130	8023	4.168	ug/l	89
45) 1,2-Dichloropropane	9.379	63	6830	4.121	ug/l	98
46) Dibromomethane	9.467	93	4365	4.721	ug/l	98
47) Bromodichloromethane	9.649	83	10823	4.501	ug/l	99
48) Methyl methacrylate	9.449	41	3383	3.917	ug/l	88
49) 1,4-Dioxane	9.444	88	731	69.677	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	17785	19.058	ug/l	95
52) Toluene	10.391	92	18691	4.283	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	8884	4.074	ug/l #	85
54) cis-1,3-Dichloropropene	10.079	75	10602	4.100	ug/l #	77
55) 1,1,2-Trichloroethane	10.785	97	5466	4.323	ug/l #	88
56) Ethyl methacrylate	10.649	69	5605	3.880	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	9286	4.394	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	7764	17.756	ug/l #	87
59) 2-Hexanone	10.973	43	12201	19.391	ug/l	97
60) Dibromochloromethane	11.126	129	6961	4.239	ug/l	90
61) 1,2-Dibromoethane	11.232	107	5457	4.424	ug/l	99
64) Tetrachloroethene	10.873	164	7887	4.913	ug/l #	87
65) Chlorobenzene	11.661	112	20004	4.173	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	7746	4.298	ug/l	97
67) Ethyl Benzene	11.732	91	30556	3.724	ug/l	90
68) m/p-Xylenes	11.838	106	22844	6.990	ug/l	98
69) o-Xylene	12.167	106	10481	3.476	ug/l	95
70) Styrene	12.179	104	18166	3.514	ug/l	99
71) Bromoform	12.349	173	4469	4.559	ug/l #	96
73) Isopropylbenzene	12.467	105	29070	3.523	ug/l	99
74) N-amyl acetate	12.273	43	6123	3.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	6601	4.479	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	5333m	4.792	ug/l	
77) Bromobenzene	12.749	156	7767	3.973	ug/l	90
78) n-propylbenzene	12.802	91	37666	3.732	ug/l	99
79) 2-Chlorotoluene	12.890	91	21864	3.752	ug/l	92
80) 1,3,5-Trimethylbenzene	12.943	105	24764	3.493	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.514	75	1513	3.496	ug/l	92
82) 4-Chlorotoluene	12.990	91	23416	3.798	ug/l	98
83) tert-Butylbenzene	13.208	119	21493	3.599	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	23922	3.467	ug/l	97
85) sec-Butylbenzene	13.384	105	32522	3.603	ug/l	99
86) p-Isopropyltoluene	13.496	119	25498	3.423	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	16908	4.275	ug/l	97
88) 1,4-Dichlorobenzene	13.573	146	16317	4.095	ug/l	89
89) n-Butylbenzene	13.826	91	26324	3.729	ug/l	98
90) Hexachloroethane	14.090	117	6615	4.378	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	14122	4.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	928	3.846	ug/l	85
93) 1,2,4-Trichlorobenzene	15.137	180	8389	3.997	ug/l	97
94) Hexachlorobutadiene	15.243	225	4647	3.946	ug/l	99
95) Naphthalene	15.373	128	13306	3.504	ug/l	95
96) 1,2,3-Trichlorobenzene	15.573	180	7054	3.854	ug/l	97

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QLast Update : Thu Aug 25 06:53:57 2022
Response via : Initial Calibration

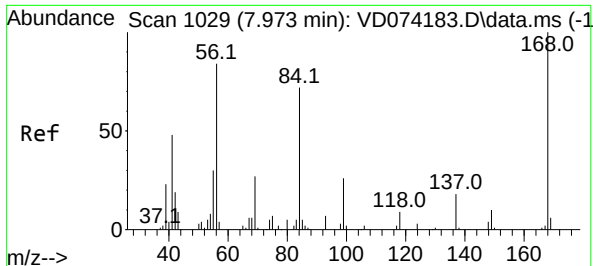
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Manual Integrations
APPROVED

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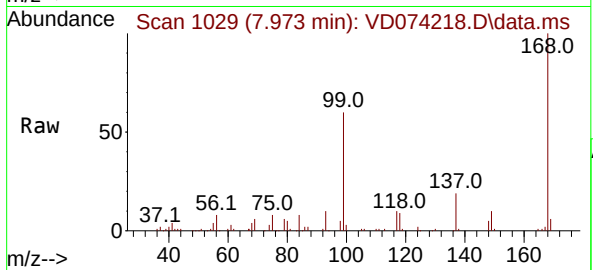
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074218.D
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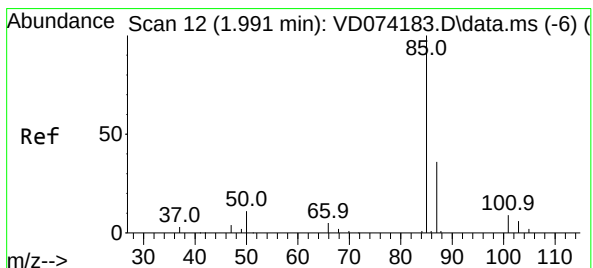
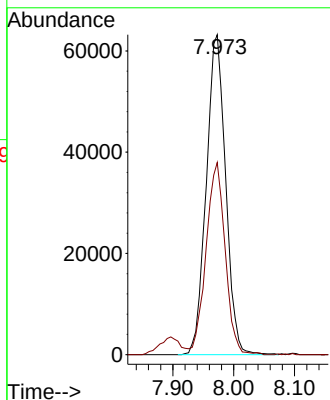
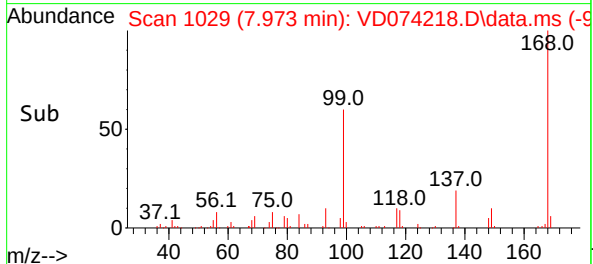
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:168 Resp: 139579
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6

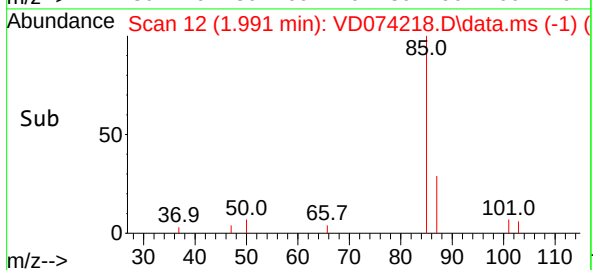
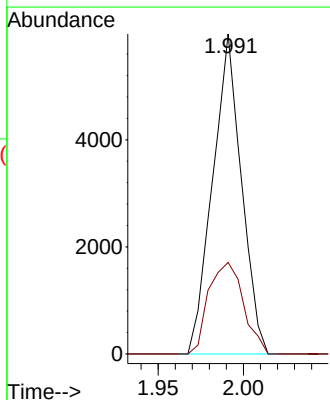
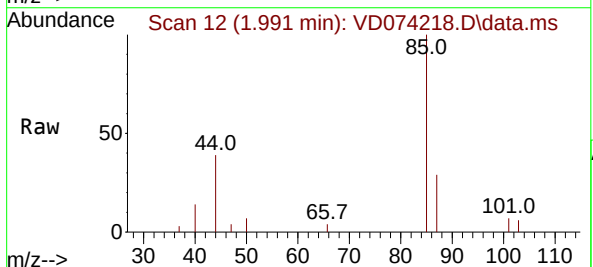
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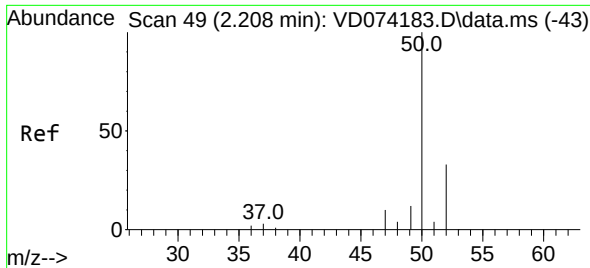
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#2
Dichlorodifluoromethane
Concen: 5.994 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 85 Resp: 7020
Ion Ratio Lower Upper
85 100
87 28.6 15.7 47.0





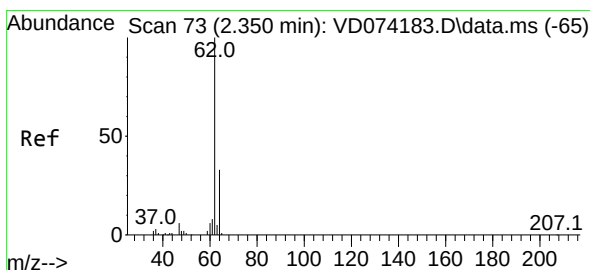
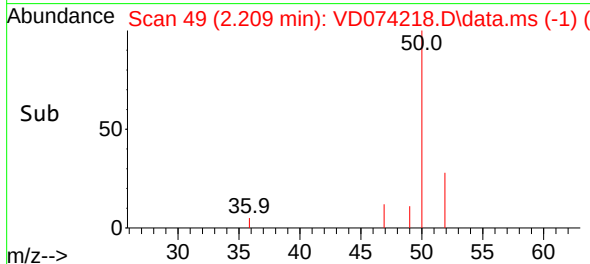
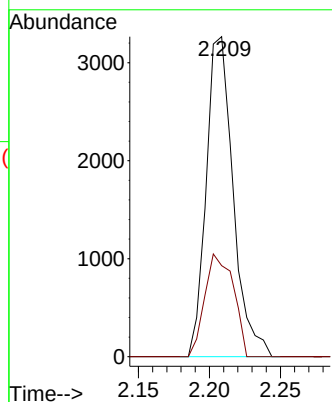
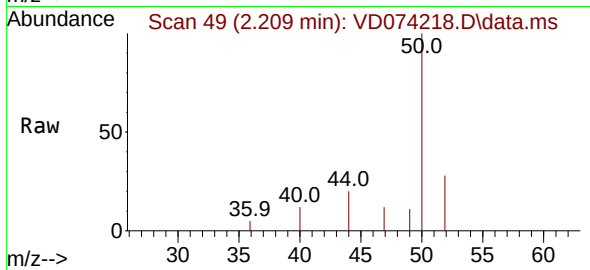
#3
Chloromethane
Concen: 5.167 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 28.4 27.4 41.0

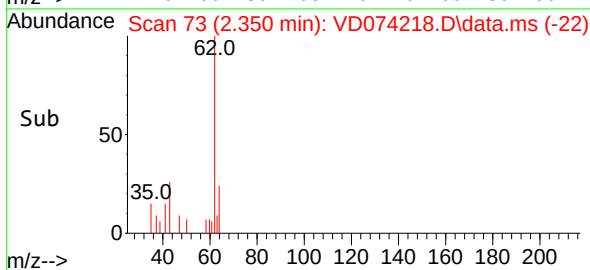
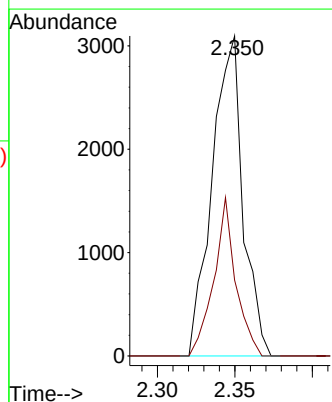
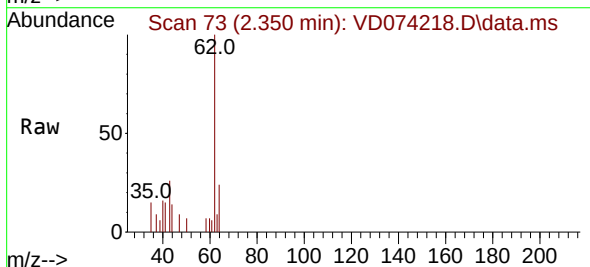
Manual Integrations
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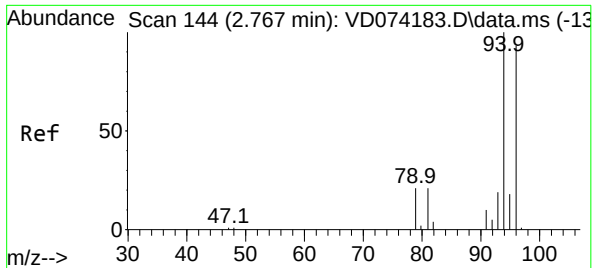
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#4
Vinyl Chloride
Concen: 4.871 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

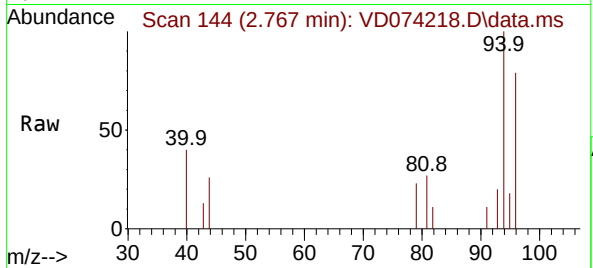
Tgt Ion: 62 Resp: 4267
Ion Ratio Lower Upper
62 100
64 23.7 25.4 38.0





#5
Bromomethane
Concen: 5.660 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

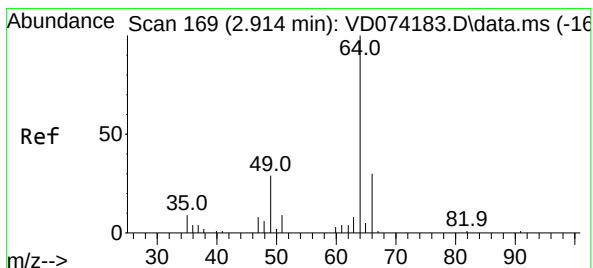
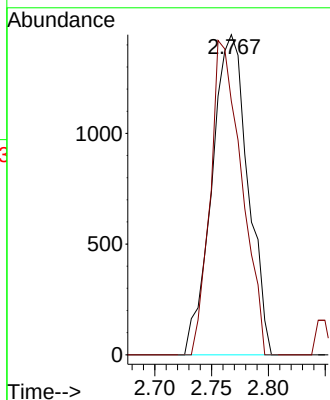
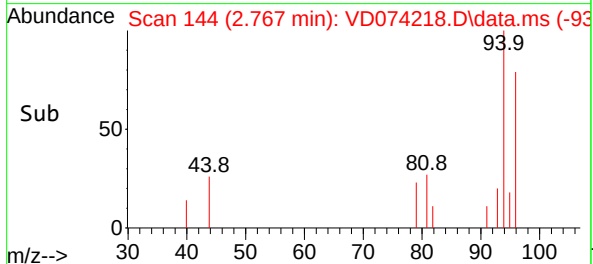
Instrument :
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Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 79.3 77.6 116.4

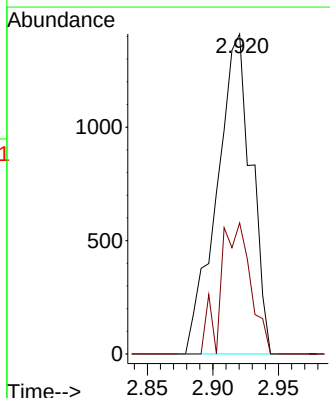
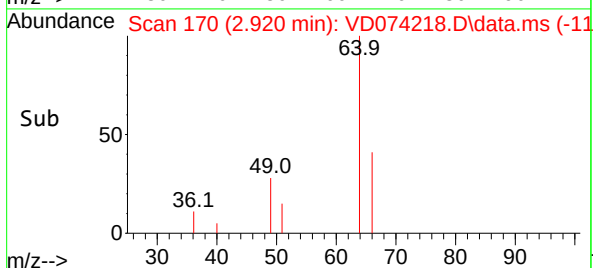
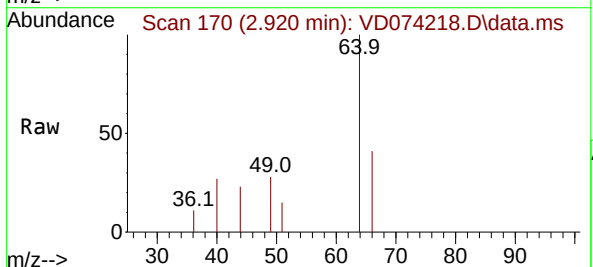
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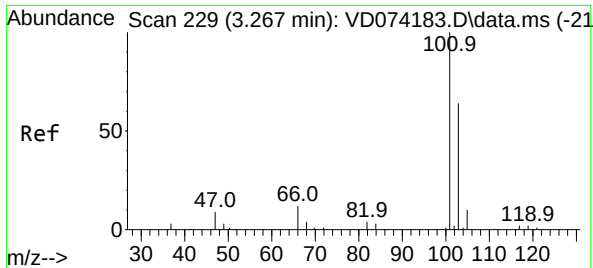
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#6
Chloroethane
Concen: 4.547 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

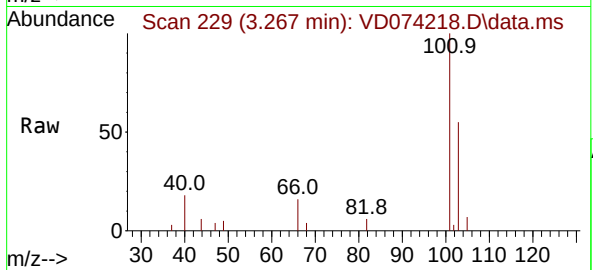
Tgt Ion: 64 Resp: 2585
Ion Ratio Lower Upper
64 100
66 41.0 25.9 38.9#





#7
Trichlorofluoromethane
Concen: 4.923 ug/l
RT: 3.267 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

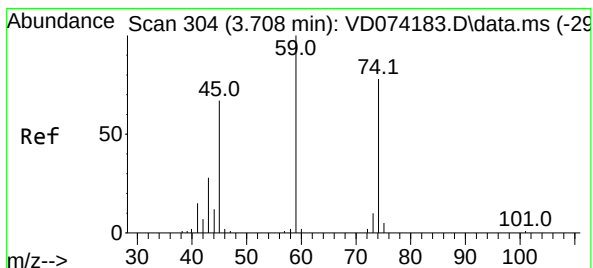
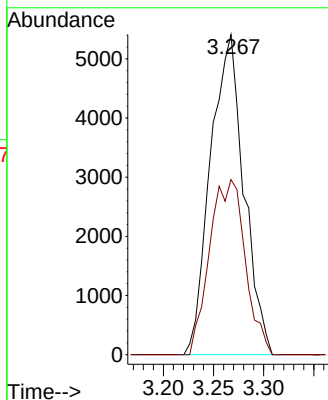
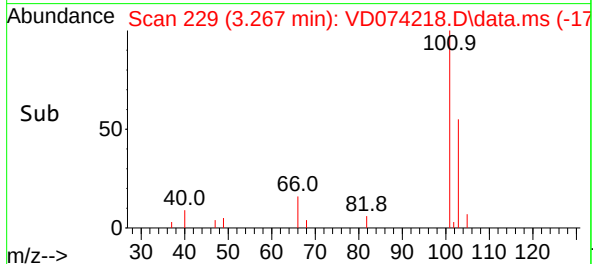
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:101 Resp: 12530
Ion Ratio Lower Upper
101 100
103 54.7 50.1 75.1

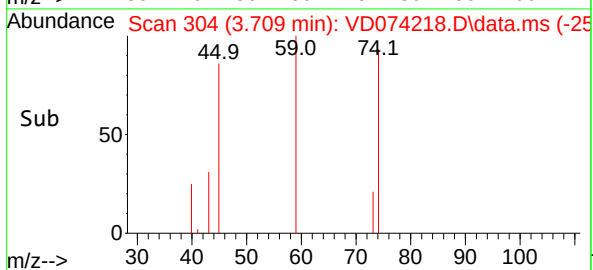
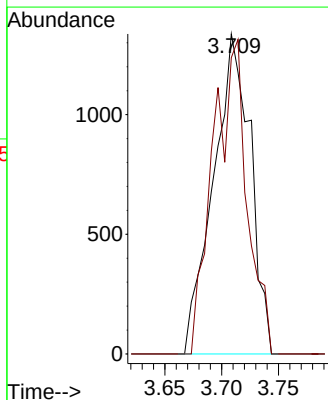
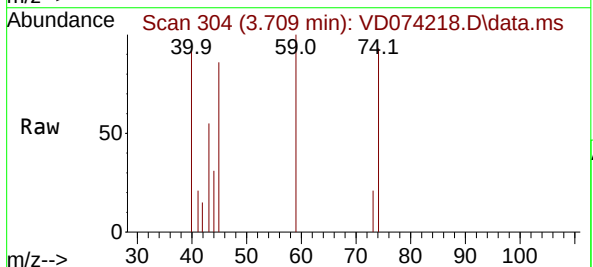
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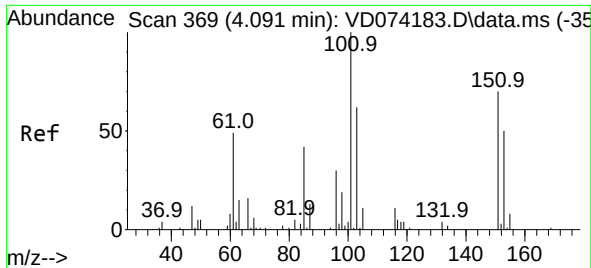
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#8
Diethyl Ether
Concen: 4.422 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 74 Resp: 3024
Ion Ratio Lower Upper
74 100
45 90.8 52.6 157.8





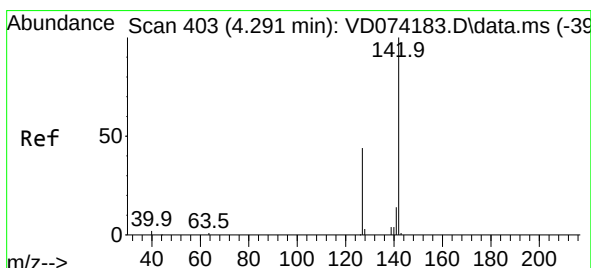
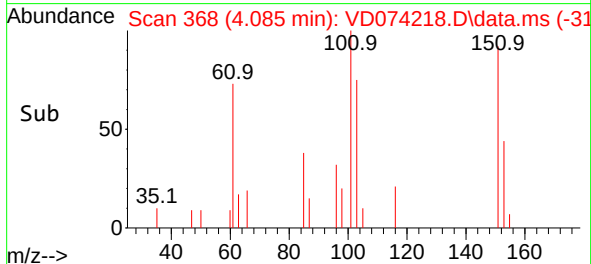
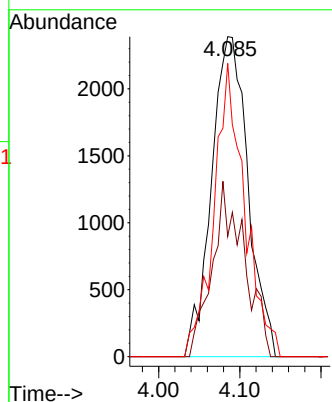
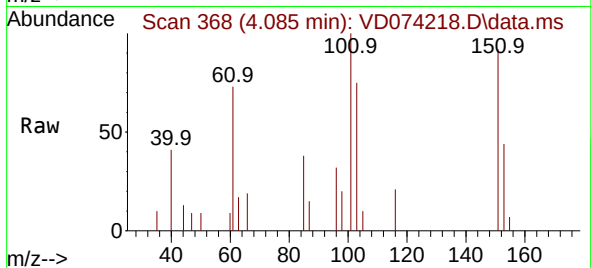
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.845 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:101 Resp: 746
Ion Ratio Lower Upper
101 100
85 48.0 36.4 54.6
151 77.3 57.3 85.9

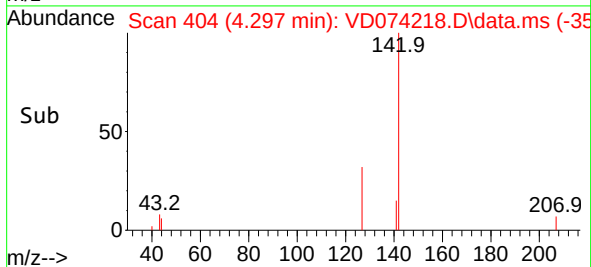
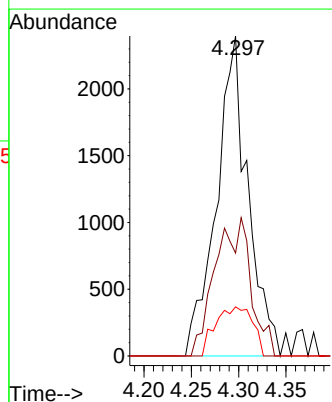
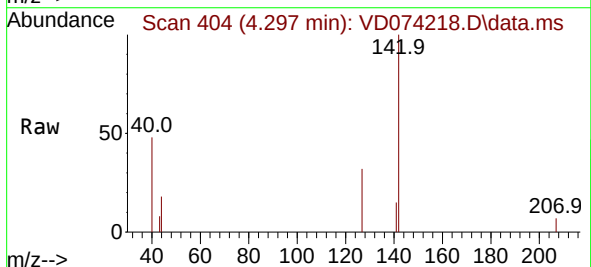
Manual Integrations
APPROVED

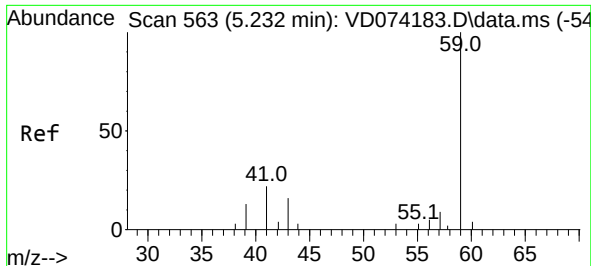
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#10
Methyl Iodide
Concen: 3.278 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:142 Resp: 5537
Ion Ratio Lower Upper
142 100
127 30.4 37.3 55.9#
141 18.1 11.7 17.5#





#11

Tert butyl alcohol

Concen: 28.036 ug/l

RT: 5.232 min Scan# 563

Delta R.T. -0.000 min

Lab File: VD074218.D

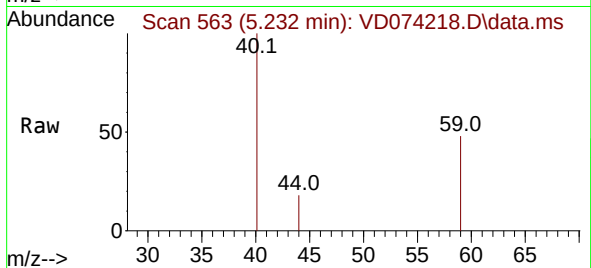
Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



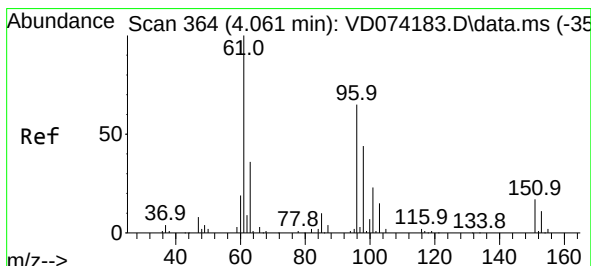
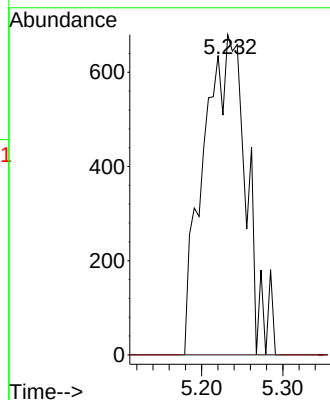
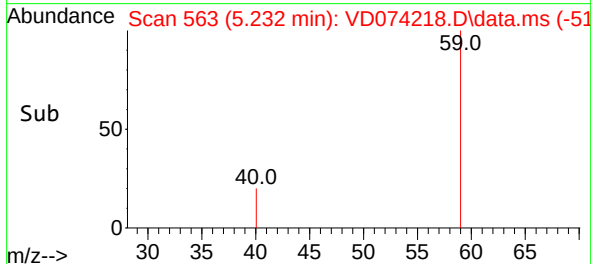
Tgt Ion: 59 Resp: 2490
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#12

1,1-Dichloroethene

Concen: 4.213 ug/l

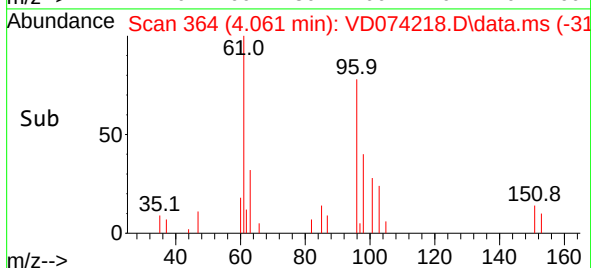
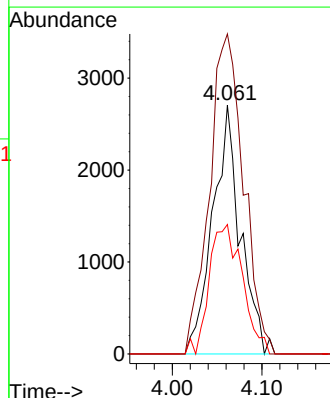
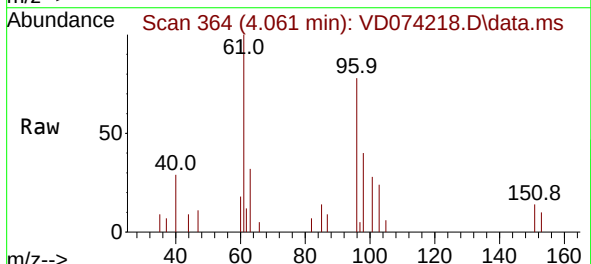
RT: 4.061 min Scan# 364

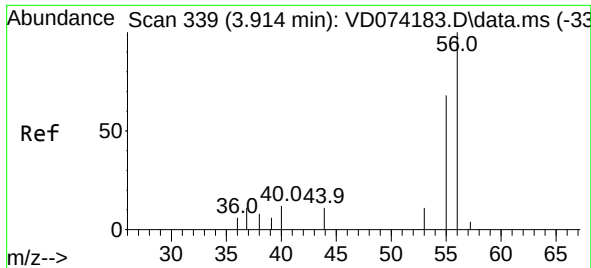
Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion: 96 Resp: 5802
 Ion Ratio Lower Upper
 96 100
 61 128.6 138.5 207.7#
 98 52.0 48.6 73.0





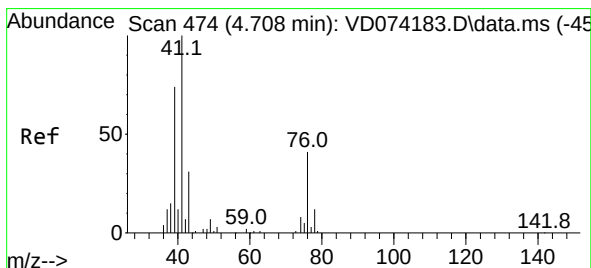
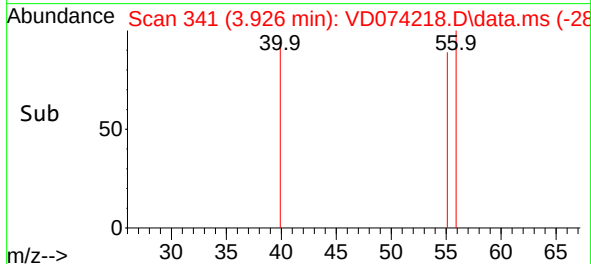
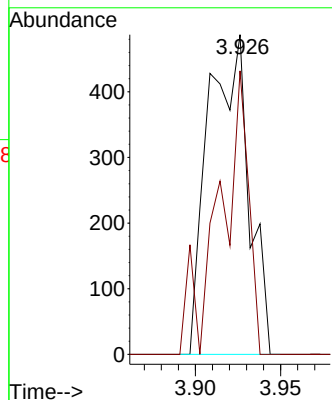
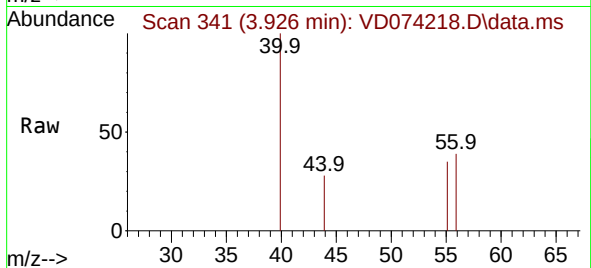
#13
Acrolein
Concen: 19.308 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 63.7 57.1 85.7

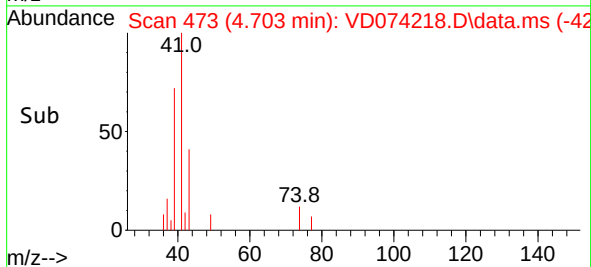
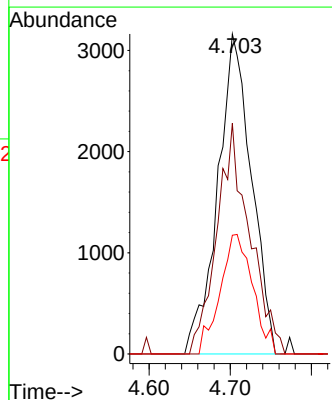
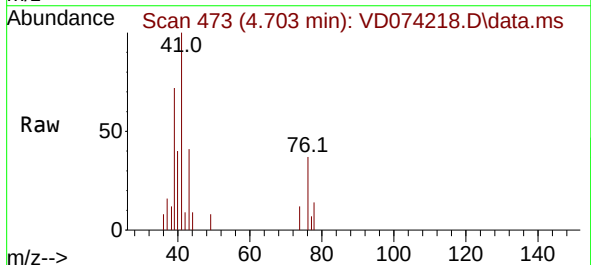
Manual Integrations
APPROVED

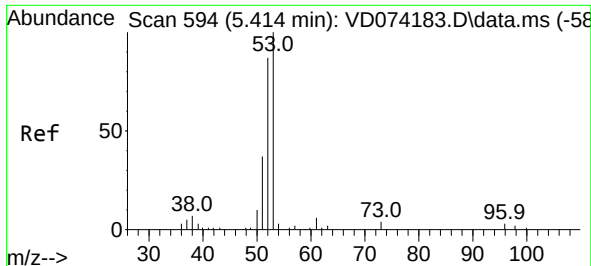
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#14
Allyl chloride
Concen: 4.240 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 41 Resp: 9142
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 35.9 25.7 38.5





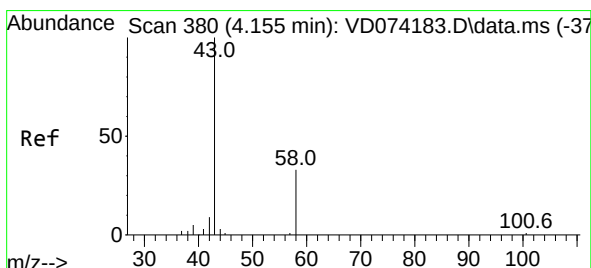
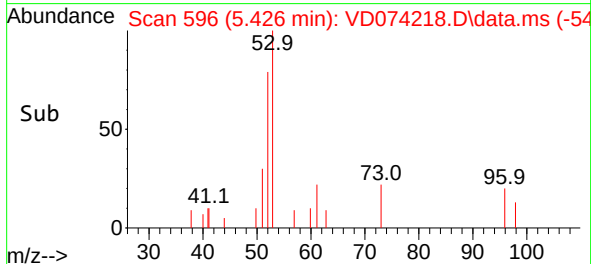
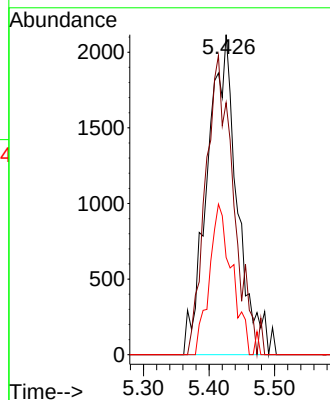
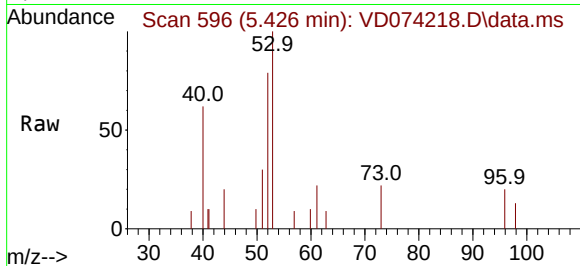
#15
Acrylonitrile
Concen: 21.265 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 53 Resp: 6762
Ion Ratio Lower Upper
53 100
52 86.6 67.2 100.8
51 35.1 30.3 45.5

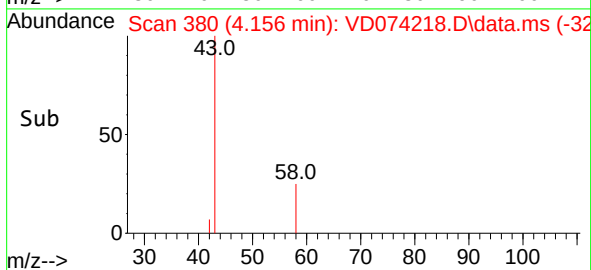
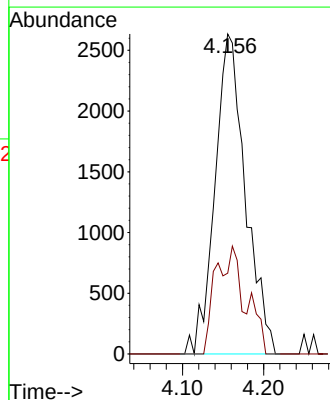
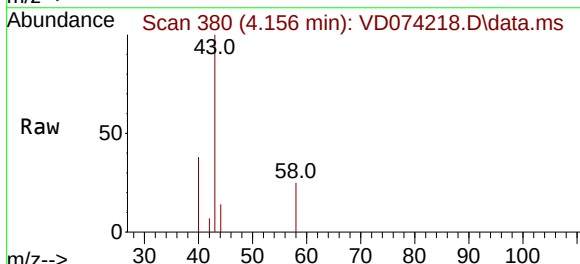
Manual Integrations
APPROVED

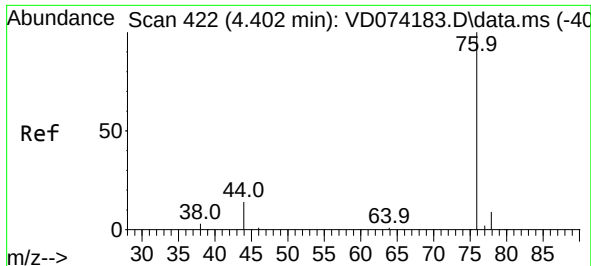
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#16
Acetone
Concen: 25.316 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

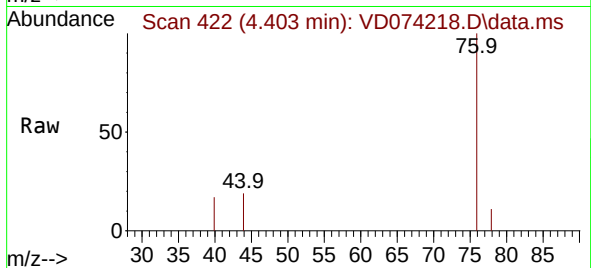
Tgt Ion: 43 Resp: 6879
Ion Ratio Lower Upper
43 100
58 25.3 22.1 33.1





#17
Carbon Disulfide
Concen: 3.824 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

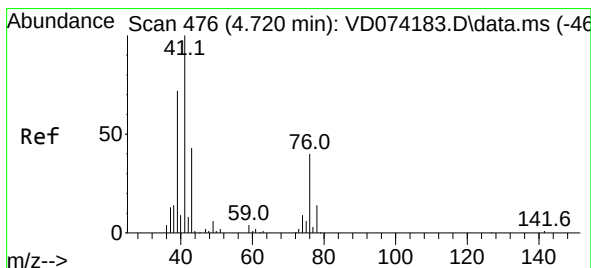
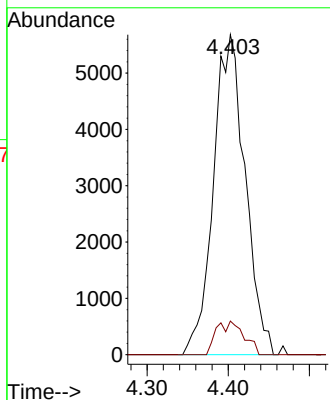
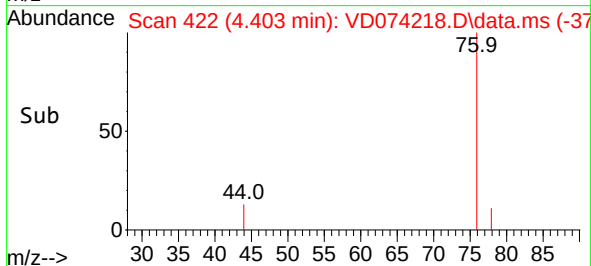
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 76 Resp: 15410
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

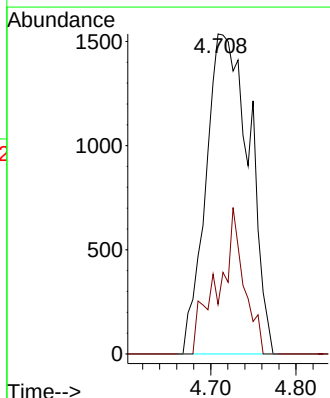
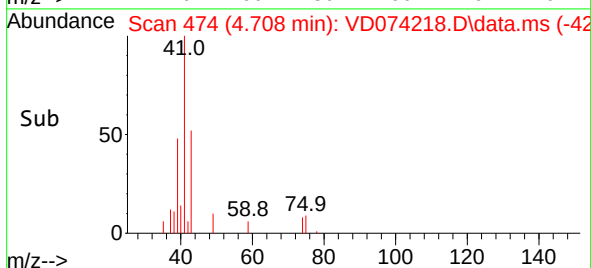
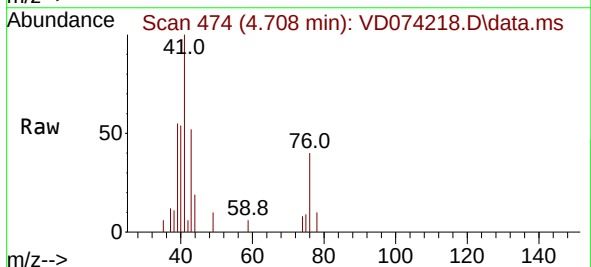
Manual Integrations
APPROVED

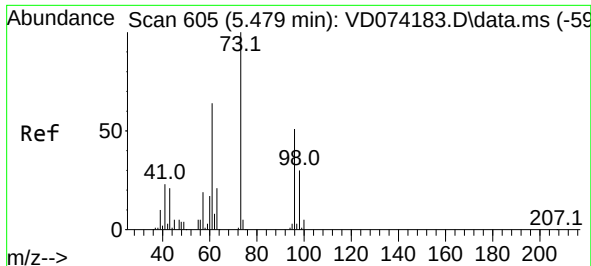
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#18
Methyl Acetate
Concen: 6.332 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

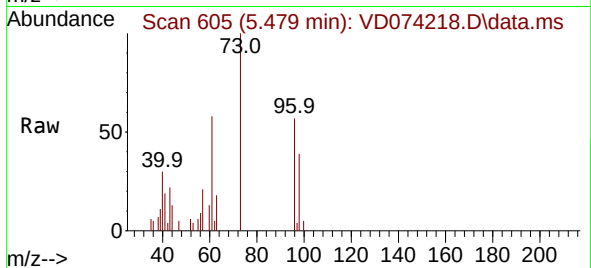
Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
74 27.5 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 4.148 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

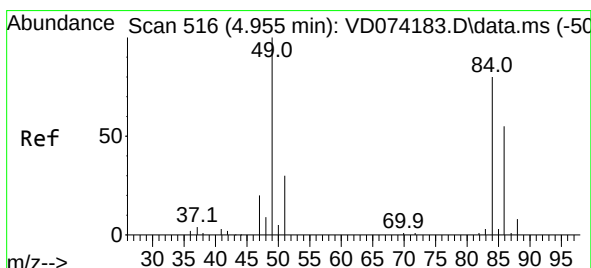
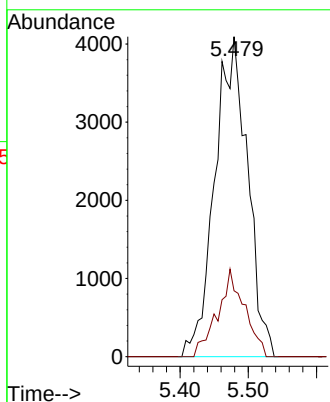
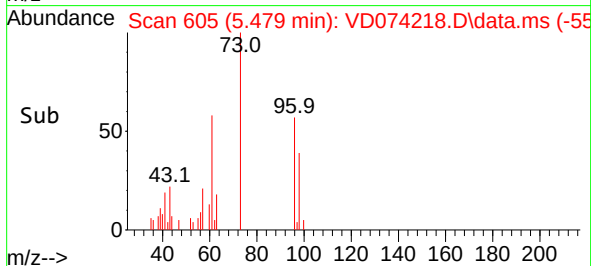
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 73 Resp: 1368
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0

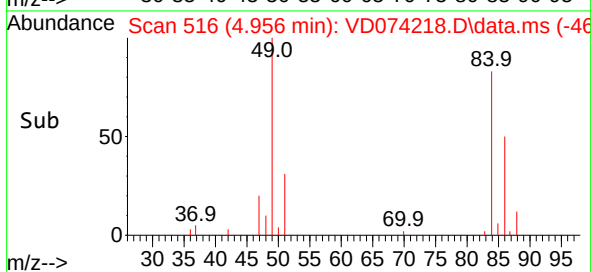
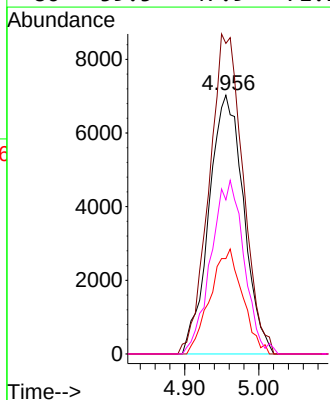
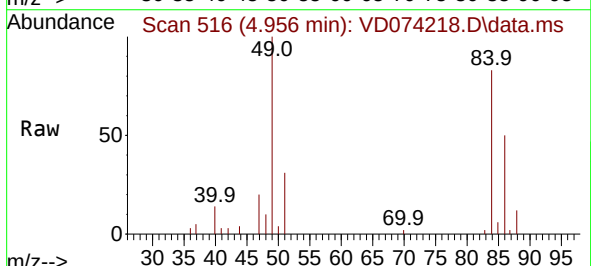
Manual Integrations
APPROVED

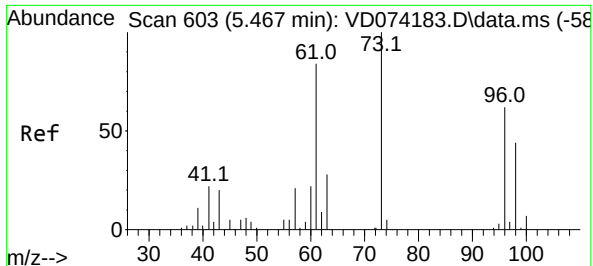
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#20
Methylene Chloride
Concen: 10.719 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

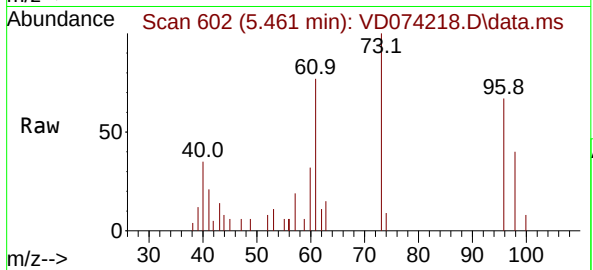
Tgt Ion: 84 Resp: 22815
Ion Ratio Lower Upper
84 100
49 120.0 112.8 169.2
51 36.9 32.6 48.8
86 59.5 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 4.553 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

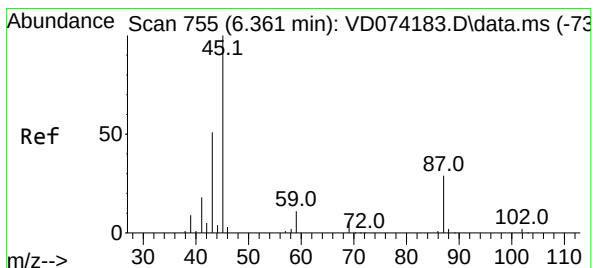
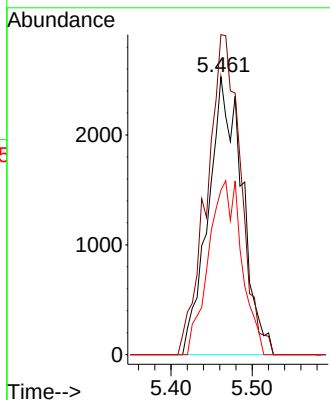
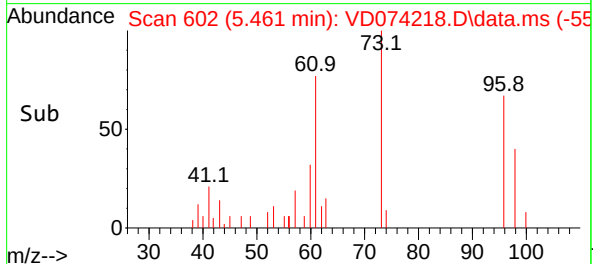
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



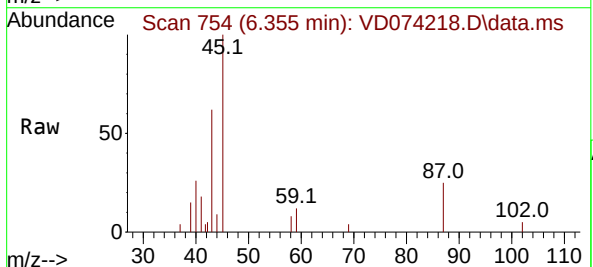
Tgt Ion: 96 Resp: 733
Ion Ratio Lower Upper
96 100
61 115.1 117.9 176.9
98 59.2 49.4 74.2

Manual Integrations
APPROVED

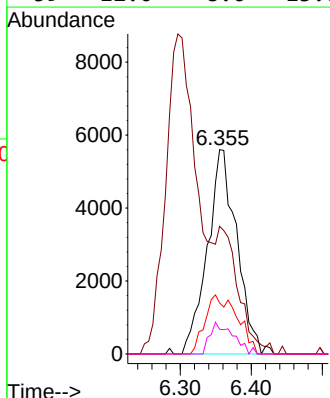
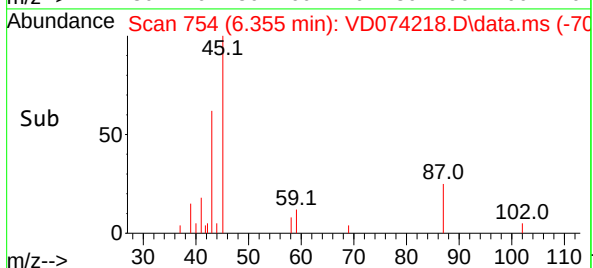
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

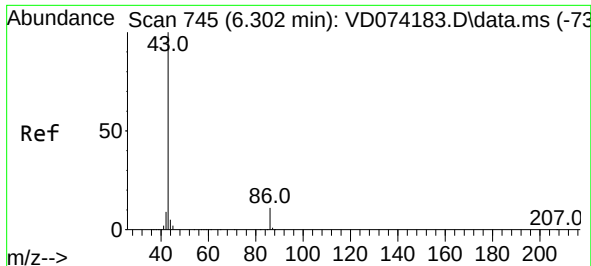


#22
Diisopropyl ether
Concen: 3.650 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



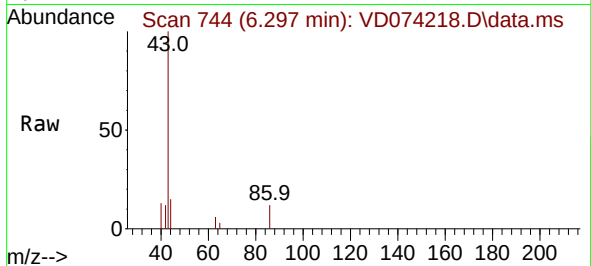
Tgt Ion: 45 Resp: 16137
Ion Ratio Lower Upper
45 100
43 62.4 46.6 70.0
87 25.0 18.4 27.6
59 12.0 8.6 13.0





#23
 Vinyl Acetate
 Concen: 15.450 ug/l m
 RT: 6.297 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

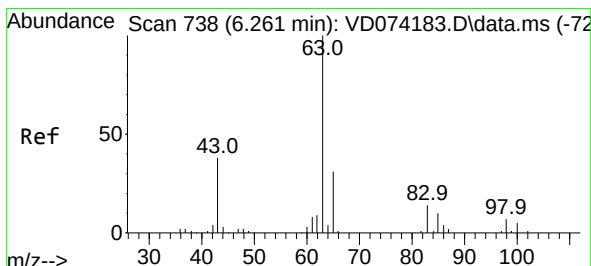
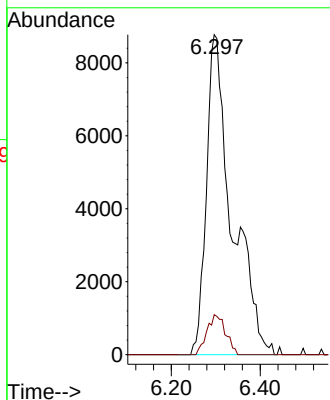
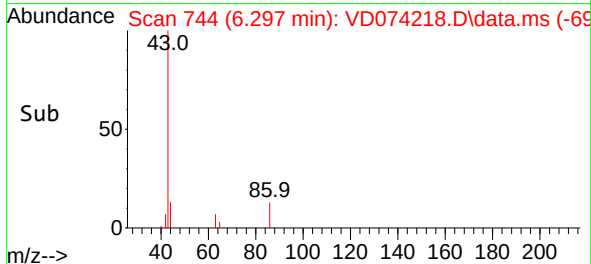
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 3491
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.1 10.7

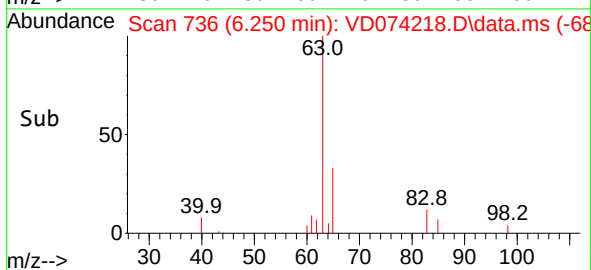
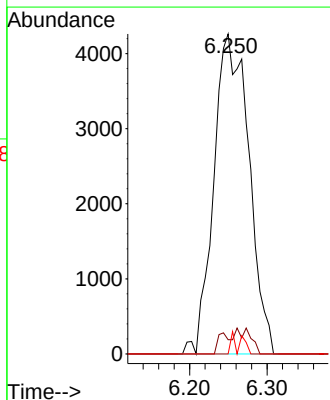
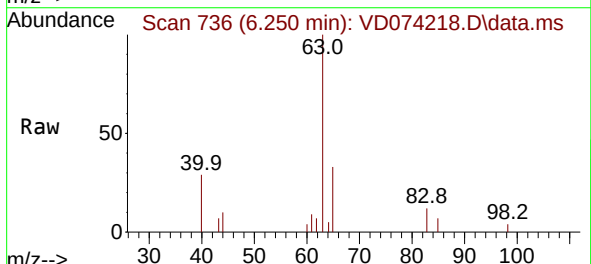
Manual Integrations
 APPROVED

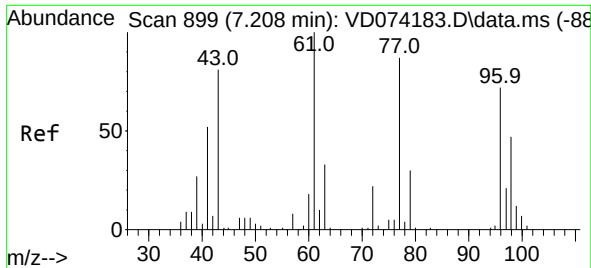
Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022



#24
 1,1-Dichloroethane
 Concen: 4.593 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

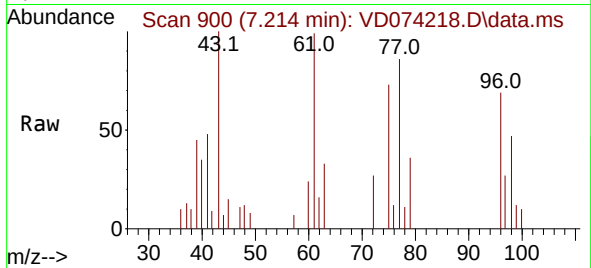
Tgt Ion: 63 Resp: 13389
 Ion Ratio Lower Upper
 63 100
 98 4.4 3.6 10.9
 100 0.0 2.1 6.5





#25
2-Butanone
Concen: 21.795 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

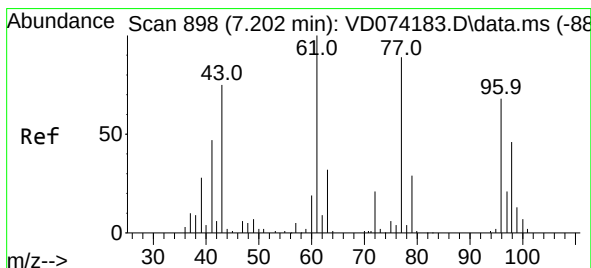
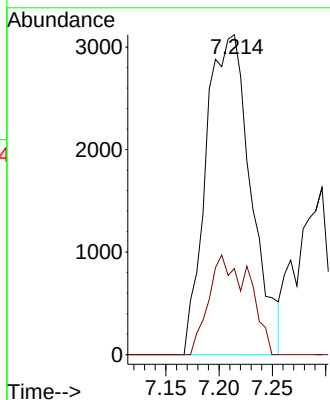
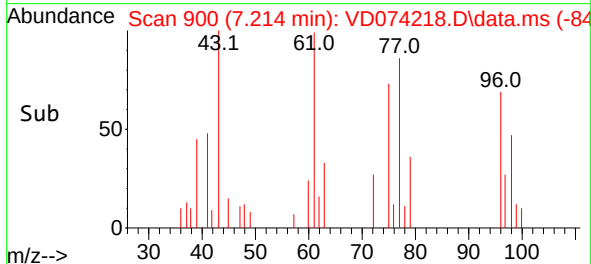
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



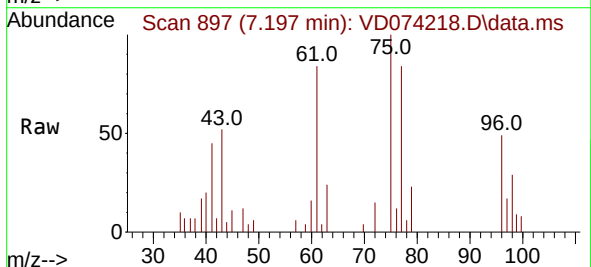
Tgt Ion: 43 Resp: 9168
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8

Manual Integrations
APPROVED

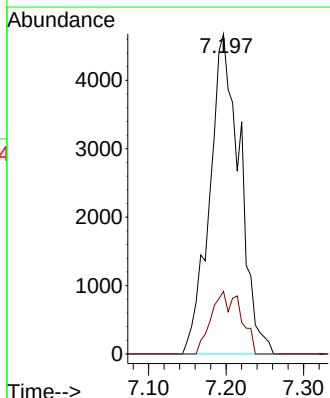
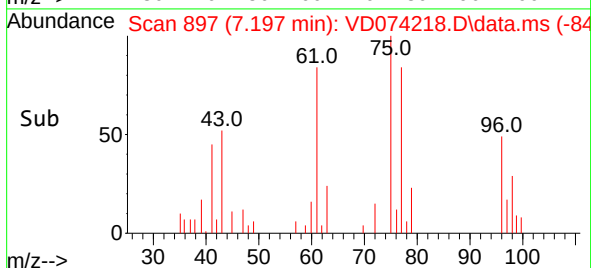
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

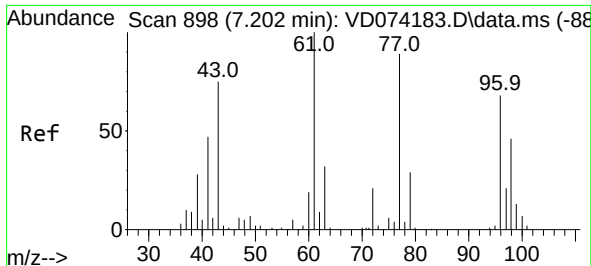


#26
2,2-Dichloropropane
Concen: 4.835 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



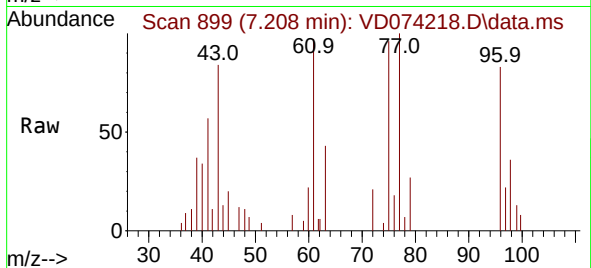
Tgt Ion: 77 Resp: 12700
Ion Ratio Lower Upper
77 100
97 19.1 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 4.329 ug/l
 RT: 7.208 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

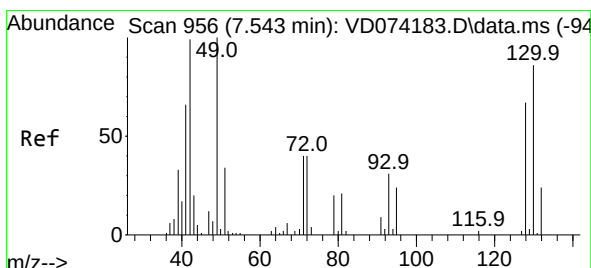
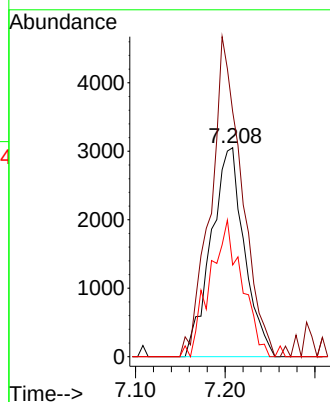
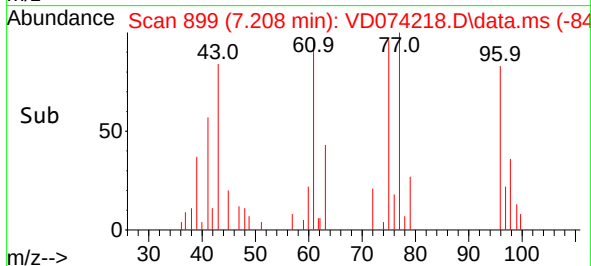
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 96 Resp: 783
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 313.8
 98 63.8 0.0 128.8

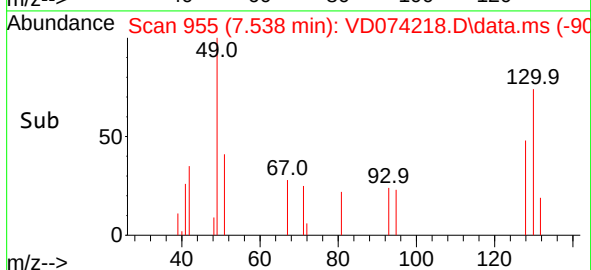
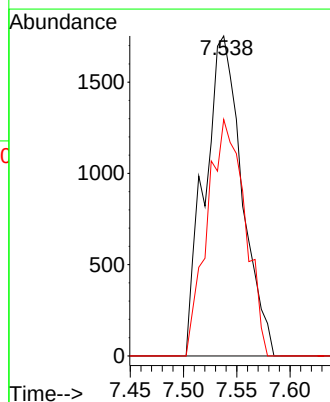
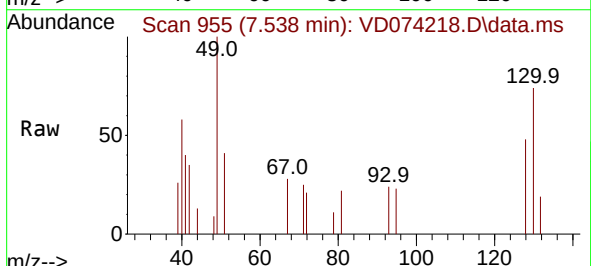
Manual Integrations
 APPROVED

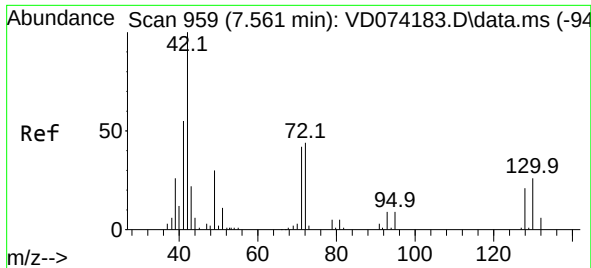
Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022



#28
 Bromochloromethane
 Concen: 4.855 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion: 49 Resp: 4278
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 74.5 52.6 79.0





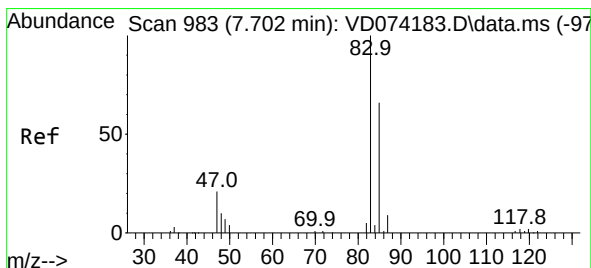
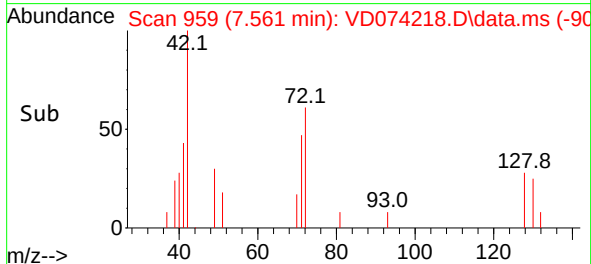
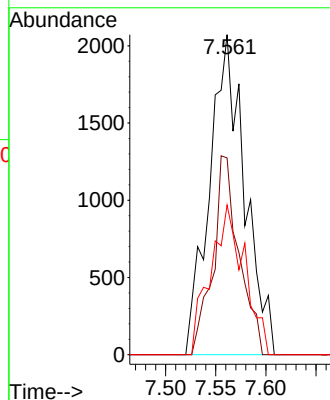
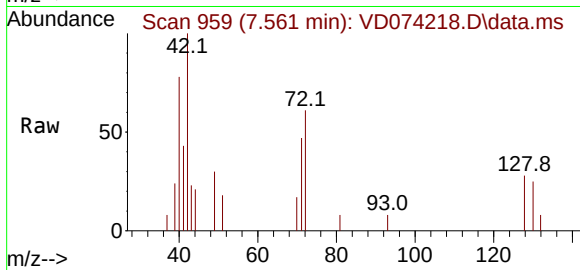
#29
Tetrahydrofuran
Concen: 19.975 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 42 Resp: 507
Ion Ratio Lower Upper
42 100
72 45.8 30.7 46.1
71 45.1 28.6 43.0

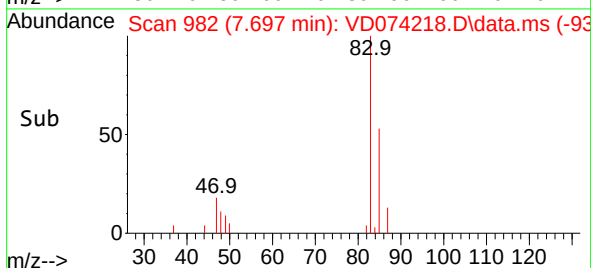
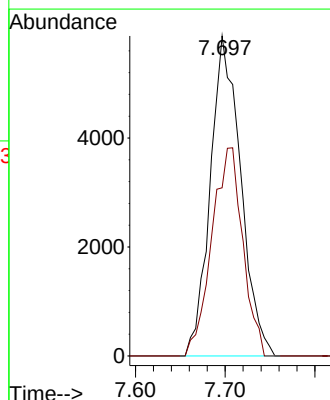
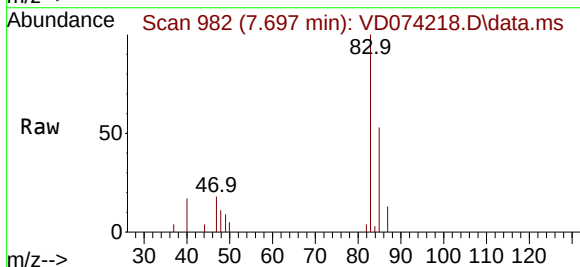
Manual Integrations
APPROVED

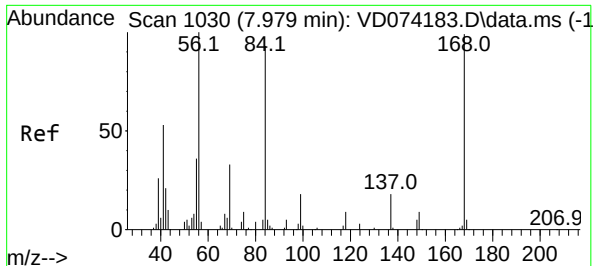
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#30
Chloroform
Concen: 4.502 ug/l
RT: 7.697 min Scan# 982
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

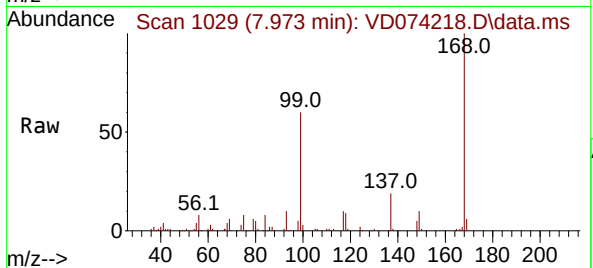
Tgt Ion: 83 Resp: 13837
Ion Ratio Lower Upper
83 100
85 52.6 52.7 79.1#





#31
Cyclohexane
Concen: 5.039 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

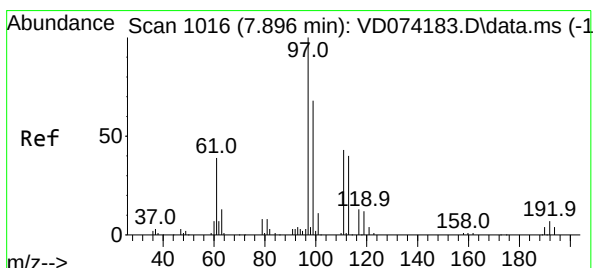
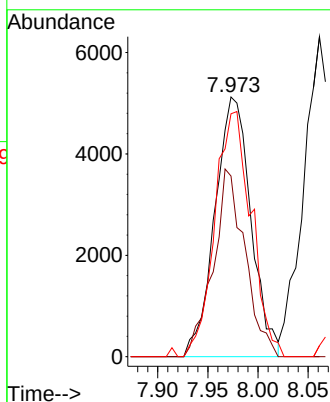
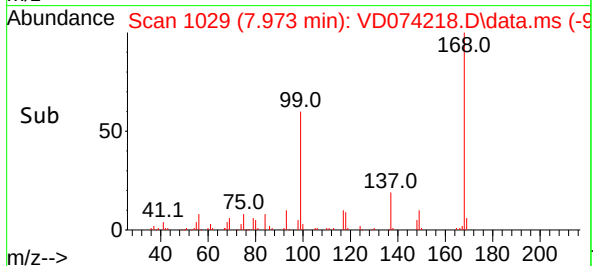
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 56 Resp: 12792
Ion Ratio Lower Upper
56 100
69 69.6 25.4 38.2
84 93.6 63.0 94.4

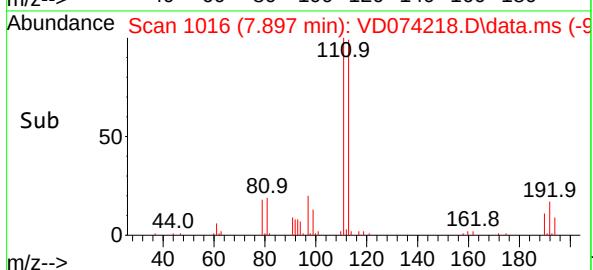
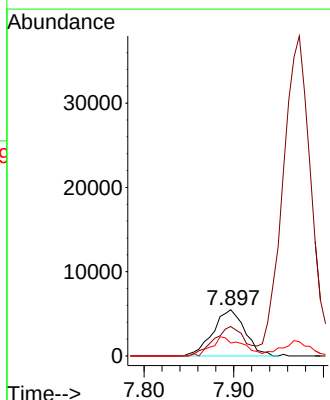
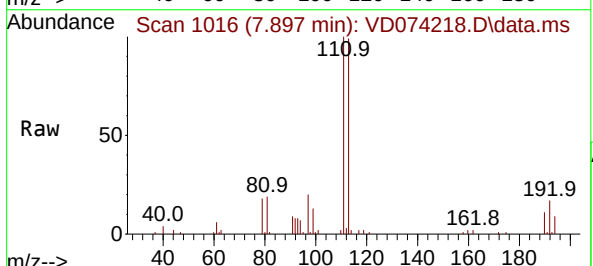
Manual Integrations
APPROVED

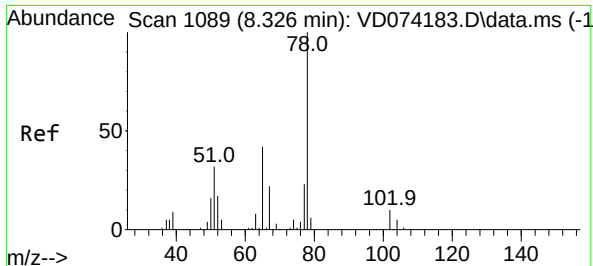
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#32
1,1,1-Trichloroethane
Concen: 4.738 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 97 Resp: 13494
Ion Ratio Lower Upper
97 100
99 62.8 52.4 78.6
61 39.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.174 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 7156

Ion Ratio Lower Upper

65 100

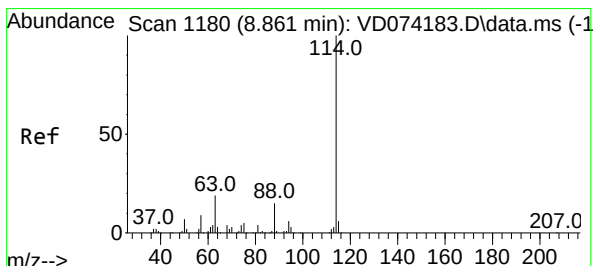
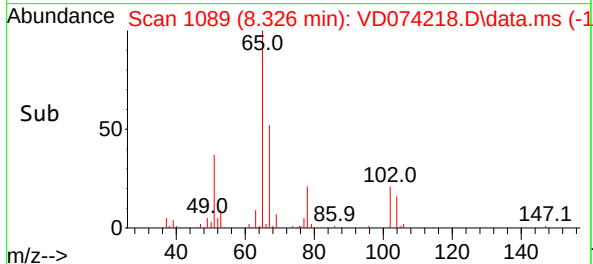
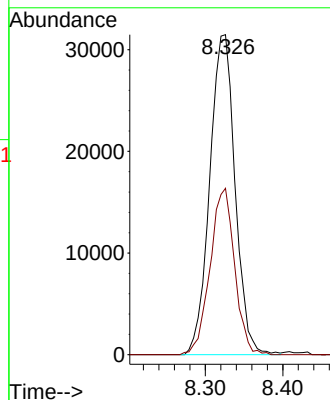
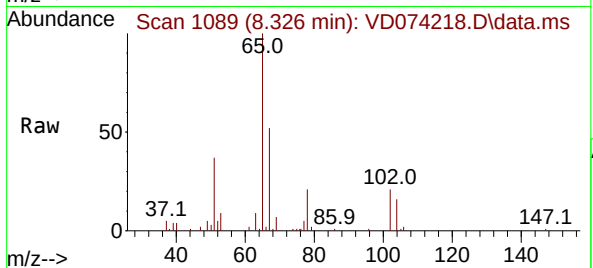
67 50.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

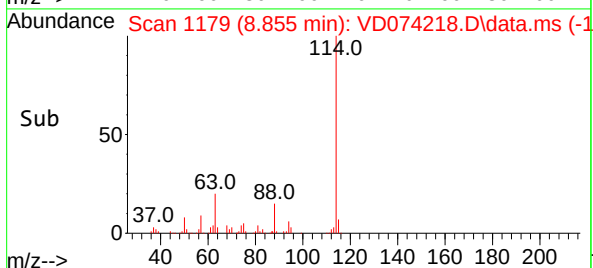
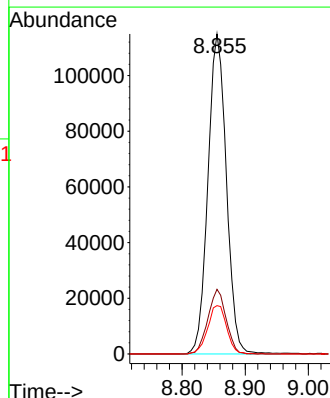
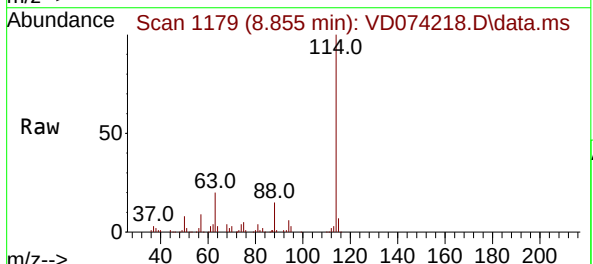
Tgt Ion:114 Resp: 232972

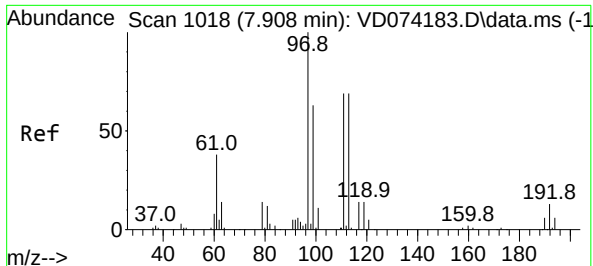
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

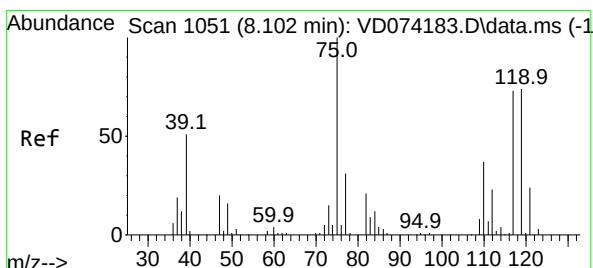
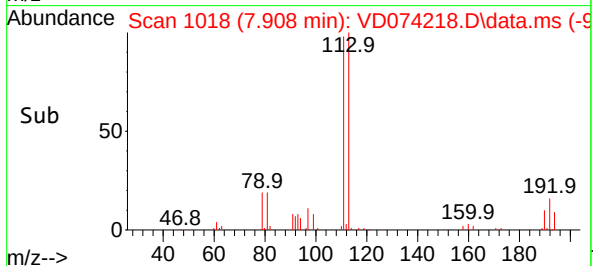
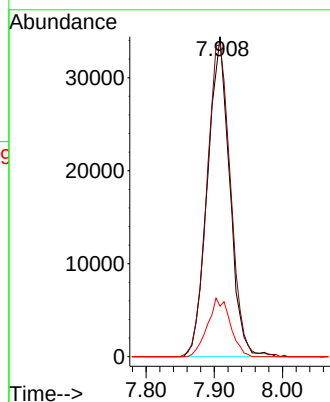
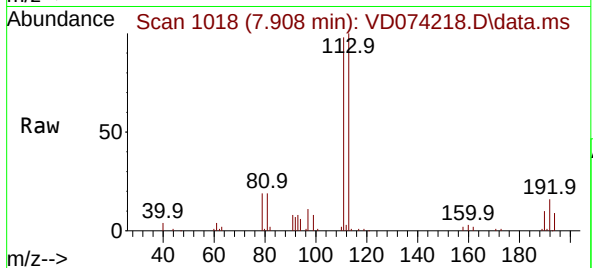
Tgt Ion:	113	Resp:	77730
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.8	125.6
192	18.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#36

1,1-Dichloropropene

Concen: 4.147 ug/l

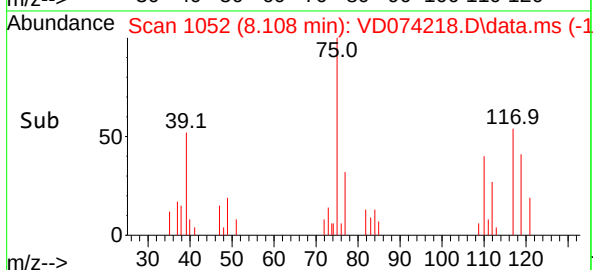
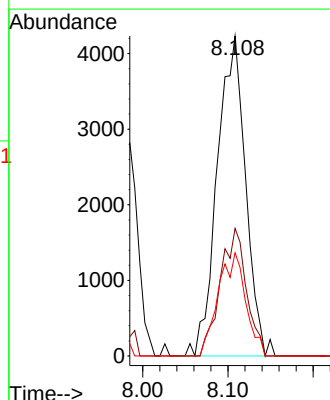
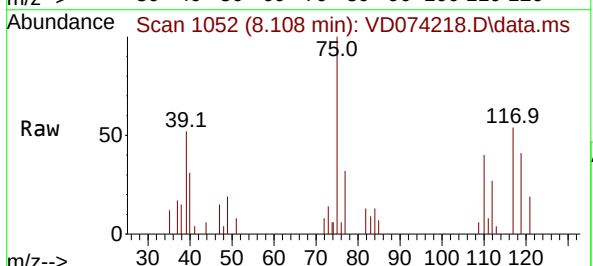
RT: 8.108 min Scan# 1052

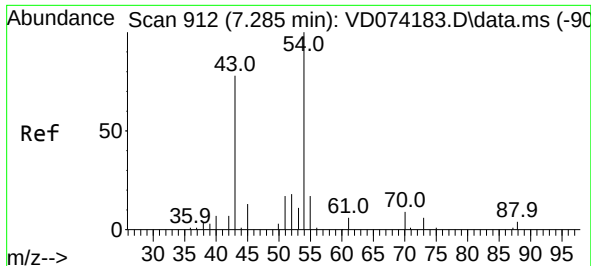
Delta R.T. 0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	75	Resp:	9768
Ion Ratio	Lower	Upper	
75	100		
110	36.9	16.4	49.1
77	31.4	24.2	36.2





#37

Ethyl Acetate

Concen: 4.523 ug/l

RT: 7.297 min Scan# 912

Delta R.T. 0.012 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 4200

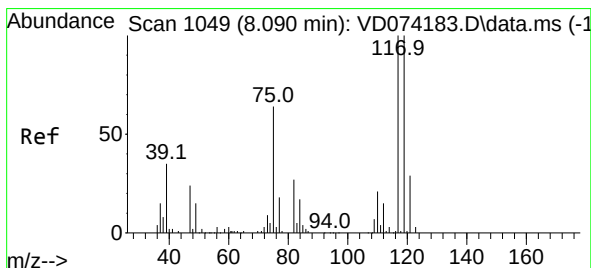
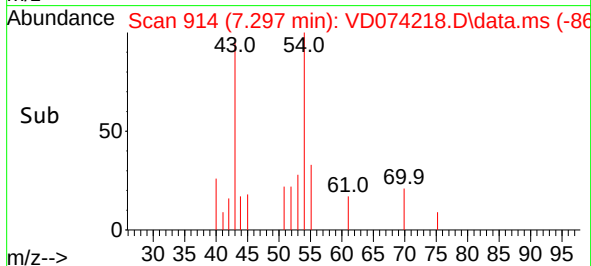
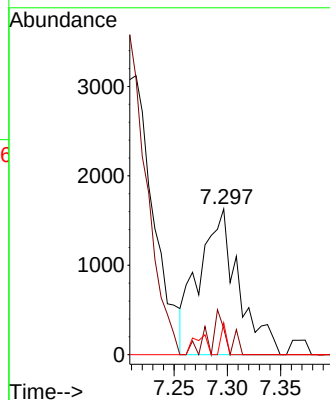
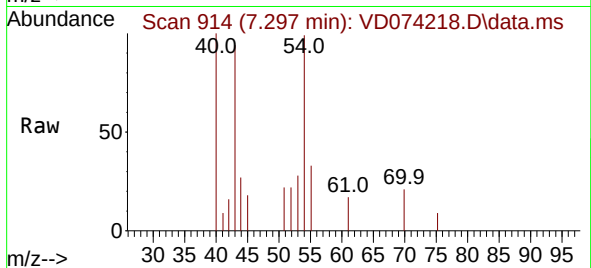
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.8	14.8
70	3.0	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#38

Carbon Tetrachloride

Concen: 4.151 ug/l

RT: 8.091 min Scan# 1049

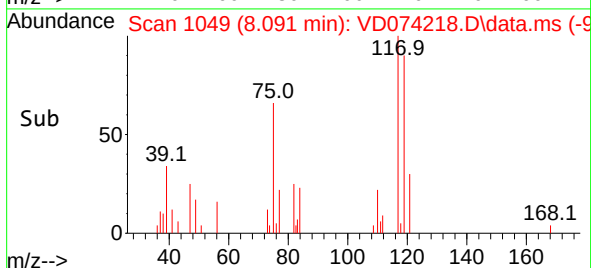
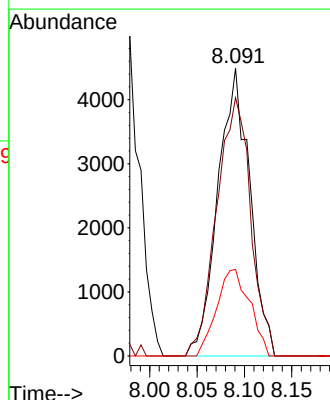
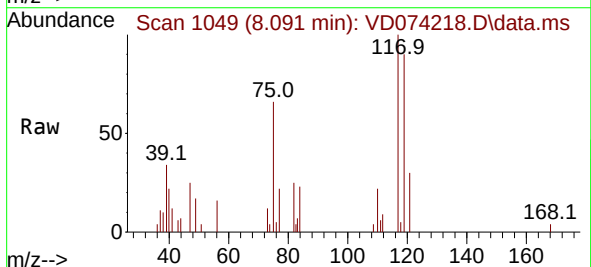
Delta R.T. 0.001 min

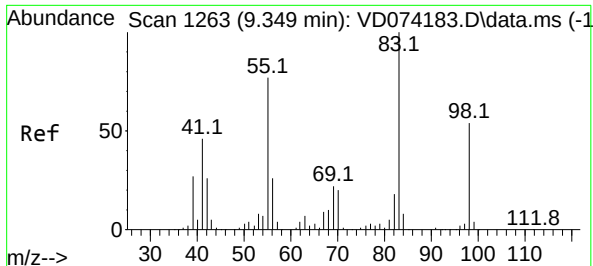
Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:117 Resp: 10503

Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.8	113.6
121	30.1	24.5	36.7





#39

Methylcyclohexane

Concen: 3.646 ug/l

RT: 9.344 min Scan# 1098

Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

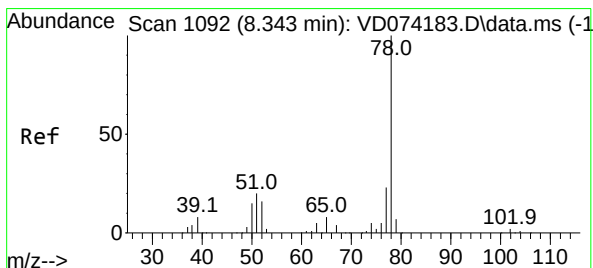
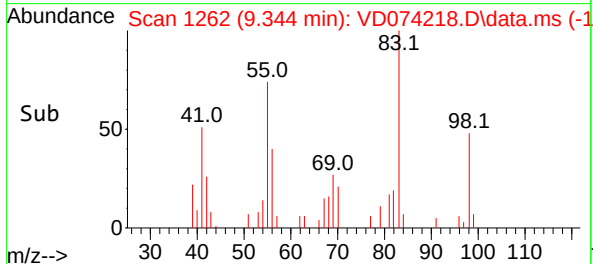
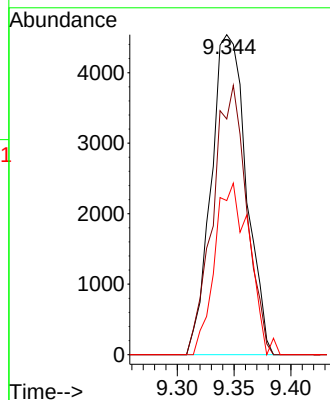
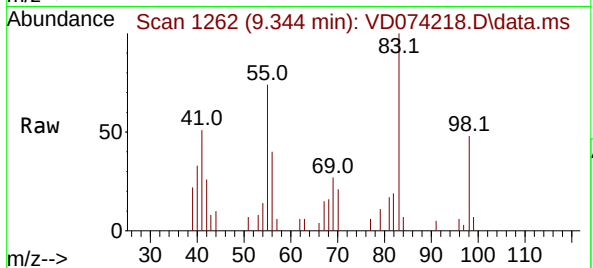
Tgt Ion: 83	Resp: 9798
Ion Ratio	Lower Upper
83 100	
55 73.7	63.2 94.8
98 48.1	38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#40

Benzene

Concen: 4.151 ug/l

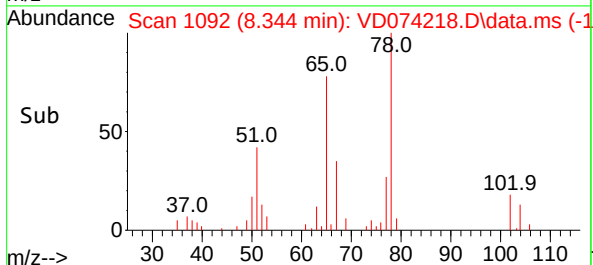
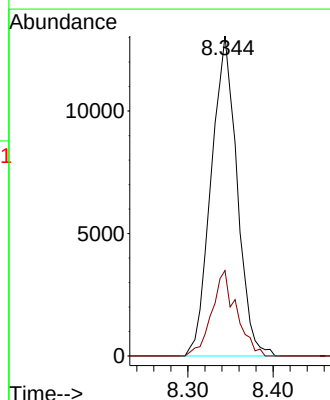
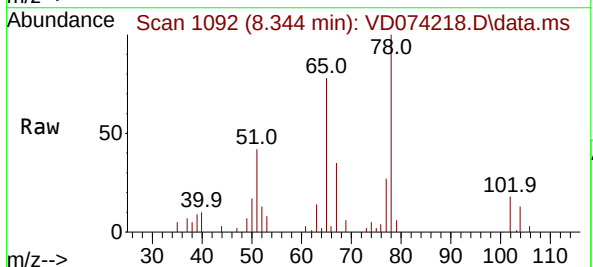
RT: 8.344 min Scan# 1092

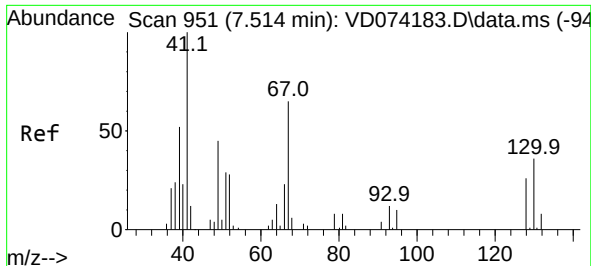
Delta R.T. 0.001 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

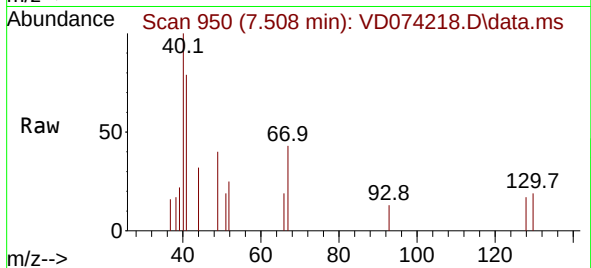
Tgt Ion: 78	Resp: 27561
Ion Ratio	Lower Upper
78 100	
77 26.7	19.1 28.7





#41
Methacrylonitrile
Concen: 4.084 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

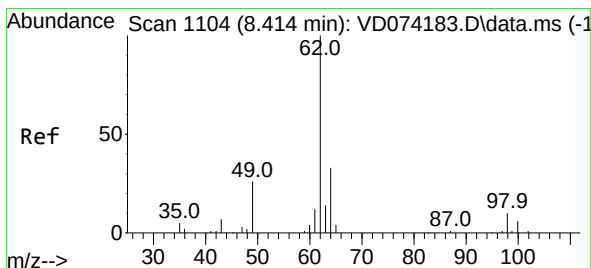
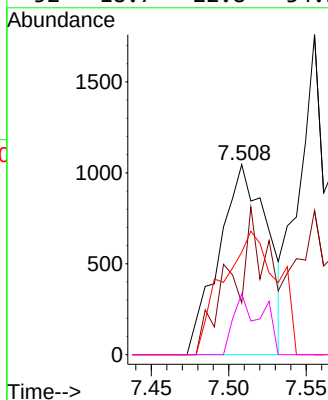
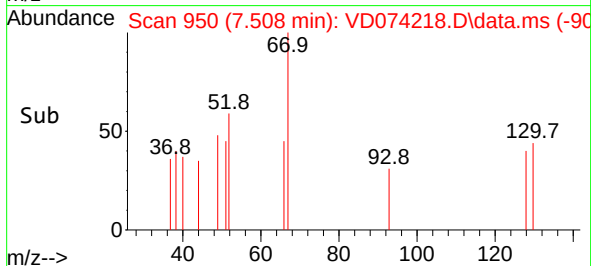
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 41 Resp: 2280
Ion Ratio Lower Upper
41 100
39 59.2 44.6 67.0
67 72.1 48.2 72.4
52 18.7 22.8 34.2#

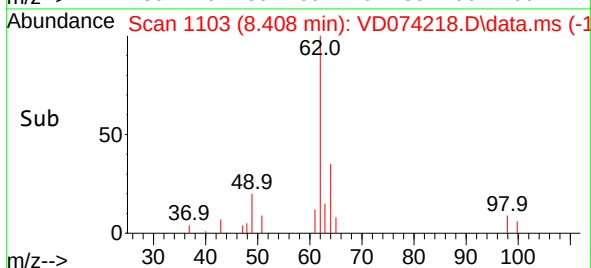
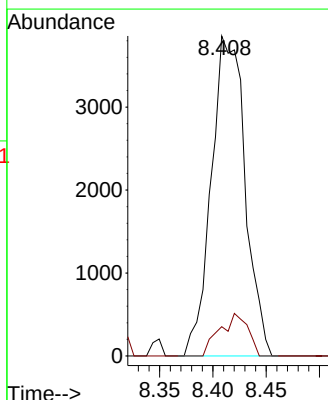
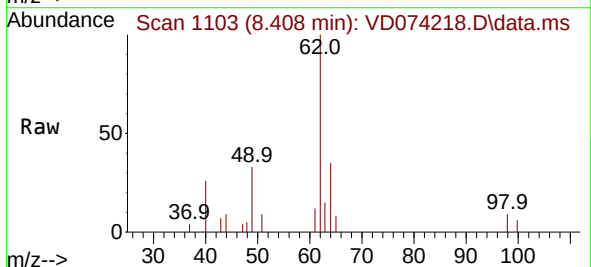
Manual Integrations
APPROVED

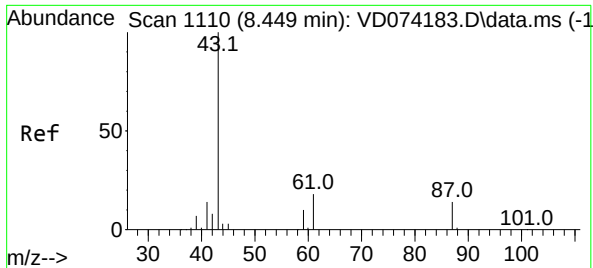
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#42
1,2-Dichloroethane
Concen: 4.342 ug/l
RT: 8.408 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

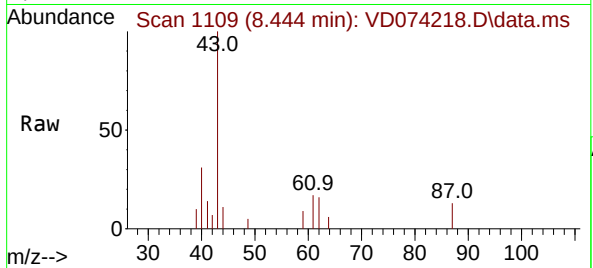
Tgt Ion: 62 Resp: 8498
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 4.140 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

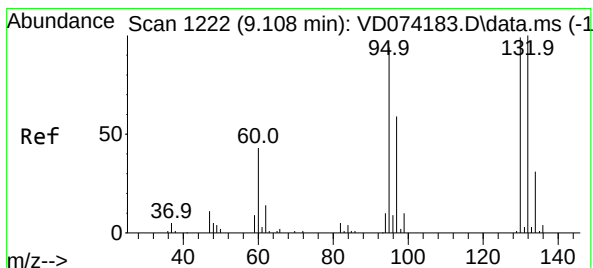
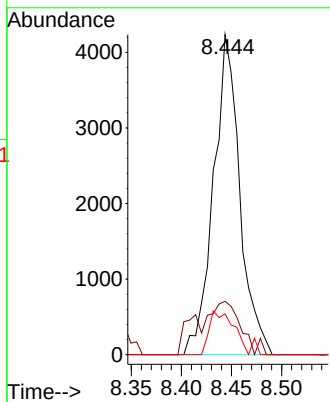
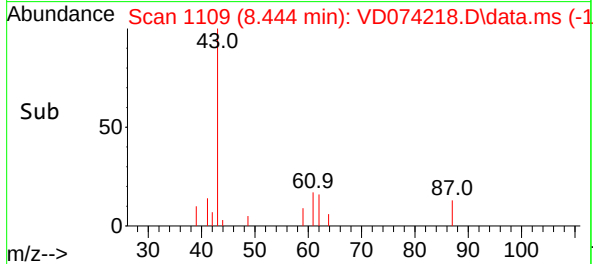
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



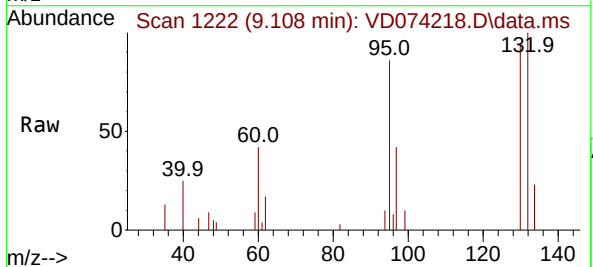
Tgt Ion: 43 Resp: 7734
Ion Ratio Lower Upper
43 100
61 19.8 22.4 33.6
87 12.7 8.7 13.1

Manual Integrations
APPROVED

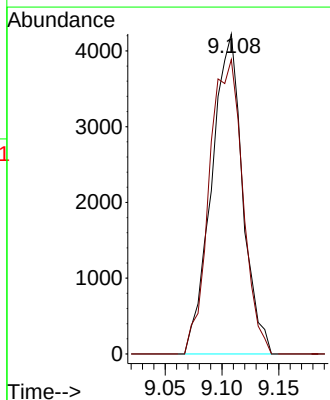
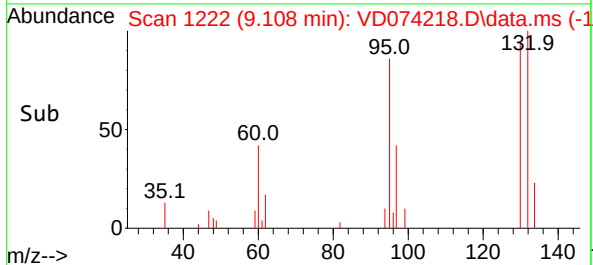
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

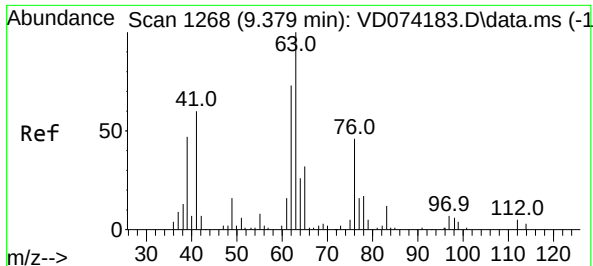


#44
Trichloroethene
Concen: 4.168 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



Tgt Ion:130 Resp: 8023
Ion Ratio Lower Upper
130 100
95 92.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.121 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 6830

Ion Ratio Lower Upper

63 100

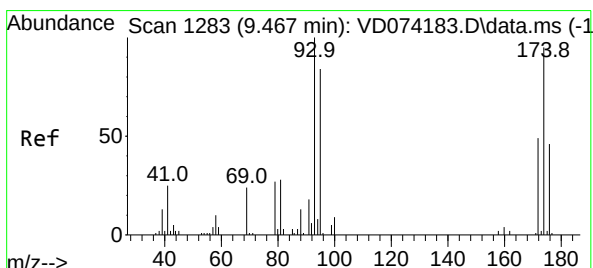
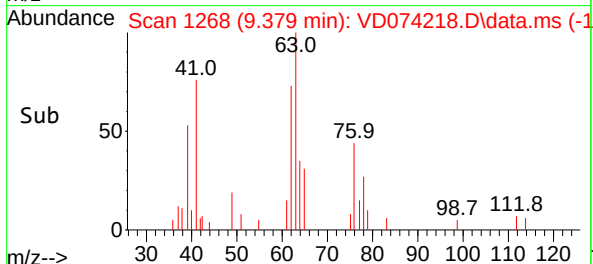
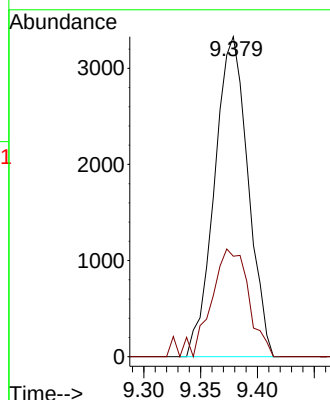
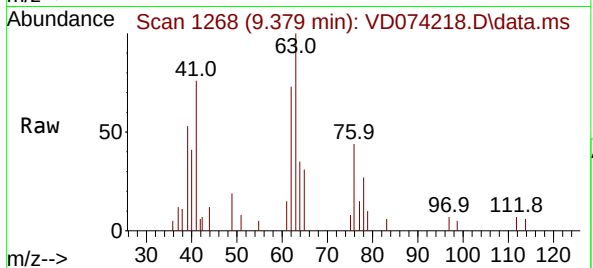
65 31.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#46

Dibromomethane

Concen: 4.721 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

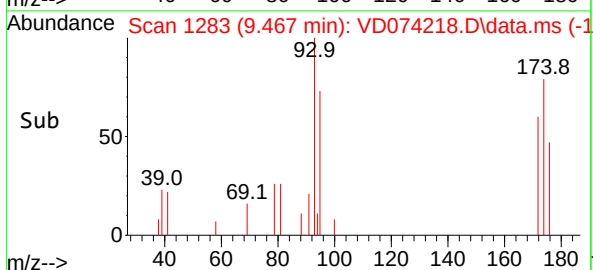
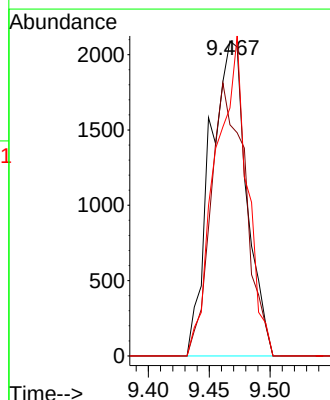
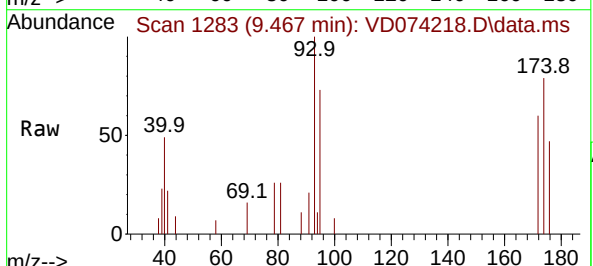
Tgt Ion: 93 Resp: 4365

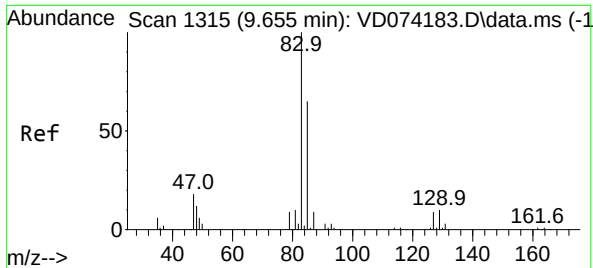
Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

174 87.8 71.6 107.4





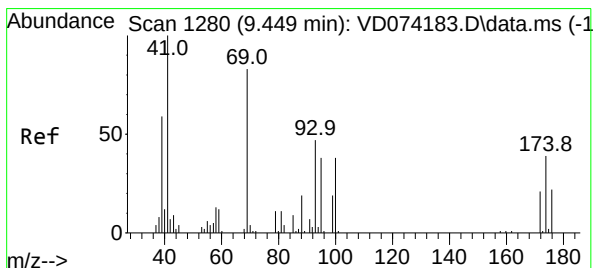
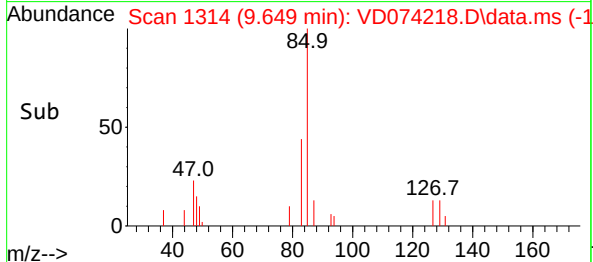
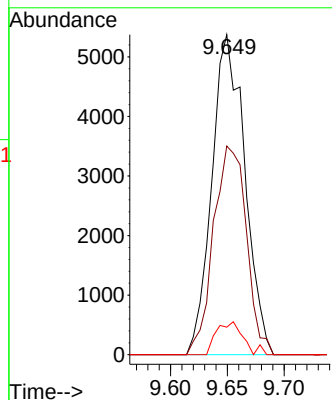
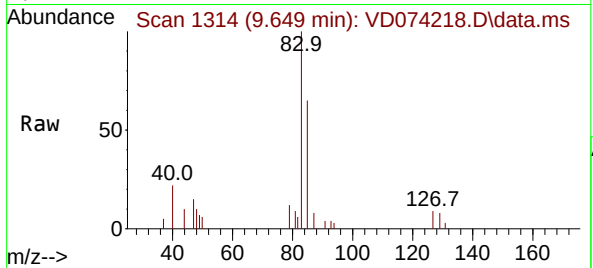
#47
Bromodichloromethane
Concen: 4.501 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 83 Resp: 1082
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 8.6 6.1 9.1

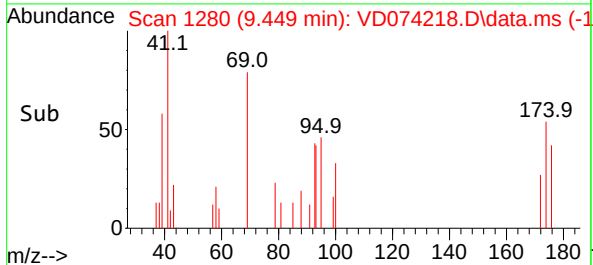
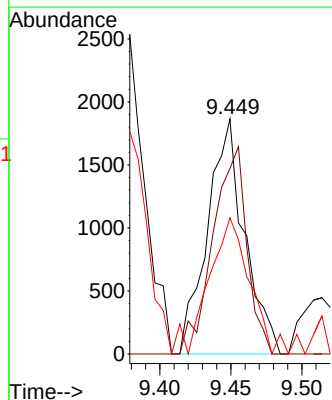
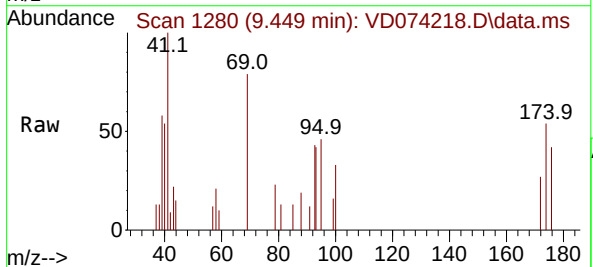
Manual Integrations
APPROVED

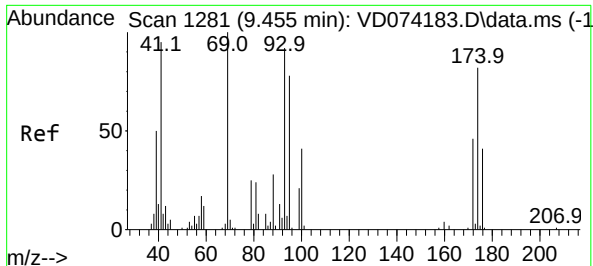
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#48
Methyl methacrylate
Concen: 3.917 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 41 Resp: 3383
Ion Ratio Lower Upper
41 100
69 80.9 56.7 85.1
39 61.5 42.7 64.1





#49

1,4-Dioxane

Concen: 69.677 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.011 min

Lab File: VD074218.D

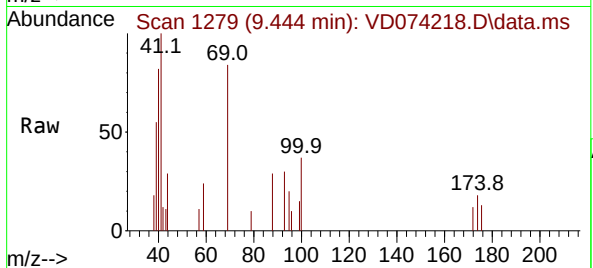
Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



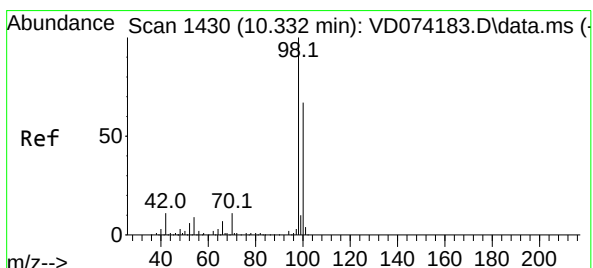
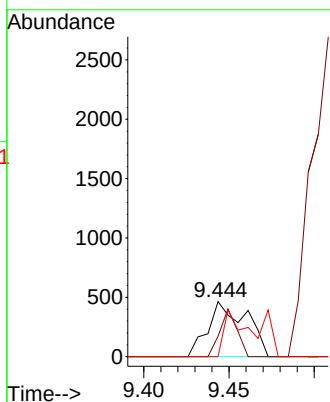
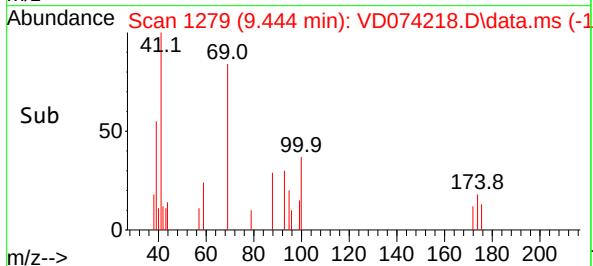
Tgt Ion:	88	Resp:	73
Ion Ratio	Lower	Upper	
88	100		
43	37.9	31.0	46.4
58	68.1	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#50

Toluene-d8

Concen: 45.729 ug/l

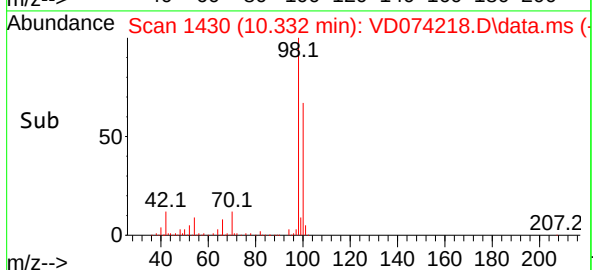
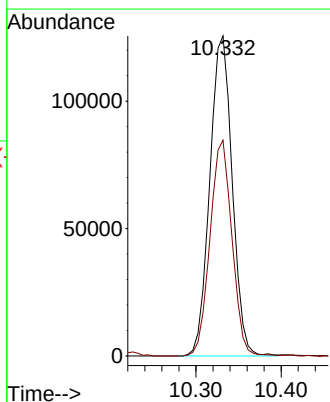
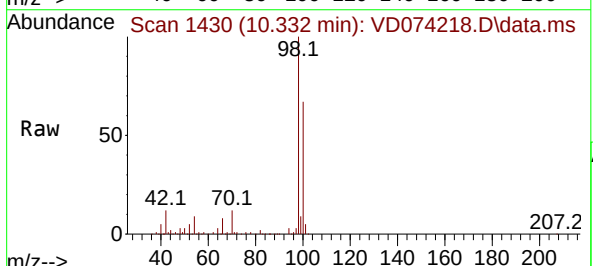
RT: 10.332 min Scan# 1430

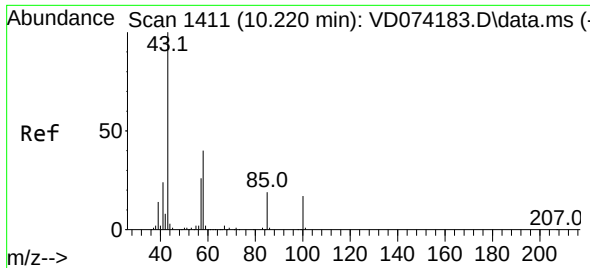
Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

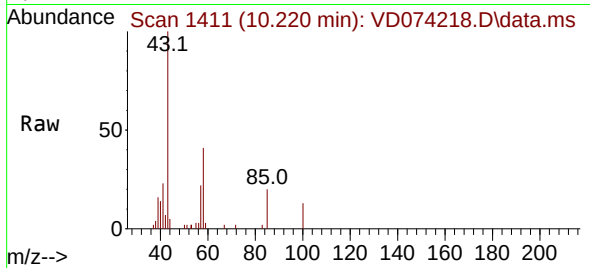
Tgt Ion:	98	Resp:	229344
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 19.058 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

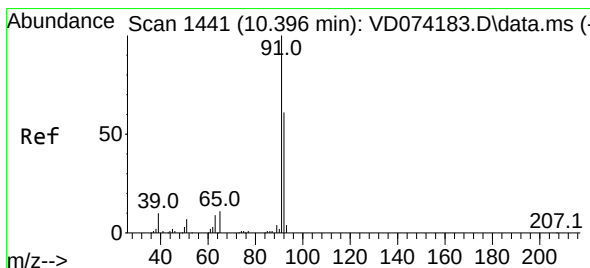
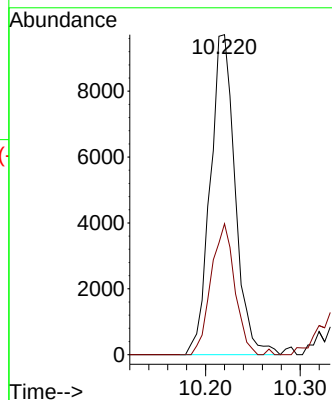
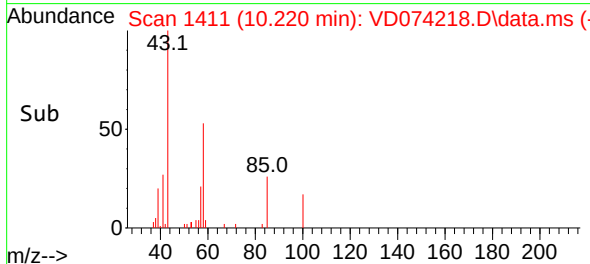
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0

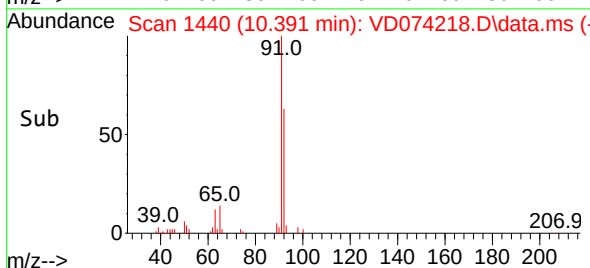
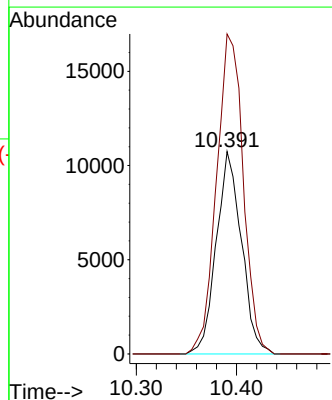
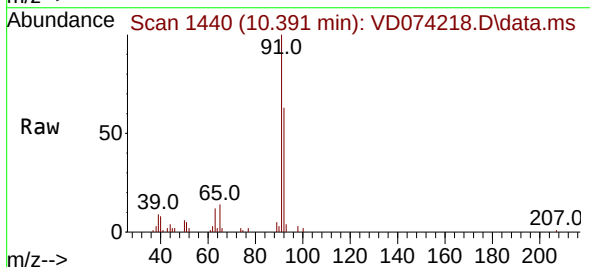
Manual Integrations
APPROVED

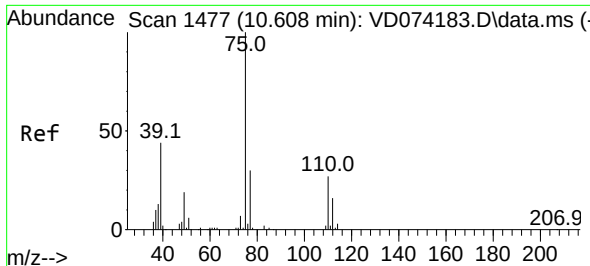
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#52
Toluene
Concen: 4.283 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

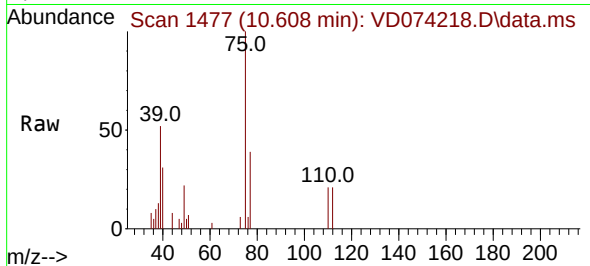
Tgt Ion: 92 Resp: 18691
Ion Ratio Lower Upper
92 100
91 167.8 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 4.074 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

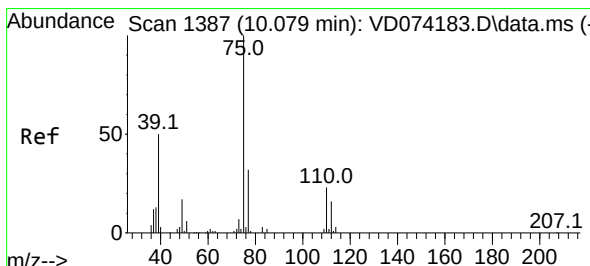
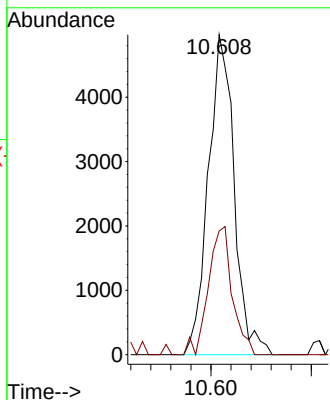
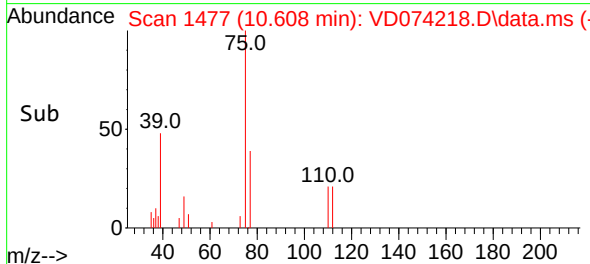
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



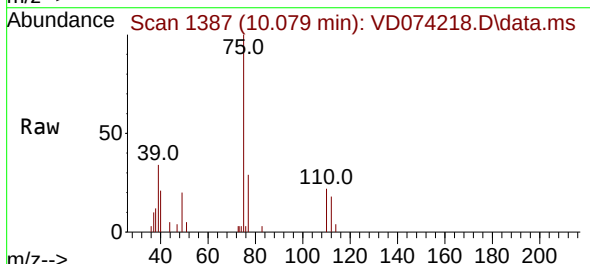
Tgt Ion: 75 Resp: 8884
Ion Ratio Lower Upper
75 100
77 38.6 24.5 36.7

Manual Integrations
APPROVED

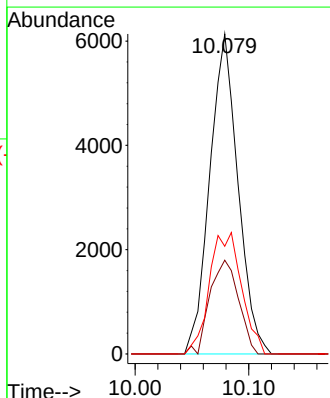
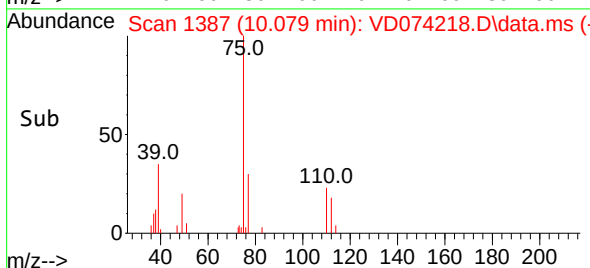
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

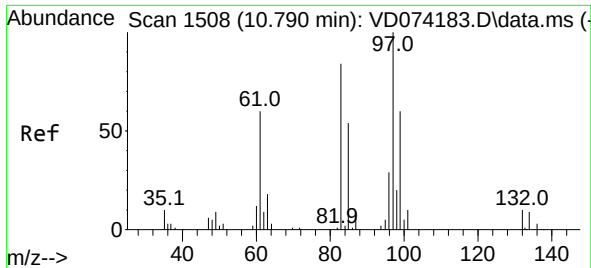


#54
cis-1,3-Dichloropropene
Concen: 4.100 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



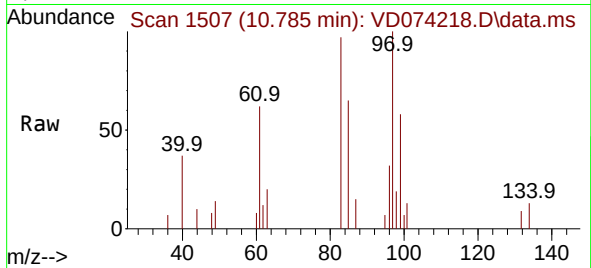
Tgt Ion: 75 Resp: 10602
Ion Ratio Lower Upper
75 100
77 29.3 24.8 37.2
39 33.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 4.323 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

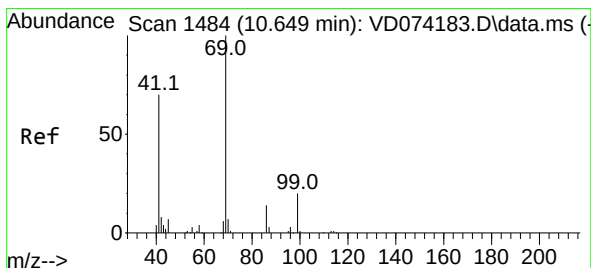
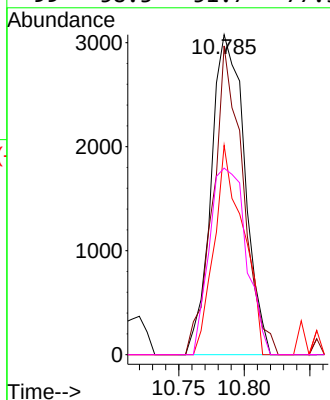
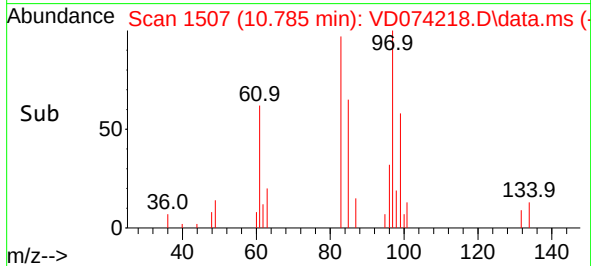
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



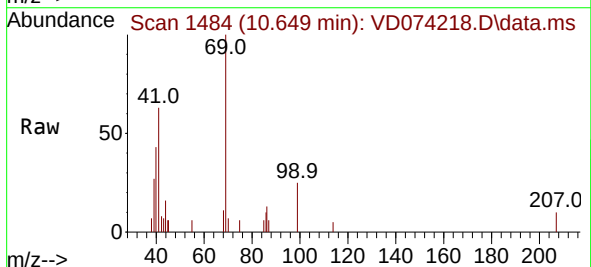
Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.5	69.0	103.4
85	65.4	42.6	63.8
99	58.3	51.7	77.5

Manual Integrations
APPROVED

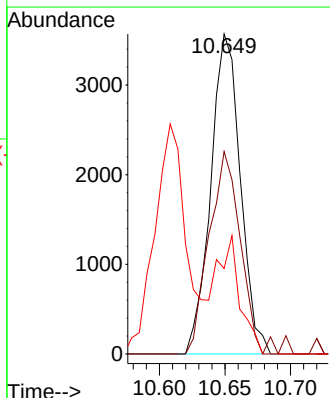
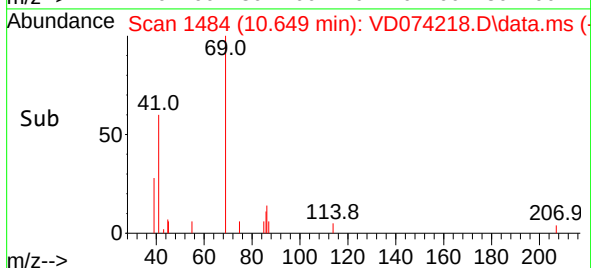
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

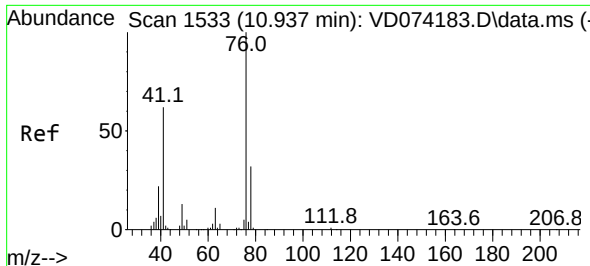


#56
Ethyl methacrylate
Concen: 3.880 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	63.0	94.6
39	28.0	33.8	50.8





#57

1,3-Dichloropropane

Concen: 4.394 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD074218.D

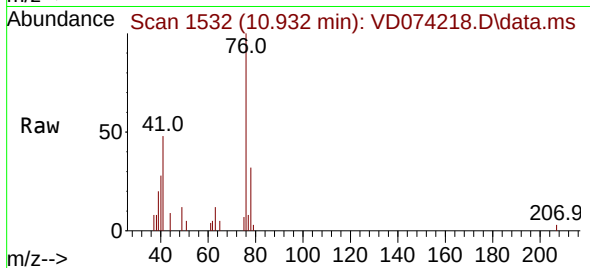
Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 76 Resp: 928

Ion Ratio Lower Upper

76 100

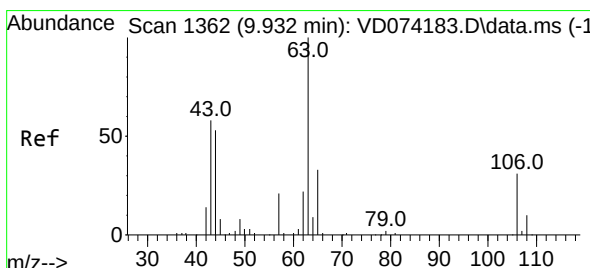
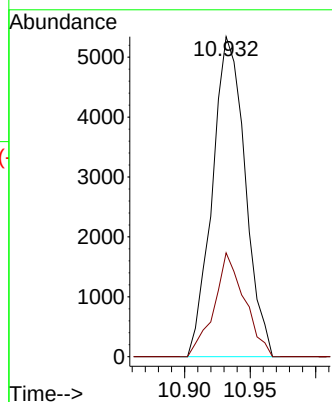
78 30.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 17.756 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074218.D

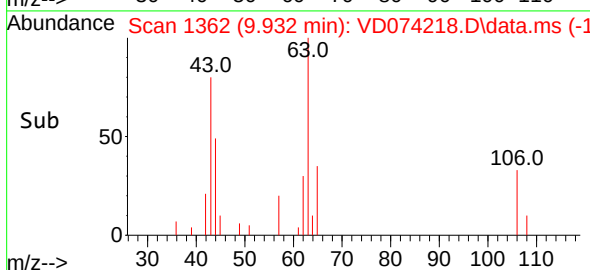
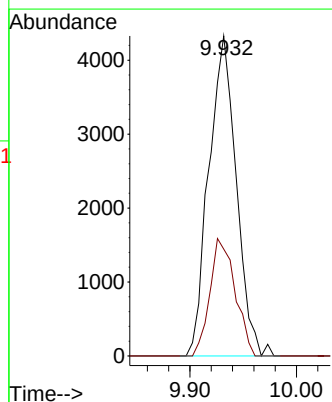
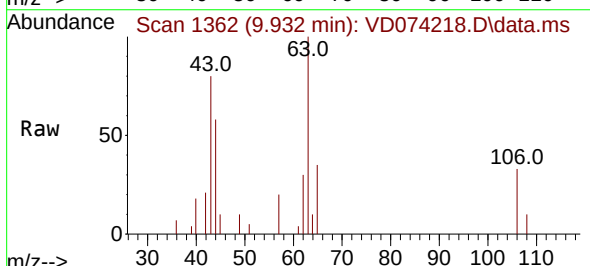
Acq: 24 Aug 2022 12:42

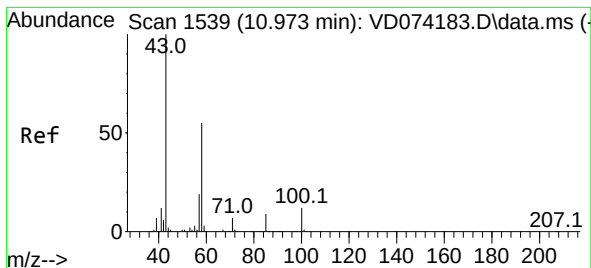
Tgt Ion: 63 Resp: 7764

Ion Ratio Lower Upper

63 100

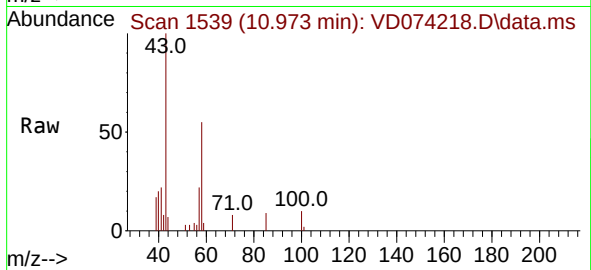
106 33.6 21.4 32.0





#59
2-Hexanone
Concen: 19.391 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

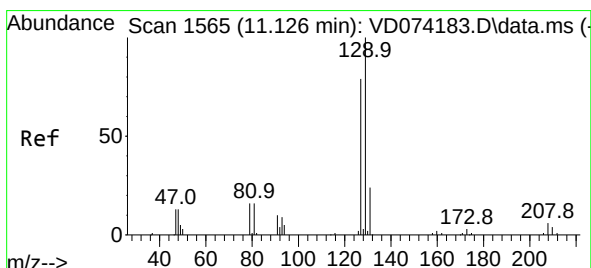
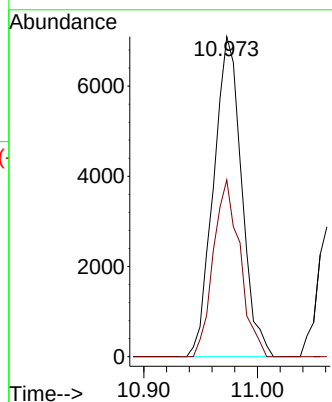
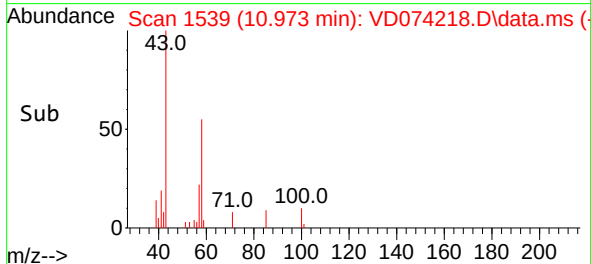
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9

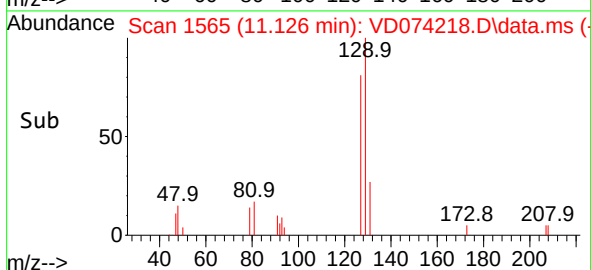
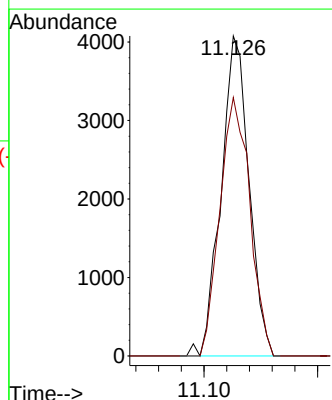
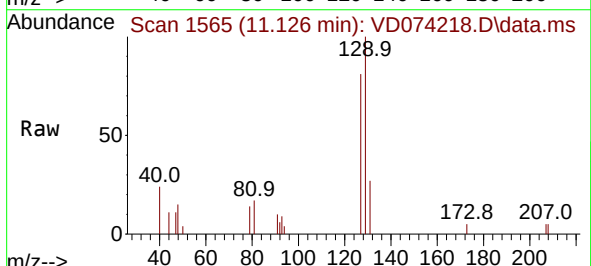
Manual Integrations
APPROVED

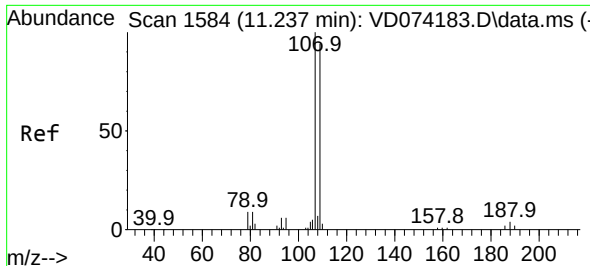
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#60
Dibromochloromethane
Concen: 4.239 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

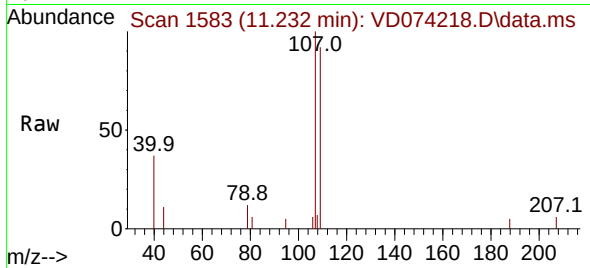
Tgt Ion:129 Resp: 6961
Ion Ratio Lower Upper
129 100
127 86.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.424 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

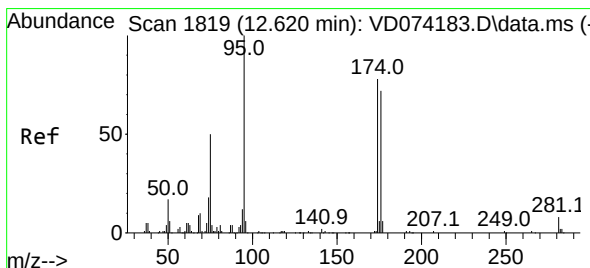
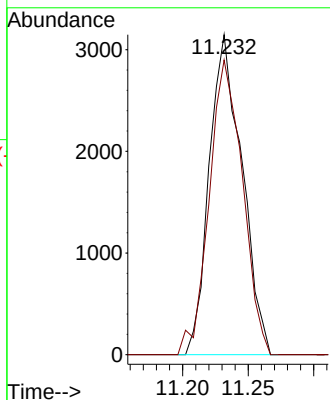
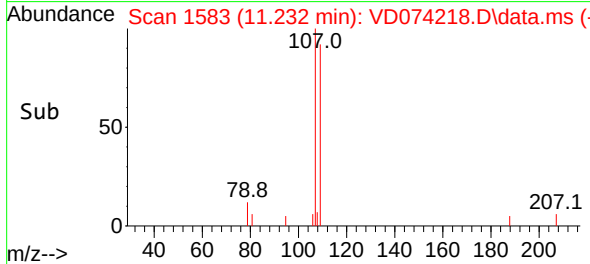
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:107 Resp: 545
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4

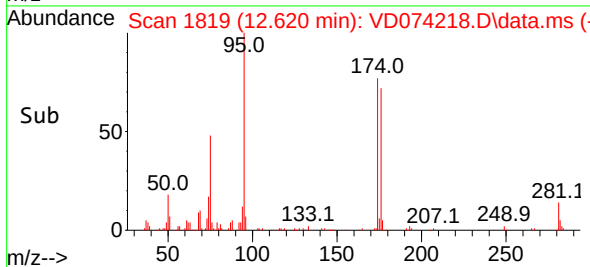
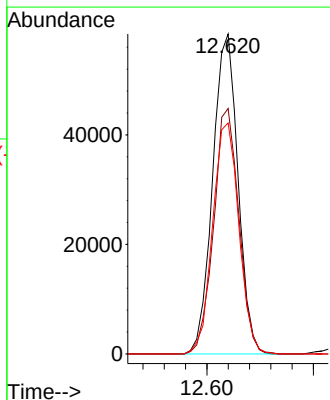
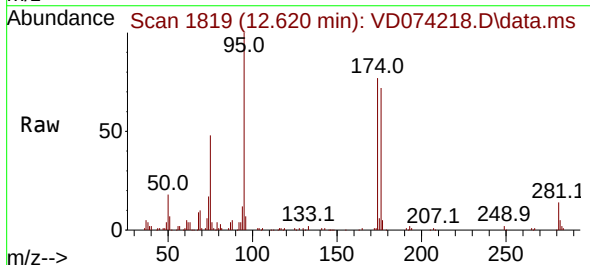
Manual Integrations
APPROVED

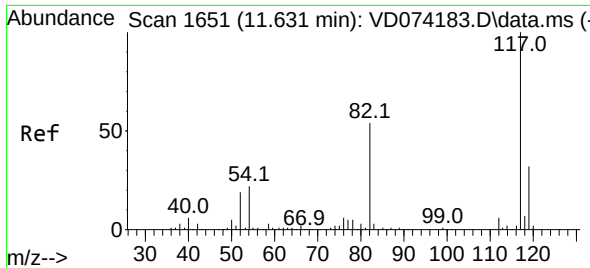
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#62
4-Bromofluorobenzene
Concen: 48.491 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

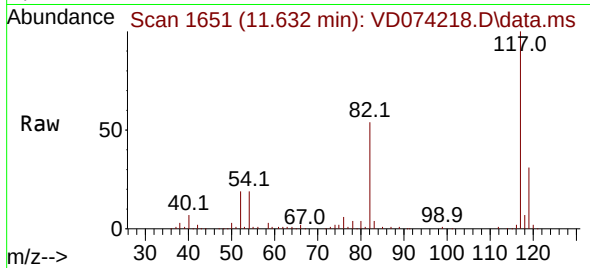
Tgt Ion: 95 Resp: 96077
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

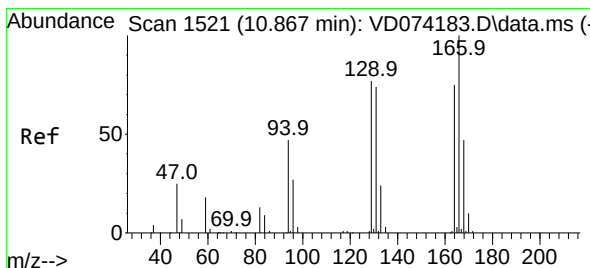
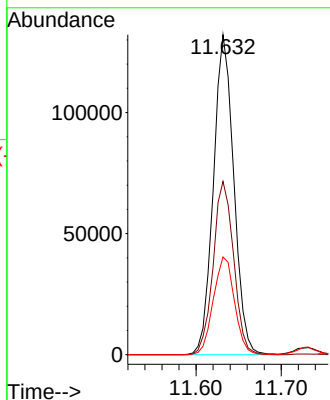
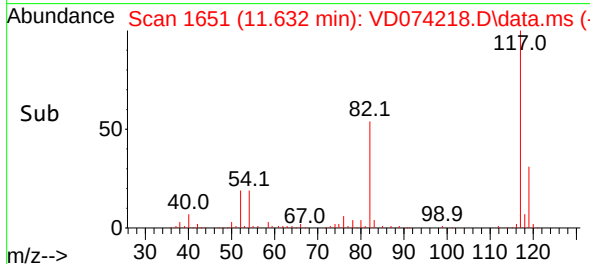
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:117 Resp: 219978
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 30.6 26.6 40.0

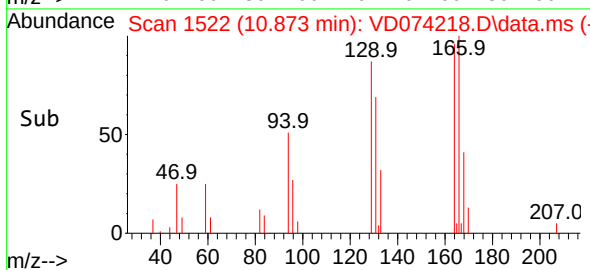
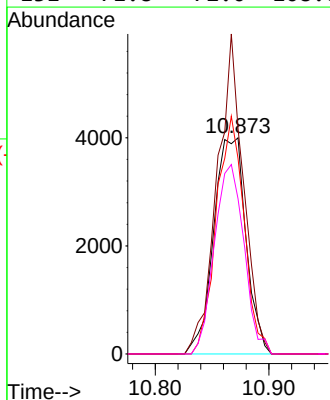
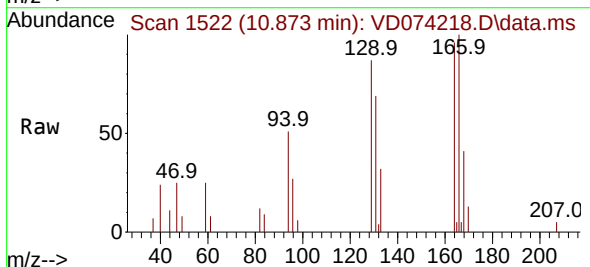
Manual Integrations
APPROVED

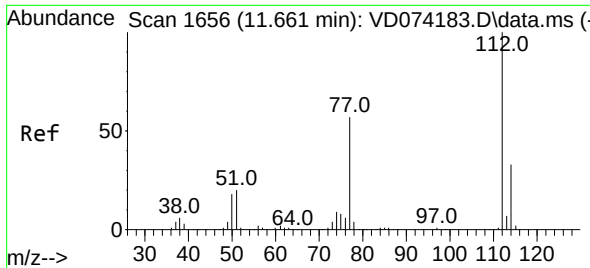
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#64
Tetrachloroethene
Concen: 4.913 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:164 Resp: 7887
Ion Ratio Lower Upper
164 100
166 104.2 98.5 147.7
129 90.5 74.6 111.8
131 71.8 72.0 108.0#





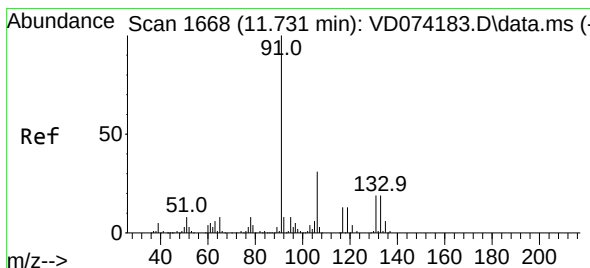
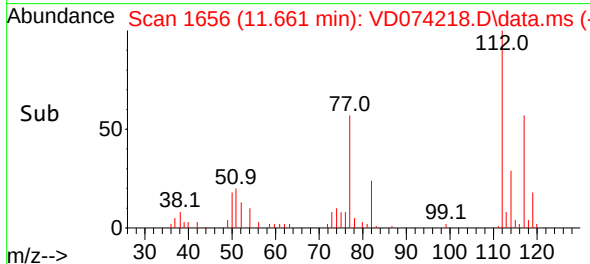
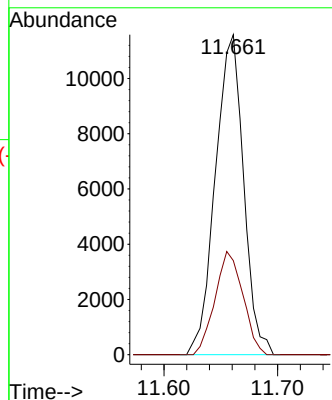
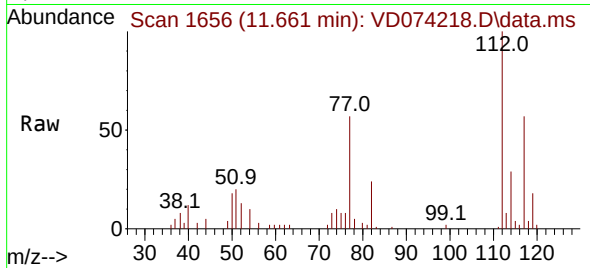
#65
Chlorobenzene
Concen: 4.173 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:112 Resp: 2000
Ion Ratio Lower Upper
112 100
114 29.4 25.8 38.6

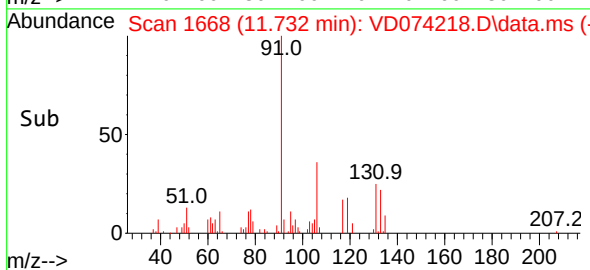
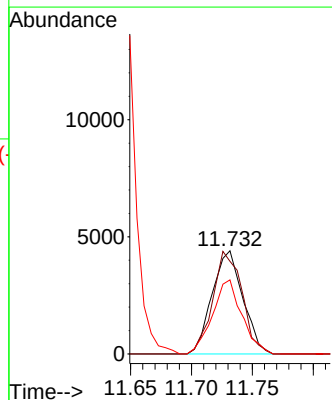
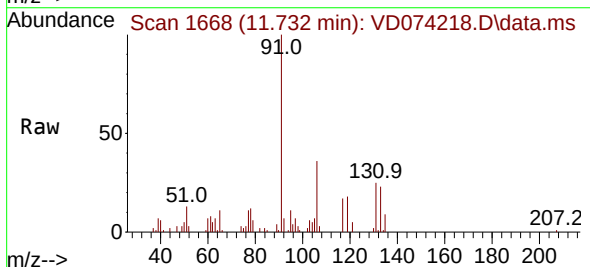
Manual Integrations
APPROVED

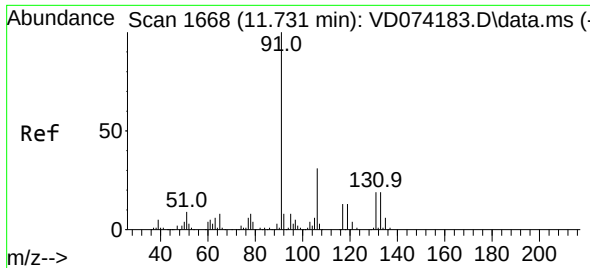
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.298 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:131 Resp: 7746
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 68.8 31.9 95.9





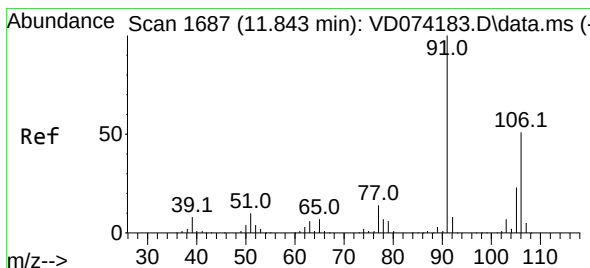
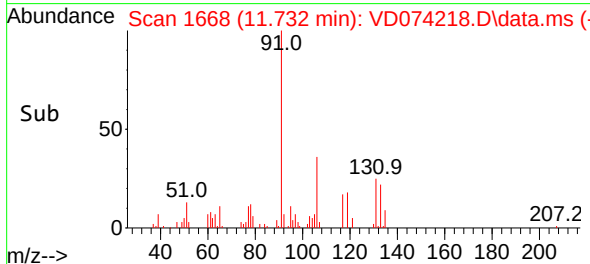
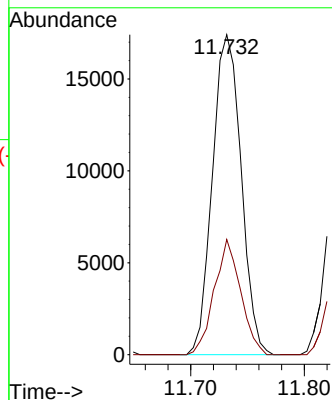
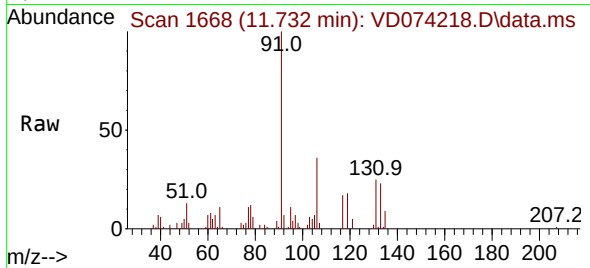
#67
Ethyl Benzene
Concen: 3.724 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 30550
Ion Ratio Lower Upper
91 100
106 36.0 24.2 36.4

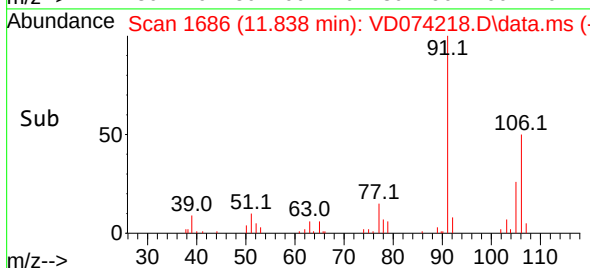
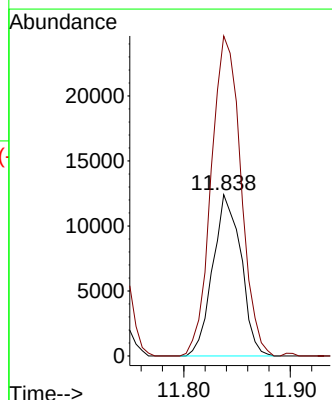
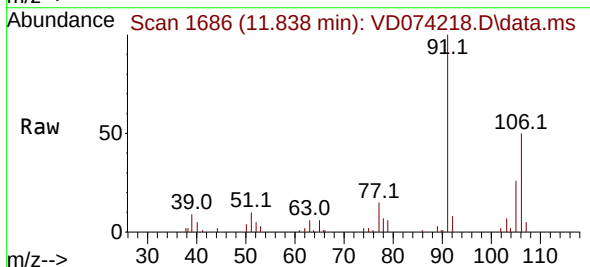
Manual Integrations
APPROVED

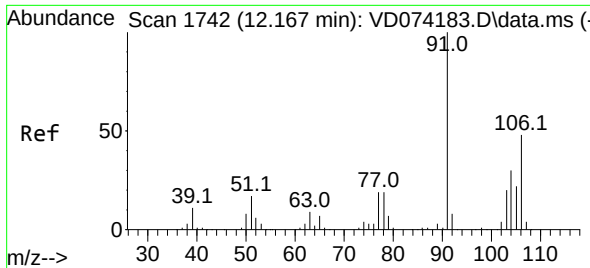
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#68
m/p-Xylenes
Concen: 6.990 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:106 Resp: 22844
Ion Ratio Lower Upper
106 100
91 208.1 163.7 245.5





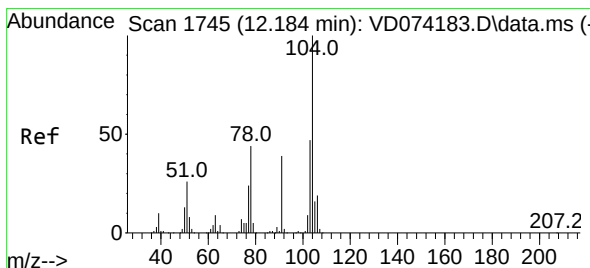
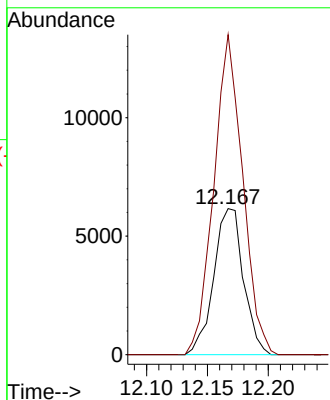
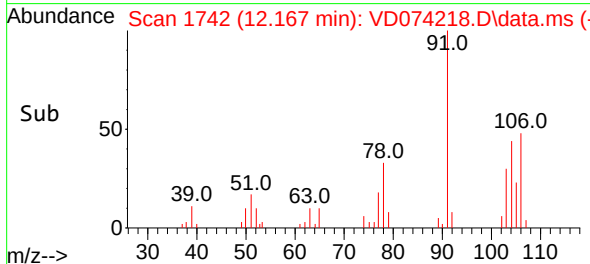
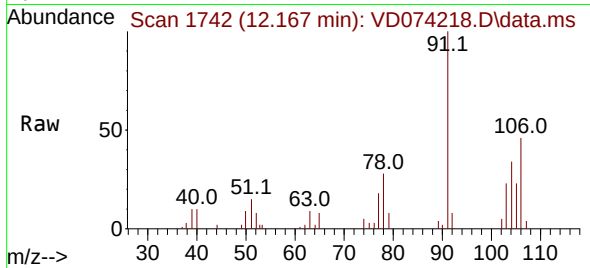
#69
o-Xylene
Concen: 3.476 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:106 Resp: 1048
Ion Ratio Lower Upper
106 100
91 212.8 110.4 331.2

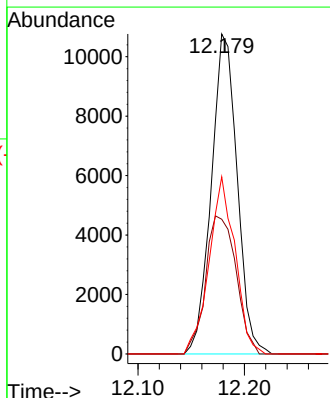
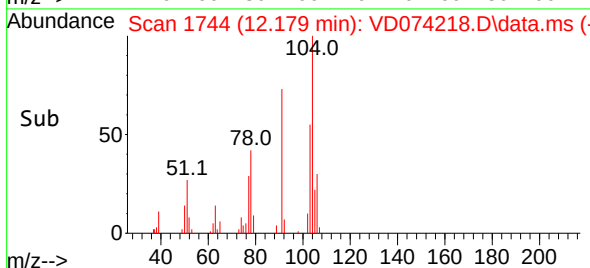
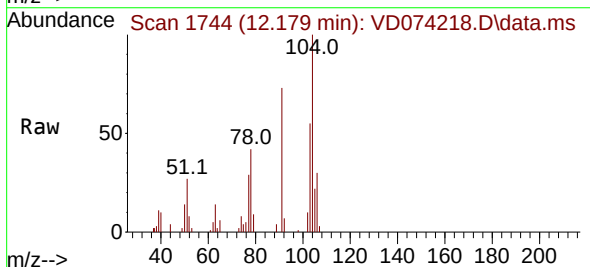
Manual Integrations
APPROVED

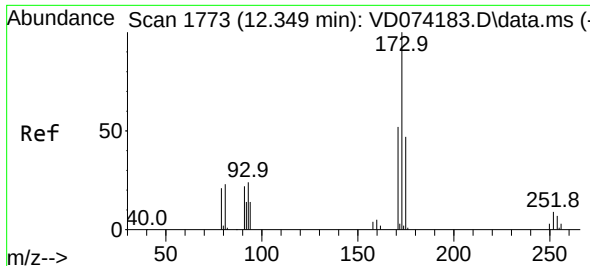
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#70
Styrene
Concen: 3.514 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

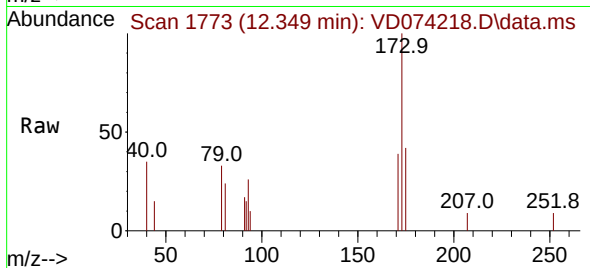
Tgt Ion:104 Resp: 18166
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 55.4 44.2 66.4





#71
Bromoform
Concen: 4.559 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

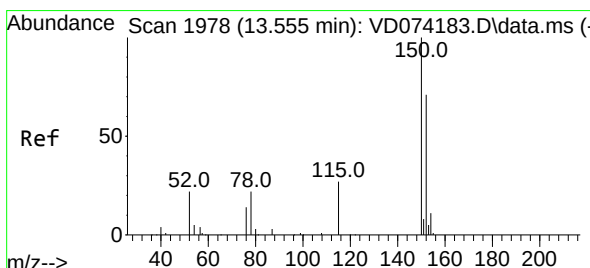
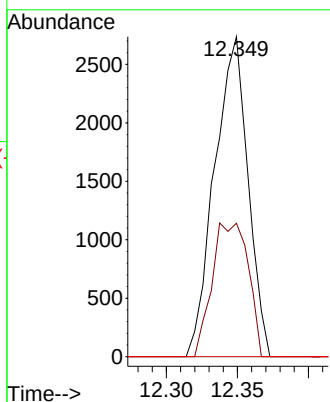
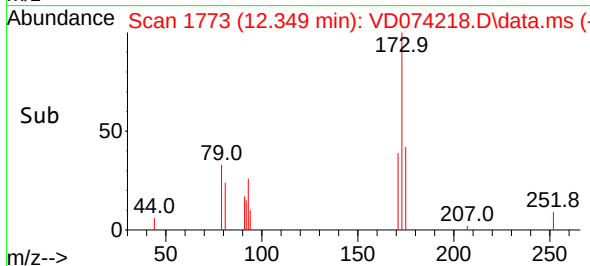
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



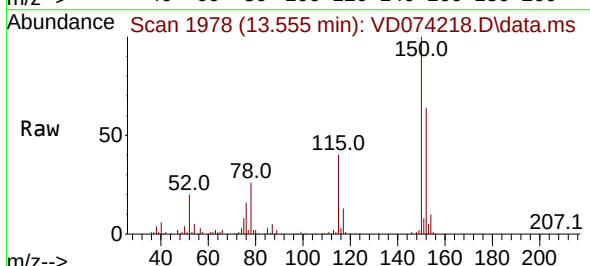
Tgt Ion:173 Resp: 4469
Ion Ratio Lower Upper
173 100
175 45.3 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

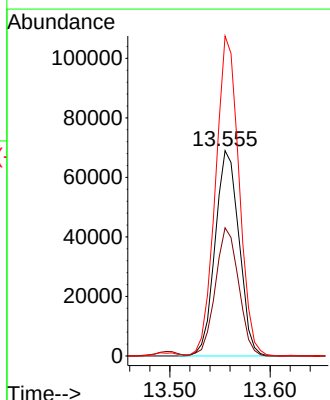
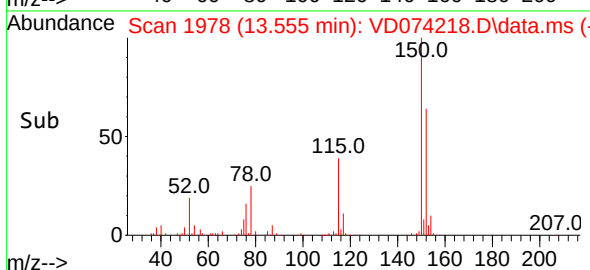
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

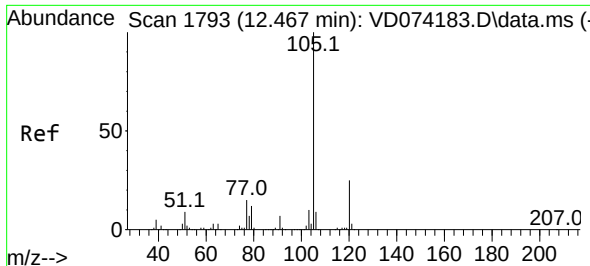


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



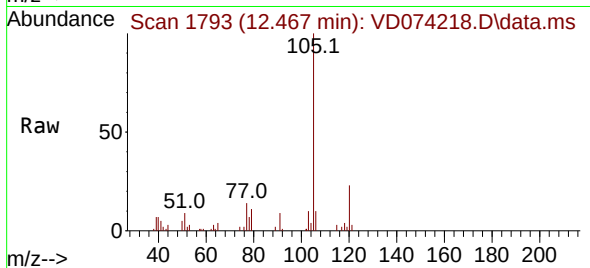
Tgt Ion:152 Resp: 113967
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 153.4 0.0 348.6





#73
Isopropylbenzene
Concen: 3.523 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

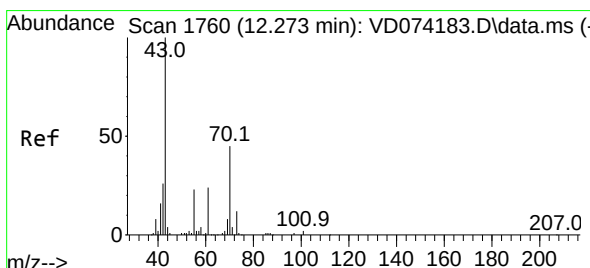
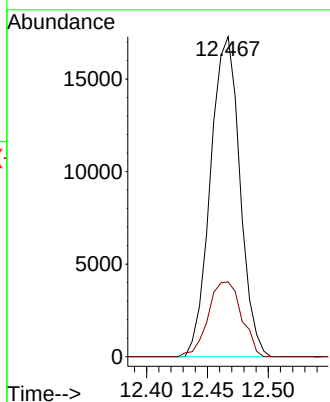
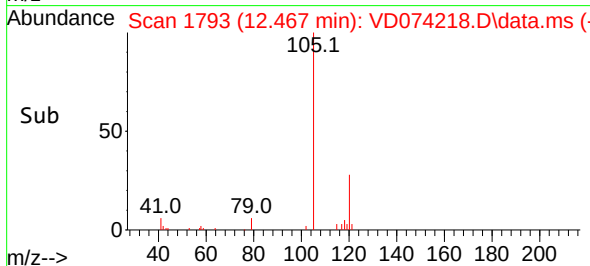
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



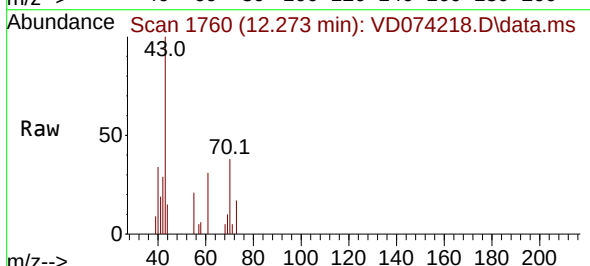
Tgt Ion:105 Resp: 29070
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

Manual Integrations
APPROVED

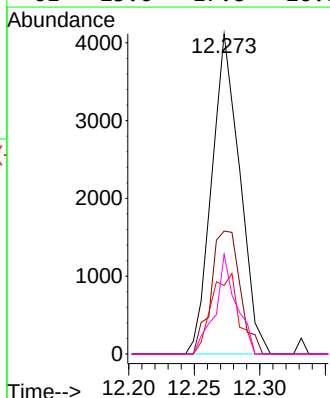
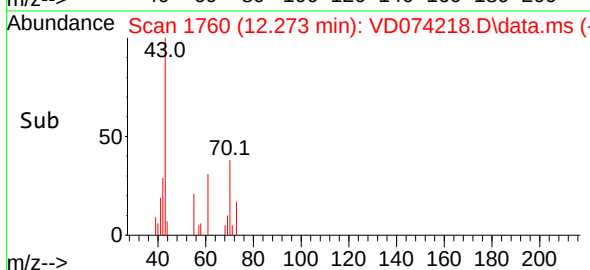
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

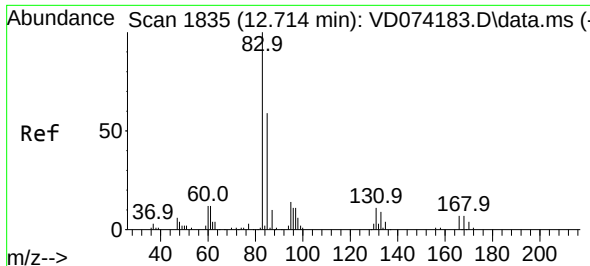


#74
N-ethyl acetate
Concen: 3.411 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



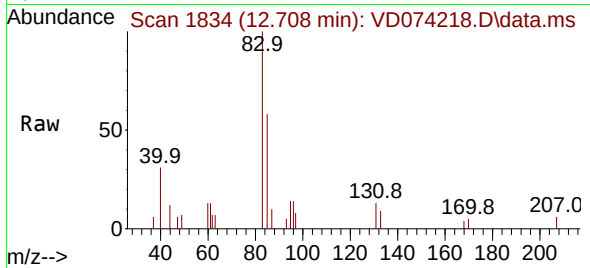
Tgt Ion: 43 Resp: 6123
Ion Ratio Lower Upper
43 100
70 39.9 31.3 46.9
55 24.0 20.0 30.0
61 23.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

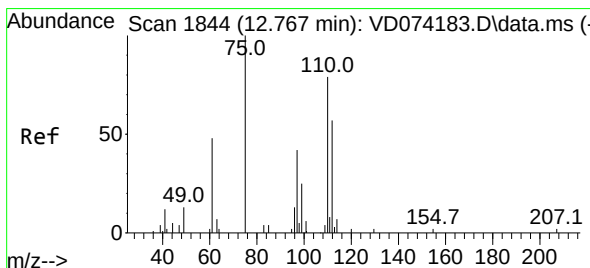
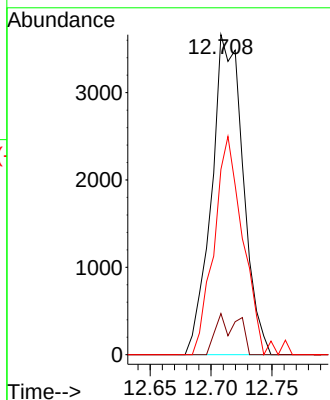
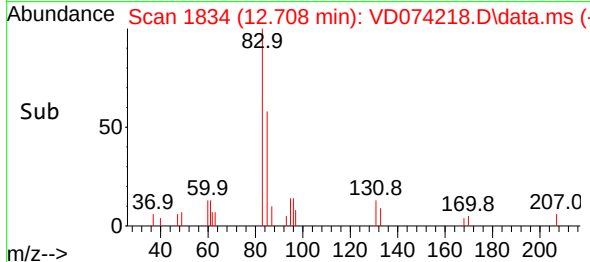
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 83 Resp: 660
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.4 32.6 98.0

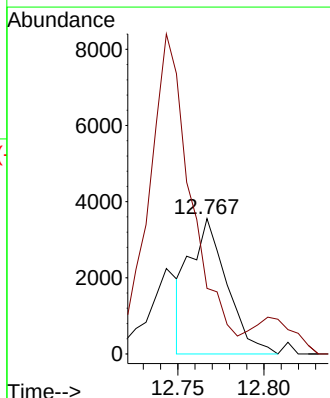
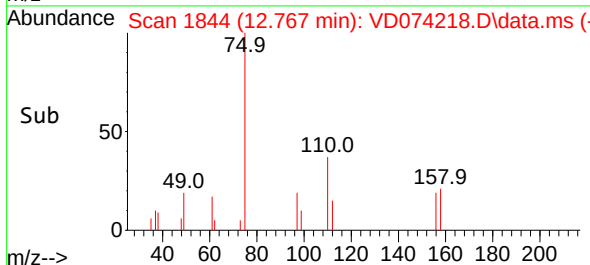
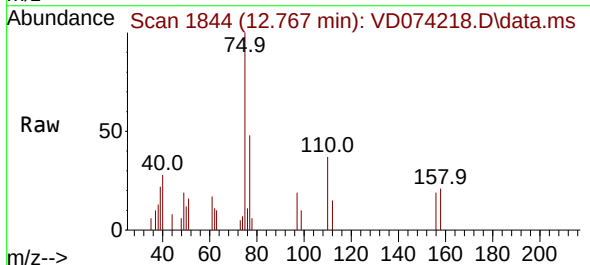
Manual Integrations
APPROVED

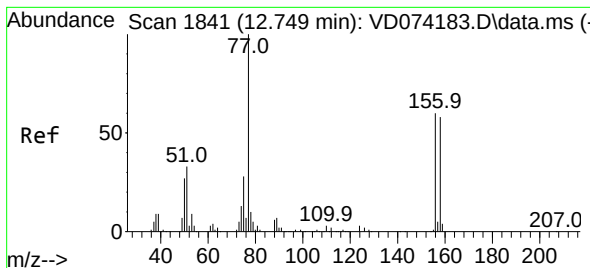
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#76
1,2,3-Trichloropropane
Concen: 4.792 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 75 Resp: 5333
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.973 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

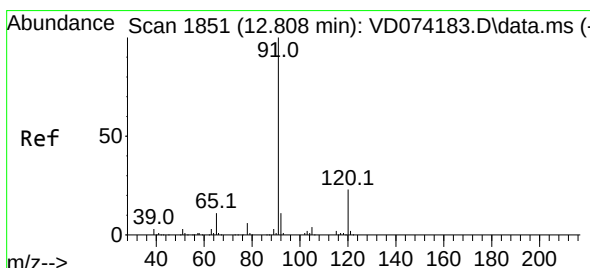
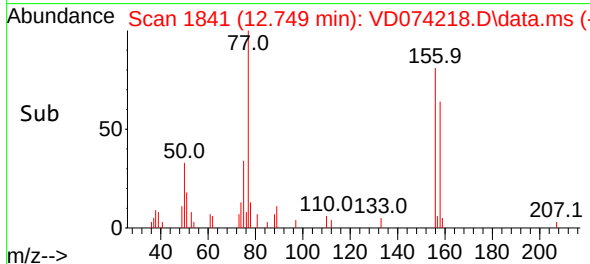
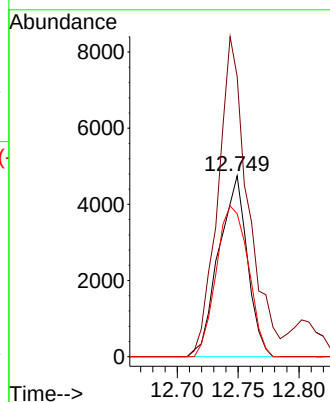
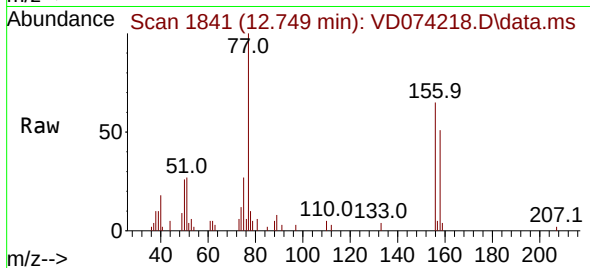
Tgt Ion:	156	Resp:	776
Ion Ratio	Lower	Upper	
156	100		
77	186.1	102.8	308.3
158	93.7	48.7	146.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#78

n-propylbenzene

Concen: 3.732 ug/l

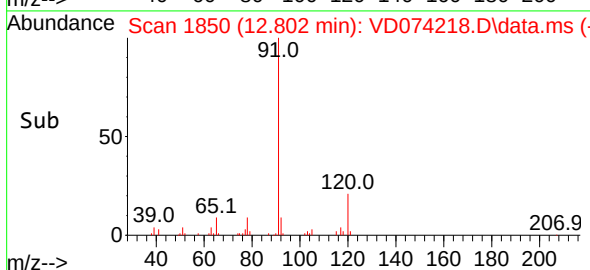
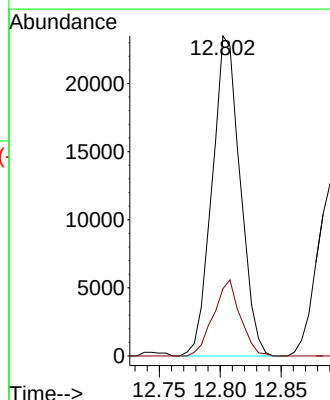
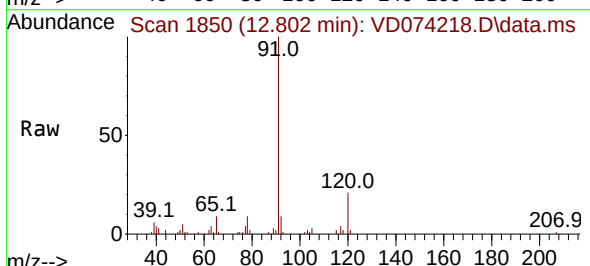
RT: 12.802 min Scan# 1850

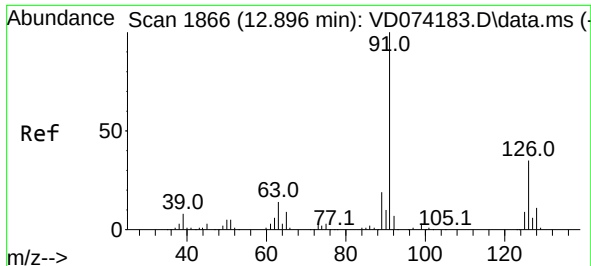
Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	91	Resp:	37666
Ion Ratio	Lower	Upper	
91	100		
120	22.6	10.9	32.9





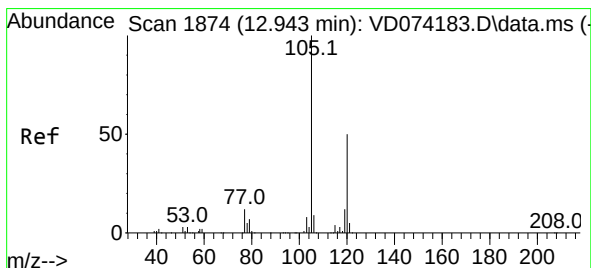
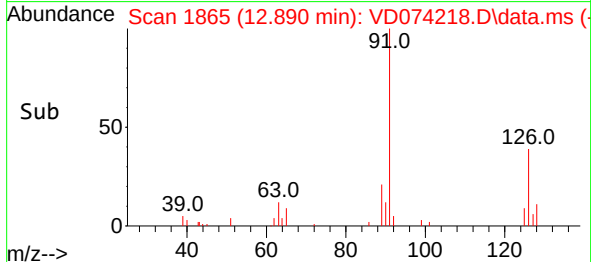
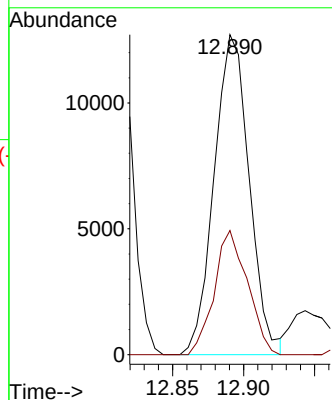
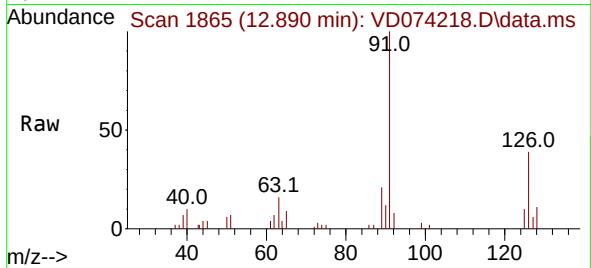
#79
2-Chlorotoluene
Concen: 3.752 ug/l
RT: 12.890 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 21864
Ion Ratio Lower Upper
91 100
126 36.7 16.2 48.6

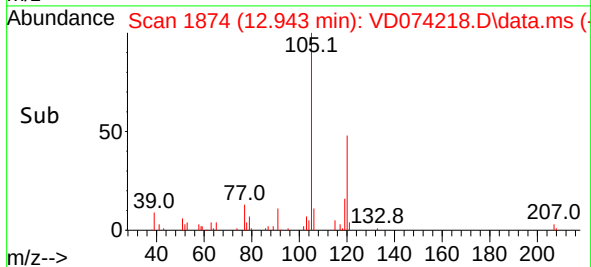
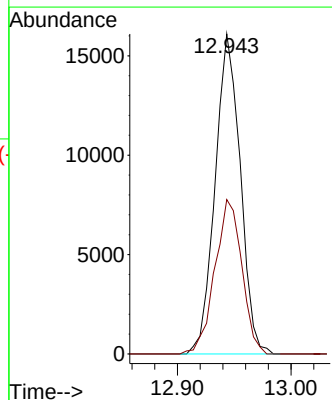
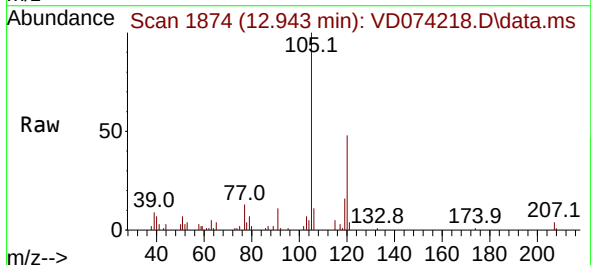
Manual Integrations
APPROVED

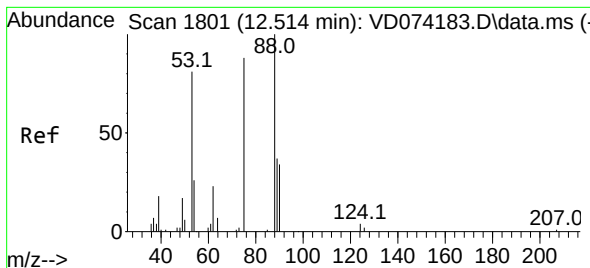
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.493 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

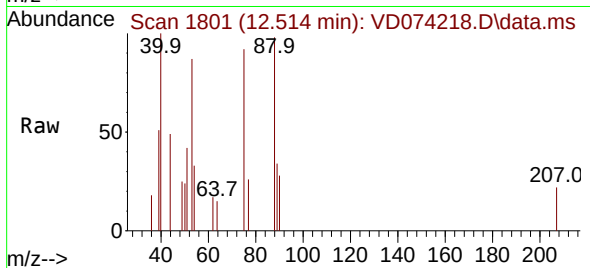
Tgt Ion:105 Resp: 24764
Ion Ratio Lower Upper
105 100
120 51.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 3.496 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

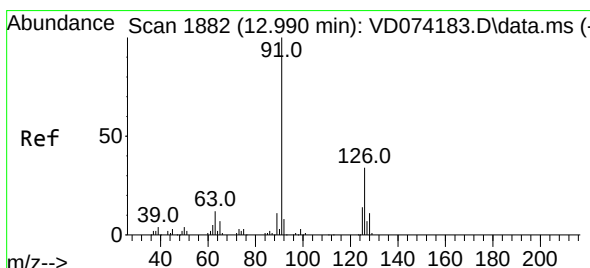
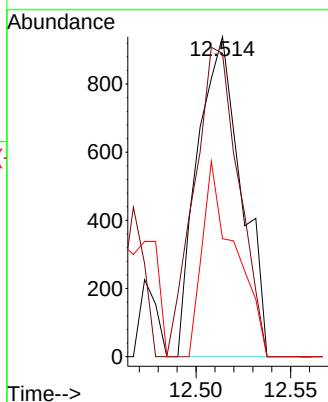
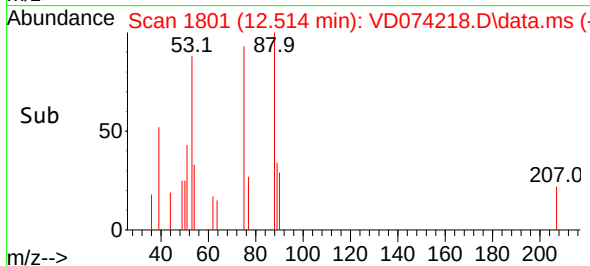
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 75 Resp: 151
Ion Ratio Lower Upper
75 100
53 98.0 86.5 129.7
89 45.5 33.9 50.9

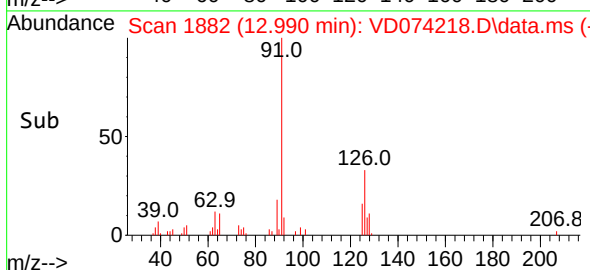
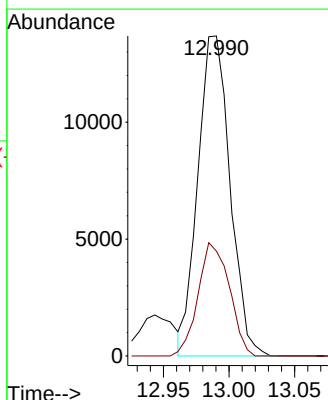
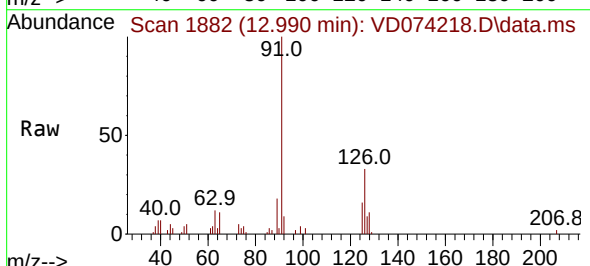
Manual Integrations
APPROVED

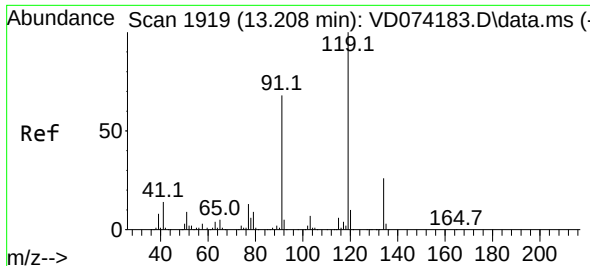
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#82
4-Chlorotoluene
Concen: 3.798 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

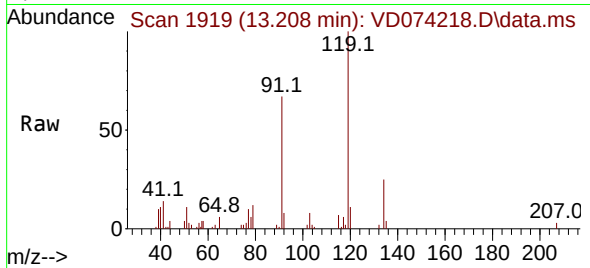
Tgt Ion: 91 Resp: 23416
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83
 tert-Butylbenzene
 Concen: 3.599 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

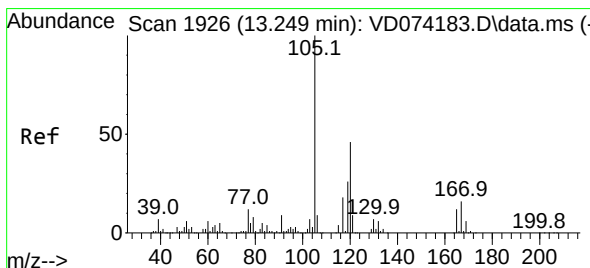
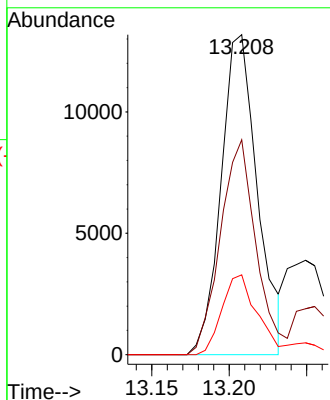
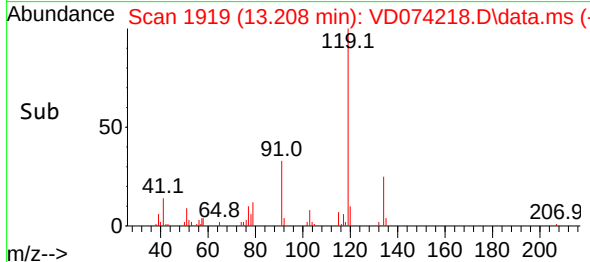
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



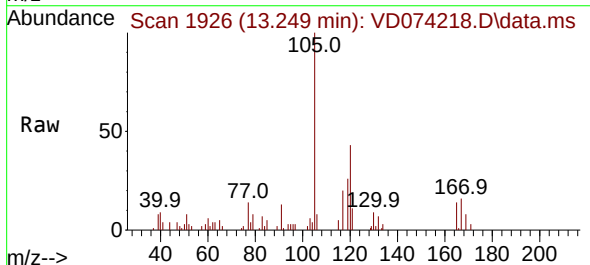
Tgt Ion:119 Resp: 2149
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.8 104.5
 134 24.5 13.3 39.9

Manual Integrations
 APPROVED

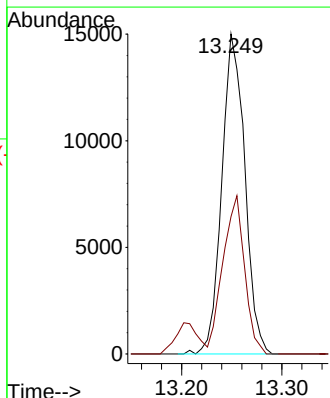
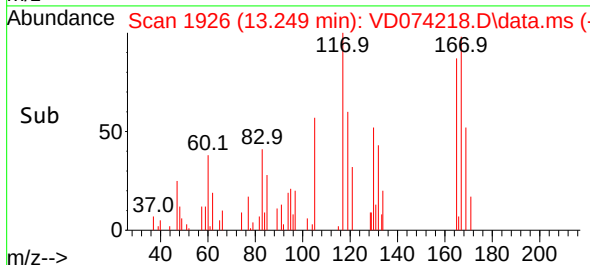
Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022

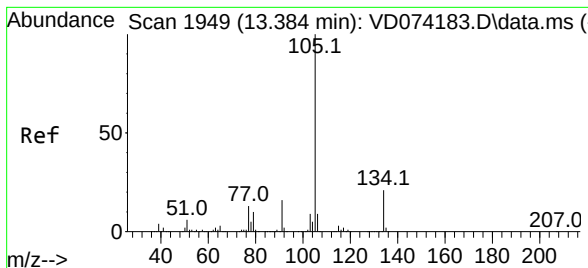


#84
 1,2,4-Trimethylbenzene
 Concen: 3.467 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42



Tgt Ion:105 Resp: 23922
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.3 66.8





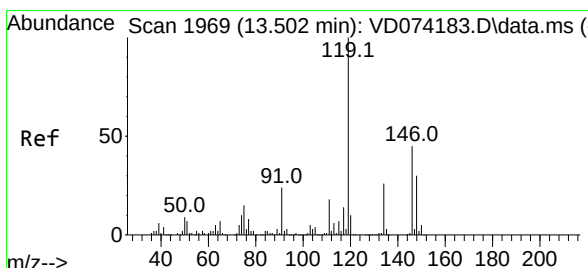
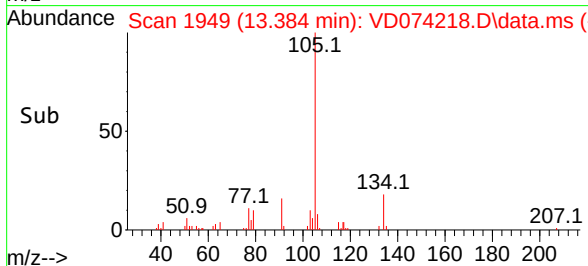
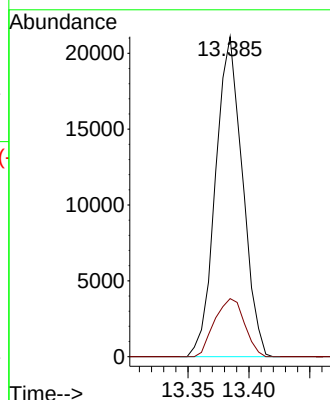
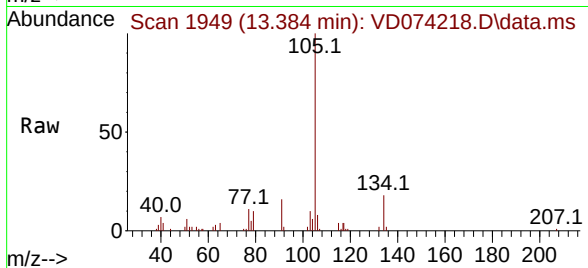
#85
 sec-Butylbenzene
 Concen: 3.603 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 3252
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

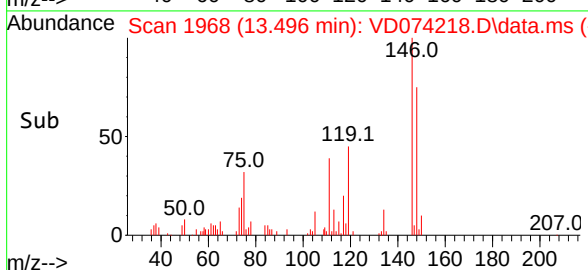
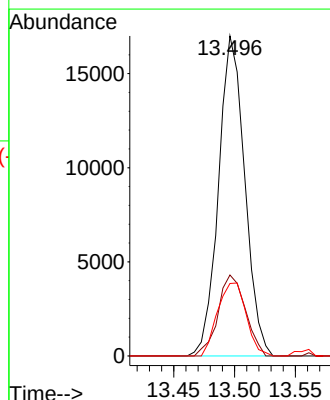
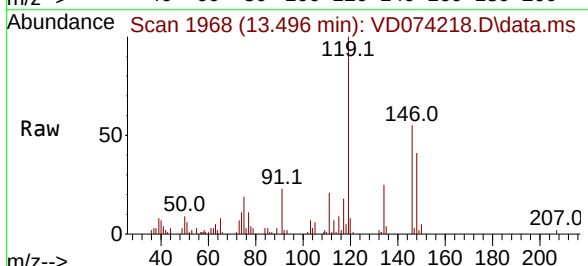
Manual Integrations
 APPROVED

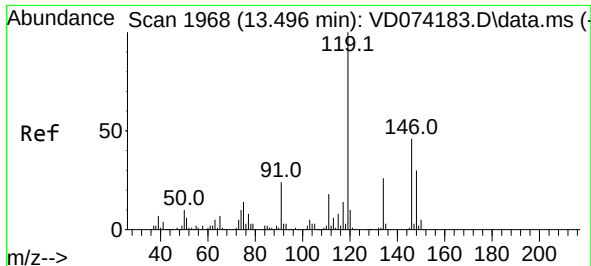
Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022



#86
 p-Isopropyltoluene
 Concen: 3.423 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion:119 Resp: 25498
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.275 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

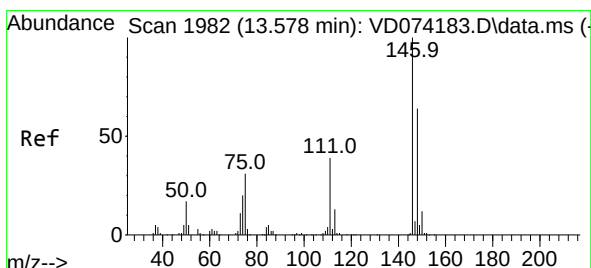
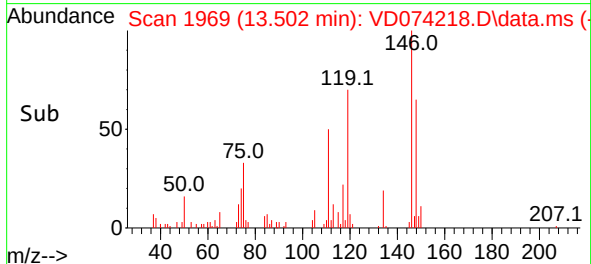
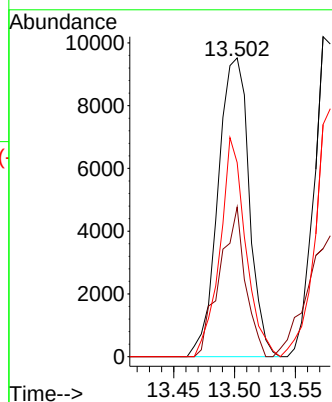
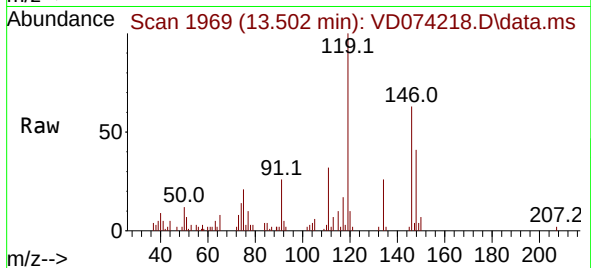
Tgt Ion:	146	Resp:	16908
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.4	61.3
148	60.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#88

1,4-Dichlorobenzene

Concen: 4.095 ug/l

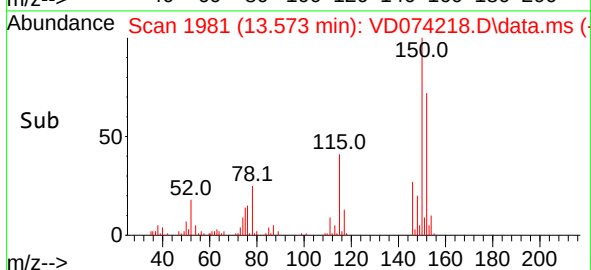
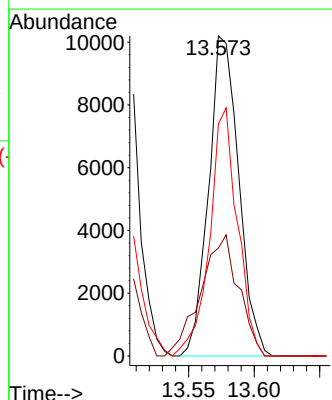
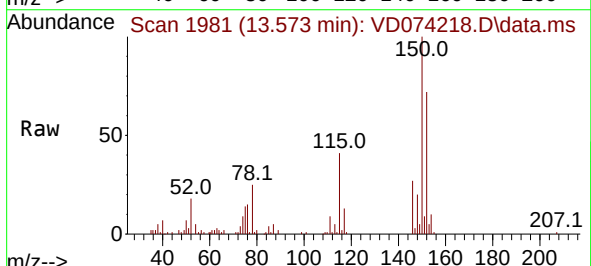
RT: 13.573 min Scan# 1981

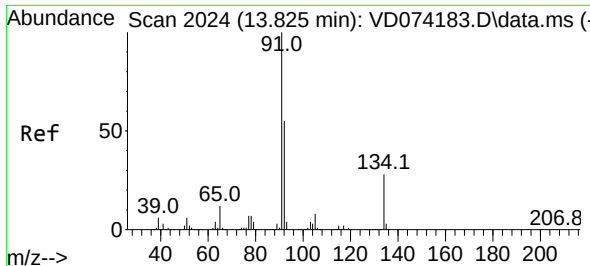
Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

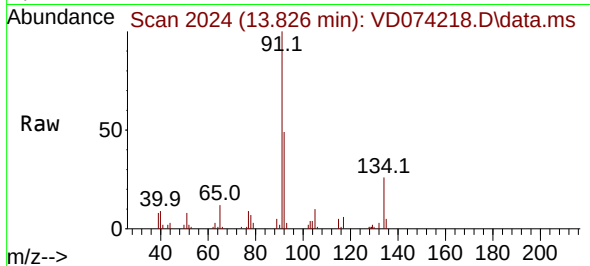
Tgt Ion:	146	Resp:	16317
Ion Ratio	Lower	Upper	
146	100		
111	47.7	20.3	60.9
148	71.4	31.7	95.1





#89
n-Butylbenzene
Concen: 3.729 ug/l
RT: 13.826 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

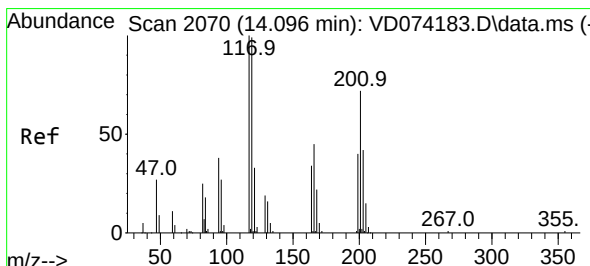
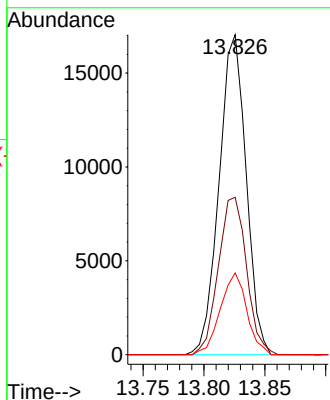
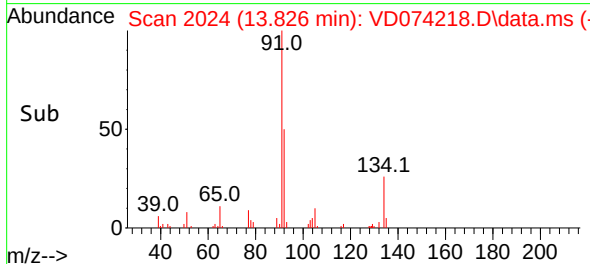
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 91 Resp: 26324
Ion Ratio Lower Upper
91 100
92 51.4 26.6 79.8
134 25.1 12.3 36.9

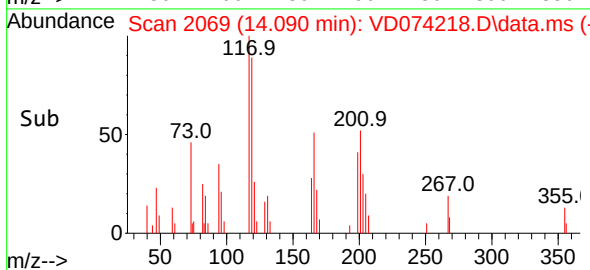
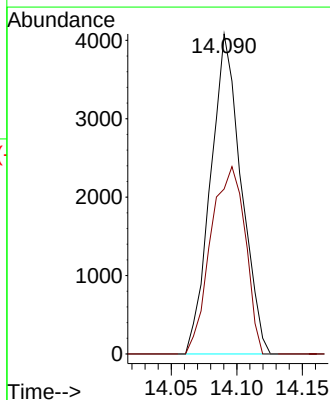
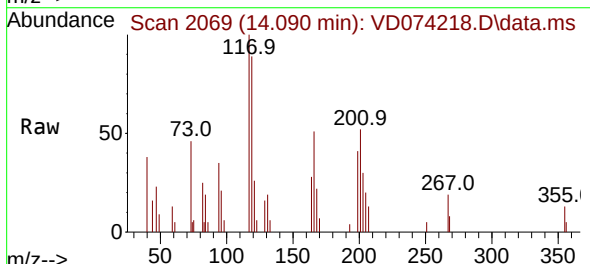
Manual Integrations
APPROVED

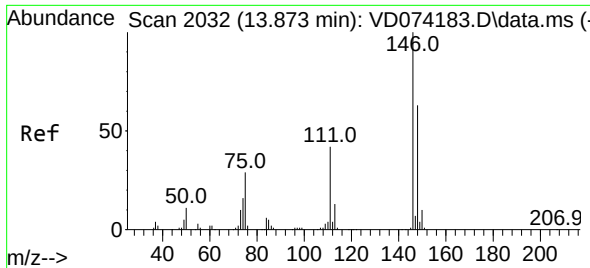
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#90
Hexachloroethane
Concen: 4.378 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:117 Resp: 6615
Ion Ratio Lower Upper
117 100
201 66.2 33.4 100.2





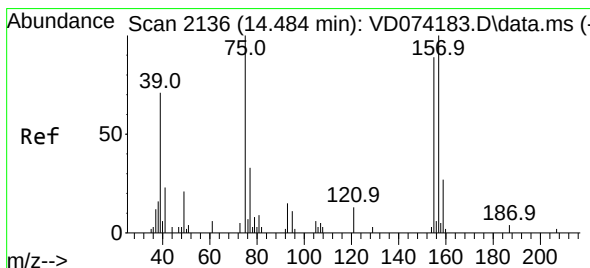
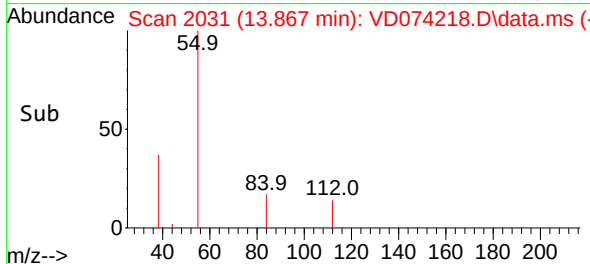
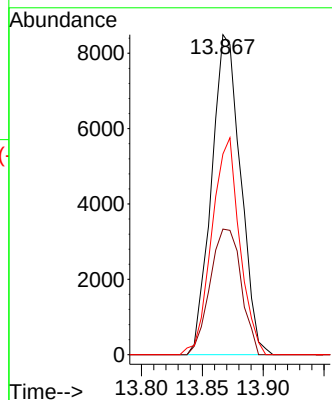
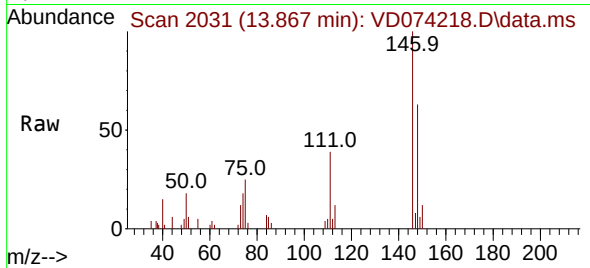
#91
1,2-Dichlorobenzene
Concen: 4.107 ug/l
RT: 13.867 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:146 Resp: 1412
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 64.9 31.7 95.1

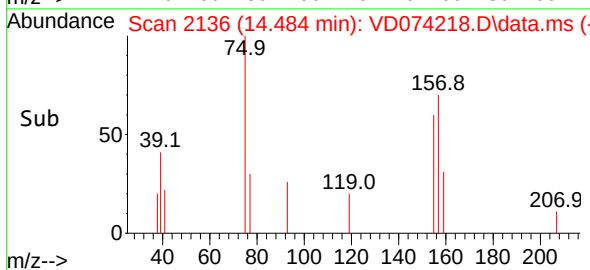
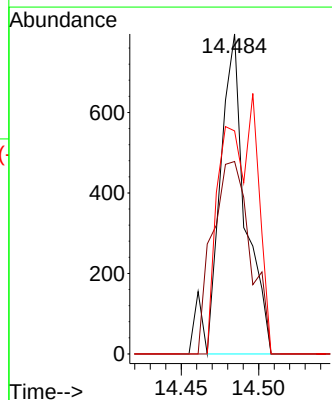
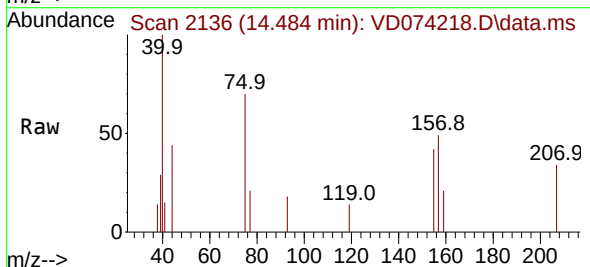
Manual Integrations
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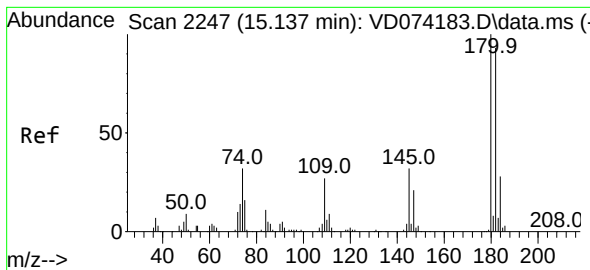
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.846 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

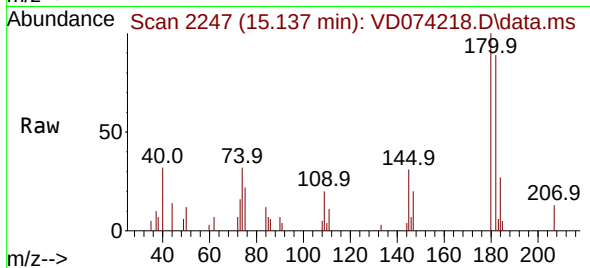
Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
155 87.7 36.8 110.3
157 110.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 3.997 ug/l
RT: 15.137 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

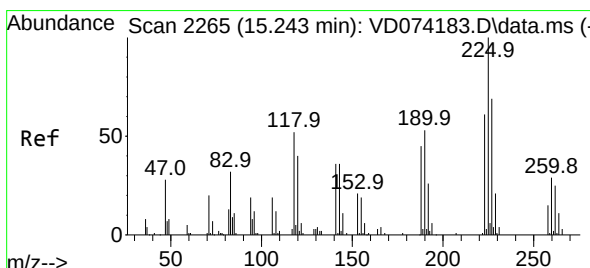
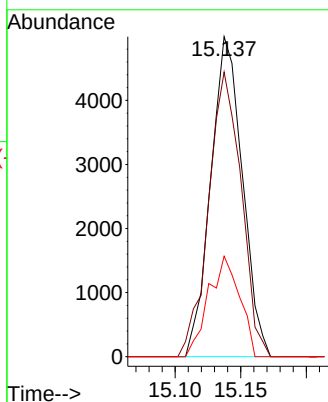
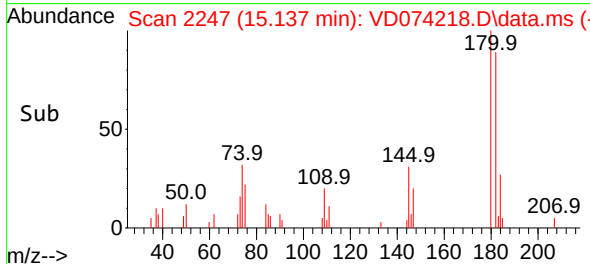
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



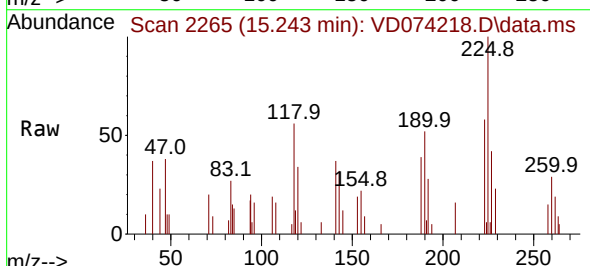
Tgt Ion:180 Resp: 8389
Ion Ratio Lower Upper
180 100
182 91.3 47.3 142.0
145 30.7 16.2 48.5

Manual Integrations
APPROVED

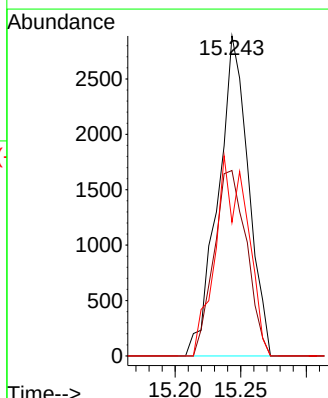
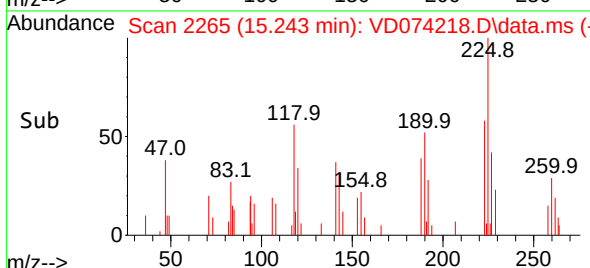
Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

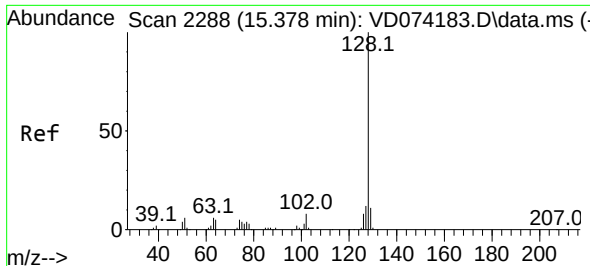


#94
Hexachlorobutadiene
Concen: 3.946 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42



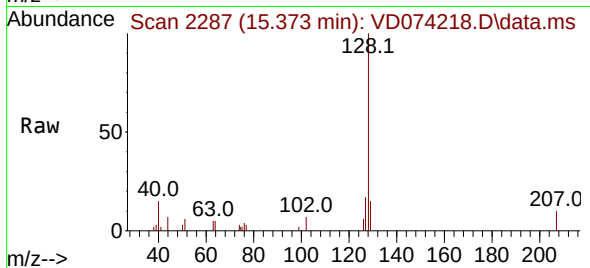
Tgt Ion:225 Resp: 4647
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 65.9 32.4 97.0





#95
Naphthalene
Concen: 3.504 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

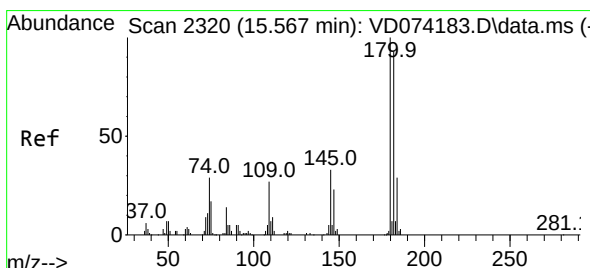
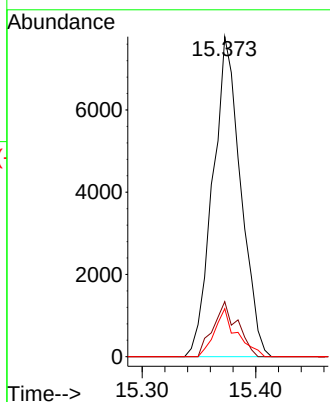
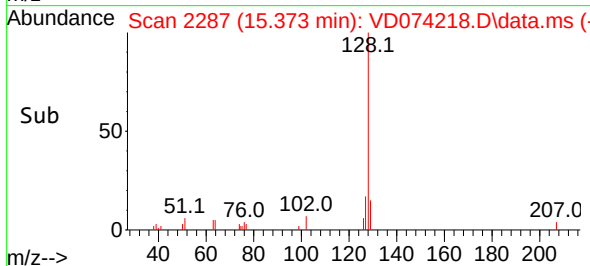
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:128 Resp: 13300
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 11.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 3.854 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:180 Resp: 7054
Ion Ratio Lower Upper
180 100
182 91.8 47.6 142.9
145 33.2 17.1 51.3

