

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072435.D
 Acq On : 25 Mar 2022 18:06
 Operator : VA/SY
 Sample : N1645-03 4.0PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 26 01:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 01:55:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	368160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	574276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226317	55.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.914	113	222599	50.611	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.220%			
50) Toluene-d8	10.332	98	780249	48.517	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.620	95	298660	47.795	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	10424	3.061	ug/l	96
3) Chloromethane	2.208	50	11084	3.663	ug/l #	86
4) Vinyl Chloride	2.344	62	10819	3.704	ug/l	97
5) Bromomethane	2.761	94	8330	4.380	ug/l	82
6) Chloroethane	2.920	64	7750	4.013	ug/l	98
7) Trichlorofluoromethane	3.273	101	20963	3.178	ug/l	94
8) Diethyl Ether	3.714	74	7865	4.317	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	15209	3.616	ug/l	99
10) Methyl Iodide	4.297	142	8761	2.605	ug/l #	87
11) Tert butyl alcohol	5.220	59	6371	26.781	ug/l #	94
12) 1,1-Dichloroethene	4.061	96	11640	3.440	ug/l	80
13) Acrolein	3.920	56	3606	16.987	ug/l	89
14) Allyl chloride	4.708	41	22893	3.870	ug/l	95
15) Acrylonitrile	5.420	53	21177	23.038	ug/l #	90
16) Acetone	4.155	43	20383	22.881	ug/l #	83
17) Carbon Disulfide	4.408	76	15872	2.300	ug/l	97
18) Methyl Acetate	4.726	43	13404	6.140	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	42763	4.650	ug/l	92
20) Methylene Chloride	4.961	84	26052	4.866	ug/l #	91
21) trans-1,2-Dichloroethene	5.467	96	12078	3.227	ug/l	88
22) Diisopropyl ether	6.361	45	61131	4.530	ug/l #	93
23) Vinyl Acetate	6.302	43	144421	20.971	ug/l	99
24) 1,1-Dichloroethane	6.261	63	32297	4.058	ug/l #	92
25) 2-Butanone	7.208	43	28378	23.892	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	25845	3.599	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	18986	3.974	ug/l	95
28) Bromochloromethane	7.549	49	10830	3.380	ug/l	93
29) Tetrahydrofuran	7.567	42	17872	25.589	ug/l	97
30) Chloroform	7.708	83	37961	4.478	ug/l	96
31) Cyclohexane	7.979	56	26030	4.061	ug/l #	65
32) 1,1,1-Trichloroethane	7.896	97	28989	3.850	ug/l	94
36) 1,1-Dichloropropene	8.114	75	19396	3.144	ug/l	97
37) Ethyl Acetate	7.285	43	14433	5.340	ug/l	99
38) Carbon Tetrachloride	8.091	117	23187	3.306	ug/l	96
39) Methylcyclohexane	9.349	83	19962	2.875	ug/l	98
40) Benzene	8.349	78	68661	3.901	ug/l	96

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 Supervised By :Semsettin Yesilyurt 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	8799	5.585	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	22588	4.230	ug/l	97
43) Isopropyl Acetate	8.449	43	24141	4.602	ug/l	96
44) Trichloroethene	9.108	130	18160	3.675	ug/l	80
45) 1,2-Dichloropropane	9.379	63	19938	4.130	ug/l	93
46) Dibromomethane	9.467	93	9772	4.115	ug/l	94
47) Bromodichloromethane	9.655	83	29832	4.309	ug/l	95
48) Methyl methacrylate	9.449	41	11768	4.698	ug/l	92
49) 1,4-Dioxane	9.455	88	2746	96.429	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	65319	23.707	ug/l	96
52) Toluene	10.396	92	42052	3.631	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	26230	4.147	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	29323	4.010	ug/l #	79
55) 1,1,2-Trichloroethane	10.790	97	16029	4.431	ug/l	92
56) Ethyl methacrylate	10.655	69	17843	4.211	ug/l	97
57) 1,3-Dichloropropane	10.937	76	26833	4.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	31013	16.279	ug/l	97
59) 2-Hexanone	10.979	43	43649	22.937	ug/l	98
60) Dibromochloromethane	11.132	129	20041	4.269	ug/l	98
61) 1,2-Dibromoethane	11.237	107	13950	4.268	ug/l	97
64) Tetrachloroethene	10.867	164	14914	3.686	ug/l	97
65) Chlorobenzene	11.661	112	49345	3.876	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	19881	3.949	ug/l	95
67) Ethyl Benzene	11.737	91	87159	3.833	ug/l	96
68) m/p-Xylenes	11.843	106	57596	6.671	ug/l	95
69) o-Xylene	12.173	106	29862	3.616	ug/l	98
70) Styrene	12.184	104	54522	3.781	ug/l	97
71) Bromoform	12.349	173	11653	4.333	ug/l #	98
73) Isopropylbenzene	12.467	105	83739	3.703	ug/l	100
74) N-amyl acetate	12.279	43	22672	4.665	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	19142	4.732	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	17171m	5.454	ug/l	
77) Bromobenzene	12.749	156	21622	4.248	ug/l	95
78) n-propylbenzene	12.808	91	103500	3.768	ug/l	99
79) 2-Chlorotoluene	12.896	91	60663	3.819	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	76070	3.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	5186	4.087	ug/l	94
82) 4-Chlorotoluene	12.996	91	64682	3.933	ug/l	96
83) tert-Butylbenzene	13.214	119	62090	3.645	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	79565	4.156	ug/l	99
85) sec-Butylbenzene	13.390	105	94460	3.693	ug/l	99
86) p-Isopropyltoluene	13.502	119	75660	3.594	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	41956	3.933	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	43539	4.116	ug/l	92
89) n-Butylbenzene	13.831	91	76282	3.802	ug/l	97
90) Hexachloroethane	14.102	117	16068	3.895	ug/l	95
91) 1,2-Dichlorobenzene	13.878	146	39669	4.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3314	5.134	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	23372	3.795	ug/l	98
94) Hexachlorobutadiene	15.249	225	13132	3.666	ug/l	98
95) Naphthalene	15.384	128	133619	12.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	22626	4.245	ug/l	97

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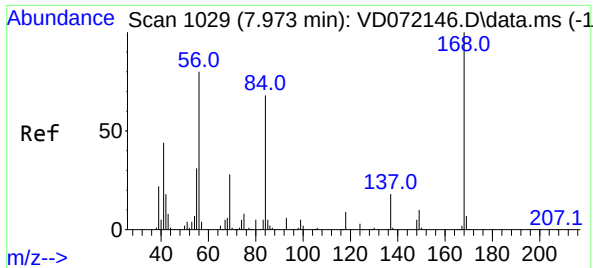
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

Quant Time: Mar 26 01:57:22 2022
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Quant Title : SW846 8260
QLast Update : Sat Mar 26 01:55:27 2022
Response via : Initial Calibration

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



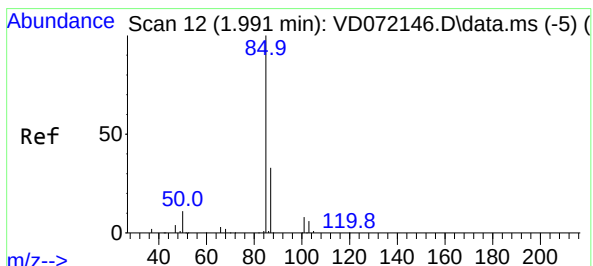
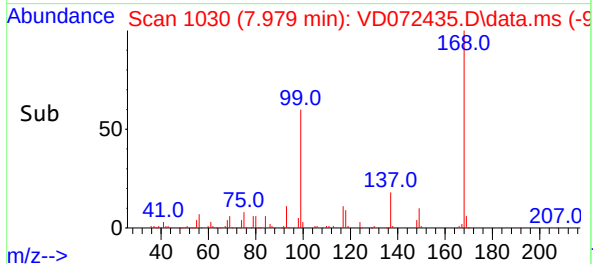
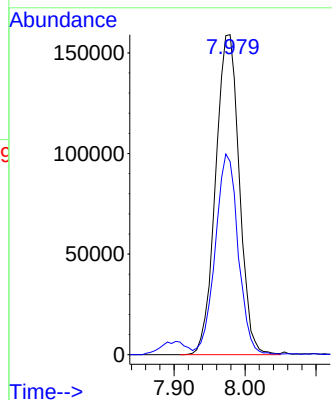
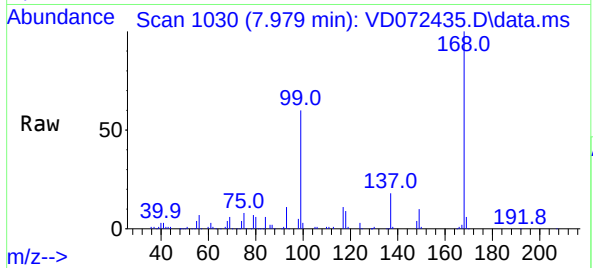
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:168 Resp: 368160
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6

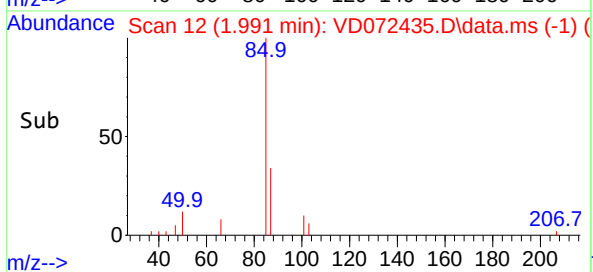
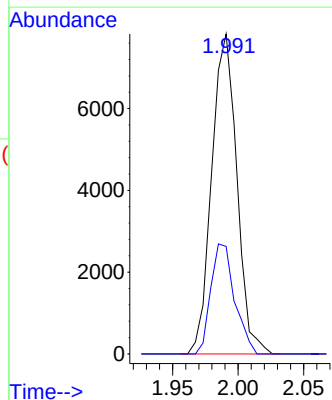
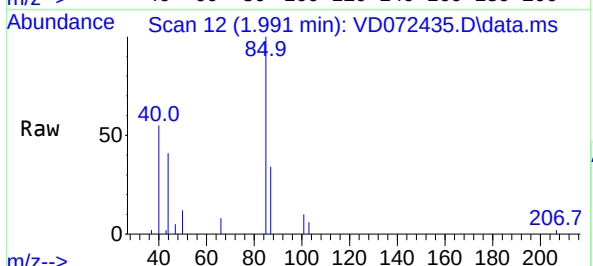
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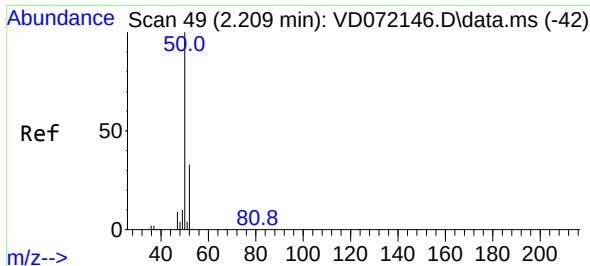
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#2
Dichlorodifluoromethane
Concen: 3.061 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

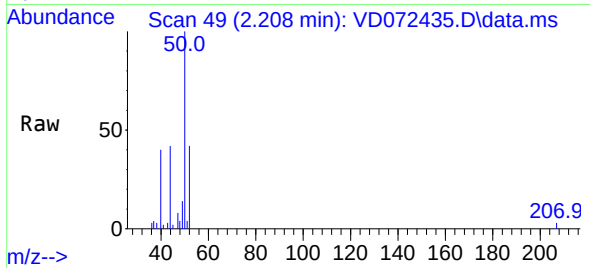
Tgt Ion: 85 Resp: 10424
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 3.663 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

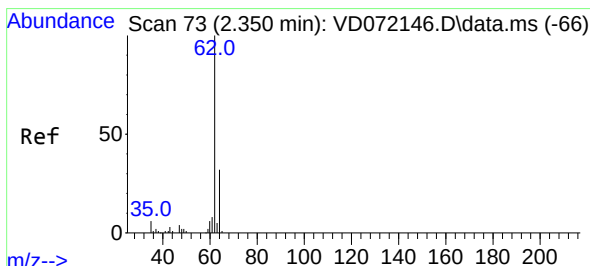
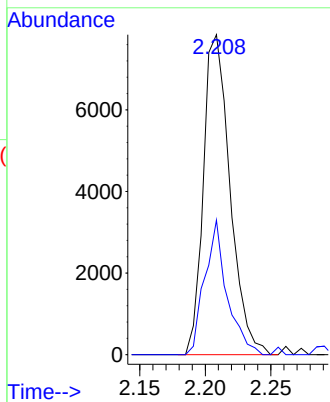
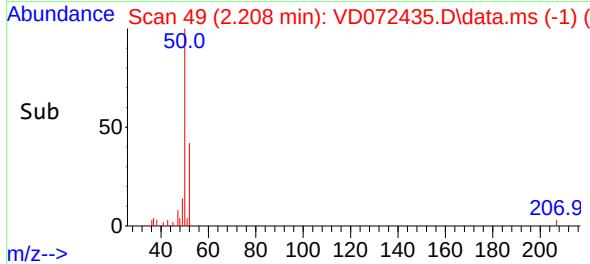
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2022



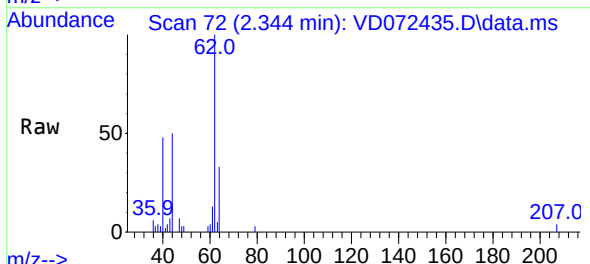
Tgt Ion: 50 Resp: 11084
Ion Ratio Lower Upper
50 100
52 42.0 27.4 41.0

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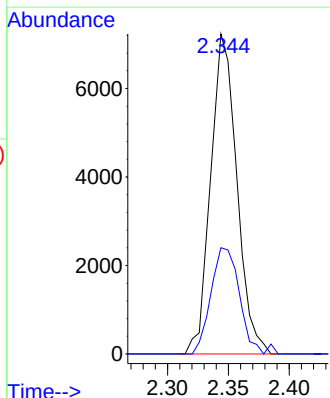
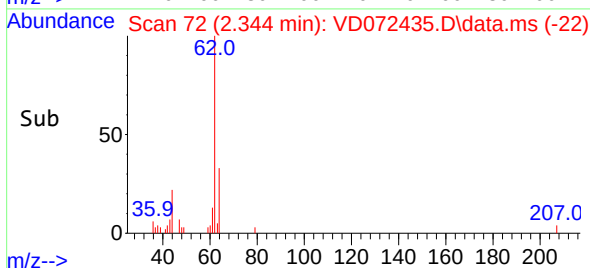
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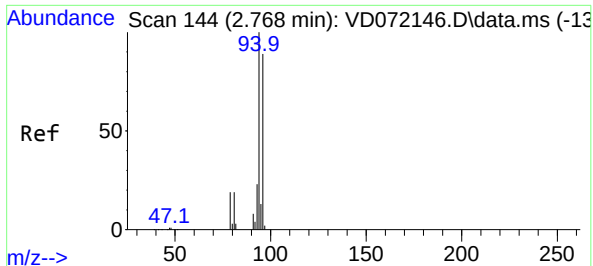


#4
Vinyl Chloride
Concen: 3.704 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



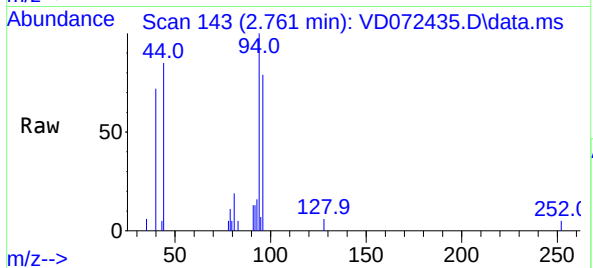
Tgt Ion: 62 Resp: 10819
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 4.380 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

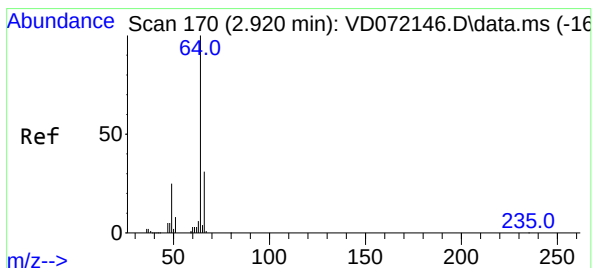
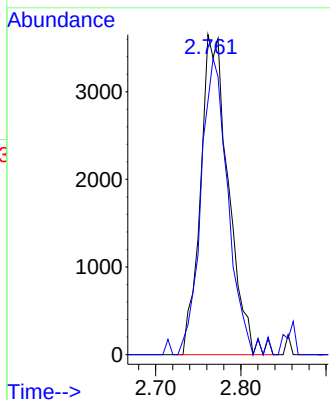
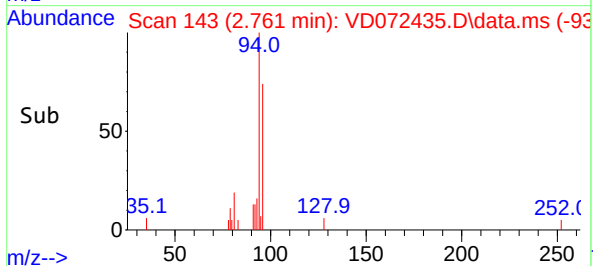
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8330
Ion Ratio Lower Upper
94 100
96 79.2 77.6 116.4

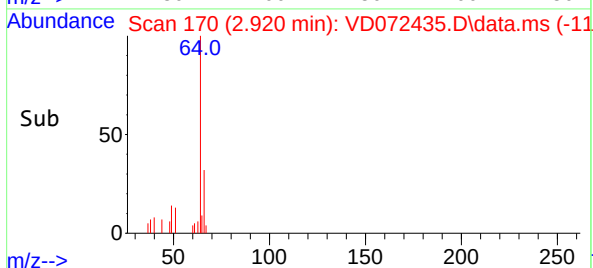
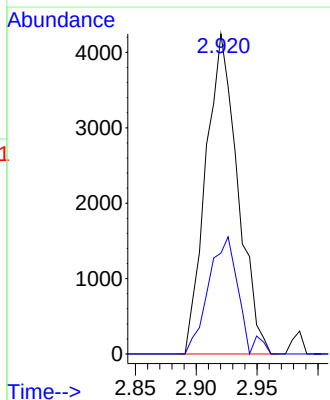
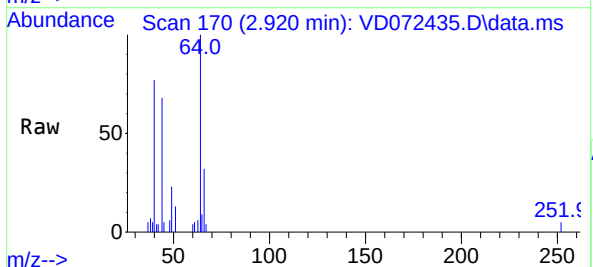
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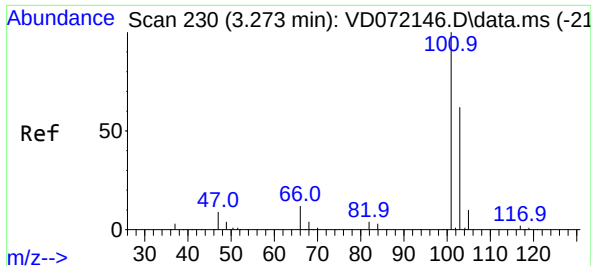
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#6
Chloroethane
Concen: 4.013 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

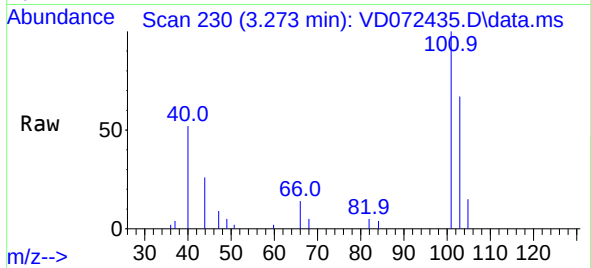
Tgt Ion: 64 Resp: 7750
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 3.178 ug/l
RT: 3.273 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

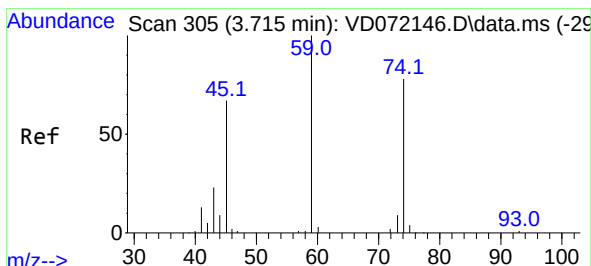
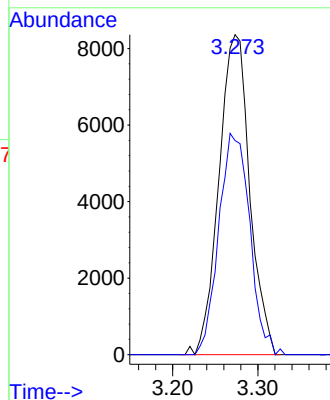
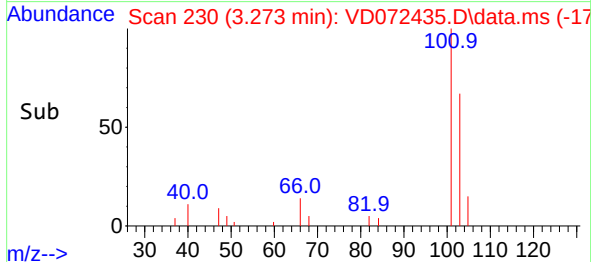
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



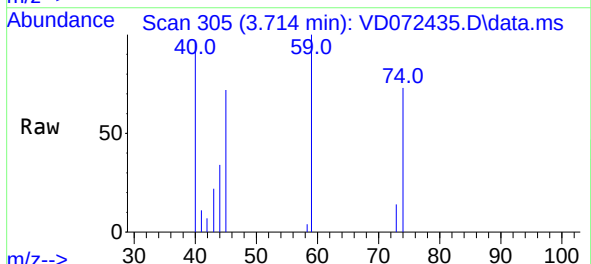
Tgt Ion:101 Resp: 2096
Ion Ratio Lower Upper
101 100
103 66.9 50.1 75.1

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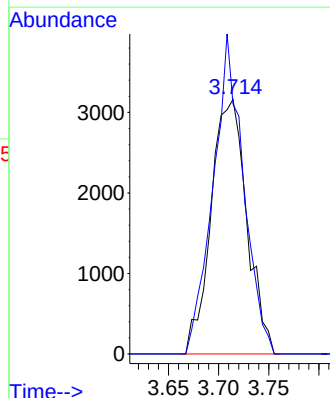
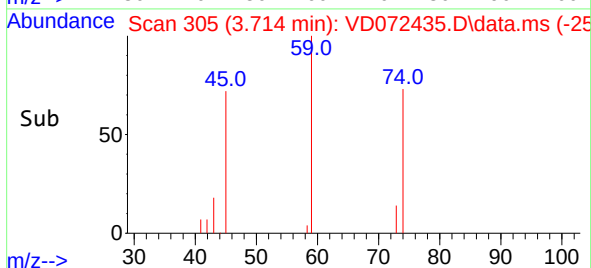
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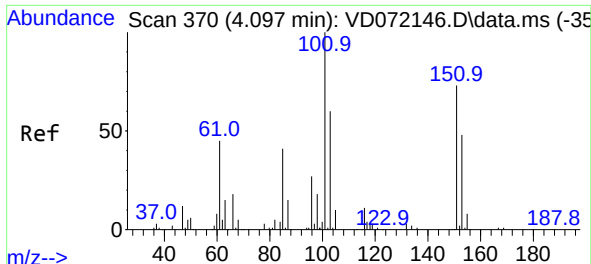


#8
Diethyl Ether
Concen: 4.317 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



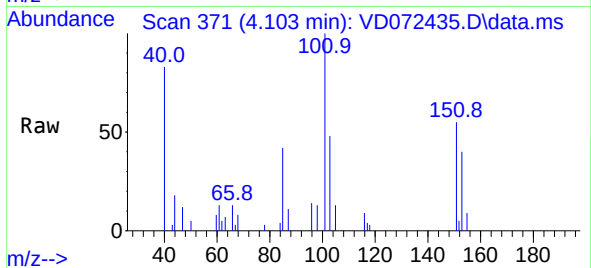
Tgt Ion: 74 Resp: 7865
Ion Ratio Lower Upper
74 100
45 106.4 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.616 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

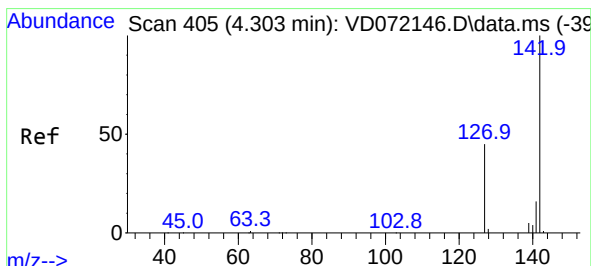
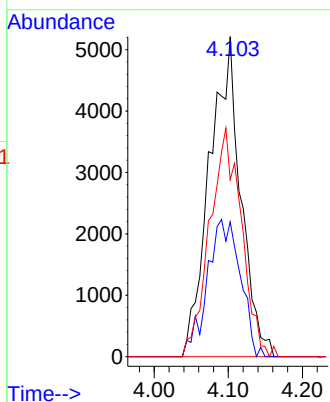
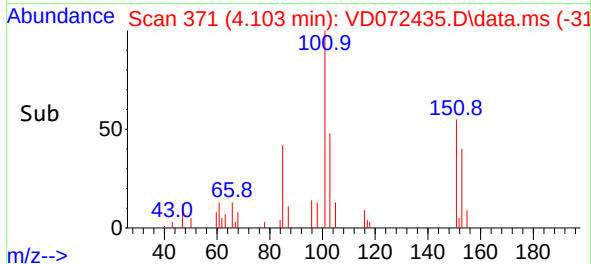
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



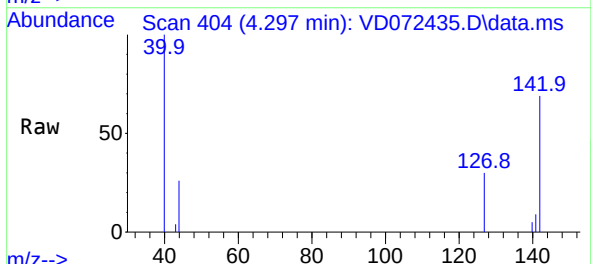
Tgt Ion:101 Resp: 15209
Ion Ratio Lower Upper
101 100
85 45.5 36.4 54.6
151 72.9 57.3 85.9

Manual Integrations
APPROVED

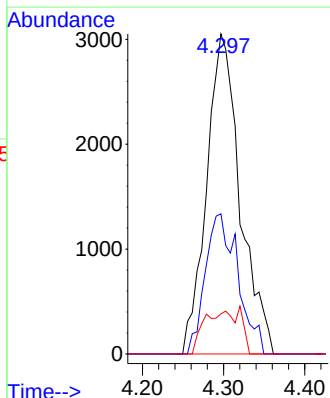
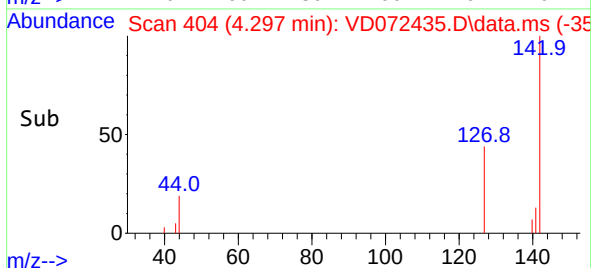
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

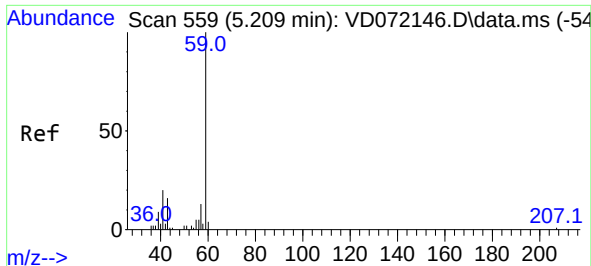


#10
Methyl Iodide
Concen: 2.605 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



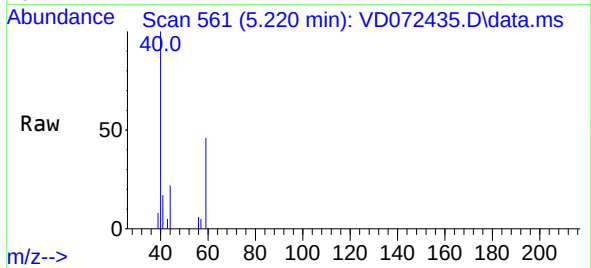
Tgt Ion:142 Resp: 8761
Ion Ratio Lower Upper
142 100
127 42.5 37.3 55.9
141 0.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 26.781 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

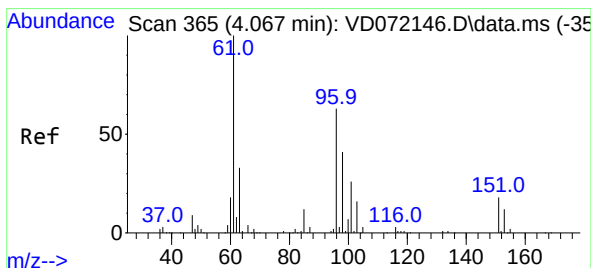
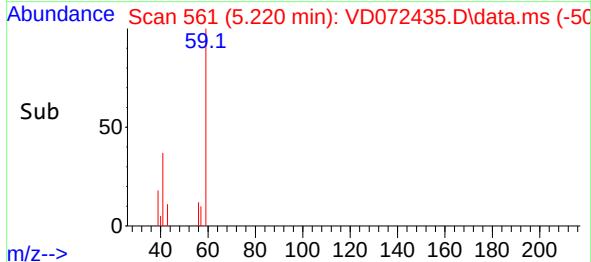
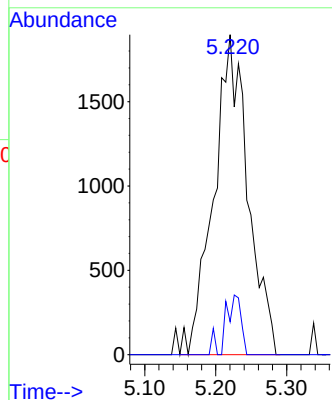
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 59 Resp: 637
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6

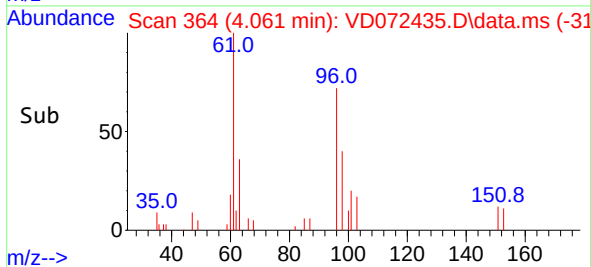
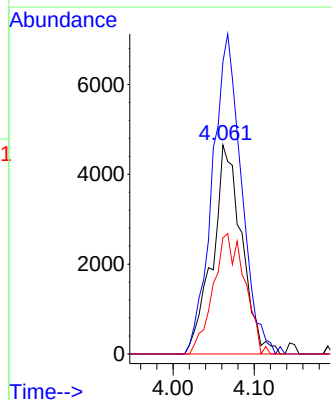
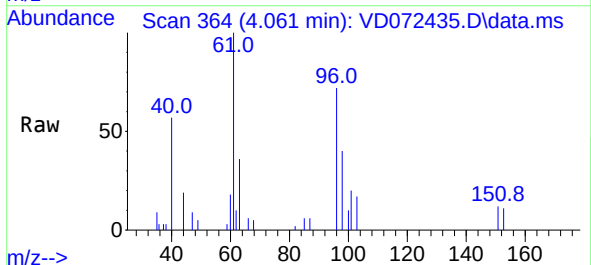
Manual Integrations
APPROVED

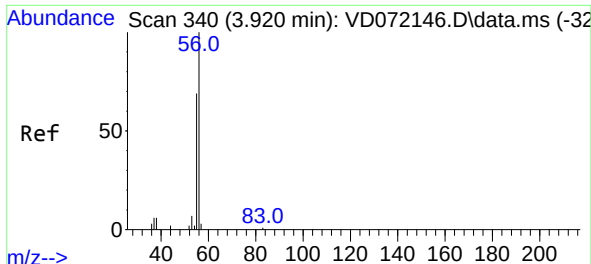
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#12
1,1-Dichloroethene
Concen: 3.440 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

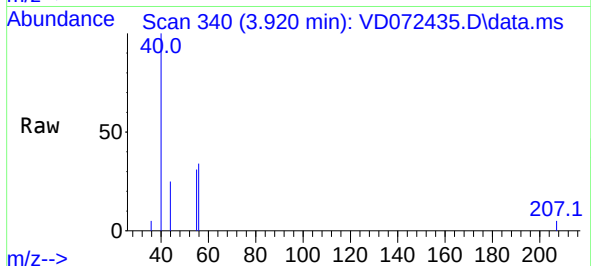
Tgt Ion: 96 Resp: 11640
Ion Ratio Lower Upper
96 100
61 139.8 138.5 207.7
98 55.6 48.6 73.0





#13
Acrolein
Concen: 16.987 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

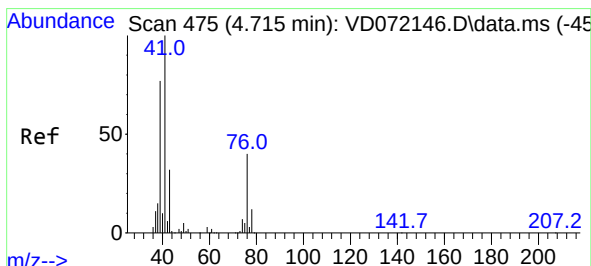
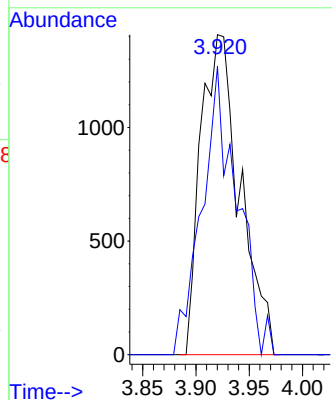
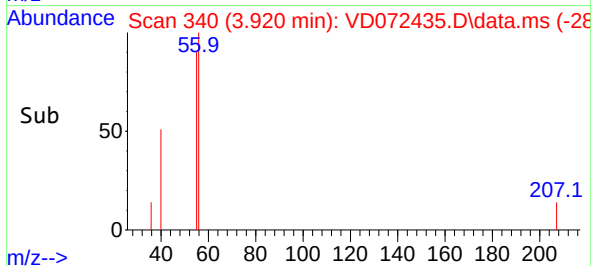
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



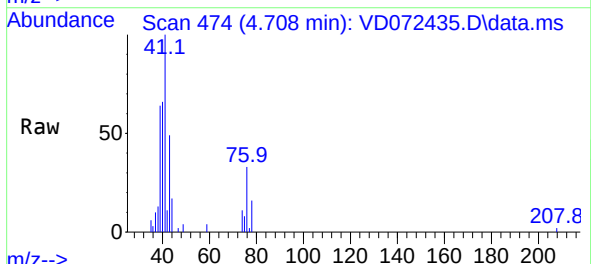
Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
55 80.6 57.1 85.7

Manual Integrations
APPROVED

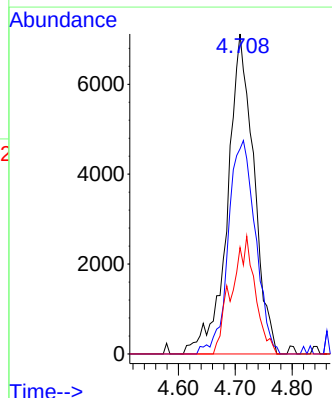
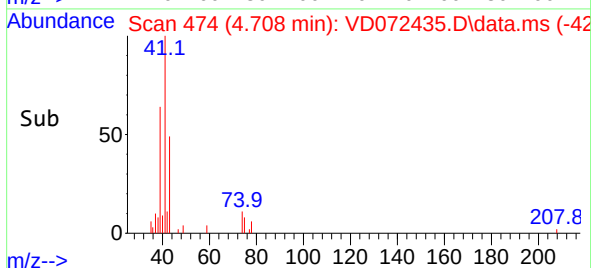
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

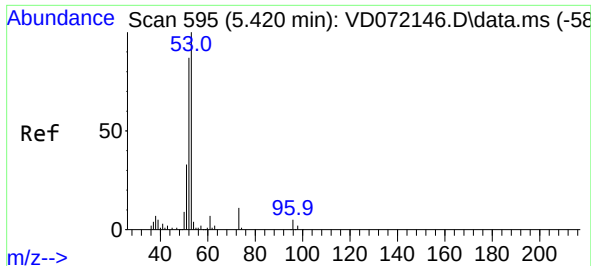


#14
Allyl chloride
Concen: 3.870 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



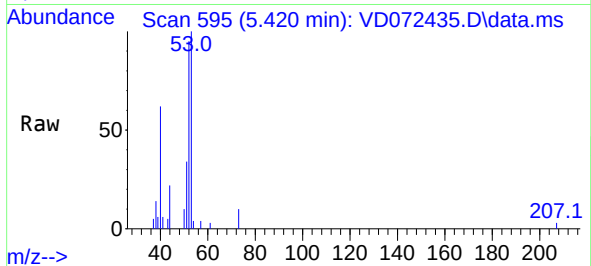
Tgt Ion: 41 Resp: 22893
Ion Ratio Lower Upper
41 100
39 68.6 59.3 88.9
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 23.038 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

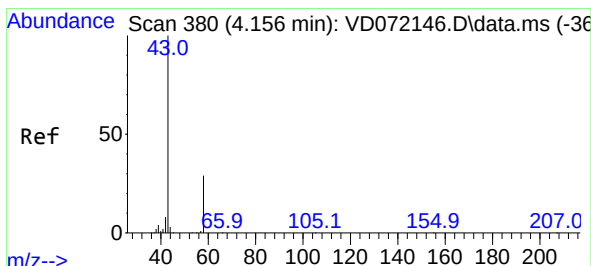
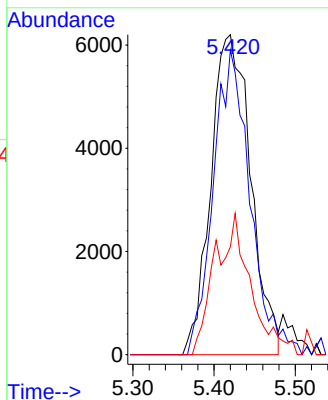
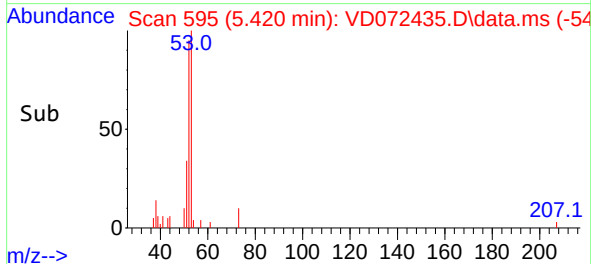
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



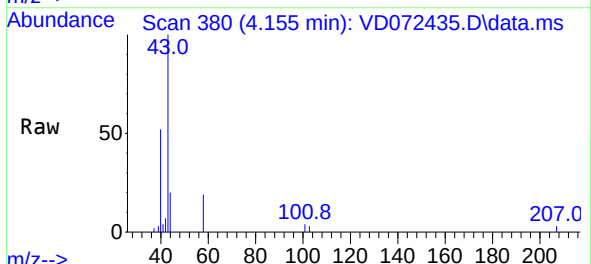
Tgt Ion: 53 Resp: 2117
Ion Ratio Lower Upper
53 100
52 87.7 67.2 100.8
51 23.8 30.3 45.5

Manual Integrations
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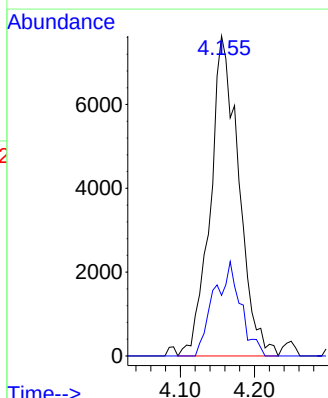
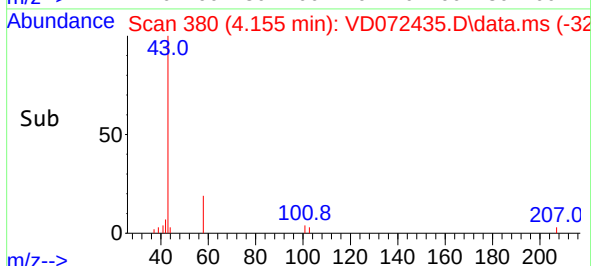
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

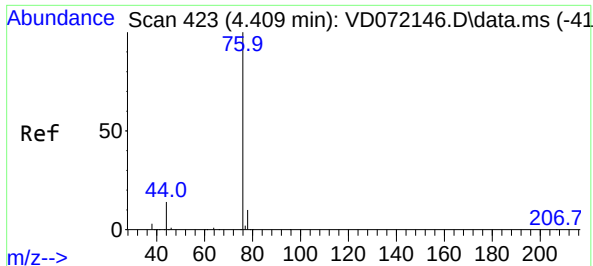


#16
Acetone
Concen: 22.881 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



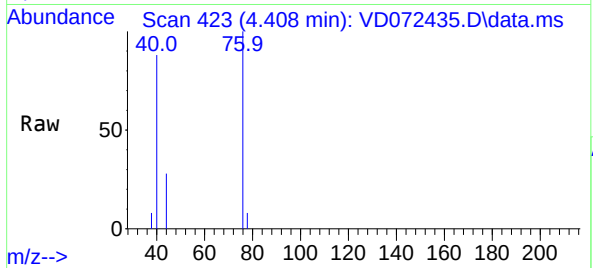
Tgt Ion: 43 Resp: 20383
Ion Ratio Lower Upper
43 100
58 18.9 22.1 33.1#





#17
Carbon Disulfide
Concen: 2.300 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

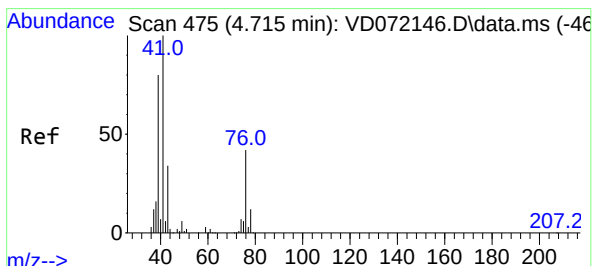
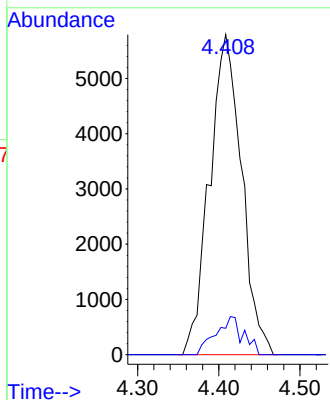
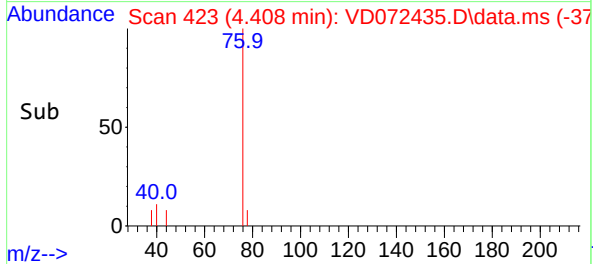
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



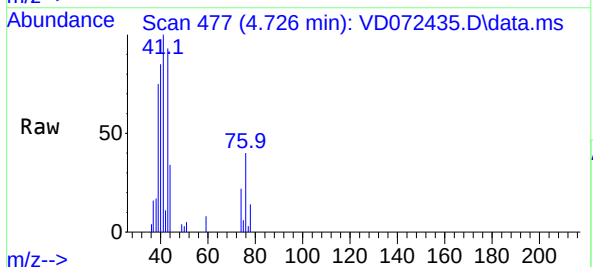
Tgt Ion: 76 Resp: 15872
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

Manual Integrations
APPROVED

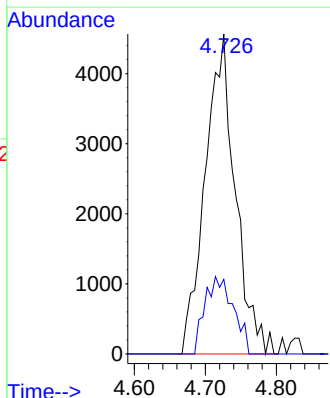
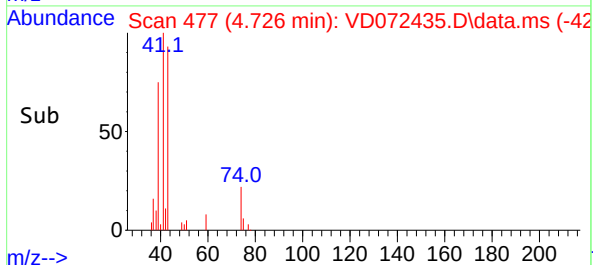
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

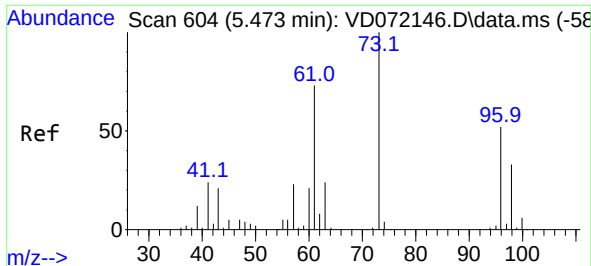


#18
Methyl Acetate
Concen: 6.140 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



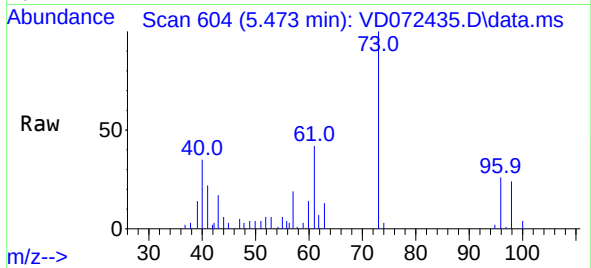
Tgt Ion: 43 Resp: 13404
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 4.650 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

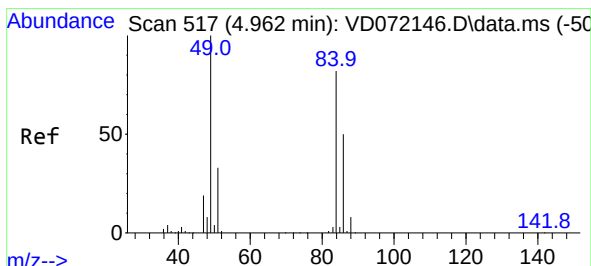
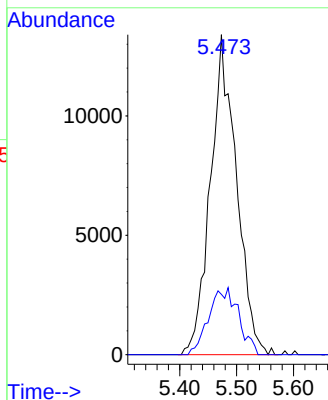
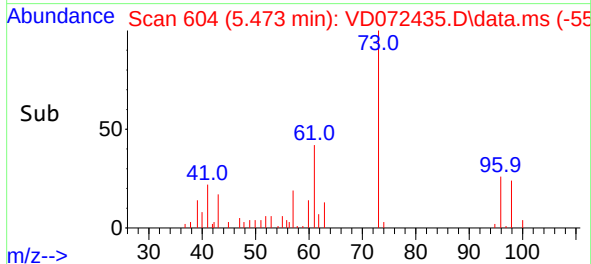
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



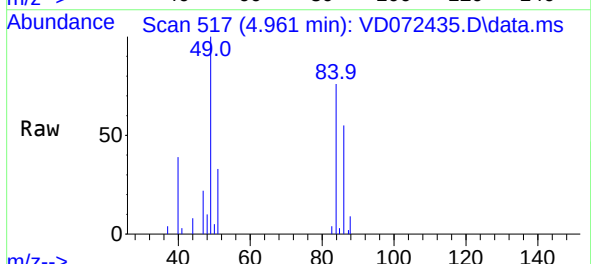
Tgt Ion: 73 Resp: 4276
Ion Ratio Lower Upper
73 100
57 18.8 18.0 27.0

Manual Integrations
APPROVED

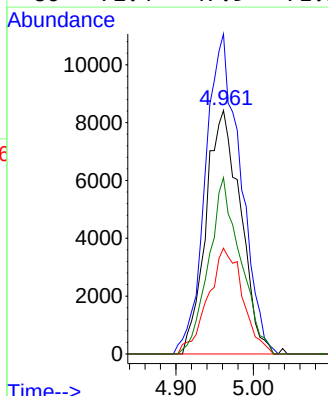
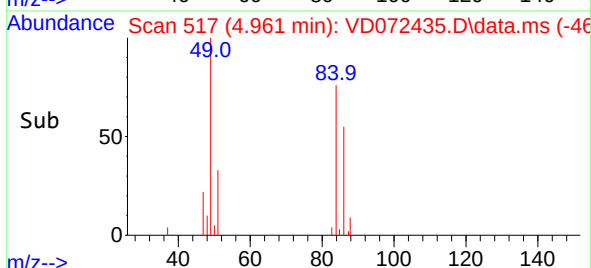
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

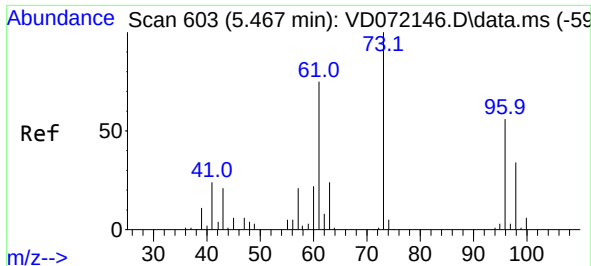


#20
Methylene Chloride
Concen: 4.866 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



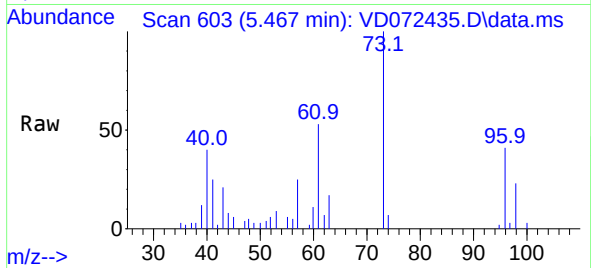
Tgt Ion: 84 Resp: 26052
Ion Ratio Lower Upper
84 100
49 131.4 112.8 169.2
51 43.4 32.6 48.8
86 72.4 47.9 71.9#





#21
trans-1,2-Dichloroethene
Concen: 3.227 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

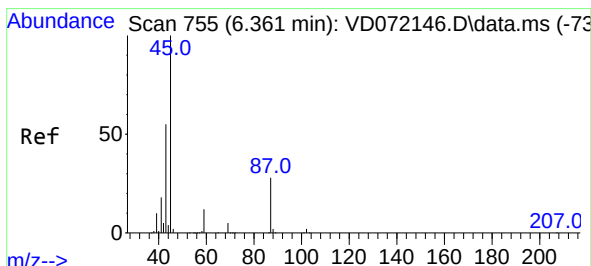
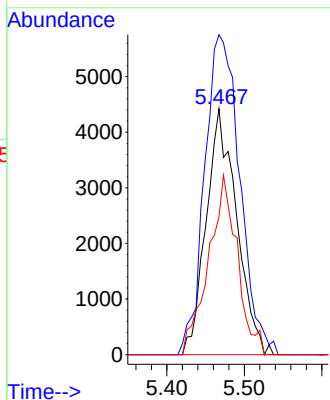
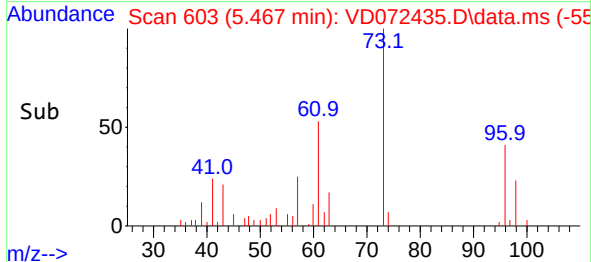
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



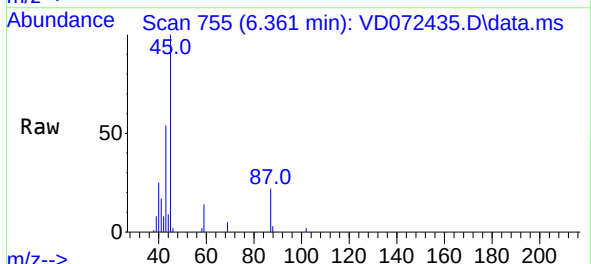
Tgt Ion: 96 Resp: 12078
Ion Ratio Lower Upper
96 100
61 130.1 117.9 176.9
98 56.1 49.4 74.2

Manual Integrations
APPROVED

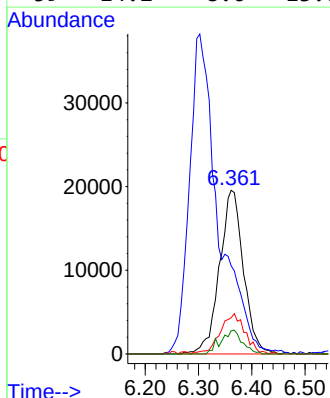
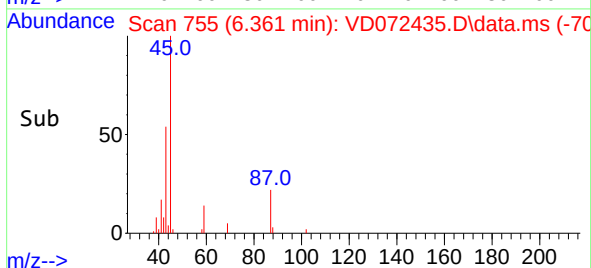
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

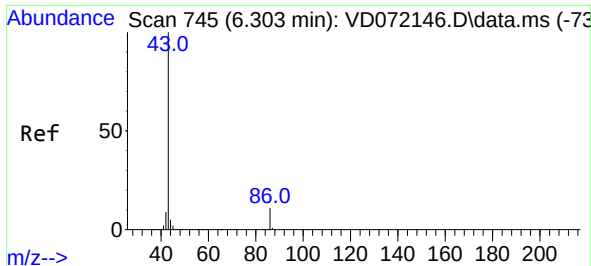


#22
Diisopropyl ether
Concen: 4.530 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



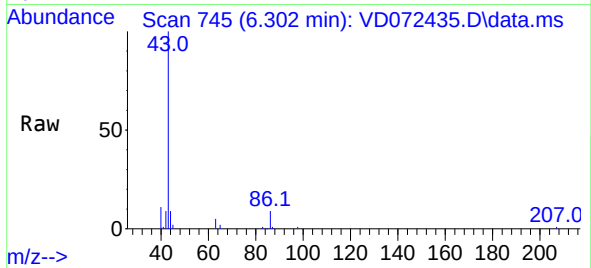
Tgt Ion: 45 Resp: 61131
Ion Ratio Lower Upper
45 100
43 51.9 46.6 70.0
87 22.1 18.4 27.6
59 14.2 8.6 13.0#





#23
 Vinyl Acetate
 Concen: 20.971 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

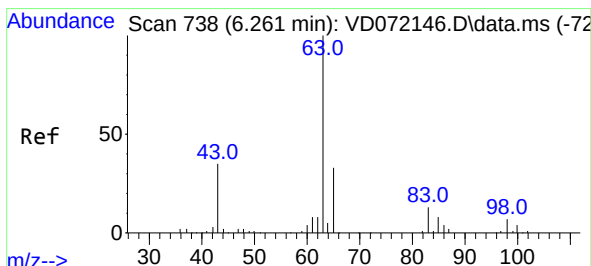
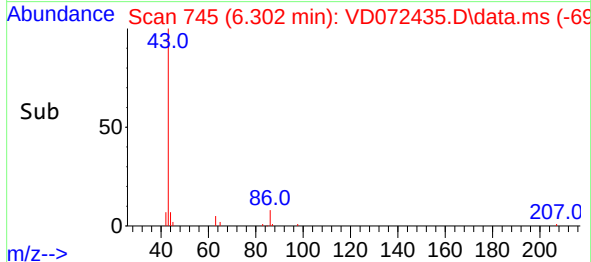
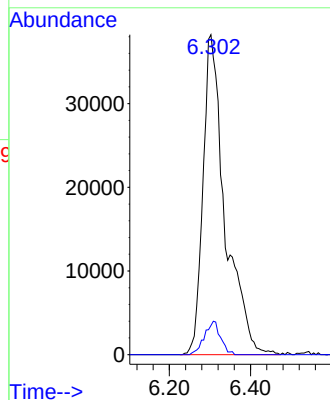
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 14442
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7

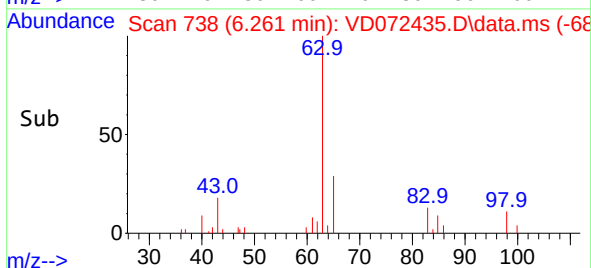
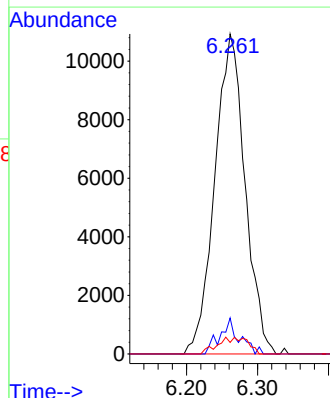
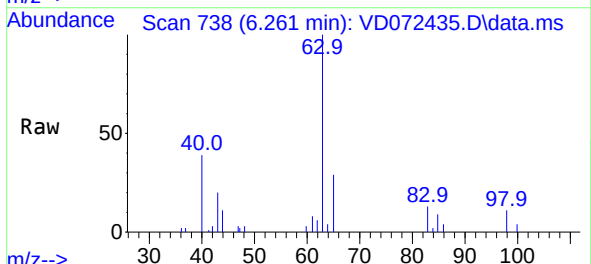
Manual Integrations
 APPROVED

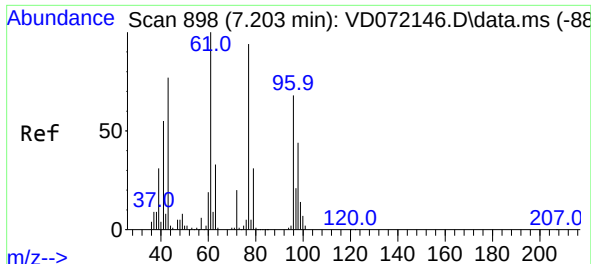
Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 4.058 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

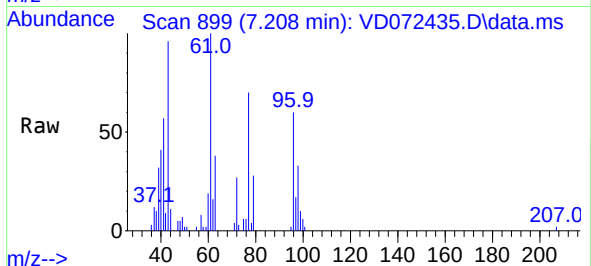
Tgt Ion: 63 Resp: 32297
 Ion Ratio Lower Upper
 63 100
 98 11.2 3.6 10.9#
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 23.892 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

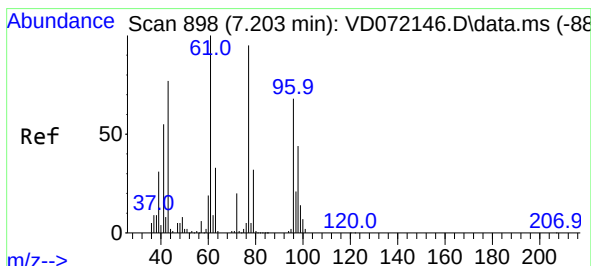
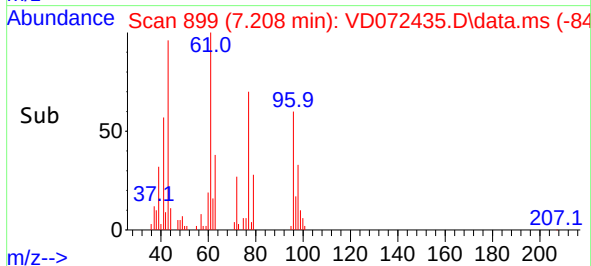
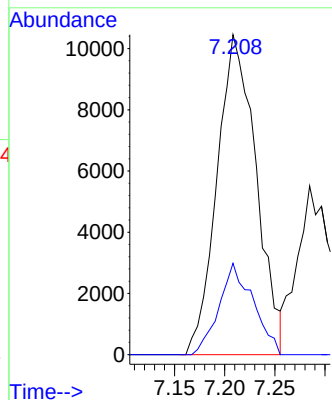
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 28378
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8

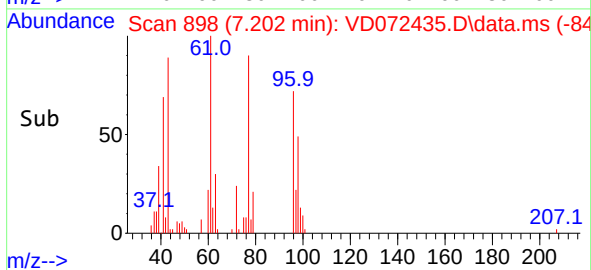
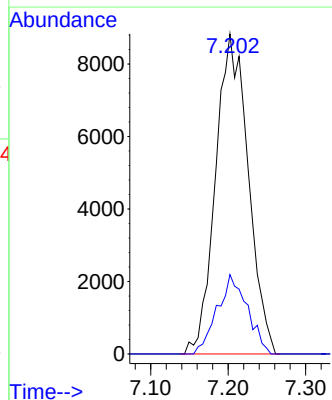
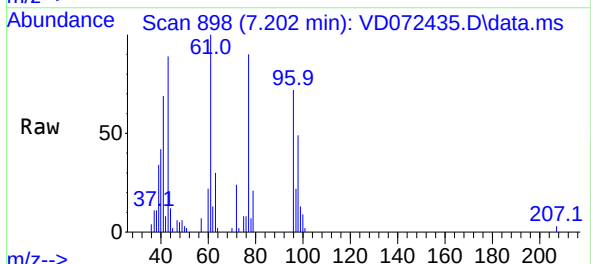
Manual Integrations
APPROVED

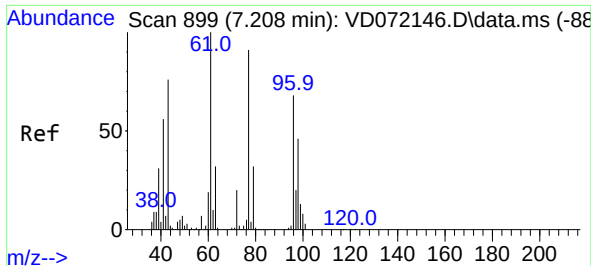
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#26
2,2-Dichloropropane
Concen: 3.599 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

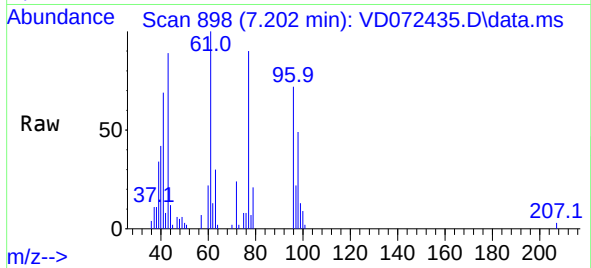
Tgt Ion: 77 Resp: 25845
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 3.974 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

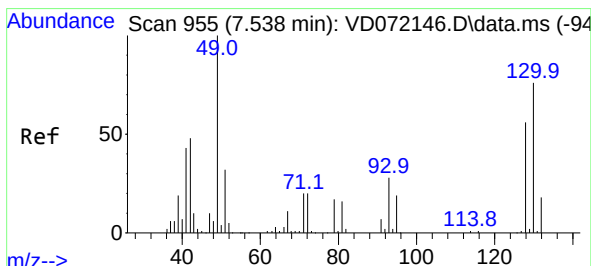
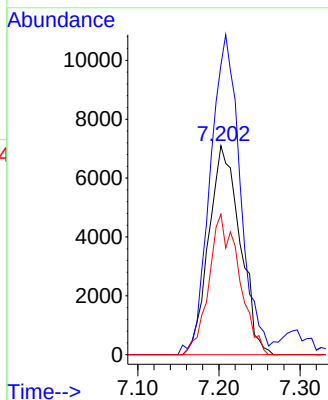
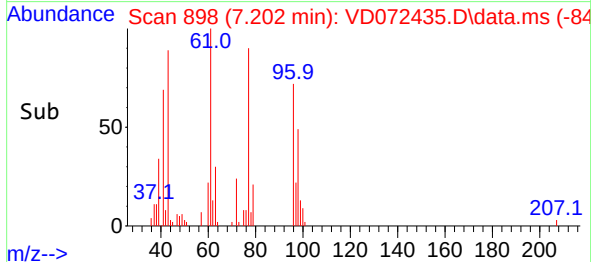
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 96 Resp: 1898
Ion Ratio Lower Upper
96 100
61 148.9 0.0 313.8
98 65.2 0.0 128.8

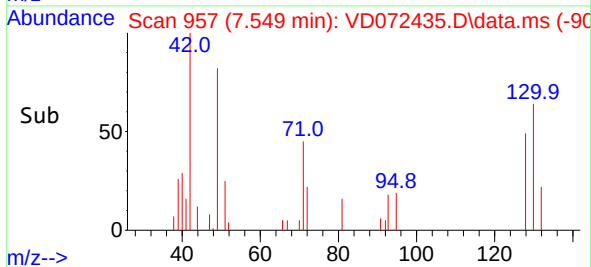
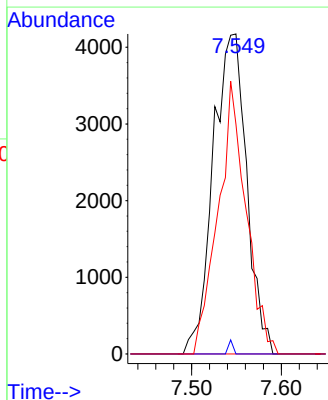
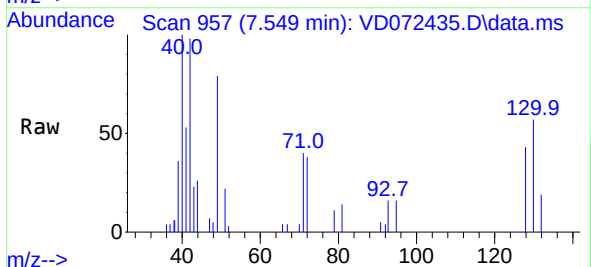
Manual Integrations
APPROVED

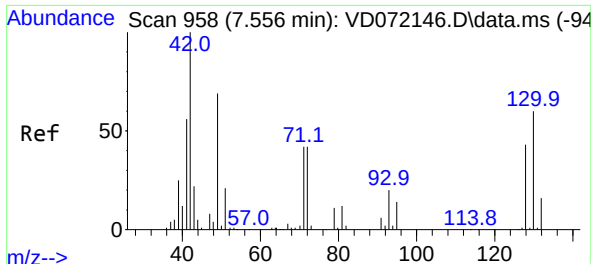
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#28
Bromochloromethane
Concen: 3.380 ug/l
RT: 7.549 min Scan# 957
Delta R.T. 0.012 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

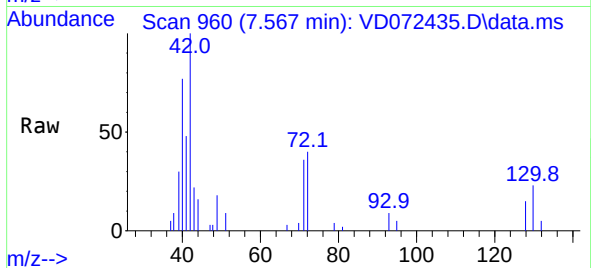
Tgt Ion: 49 Resp: 10830
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 71.1 52.6 79.0





#29
Tetrahydrofuran
Concen: 25.589 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.012 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

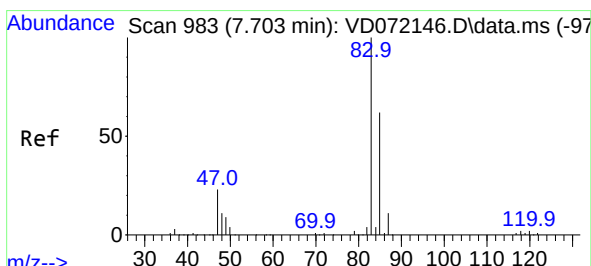
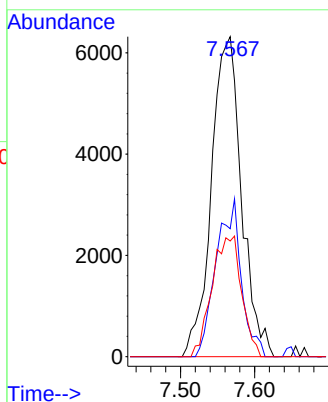
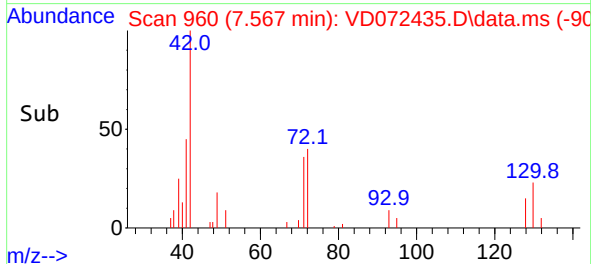
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



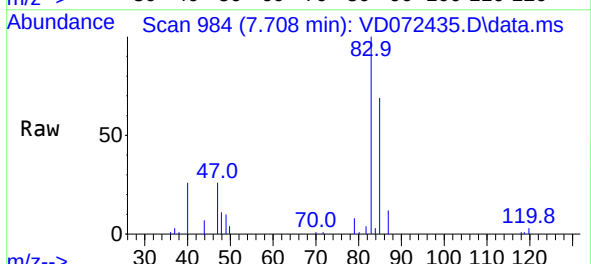
Tgt Ion: 42 Resp: 17872
Ion Ratio Lower Upper
42 100
72 41.1 30.7 46.1
71 37.0 28.6 43.0

Manual Integrations
APPROVED

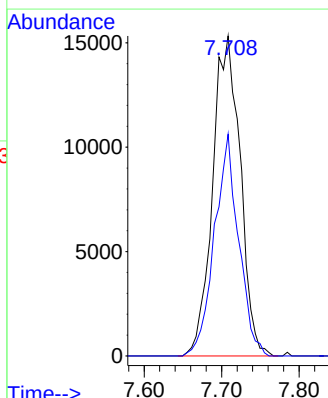
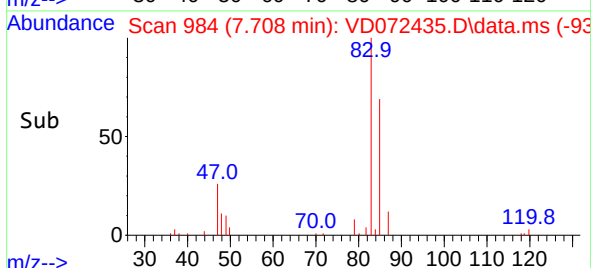
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

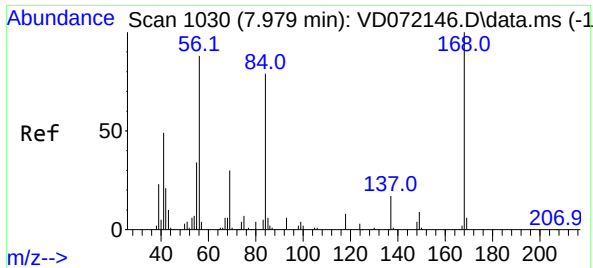


#30
Chloroform
Concen: 4.478 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



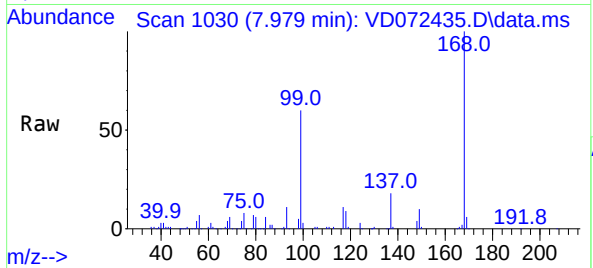
Tgt Ion: 83 Resp: 37961
Ion Ratio Lower Upper
83 100
85 69.3 52.7 79.1





#31
Cyclohexane
Concen: 4.061 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

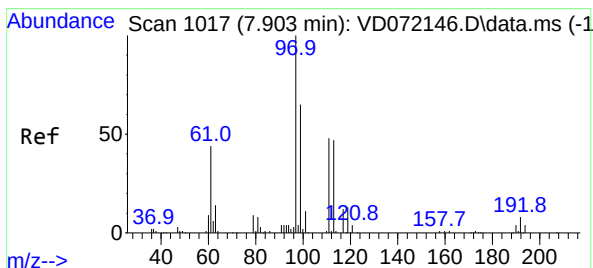
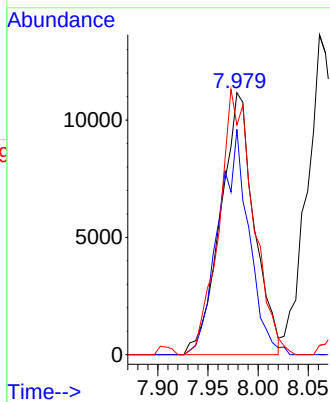
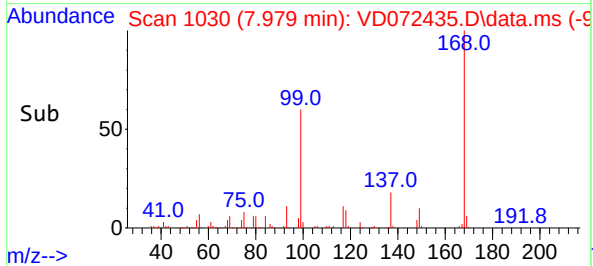
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 56 Resp: 26030
Ion Ratio Lower Upper
56 100
69 86.0 25.4 38.2
84 87.7 63.0 94.4

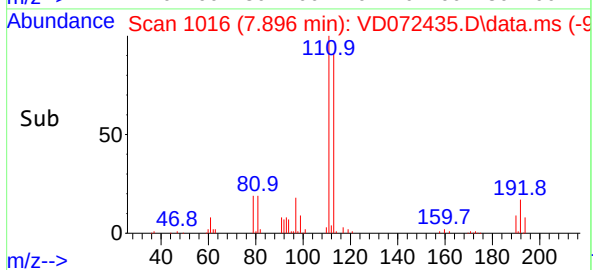
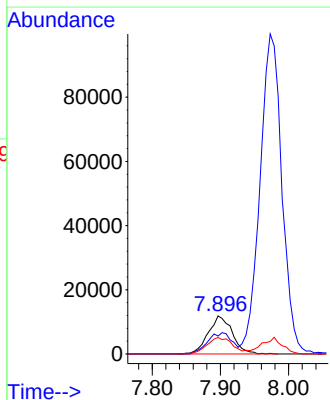
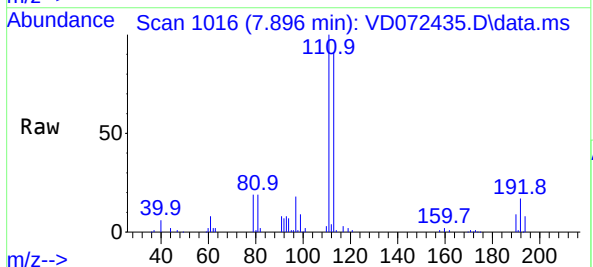
Manual Integrations
APPROVED

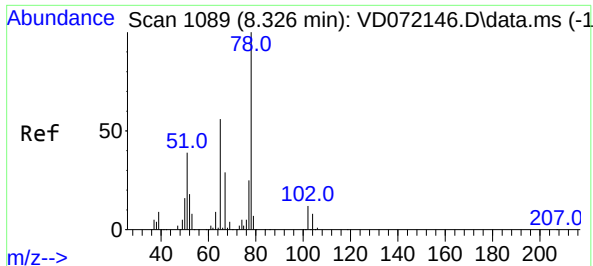
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#32
1,1,1-Trichloroethane
Concen: 3.850 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

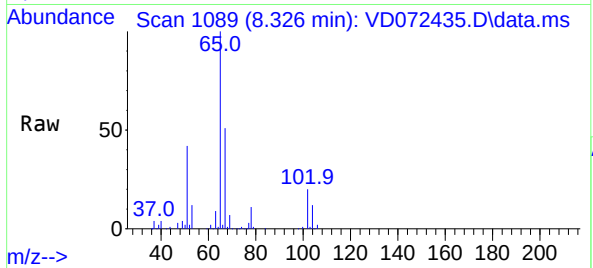
Tgt Ion: 97 Resp: 28989
Ion Ratio Lower Upper
97 100
99 56.9 52.4 78.6
61 47.5 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 55.160 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

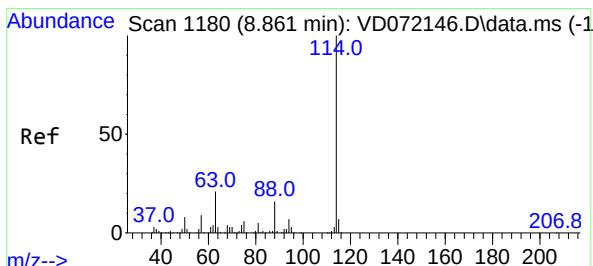
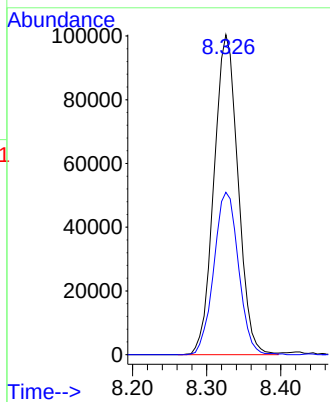
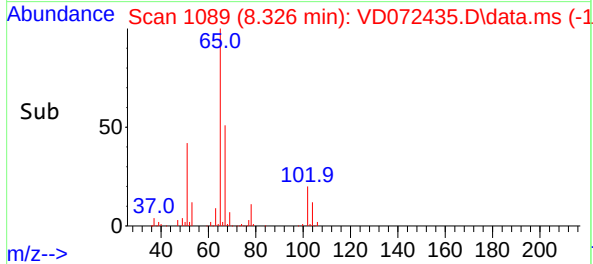
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



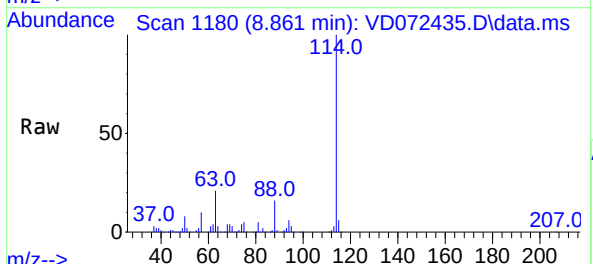
Tgt Ion: 65 Resp: 22631
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

Manual Integrations
APPROVED

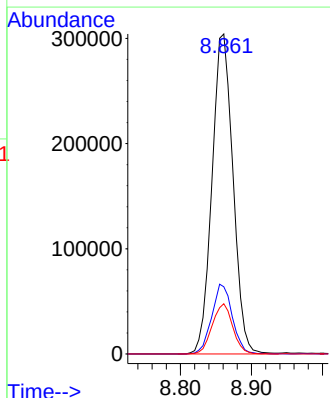
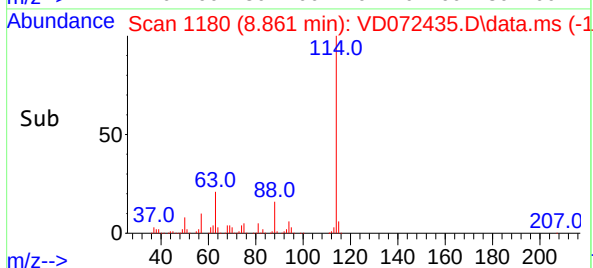
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

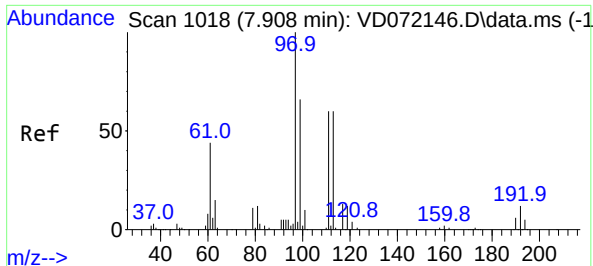


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



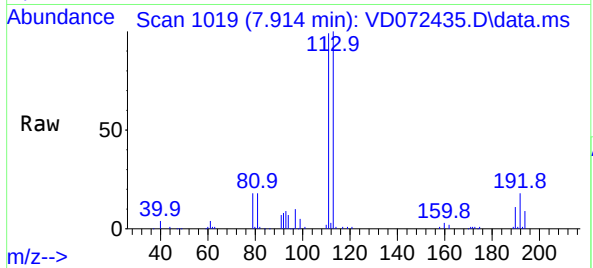
Tgt Ion:114 Resp: 625006
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.611 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

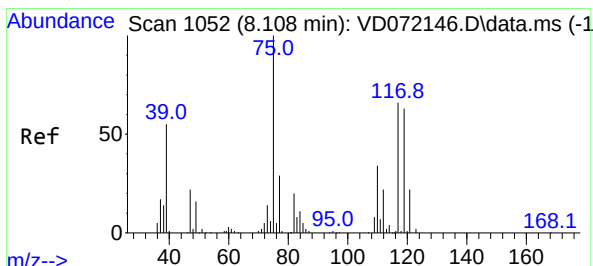
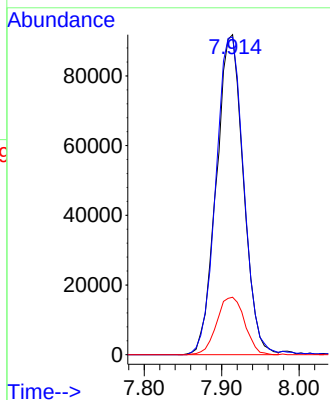
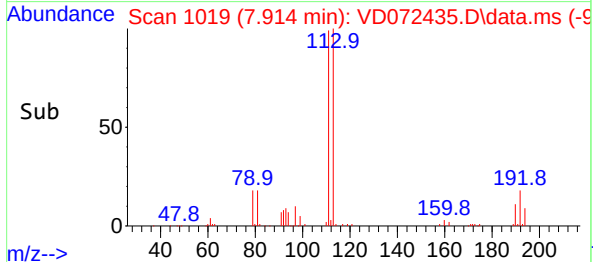
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



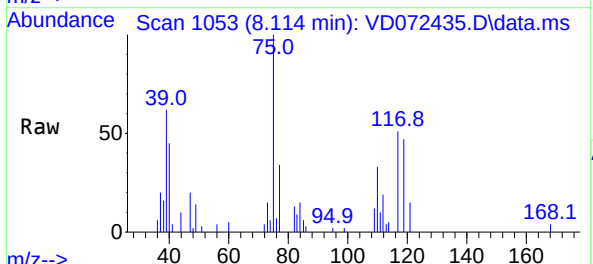
Tgt Ion:113 Resp: 222599
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.5 14.6 21.8

Manual Integrations
APPROVED

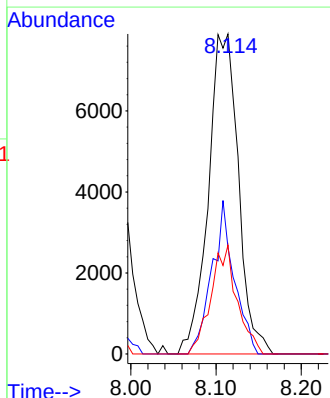
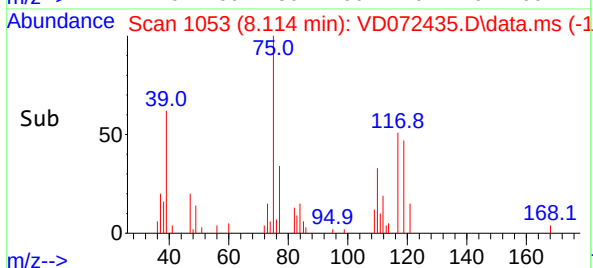
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

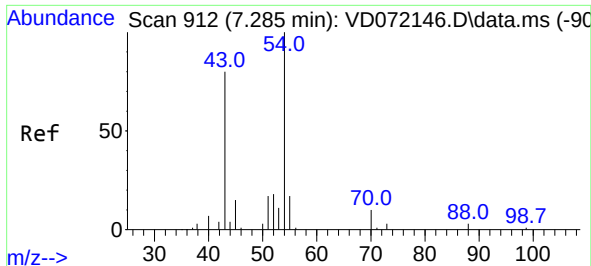


#36
1,1-Dichloropropene
Concen: 3.144 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion: 75 Resp: 19396
Ion Ratio Lower Upper
75 100
110 35.7 16.4 49.1
77 29.6 24.2 36.2





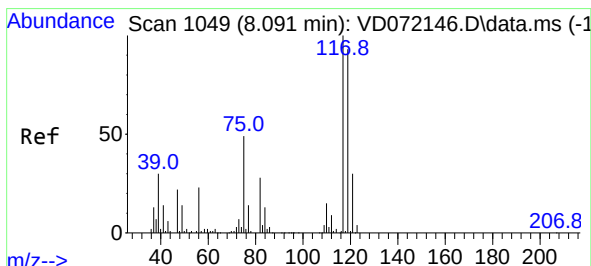
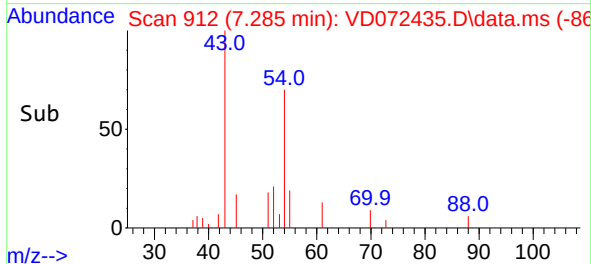
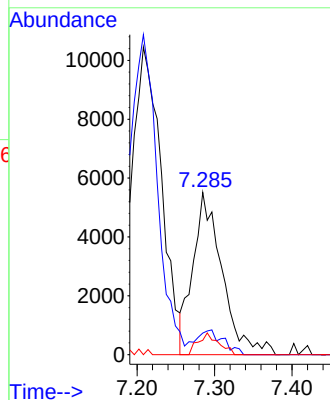
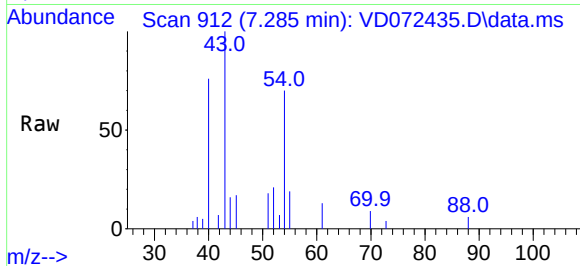
#37
Ethyl Acetate
Concen: 5.340 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.8
70 9.3 6.9 10.3

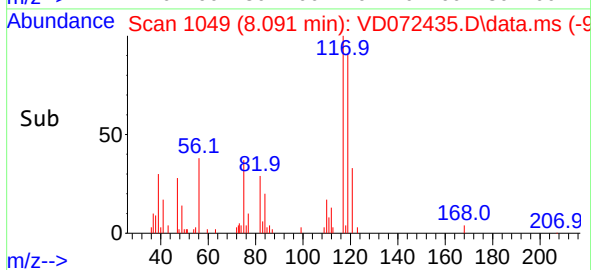
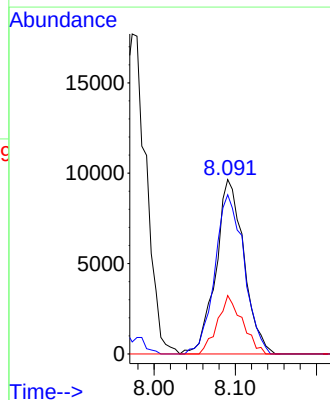
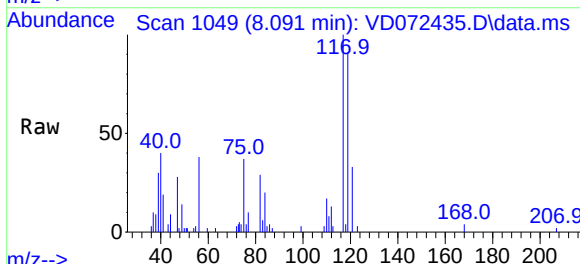
Manual Integrations
APPROVED

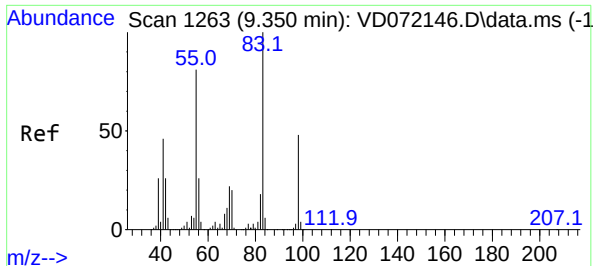
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#38
Carbon Tetrachloride
Concen: 3.306 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:117 Resp: 23187
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.6
121 33.5 24.5 36.7





#39

Methylcyclohexane

Concen: 2.875 ug/l

RT: 9.349 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD072435.D

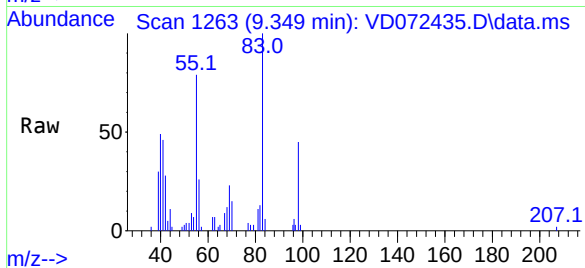
Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

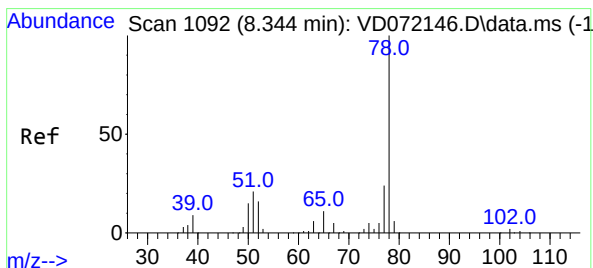
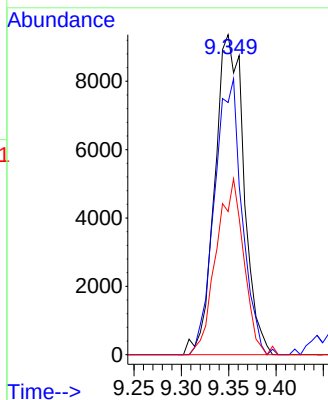
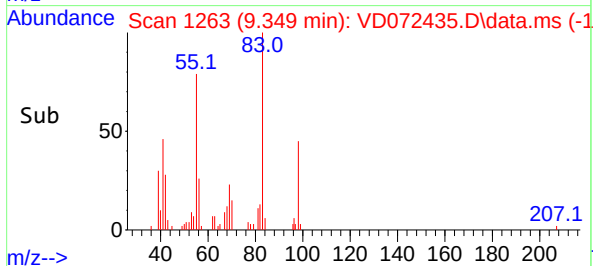
MDL-SOIL-03-QT1-2022



Tgt Ion: 83	Resp: 1996
Ion Ratio	Lower Upper
83	100
55	78.8 63.2 94.8
98	44.7 38.2 57.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#40

Benzene

Concen: 3.901 ug/l

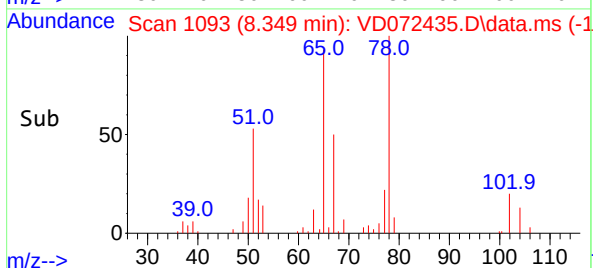
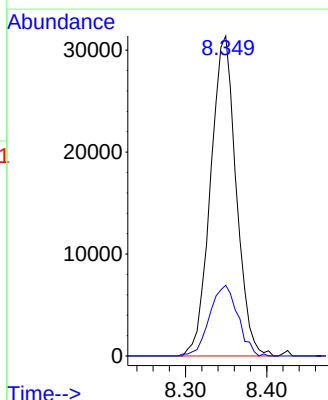
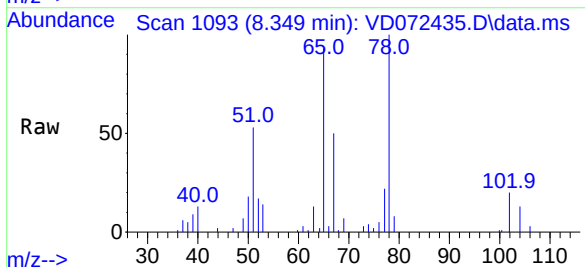
RT: 8.349 min Scan# 1093

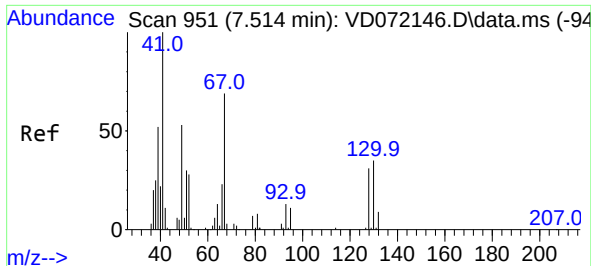
Delta R.T. 0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

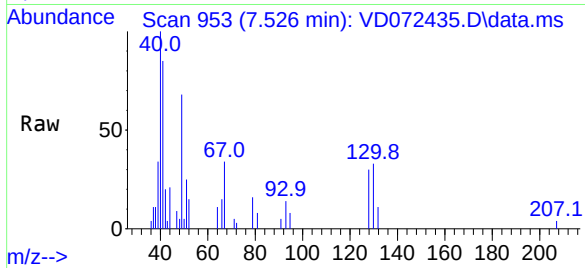
Tgt Ion: 78	Resp: 68661
Ion Ratio	Lower Upper
78	100
77	22.1 19.1 28.7





#41
Methacrylonitrile
Concen: 5.585 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

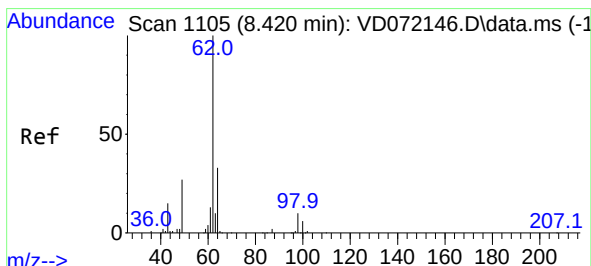
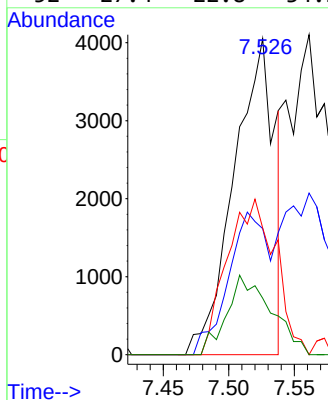
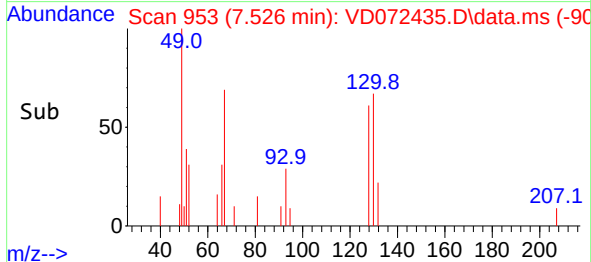
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 41 Resp: 8799
Ion Ratio Lower Upper
41 100
39 43.3 44.6 67.0
67 58.1 48.2 72.4
52 27.4 22.8 34.2

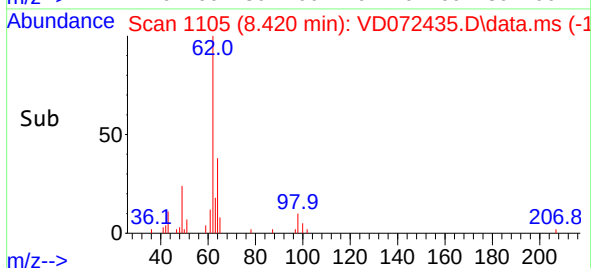
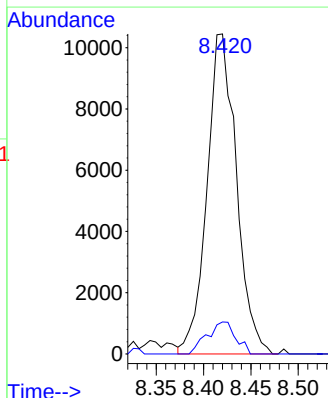
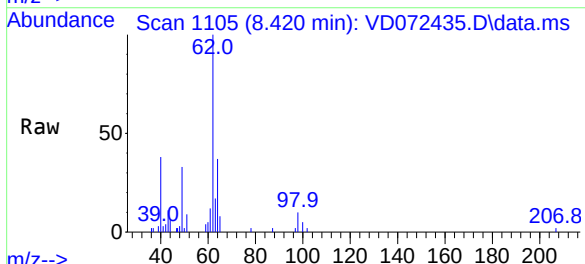
Manual Integrations
APPROVED

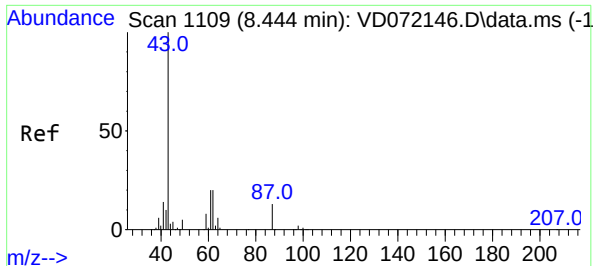
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#42
1,2-Dichloroethane
Concen: 4.230 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

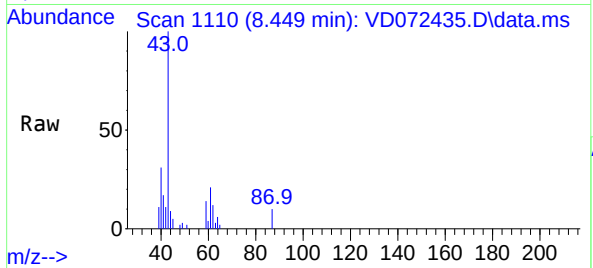
Tgt Ion: 62 Resp: 22588
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 4.602 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

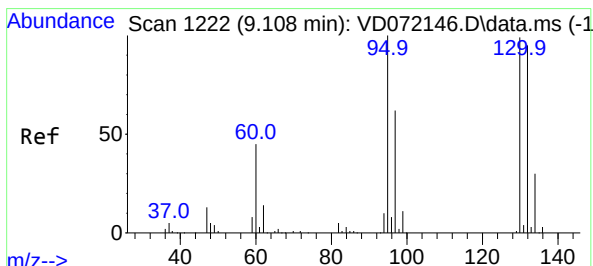
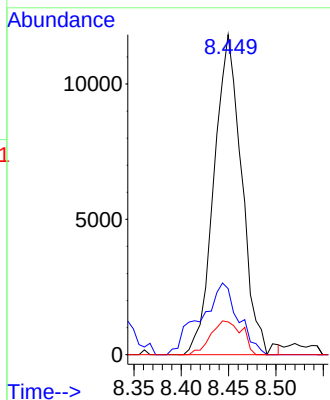
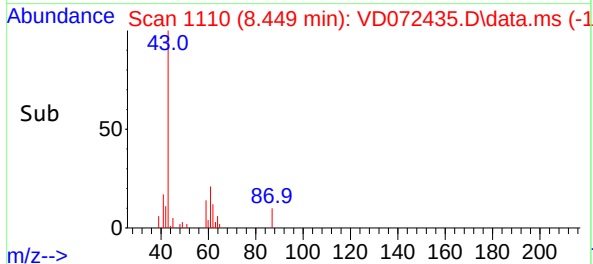
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 11.8 8.7 13.1

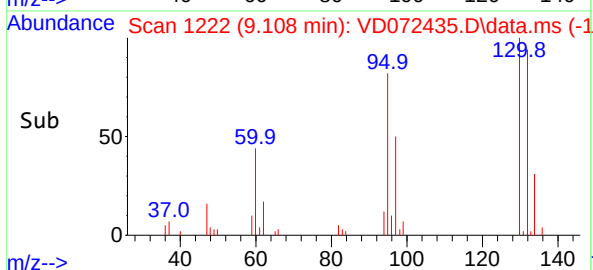
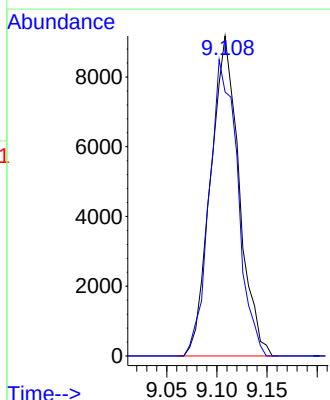
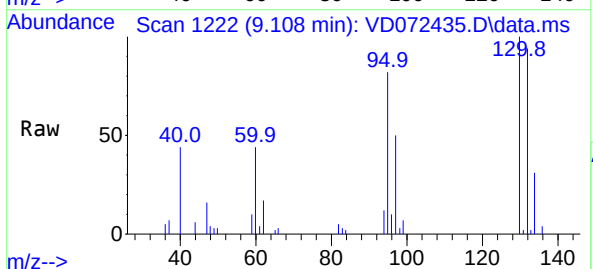
Manual Integrations
APPROVED

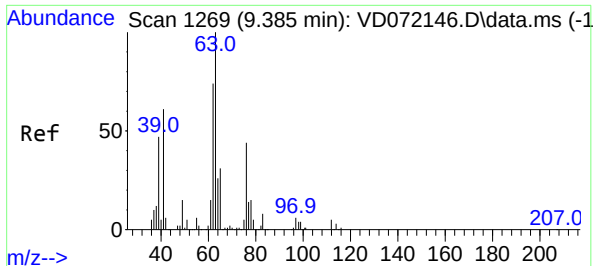
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#44
Trichloroethene
Concen: 3.675 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

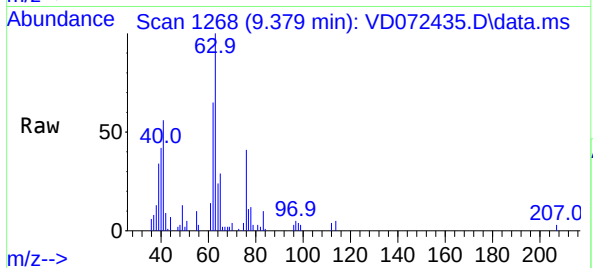
Tgt Ion:130 Resp: 18160
Ion Ratio Lower Upper
130 100
95 82.5 0.0 205.4





#45
1,2-Dichloropropane
Concen: 4.130 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

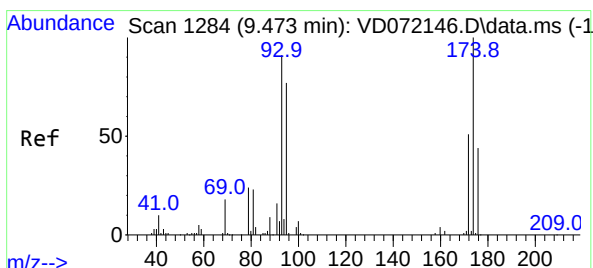
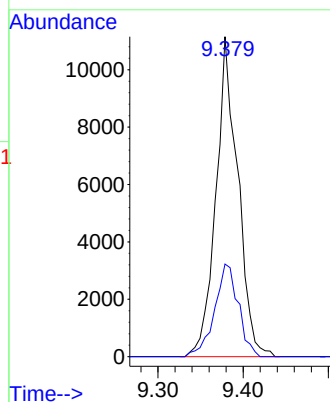
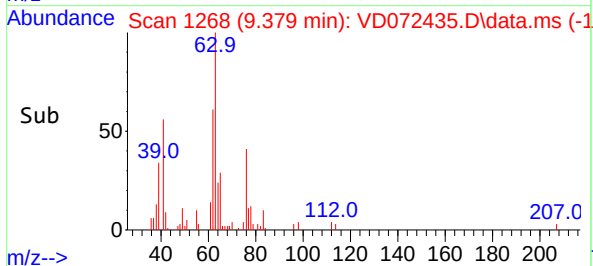
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



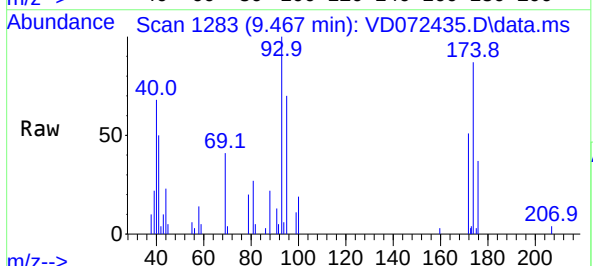
Tgt Ion: 63 Resp: 19938
Ion Ratio Lower Upper
63 100
65 28.9 26.2 39.4

Manual Integrations
APPROVED

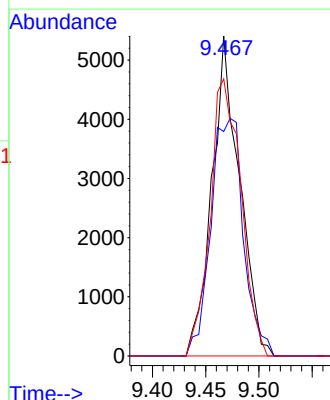
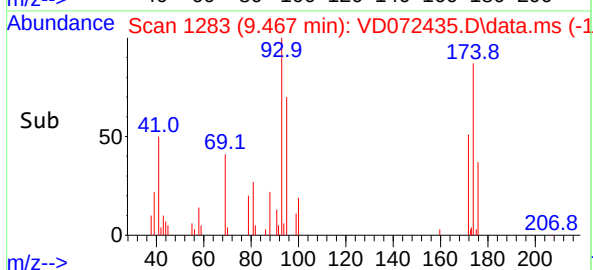
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

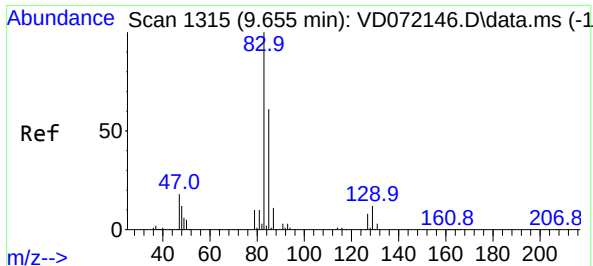


#46
Dibromomethane
Concen: 4.115 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



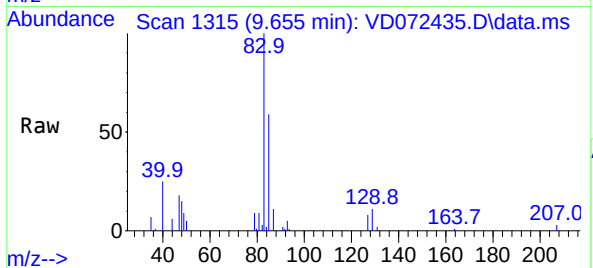
Tgt Ion: 93 Resp: 9772
Ion Ratio Lower Upper
93 100
95 87.7 66.7 100.1
174 96.2 71.6 107.4





#47
Bromodichloromethane
Concen: 4.309 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

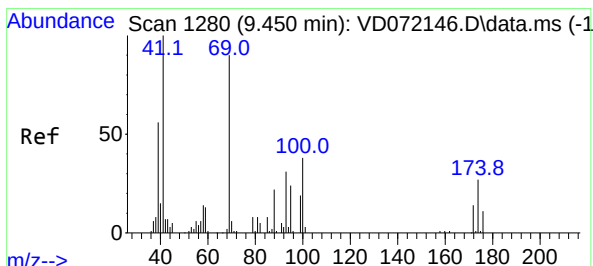
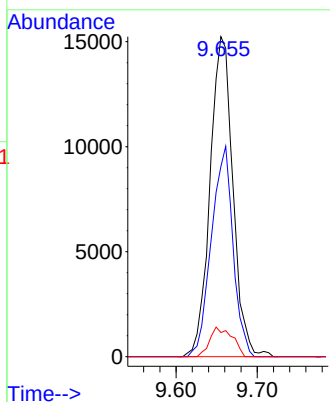
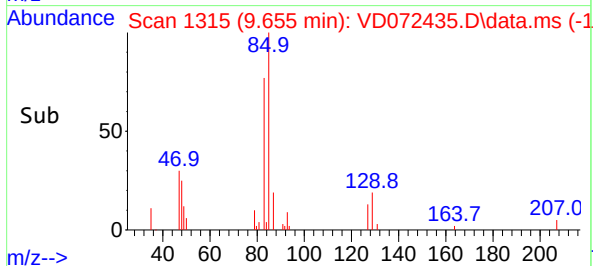
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



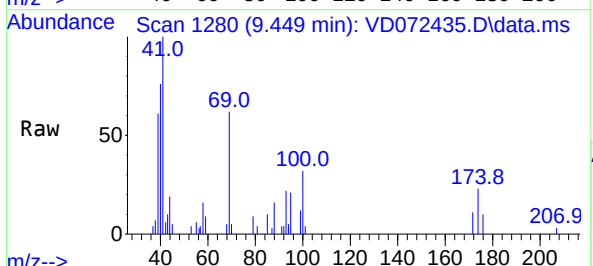
Tgt Ion: 83 Resp: 2983
Ion Ratio Lower Upper
83 100
85 59.5 51.4 77.0
127 7.6 6.1 9.1

Manual Integrations
APPROVED

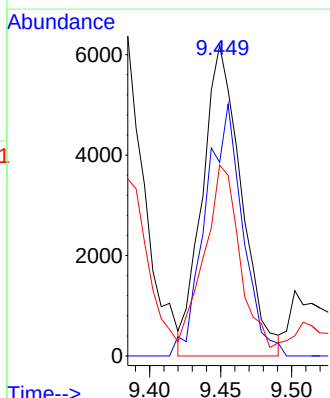
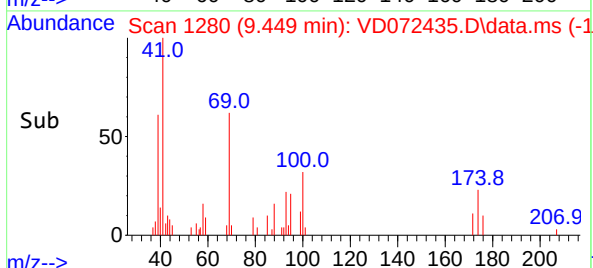
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

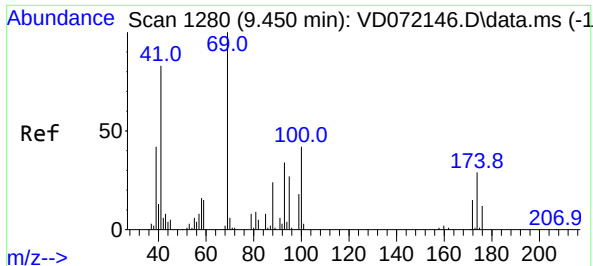


#48
Methyl methacrylate
Concen: 4.698 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



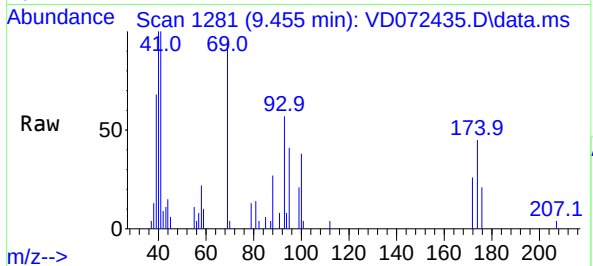
Tgt Ion: 41 Resp: 11768
Ion Ratio Lower Upper
41 100
69 77.7 56.7 85.1
39 58.5 42.7 64.1





#49
1,4-Dioxane
Concen: 96.429 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

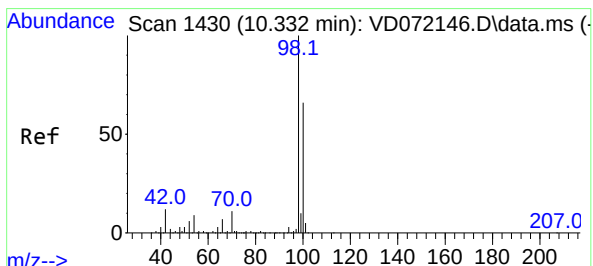
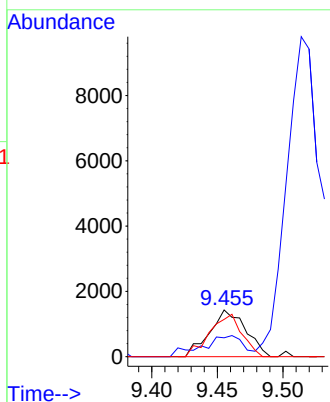
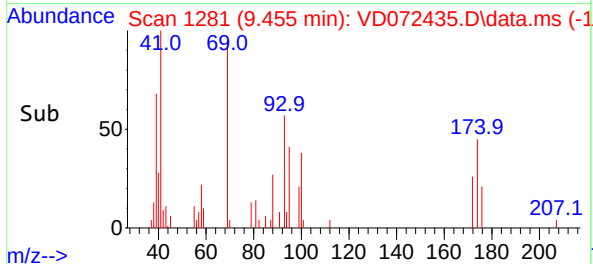
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 88 Resp: 2740
Ion Ratio Lower Upper
88 100
43 51.2 31.0 46.4
58 80.6 58.1 87.1

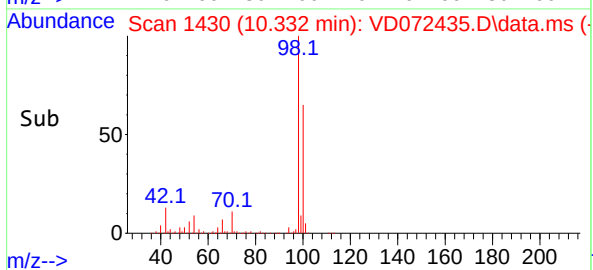
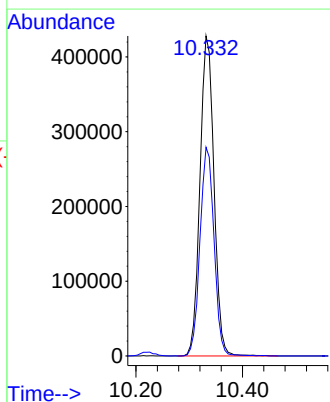
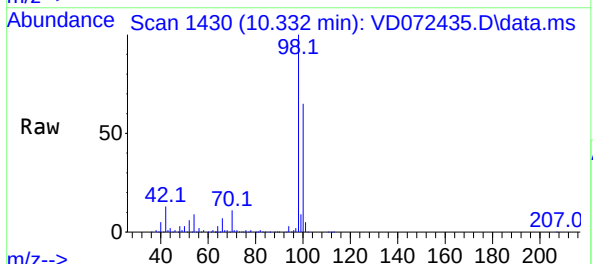
Manual Integrations
APPROVED

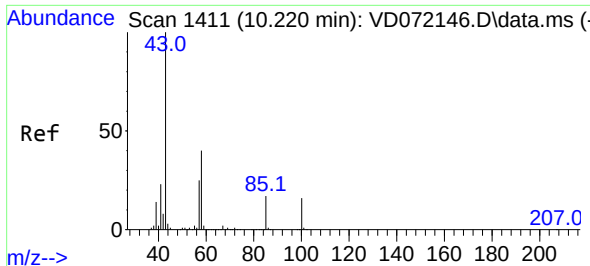
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#50
Toluene-d8
Concen: 48.517 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

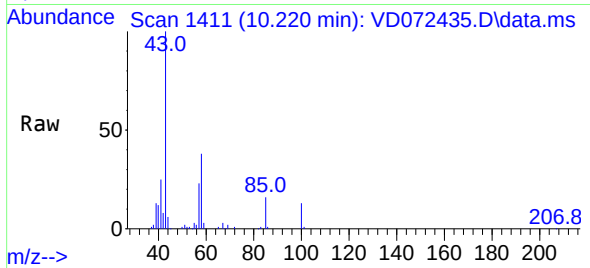
Tgt Ion: 98 Resp: 780249
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 23.707 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

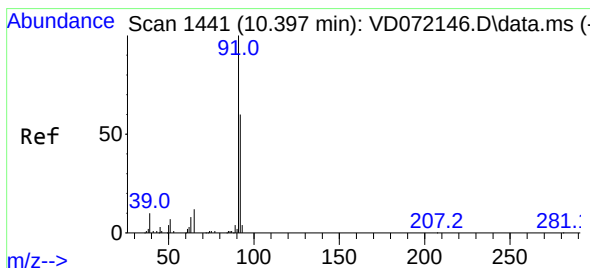
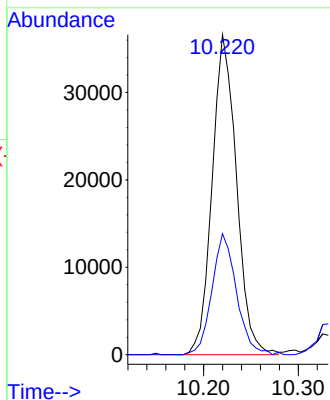
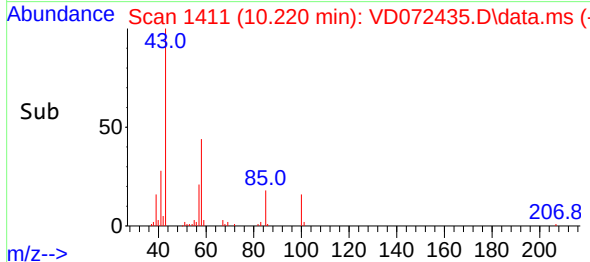
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 65319
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

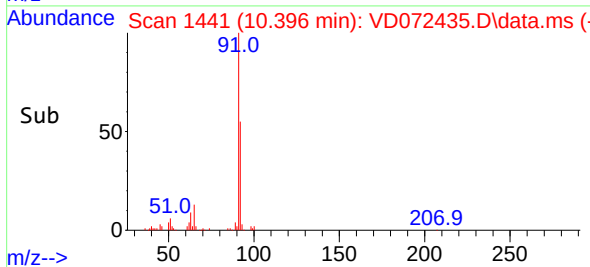
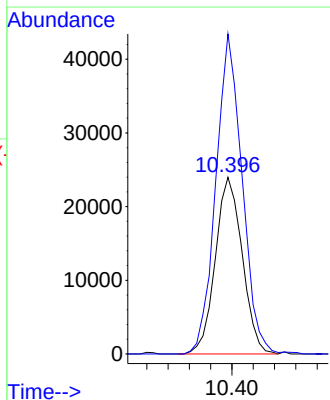
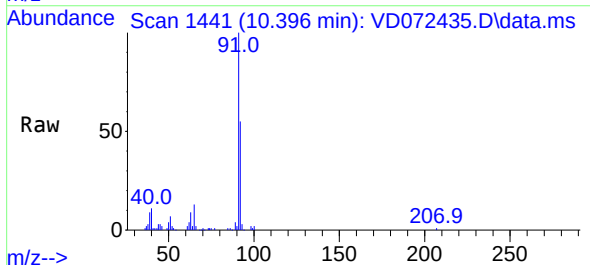
Manual Integrations
APPROVED

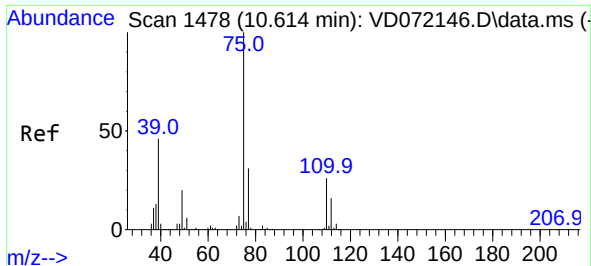
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#52
Toluene
Concen: 3.631 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

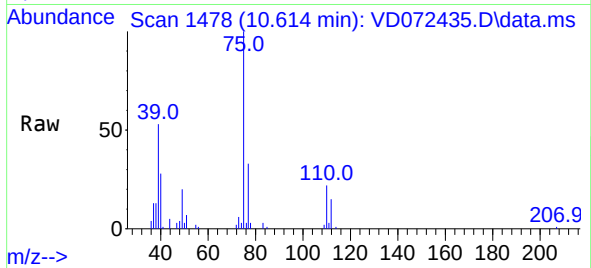
Tgt Ion: 92 Resp: 42052
Ion Ratio Lower Upper
92 100
91 177.1 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 4.147 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

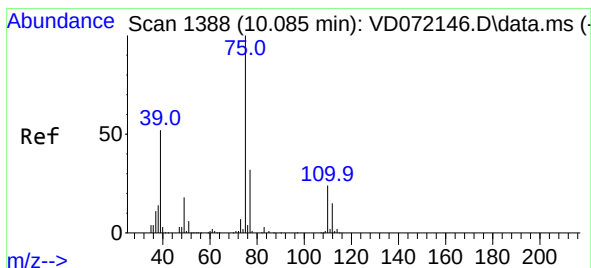
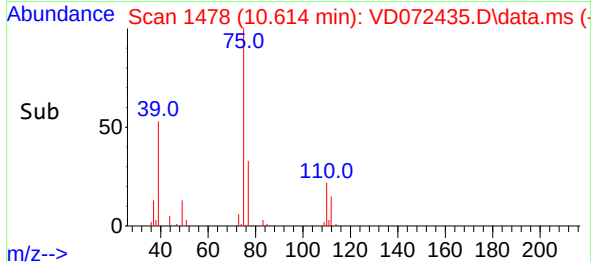
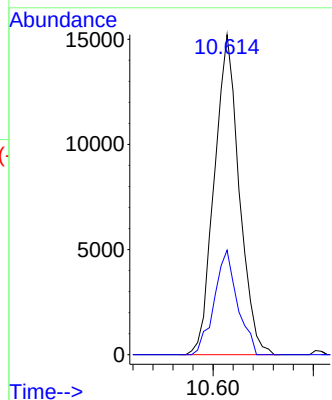
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 75 Resp: 26230
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

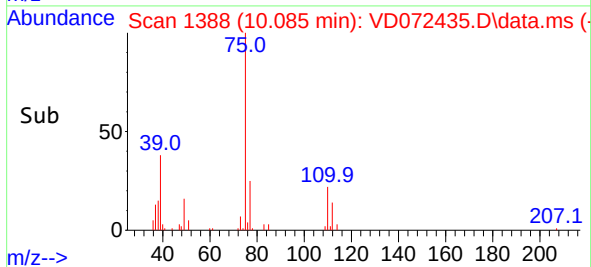
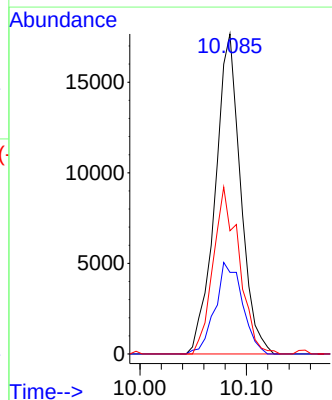
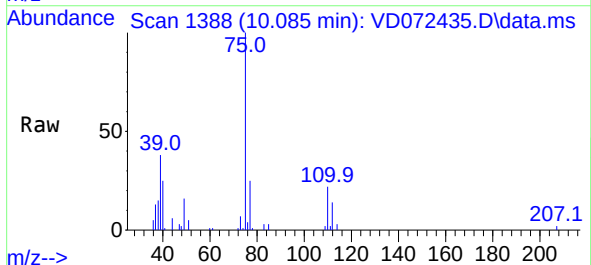
Manual Integrations
APPROVED

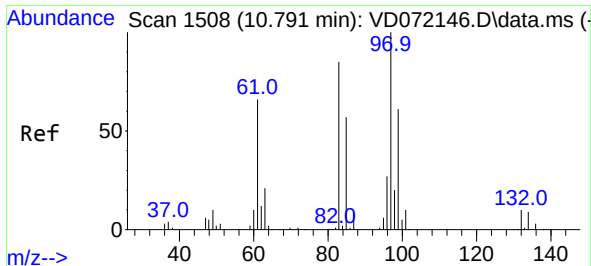
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 4.010 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

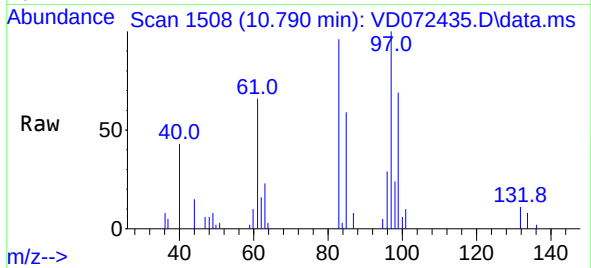
Tgt Ion: 75 Resp: 29323
Ion Ratio Lower Upper
75 100
77 25.5 24.8 37.2
39 38.5 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 4.431 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

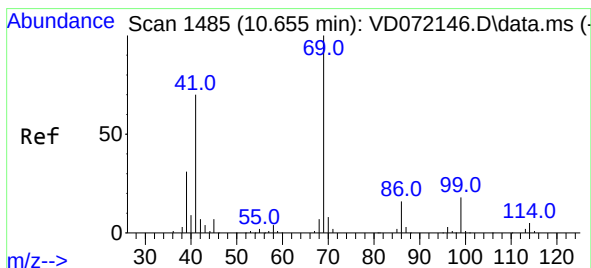
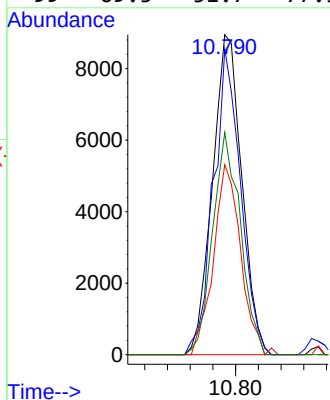
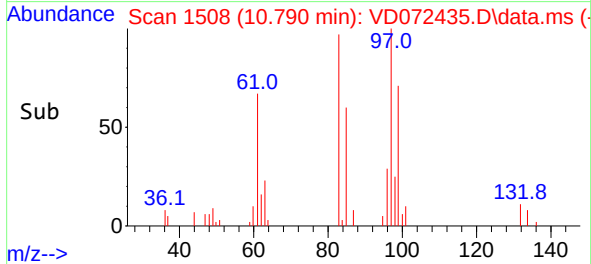
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



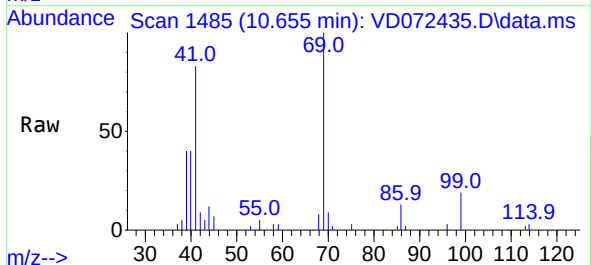
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.5	69.0	103.4
85	59.3	42.6	63.8
99	69.5	51.7	77.5

Manual Integrations
APPROVED

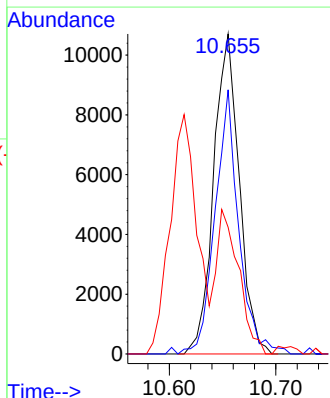
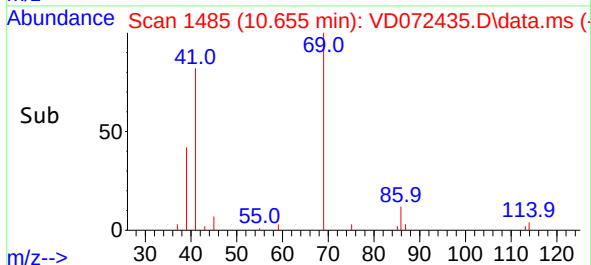
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

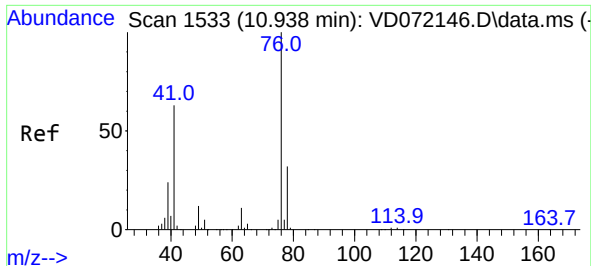


#56
Ethyl methacrylate
Concen: 4.211 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.4	63.0	94.6
39	39.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 4.420 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 76 Resp: 2683

Ion Ratio Lower Upper

76 100

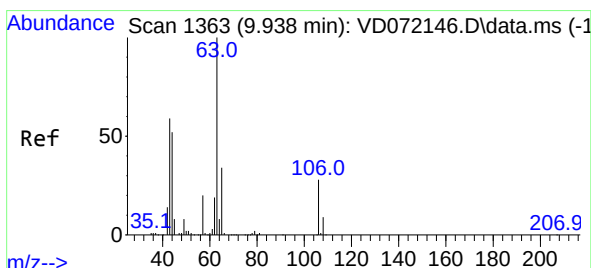
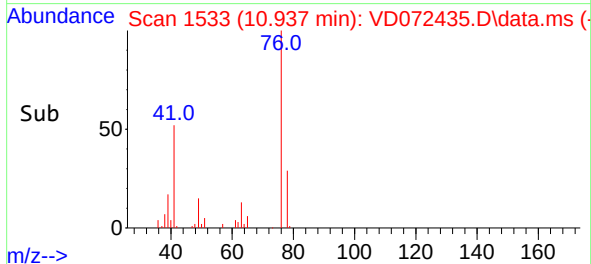
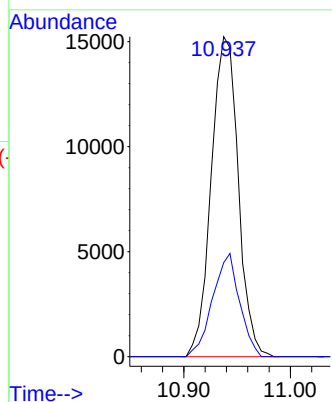
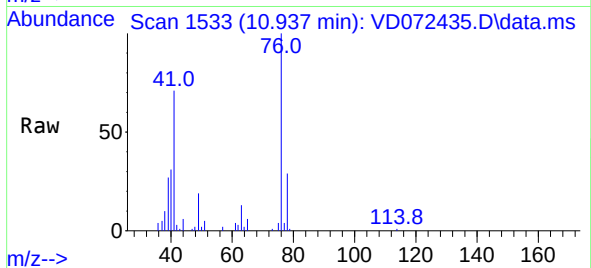
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022

Supervised By :Semsettin Yesilyurt 03/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 16.279 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072435.D

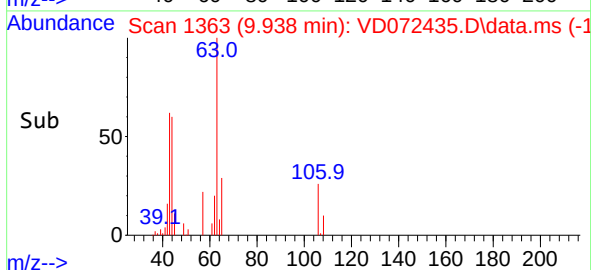
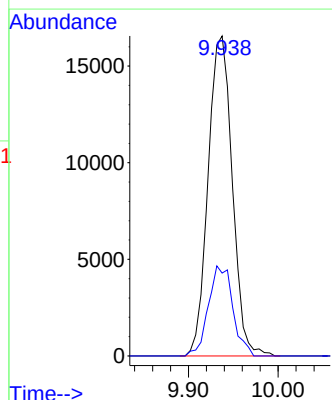
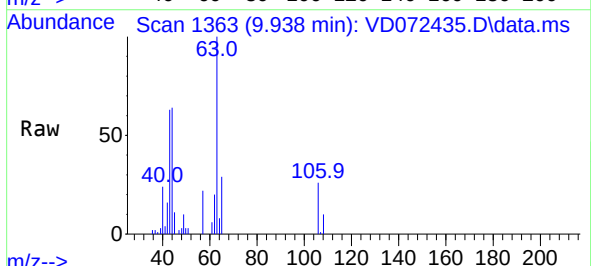
Acq: 25 Mar 2022 18:06

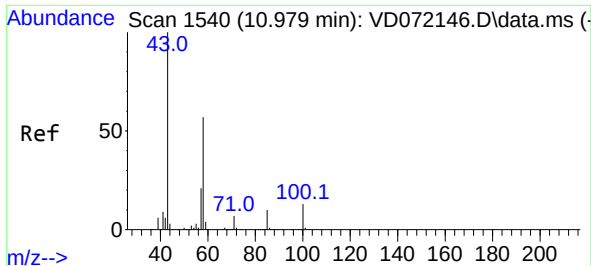
Tgt Ion: 63 Resp: 31013

Ion Ratio Lower Upper

63 100

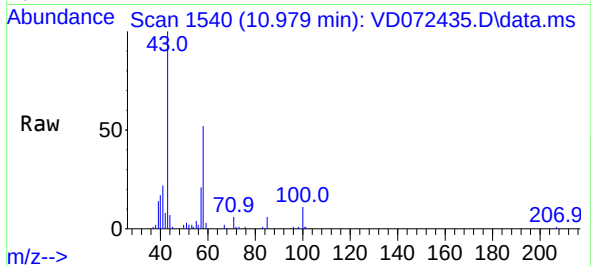
106 28.4 21.4 32.0





#59
2-Hexanone
Concen: 22.937 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

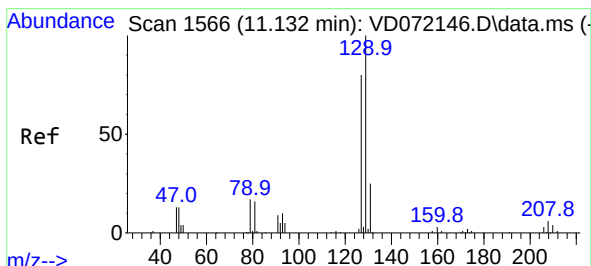
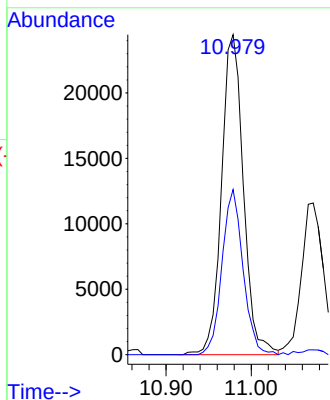
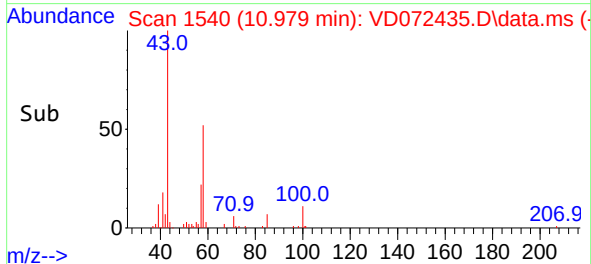
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



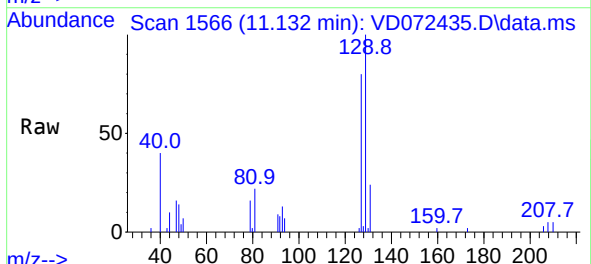
Tgt Ion: 43 Resp: 43649
Ion Ratio Lower Upper
43 100
58 49.5 25.3 75.9

Manual Integrations
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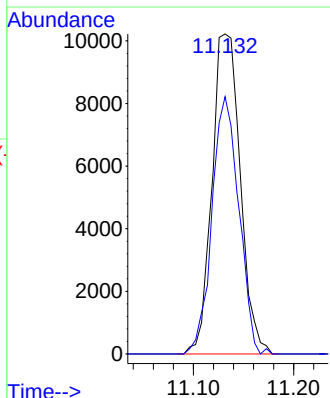
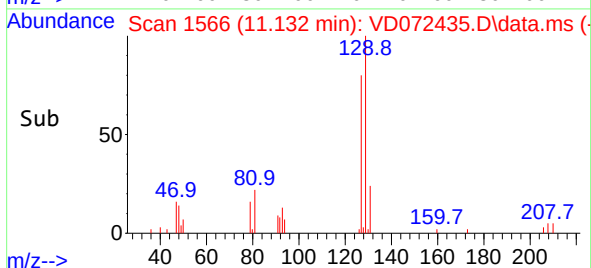
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

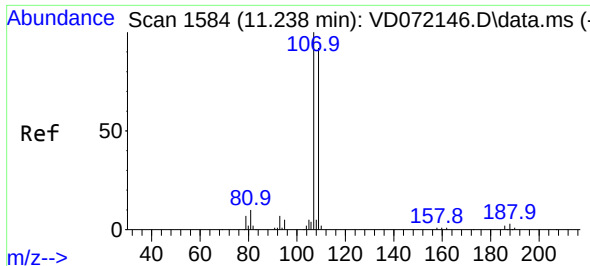


#60
Dibromochloromethane
Concen: 4.269 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion:129 Resp: 20041
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





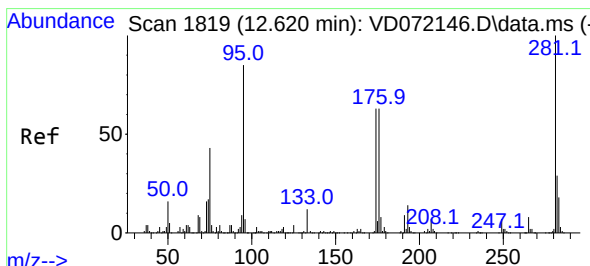
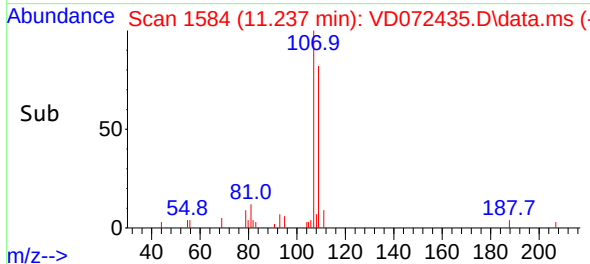
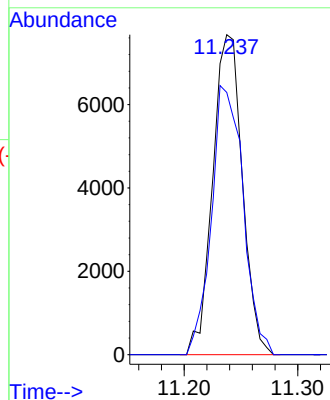
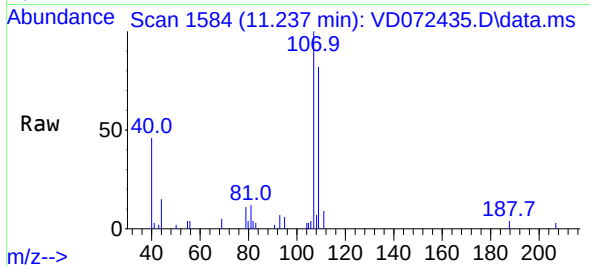
#61
1,2-Dibromoethane
Concen: 4.268 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:107 Resp: 13950
Ion Ratio Lower Upper
107 100
109 89.7 74.2 111.4

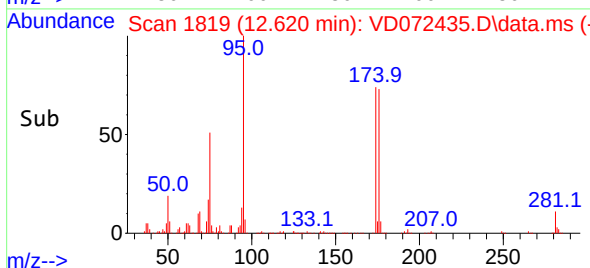
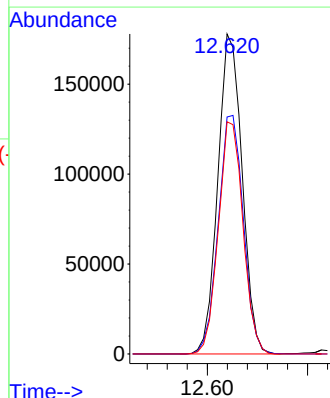
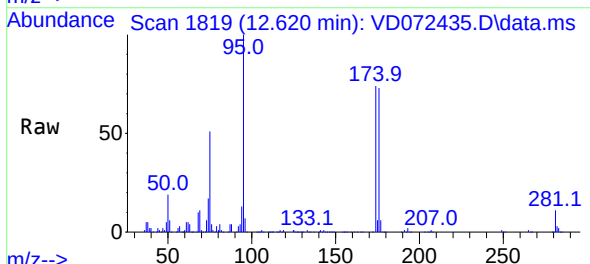
Manual Integrations
APPROVED

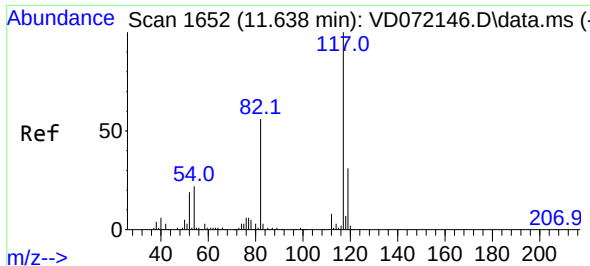
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

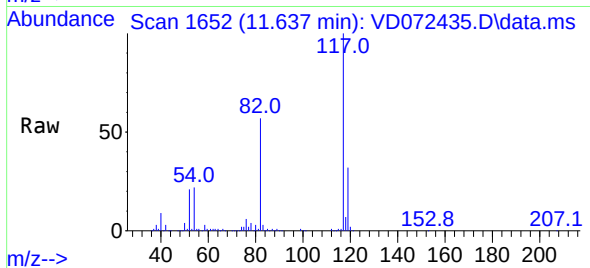
Tgt Ion: 95 Resp: 298660
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

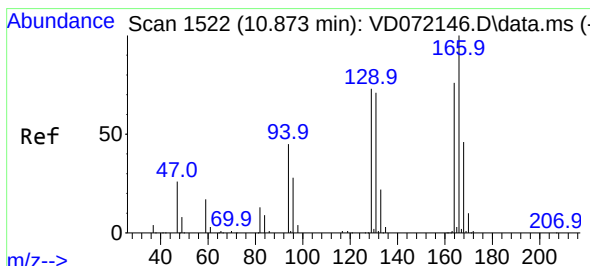
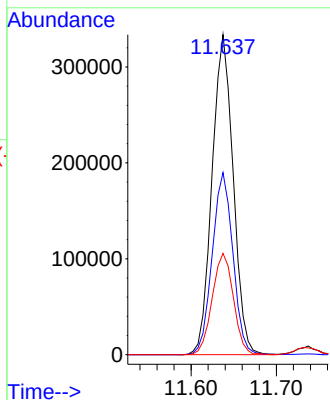
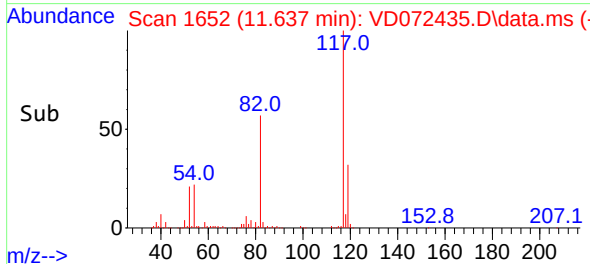
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



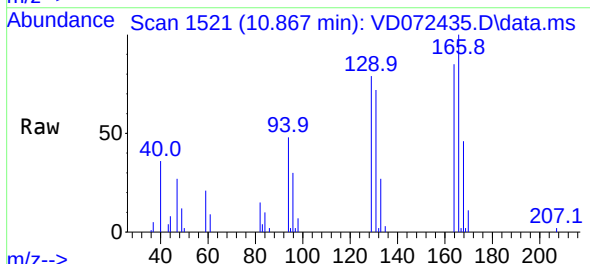
Tgt Ion:117 Resp: 574270
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.6 26.6 40.0

Manual Integrations
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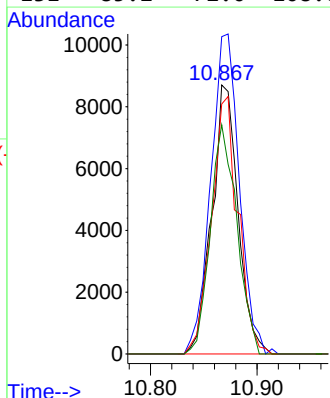
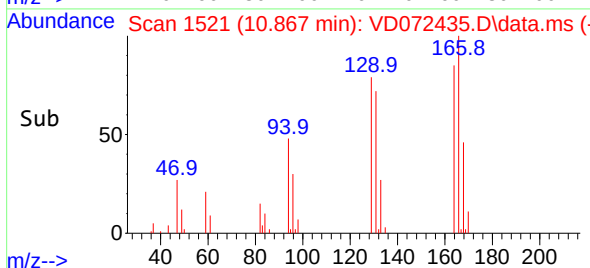
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

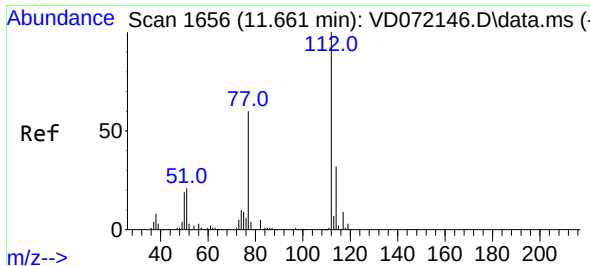


#64
Tetrachloroethene
Concen: 3.686 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion:164 Resp: 14914
Ion Ratio Lower Upper
164 100
166 118.0 98.5 147.7
129 92.9 74.6 111.8
131 85.2 72.0 108.0





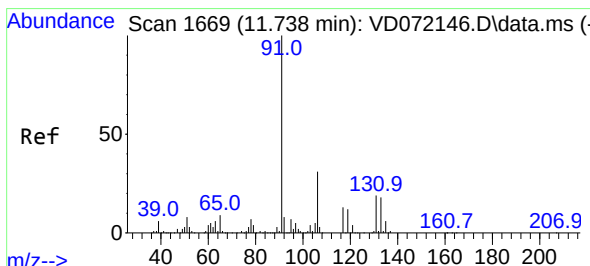
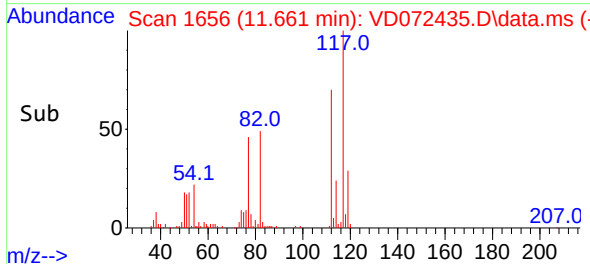
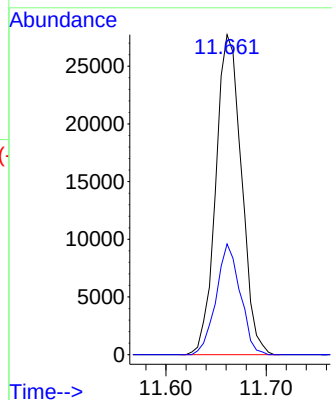
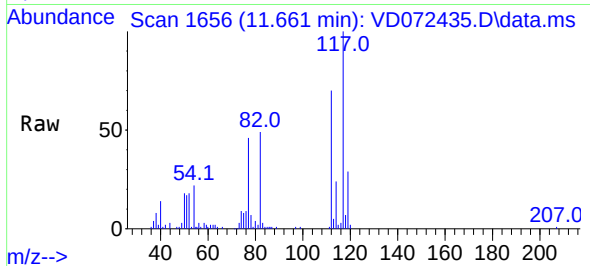
#65
Chlorobenzene
Concen: 3.876 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion:112 Resp: 49349
Ion Ratio Lower Upper
112 100
114 34.6 25.8 38.6

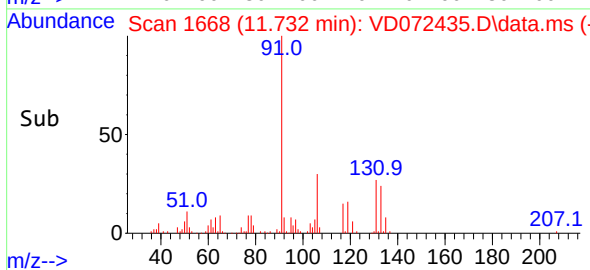
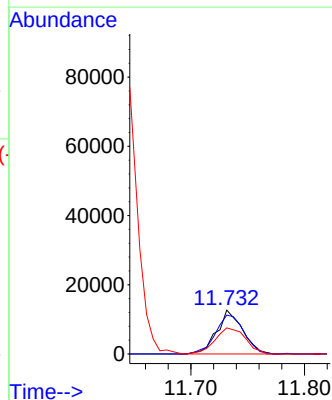
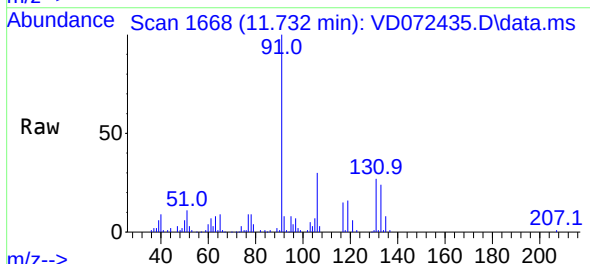
Manual Integrations
APPROVED

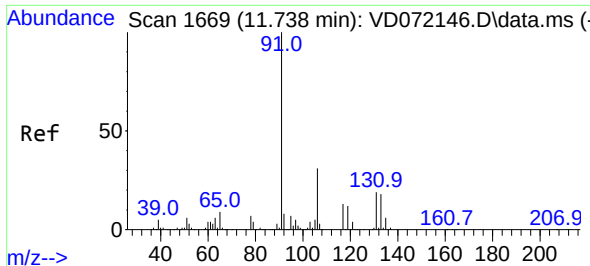
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 3.949 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

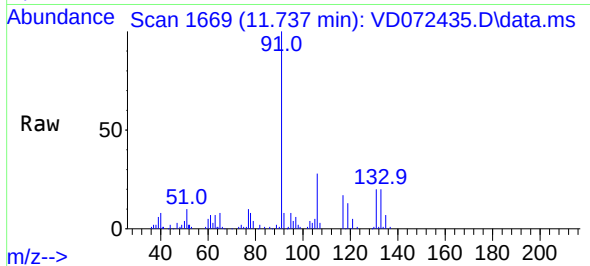
Tgt Ion:131 Resp: 19881
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.3
119 70.3 31.9 95.9





#67
Ethyl Benzene
Concen: 3.833 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

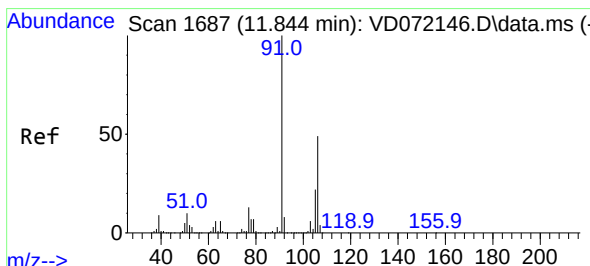
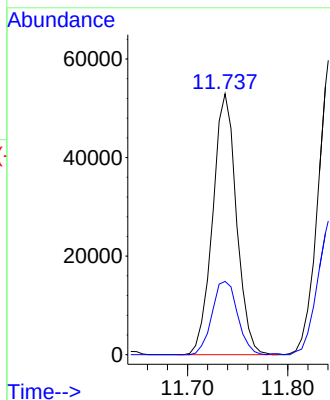
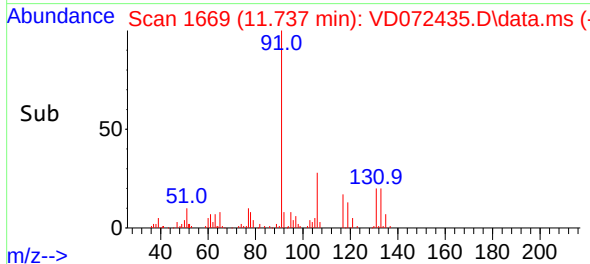
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



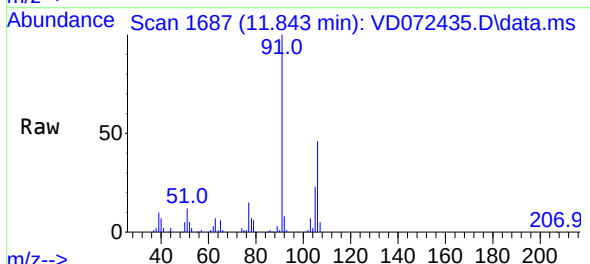
Tgt Ion: 91 Resp: 87159
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.4

Manual Integrations
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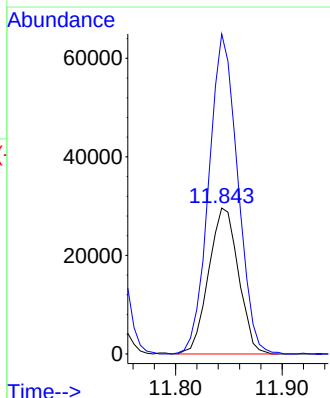
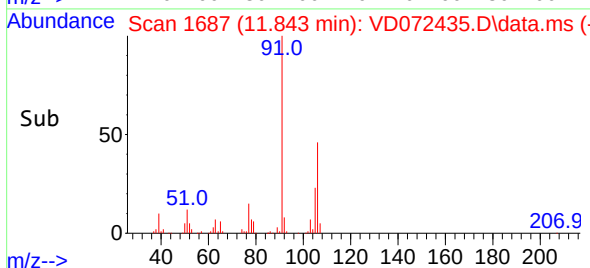
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

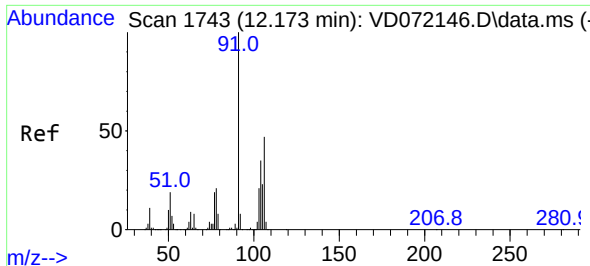


#68
m/p-Xylenes
Concen: 6.671 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



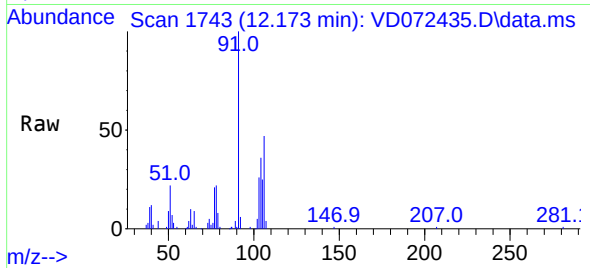
Tgt Ion:106 Resp: 57596
Ion Ratio Lower Upper
106 100
91 212.1 163.7 245.5





#69
o-Xylene
Concen: 3.616 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

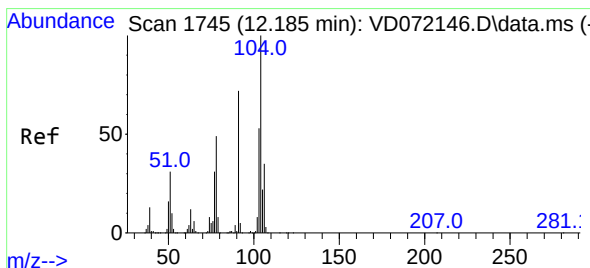
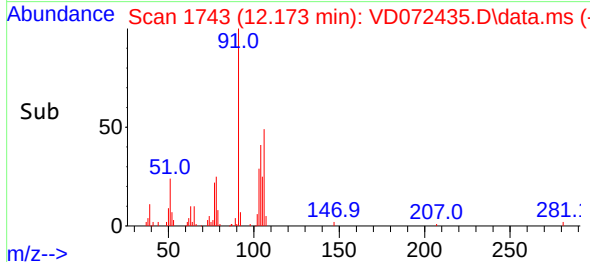
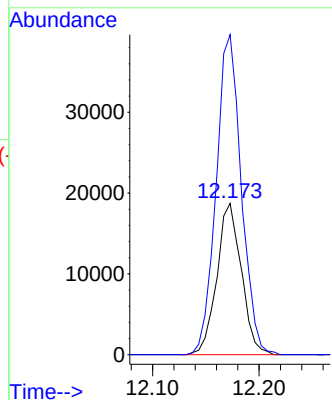
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:106 Resp: 29862
Ion Ratio Lower Upper
106 100
91 217.4 110.4 331.2

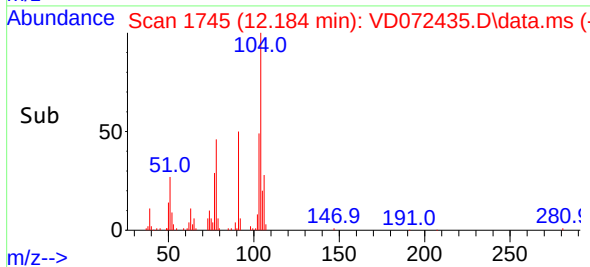
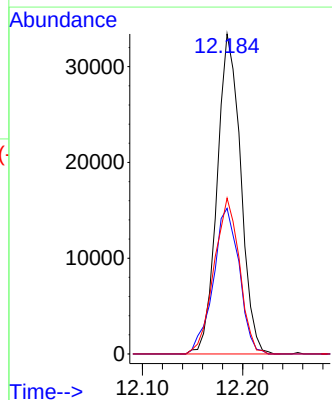
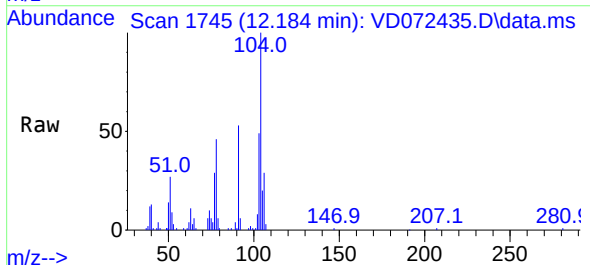
Manual Integrations
APPROVED

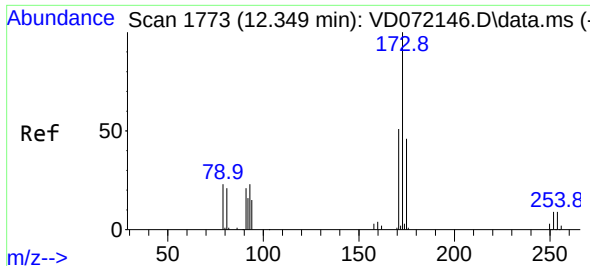
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#70
Styrene
Concen: 3.781 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

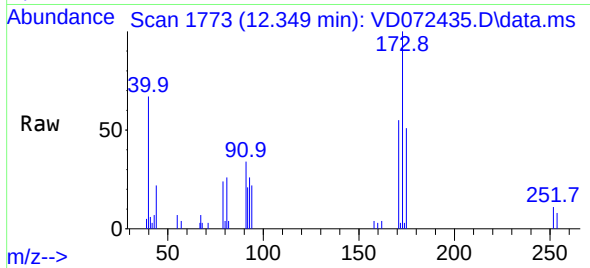
Tgt Ion:104 Resp: 54522
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 52.6 44.2 66.4





#71
Bromoform
Concen: 4.333 ug/l
RT: 12.349 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

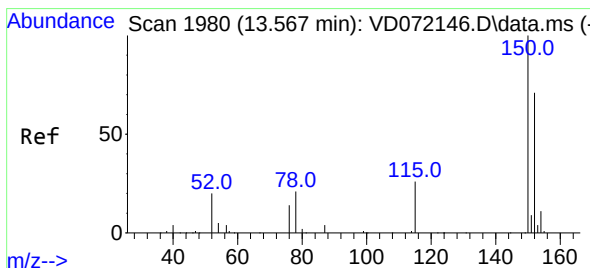
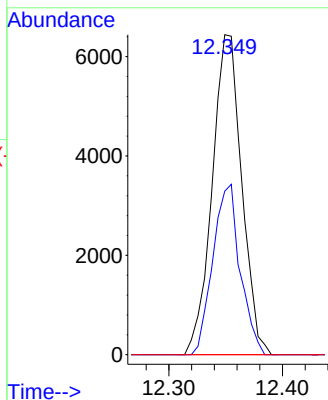
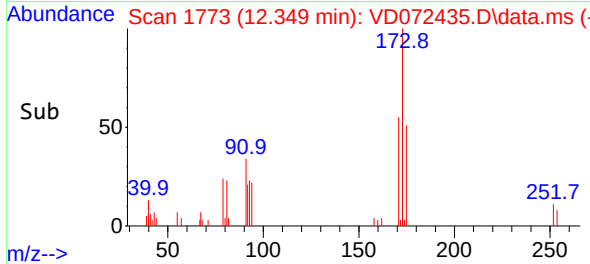
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:173 Resp: 1165
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0

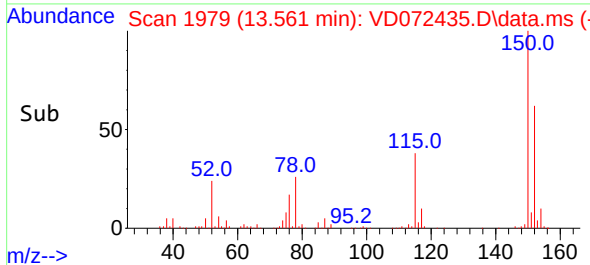
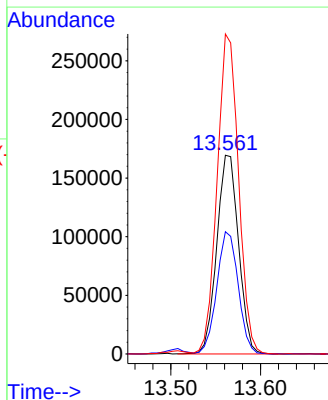
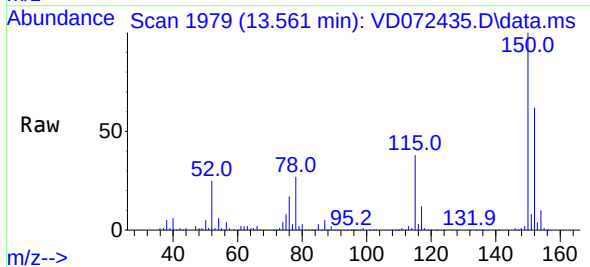
Manual Integrations
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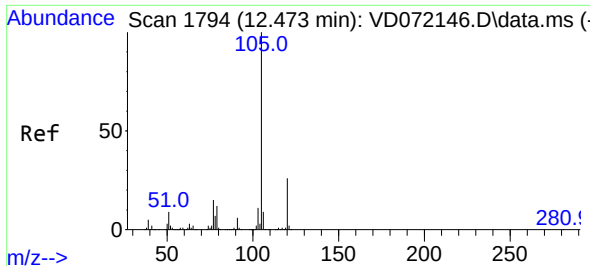
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

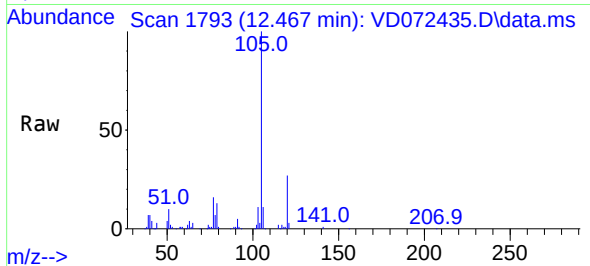
Tgt Ion:152 Resp: 285402
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 158.2 0.0 348.6





#73
Isopropylbenzene
Concen: 3.703 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

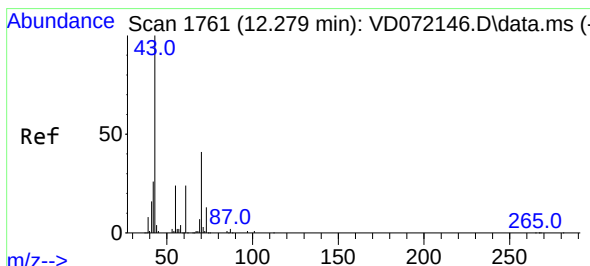
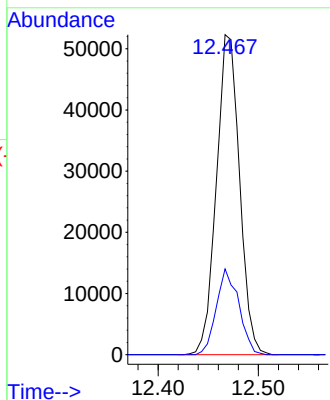
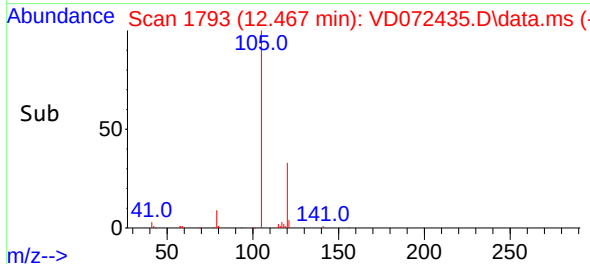
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion:105 Resp: 83739
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

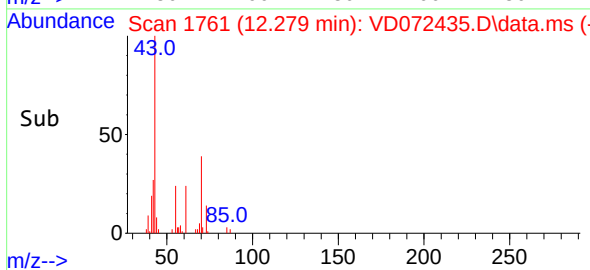
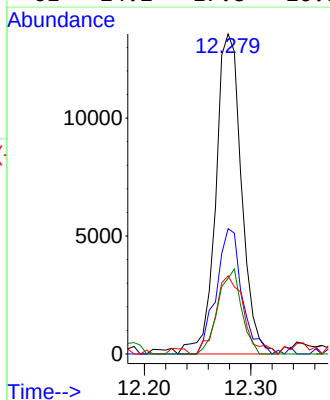
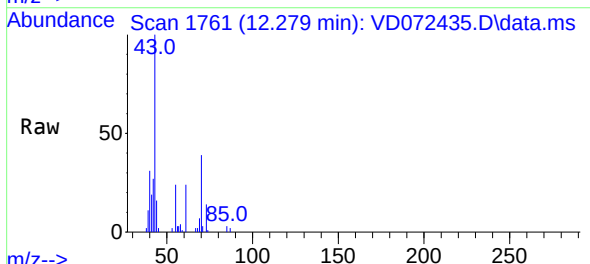
Manual Integrations
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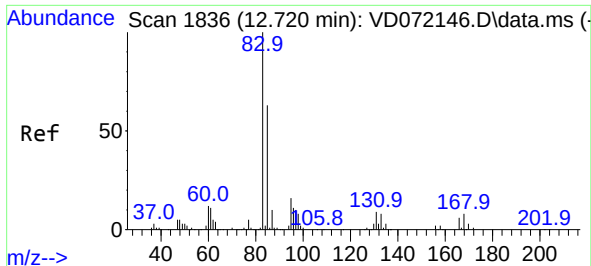
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#74
N-ethyl acetate
Concen: 4.665 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

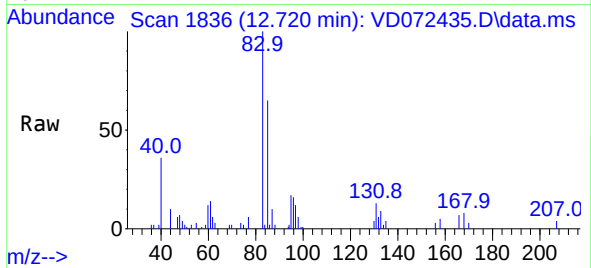
Tgt Ion: 43 Resp: 22672
Ion Ratio Lower Upper
43 100
70 39.3 31.3 46.9
55 26.5 20.0 30.0
61 24.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.732 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

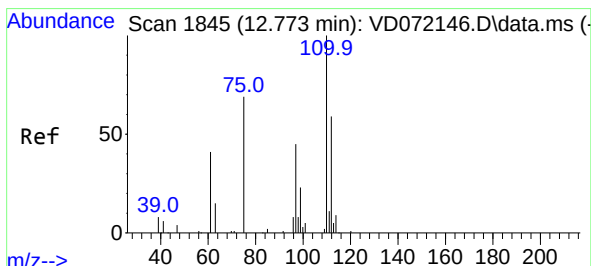
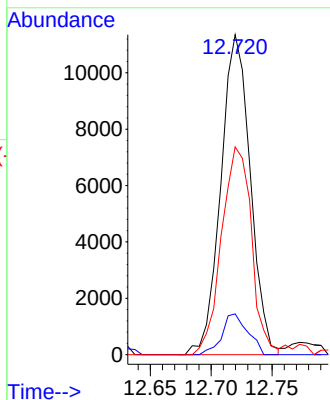
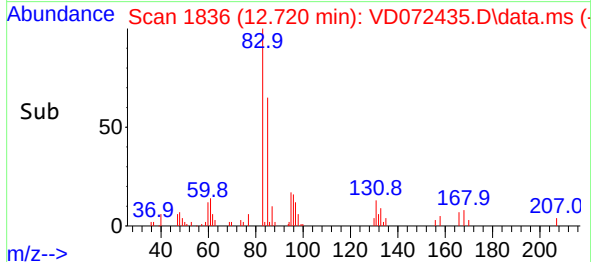
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



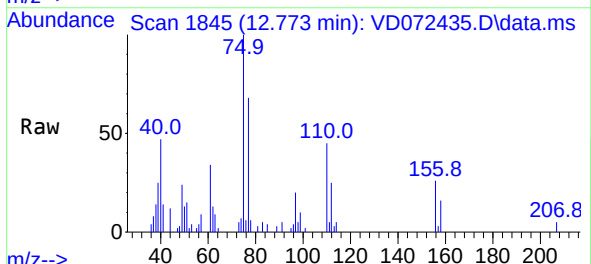
Tgt Ion: 83 Resp: 1914
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 65.8 32.6 98.0

Manual Integrations
APPROVED

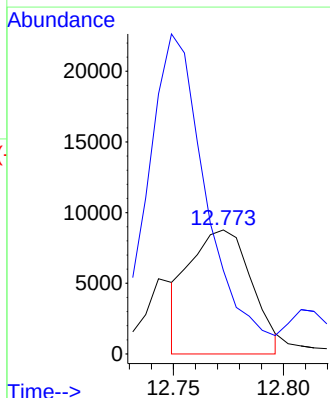
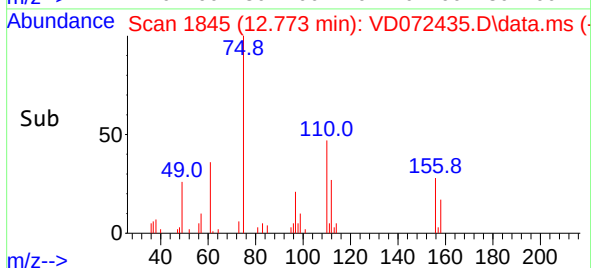
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

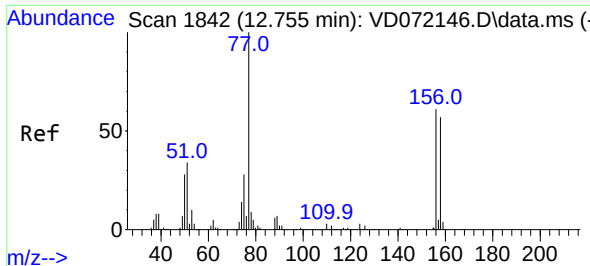


#76
1,2,3-Trichloropropane
Concen: 5.454 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion: 75 Resp: 17171
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





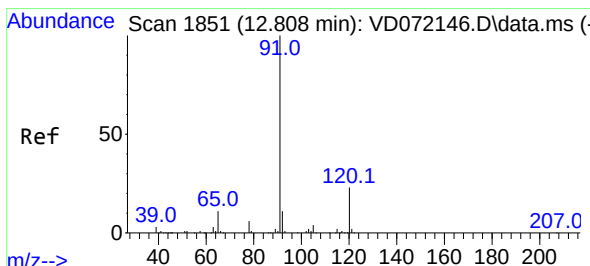
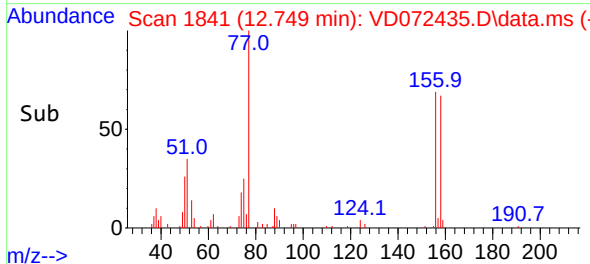
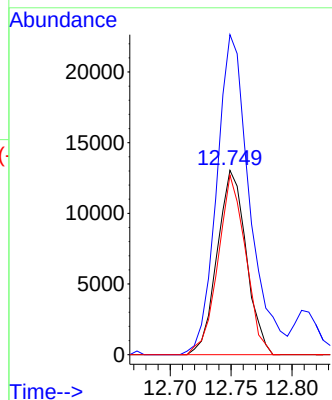
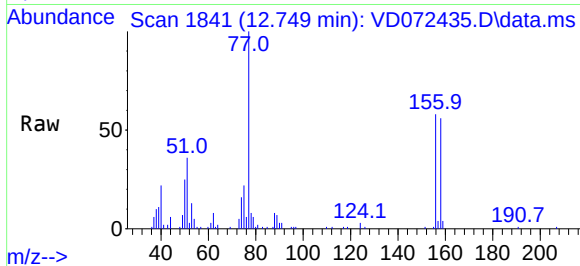
#77
Bromobenzene
Concen: 4.248 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:156 Resp: 2162
Ion Ratio Lower Upper
156 100
77 197.3 102.8 308.3
158 92.8 48.7 146.1

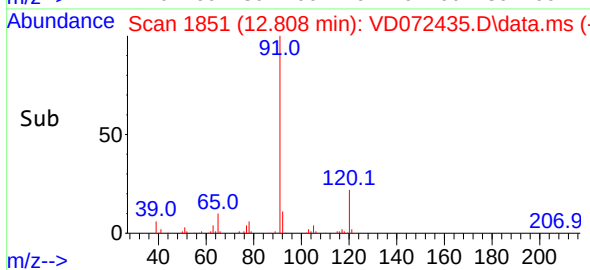
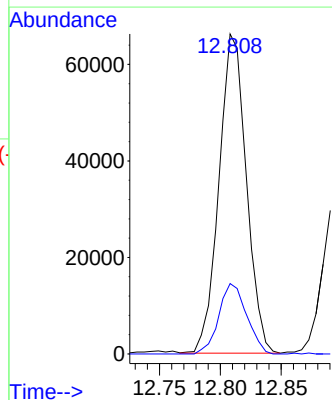
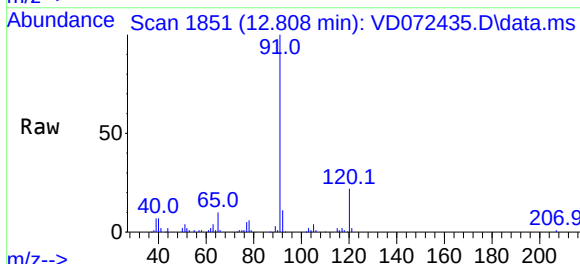
Manual Integrations
APPROVED

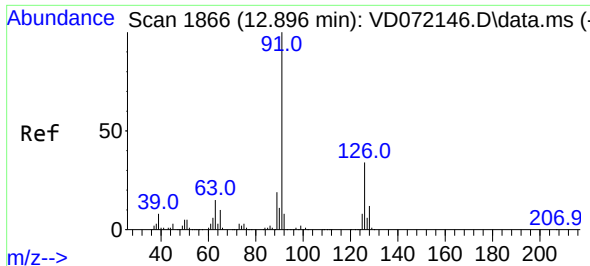
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#78
n-propylbenzene
Concen: 3.768 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 91 Resp: 103500
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





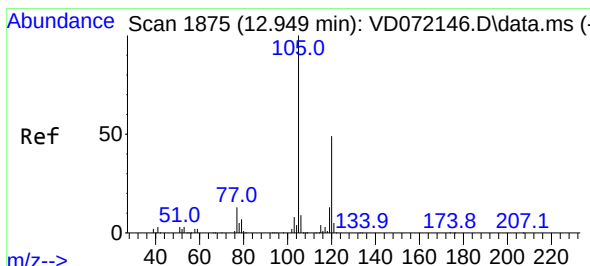
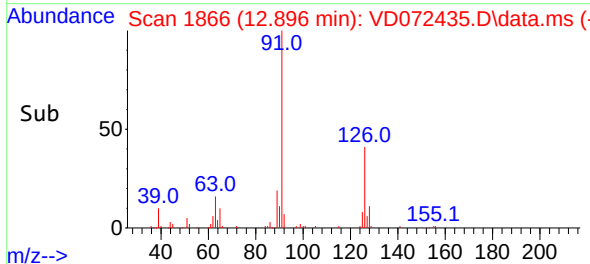
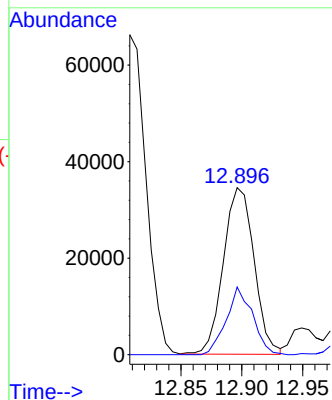
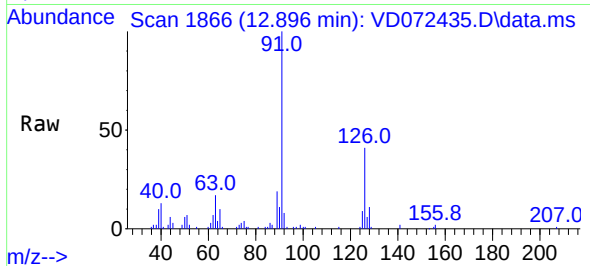
#79
2-Chlorotoluene
Concen: 3.819 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 6066
Ion Ratio Lower Upper
91 100
126 34.8 16.2 48.6

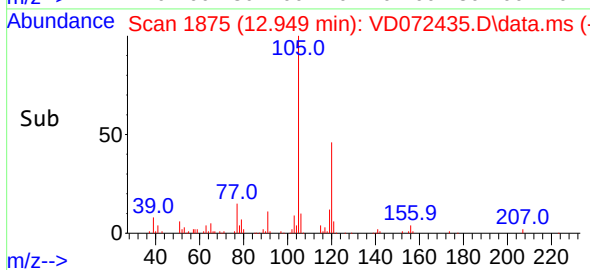
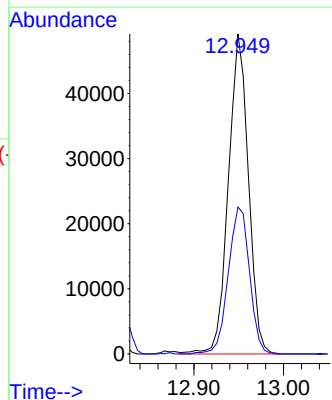
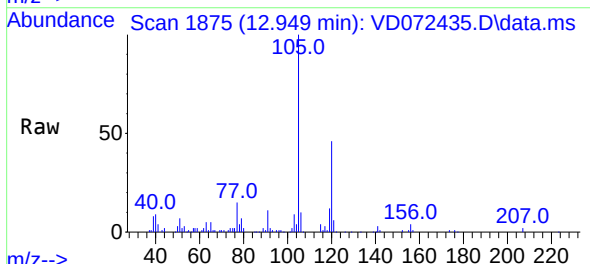
Manual Integrations
APPROVED

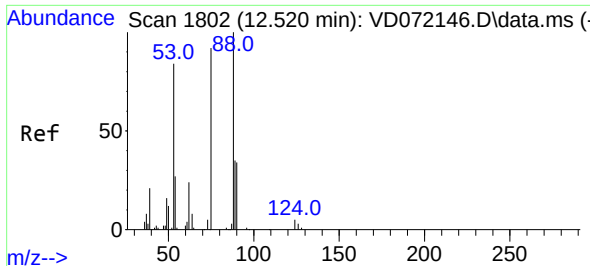
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.915 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

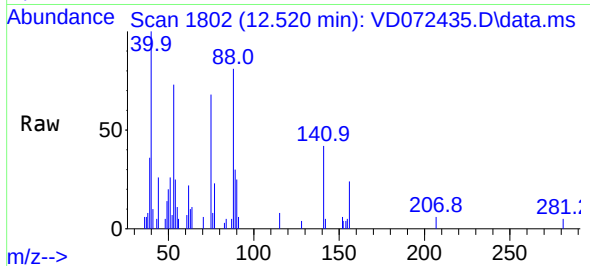
Tgt Ion:105 Resp: 76070
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.087 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

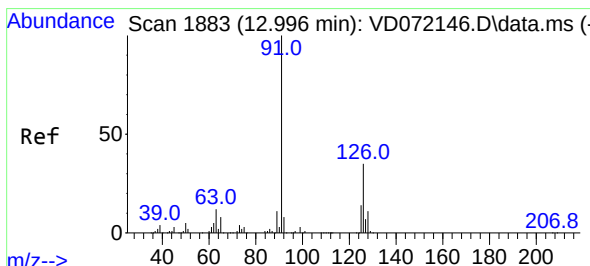
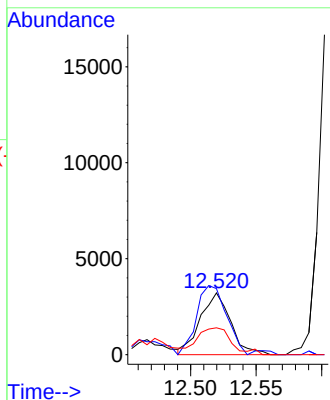
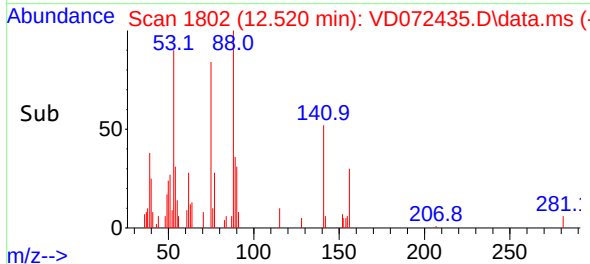
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



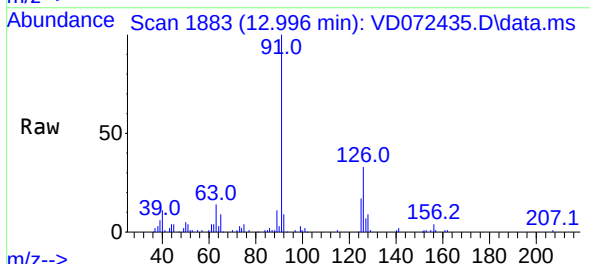
Tgt Ion: 75 Resp: 5180
Ion Ratio Lower Upper
75 100
53 111.6 86.5 129.7
89 50.0 33.9 50.9

Manual Integrations
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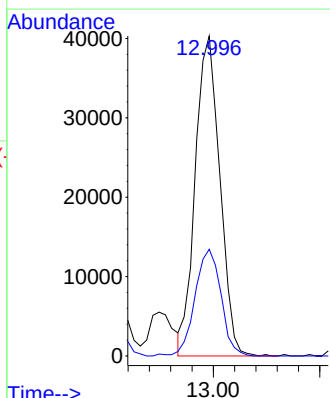
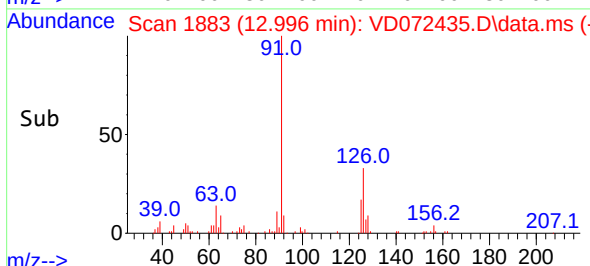
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

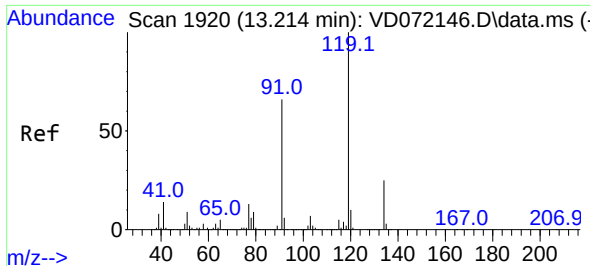


#82
4-Chlorotoluene
Concen: 3.933 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



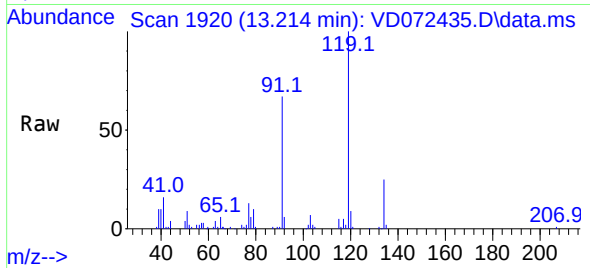
Tgt Ion: 91 Resp: 64682
Ion Ratio Lower Upper
91 100
126 35.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 3.645 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

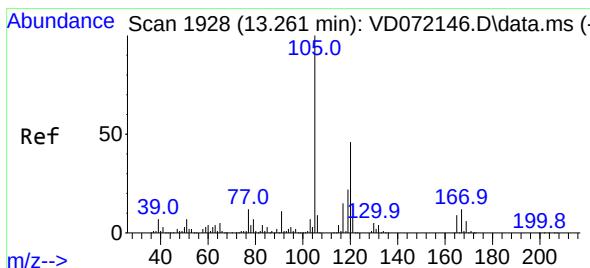
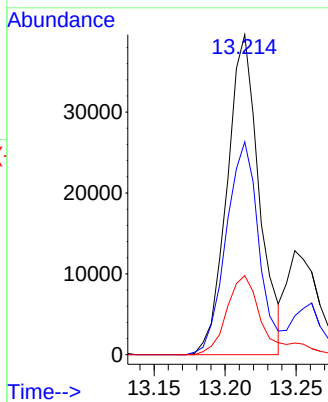
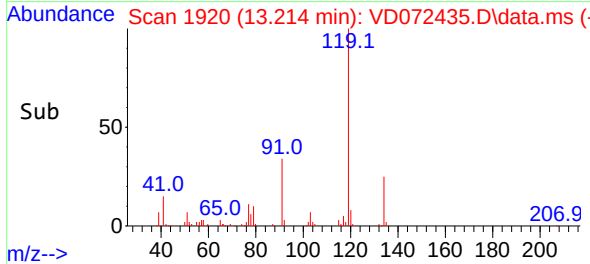
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022



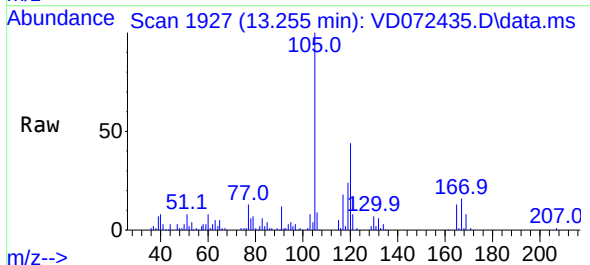
Tgt Ion:119 Resp: 62090
Ion Ratio Lower Upper
119 100
91 67.9 34.8 104.5
134 28.0 13.3 39.9

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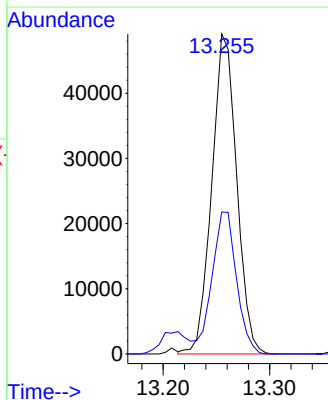
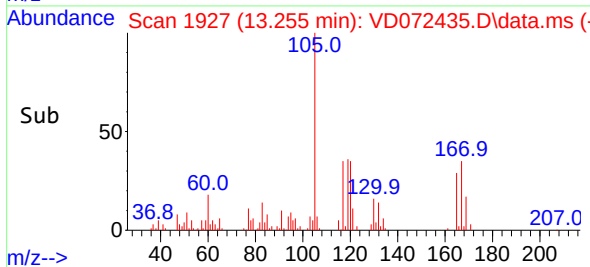
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022

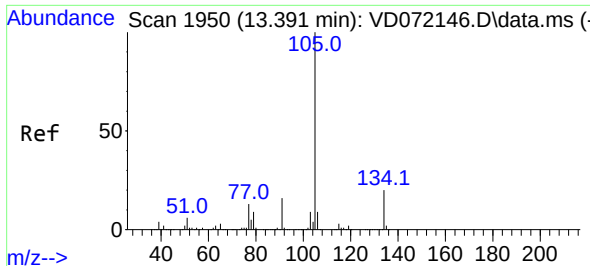


#84
1,2,4-Trimethylbenzene
Concen: 4.156 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06



Tgt Ion:105 Resp: 79565
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





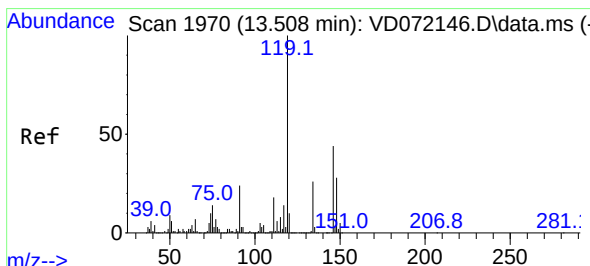
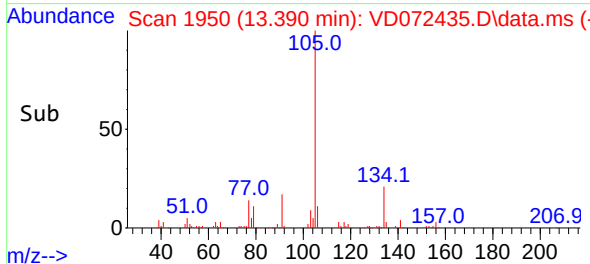
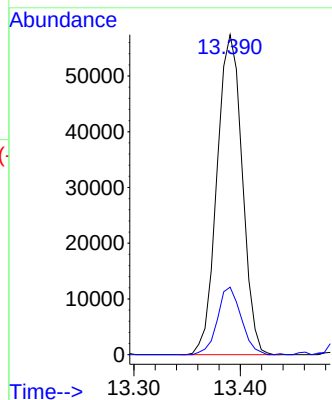
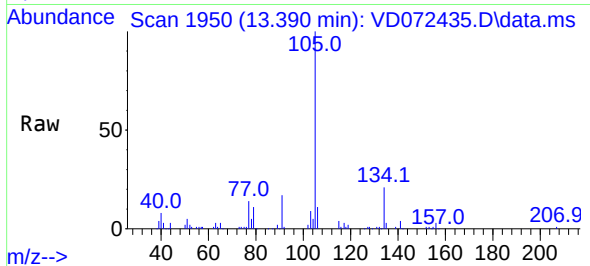
#85
 sec-Butylbenzene
 Concen: 3.693 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

Instrument : MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Tgt Ion:105 Resp: 94460
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

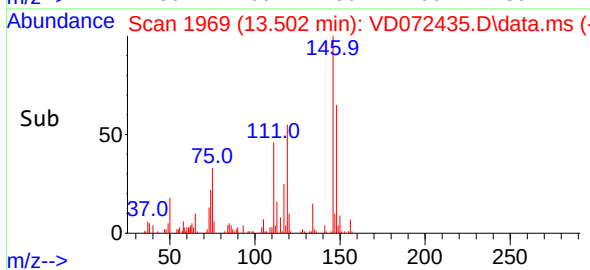
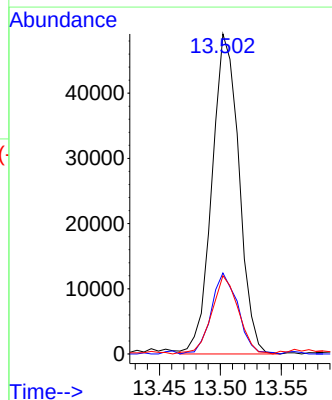
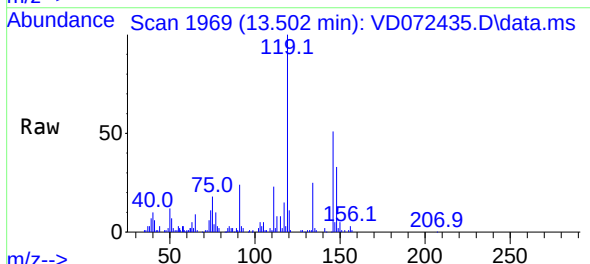
Manual Integrations
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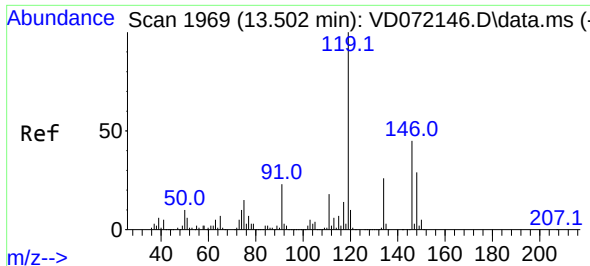
Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 3.594 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

Tgt Ion:119 Resp: 75660
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 3.933 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

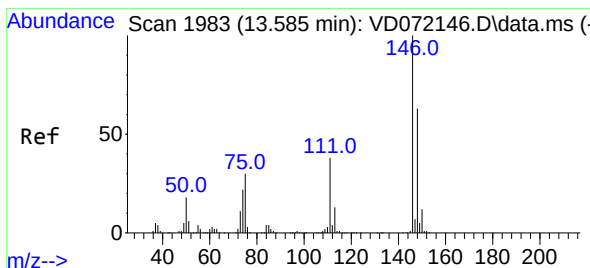
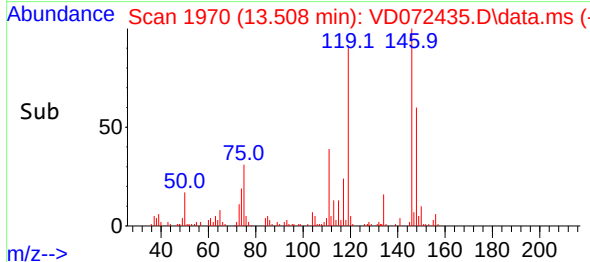
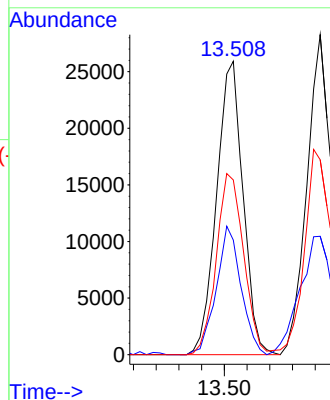
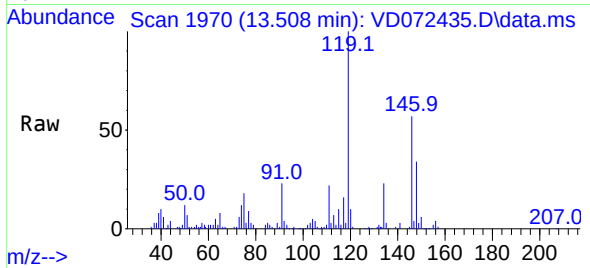
MDL-SOIL-03-QT1-2022

Tgt Ion:146	Resp:	41950
Ion Ratio	Lower	Upper
146	100	
111	41.0	20.4 61.3
148	64.0	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#88

1,4-Dichlorobenzene

Concen: 4.116 ug/l

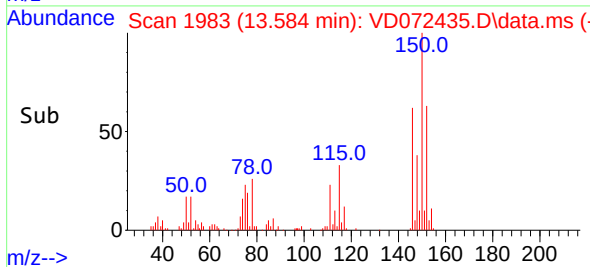
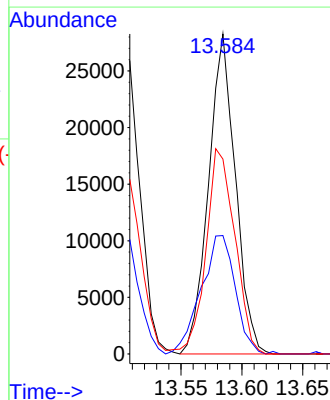
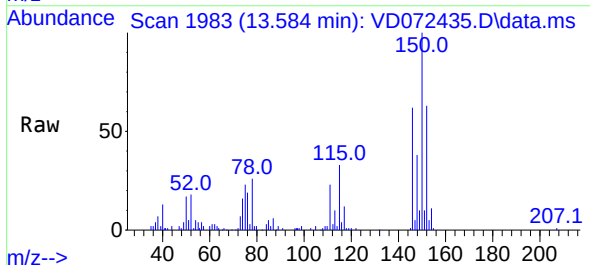
RT: 13.584 min Scan# 1983

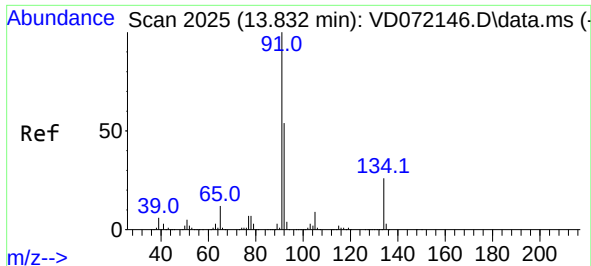
Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Tgt Ion:146	Resp:	43539
Ion Ratio	Lower	Upper
146	100	
111	47.0	20.3 60.9
148	68.6	31.7 95.1





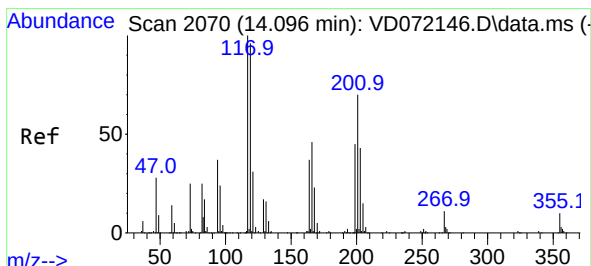
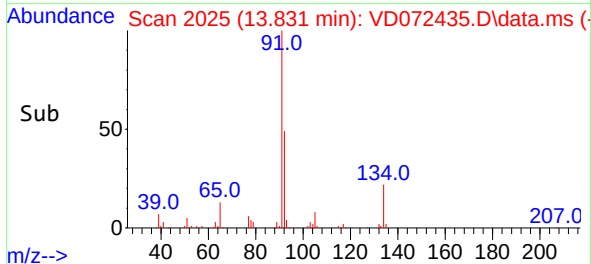
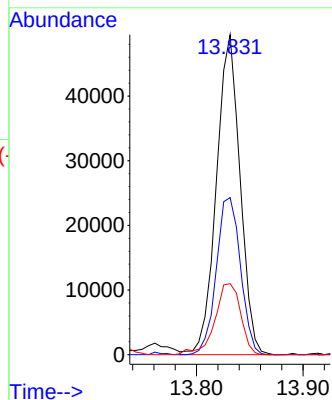
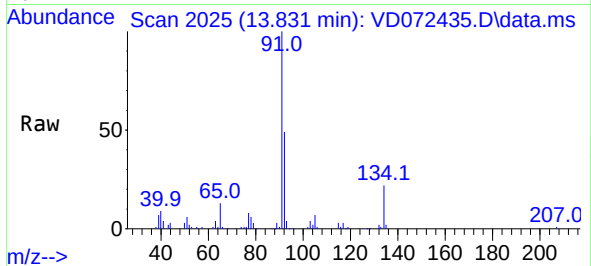
#89
n-Butylbenzene
Concen: 3.802 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 7628
Ion Ratio Lower Upper
91 100
92 50.1 26.6 79.8
134 24.2 12.3 36.9

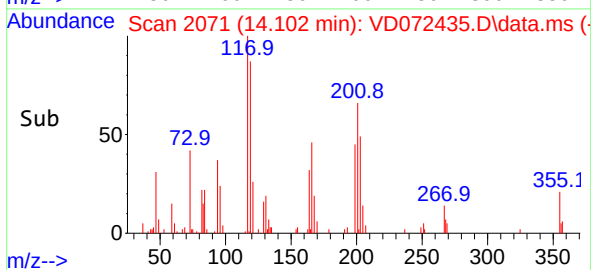
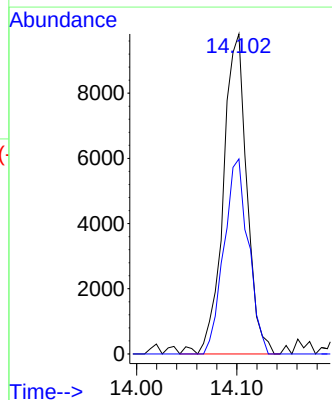
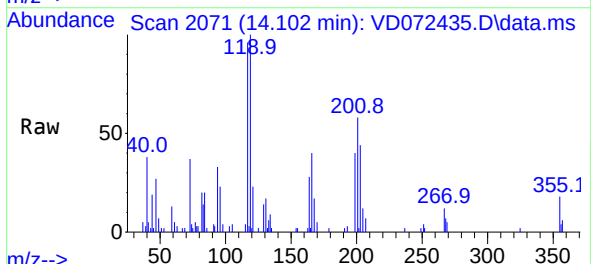
Manual Integrations
APPROVED

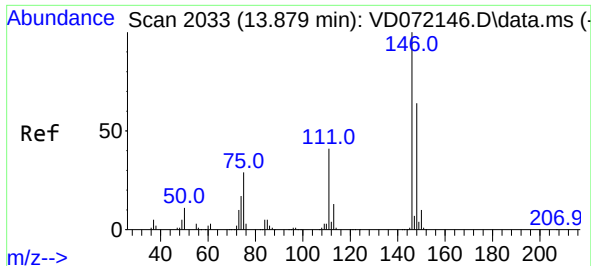
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#90
Hexachloroethane
Concen: 3.895 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:117 Resp: 16068
Ion Ratio Lower Upper
117 100
201 63.0 33.4 100.2





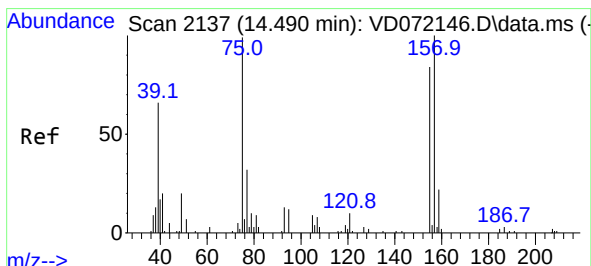
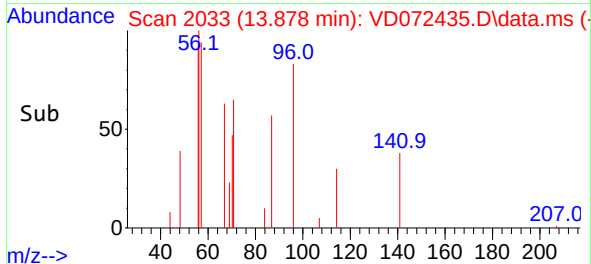
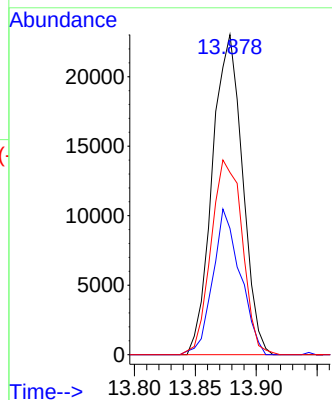
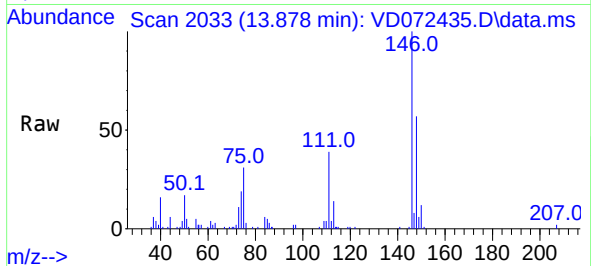
#91
1,2-Dichlorobenzene
Concen: 4.265 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion:146 Resp: 3966
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 63.1 31.7 95.1

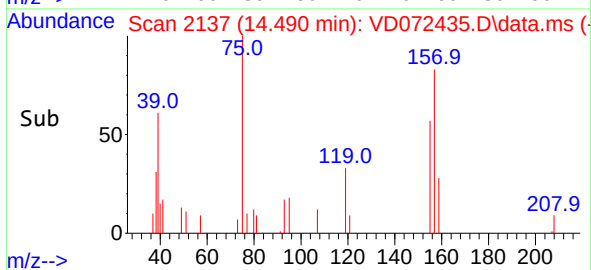
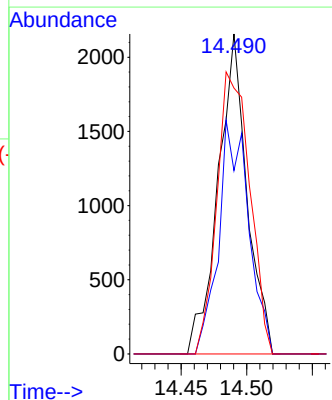
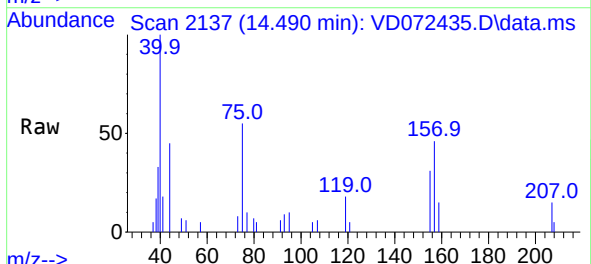
Manual Integrations
APPROVED

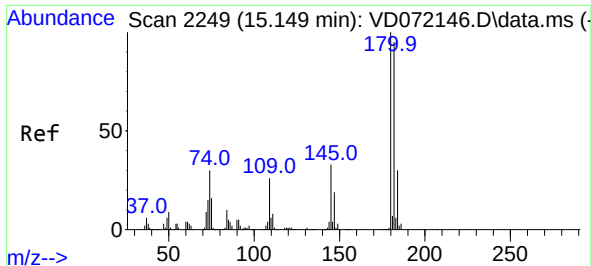
Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.134 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 75 Resp: 3314
Ion Ratio Lower Upper
75 100
155 75.2 36.8 110.3
157 100.1 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 3.795 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

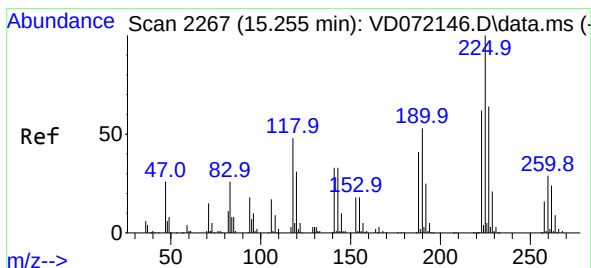
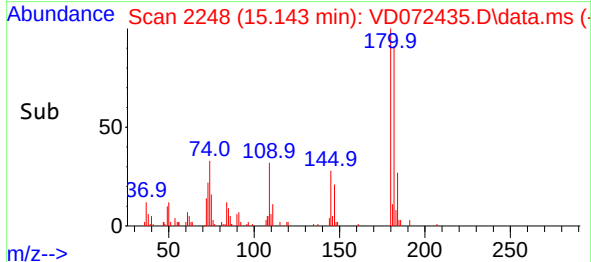
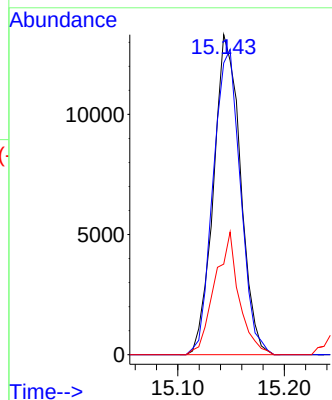
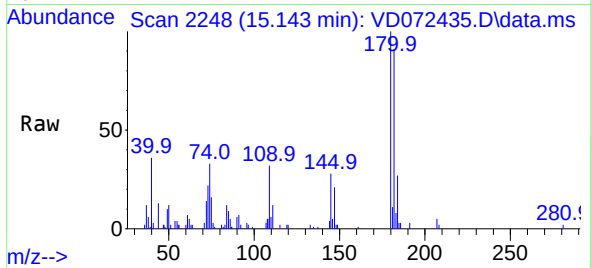
Tgt Ion:180 Resp: 23372

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	142.0
145	34.8	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#94

Hexachlorobutadiene

Concen: 3.666 ug/l

RT: 15.249 min Scan# 2266

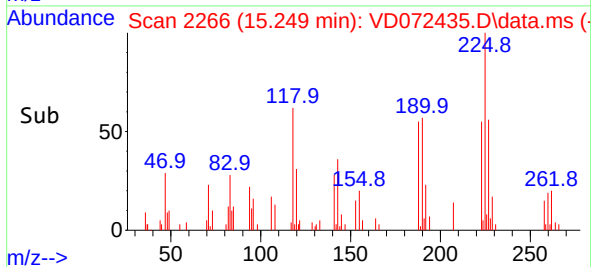
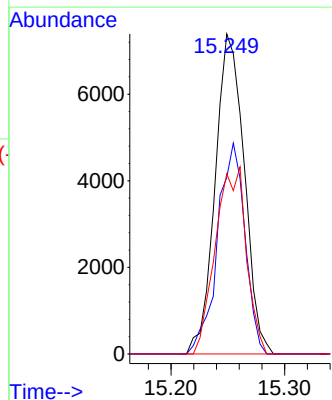
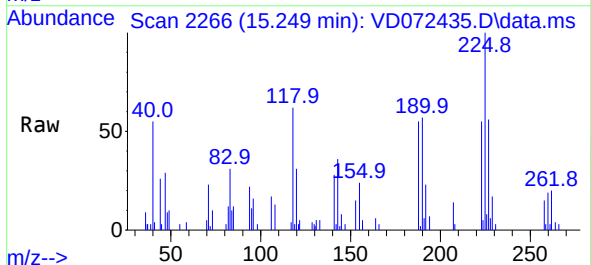
Delta R.T. -0.006 min

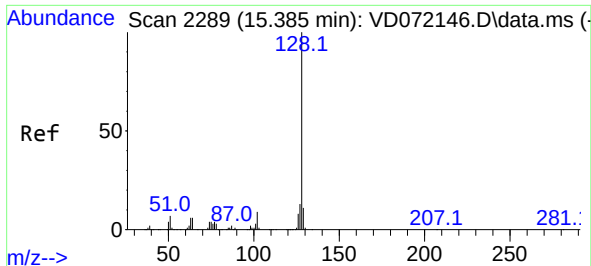
Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Tgt Ion:225 Resp: 13132

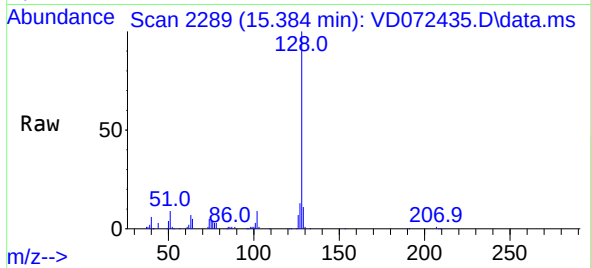
Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	61.8	32.4	97.0





#95
Naphthalene
Concen: 12.587 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

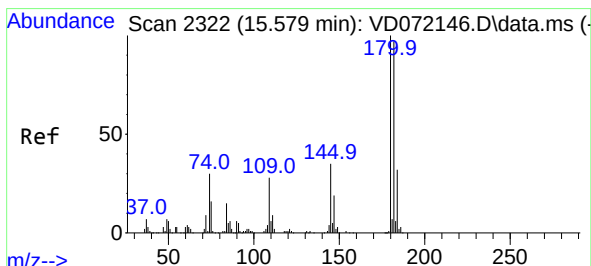
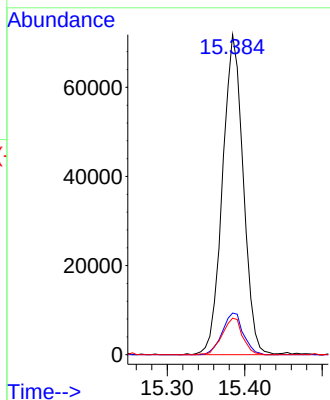
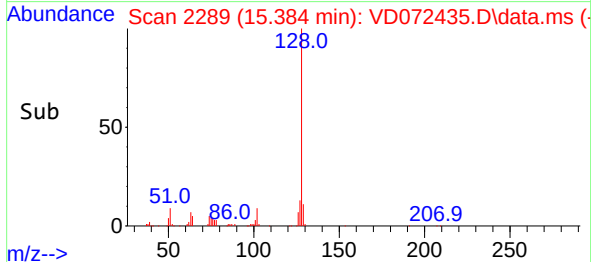
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:128 Resp: 133619
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
Supervised By :Semsettin Yesilyurt 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.245 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:180 Resp: 22626
Ion Ratio Lower Upper
180 100
182 92.6 47.6 142.9
145 33.2 17.1 51.3

