

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020697.D
 Acq On : 26 Oct 2021 13:28
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 27 06:07:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 06:07:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	106122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	164488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	148983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	78622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	58620	49.717	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.884	113	51390	47.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.540%		
50) Toluene-d8	10.323	98	193362	47.028	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.060%		
62) 4-Bromofluorobenzene	12.621	95	72288	47.959	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	405	1.448	ug/l	85
3) Chloromethane	2.215	50	2090	2.976	ug/l	98
4) Vinyl Chloride	2.355	62	2411	2.677	ug/l	97
5) Bromomethane	2.769	94	1705	3.185	ug/l	83
6) Chloroethane	2.910	64	951	2.376	ug/l #	82
7) Trichlorofluoromethane	3.251	101	1739	2.699	ug/l	90
8) Diethyl Ether	3.690	74	1431	2.784	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	3113	2.944	ug/l	99
10) Methyl Iodide	4.263	142	3301	2.514	ug/l	98
11) Tert butyl alcohol	5.177	59	994	13.765	ug/l #	84
12) 1,1-Dichloroethene	4.037	96	2704	2.738	ug/l	95
13) Acrolein	3.903	56	1167	18.054	ug/l	93
14) Allyl chloride	4.671	41	4430	2.778	ug/l	99
15) Acrylonitrile	5.372	53	3296	12.570	ug/l	97
16) Acetone	4.129	43	3956	13.729	ug/l	92
17) Carbon Disulfide	4.379	76	8015	2.792	ug/l	98
18) Methyl Acetate	4.677	43	2563	2.881	ug/l	93
19) Methyl tert-butyl Ether	5.427	73	4298	2.537	ug/l	98
20) Methylene Chloride	4.915	84	8863	6.102	ug/l	98
21) trans-1,2-Dichloroethene	5.415	96	3066	2.780	ug/l #	79
22) Diisopropyl ether	6.317	45	7996	2.563	ug/l #	92
23) Vinyl Acetate	6.263	43	21023	11.505	ug/l	97
24) 1,1-Dichloroethane	6.220	63	5809	2.912	ug/l	95
25) 2-Butanone	7.177	43	4214	11.719	ug/l	99
26) 2,2-Dichloropropane	7.165	77	3680	2.819	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	3304	2.811	ug/l	98
28) Bromochloromethane	7.512	49	2545	3.086	ug/l #	99
29) Tetrahydrofuran	7.537	42	2464	11.200	ug/l	99
30) Chloroform	7.677	83	6262	3.010	ug/l	96
31) Cyclohexane	7.951	56	7582	3.789	ug/l #	61
32) 1,1,1-Trichloroethane	7.872	97	5109	2.904	ug/l	99
36) 1,1-Dichloropropene	8.079	75	4737	2.674	ug/l	98
37) Ethyl Acetate	7.262	43	2017	2.461	ug/l #	74
38) Carbon Tetrachloride	8.067	117	4727	2.691	ug/l	96
39) Methylcyclohexane	9.335	83	5100	2.469	ug/l	87
40) Benzene	8.323	78	15754	3.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	996	2.086	ug/l #	70
42) 1,2-Dichloroethane	8.402	62	4136	2.650	ug/l	99
43) Isopropyl Acetate	8.433	43	3556	2.338	ug/l	94
44) Trichloroethene	9.091	130	3733	2.833	ug/l	95
45) 1,2-Dichloropropane	9.372	63	3089	2.658	ug/l	94
46) Dibromomethane	9.463	93	1668	2.555	ug/l	97
47) Bromodichloromethane	9.646	83	4156	2.583	ug/l	99
48) Methyl methacrylate	9.439	41	1597	2.182	ug/l	96
49) 1,4-Dioxane	9.457	88	399	45.985	ug/l #	92
51) 4-Methyl-2-Pentanone	10.213	43	8905	10.767	ug/l	98
52) Toluene	10.390	92	8683	2.851	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	4168	2.545	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	4727	2.548	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	2384	2.621	ug/l	91
56) Ethyl methacrylate	10.646	69	2538	2.170	ug/l	94
57) 1,3-Dichloropropane	10.932	76	4244	2.693	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.920	63	6298	11.949	ug/l	100
59) 2-Hexanone	10.969	43	6131	10.477	ug/l	96
60) Dibromochloromethane	11.128	129	2726	2.542	ug/l	100
61) 1,2-Dibromoethane	11.237	107	2279	2.589	ug/l	98
64) Tetrachloroethene	10.865	164	3444	2.977	ug/l	89
65) Chlorobenzene	11.658	112	9423	2.938	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	2912	2.505	ug/l	93
67) Ethyl Benzene	11.731	91	15169	2.612	ug/l	99
68) m/p-Xylenes	11.841	106	11521	5.131	ug/l	98
69) o-Xylene	12.164	106	5010	2.421	ug/l	98
70) Styrene	12.182	104	8331	2.350	ug/l	99
71) Bromoform	12.353	173	1651	2.422	ug/l #	98
73) Isopropylbenzene	12.463	105	14359	2.535	ug/l	99
74) N-amyl acetate	12.274	43	3012	2.191	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	2839	2.676	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	1971m	2.263	ug/l	
77) Bromobenzene	12.749	156	4029	2.966	ug/l	98
78) n-propylbenzene	12.804	91	19223	2.764	ug/l	97
79) 2-Chlorotoluene	12.889	91	11143	2.785	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	12835	2.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	760m	2.241	ug/l	
82) 4-Chlorotoluene	12.987	91	11546	2.743	ug/l	99
83) tert-Butylbenzene	13.206	119	10795	2.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	12281	2.534	ug/l	97
85) sec-Butylbenzene	13.383	105	16712	2.637	ug/l	100
86) p-Isopropyltoluene	13.499	119	13983	2.594	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	8250	2.951	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	8349	2.991	ug/l	88
89) n-Butylbenzene	13.822	91	13478	2.696	ug/l	97
90) Hexachloroethane	14.090	117	2741	2.913	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	7157	2.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	488	2.548	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	5145	3.124	ug/l	96
94) Hexachlorobutadiene	15.230	225	3211	3.011	ug/l	95
95) Naphthalene	15.365	128	7252	2.472	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	4699	3.151	ug/l	94

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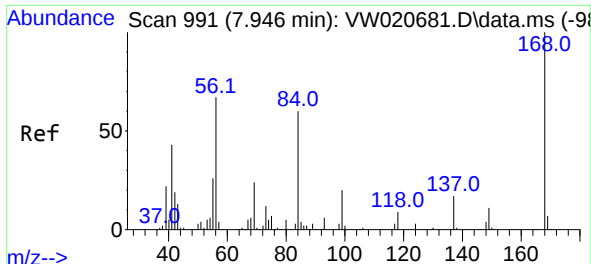
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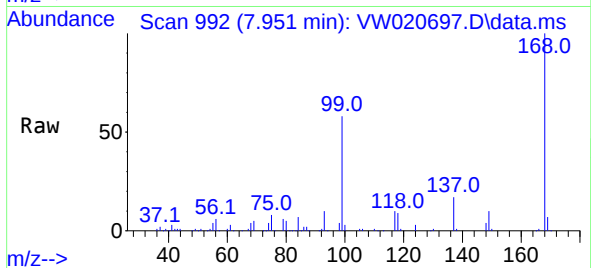
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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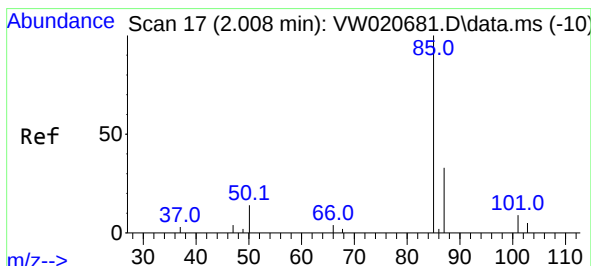
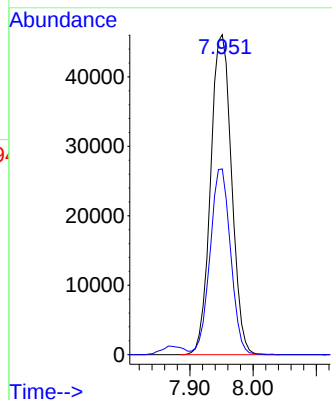
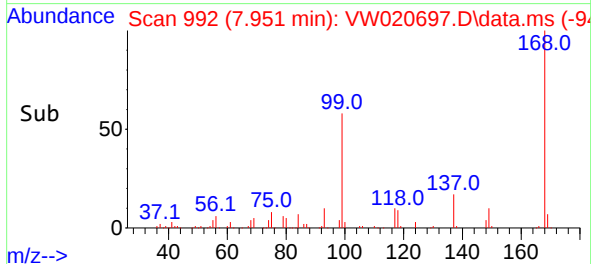
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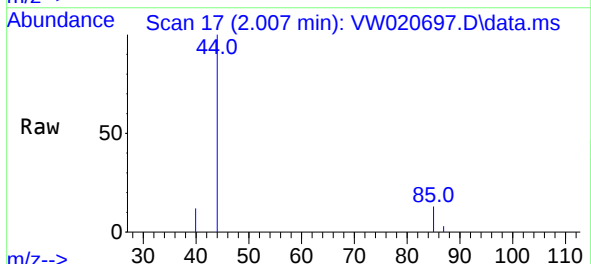
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.005 min
Lab File: VW020697.D
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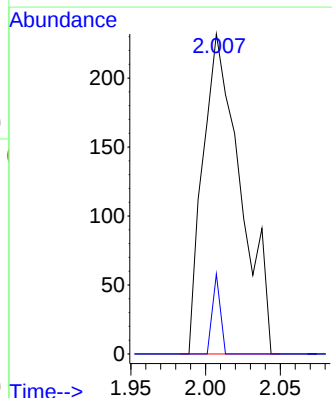
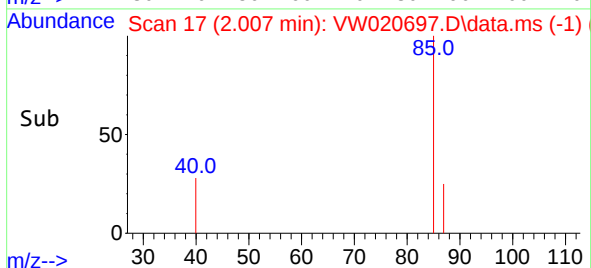
Tgt Ion: 168 Resp: 106122
Ion Ratio Lower Upper
168 100
99 58.1 45.4 68.0



#2
Dichlorodifluoromethane
Concen: 1.448 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



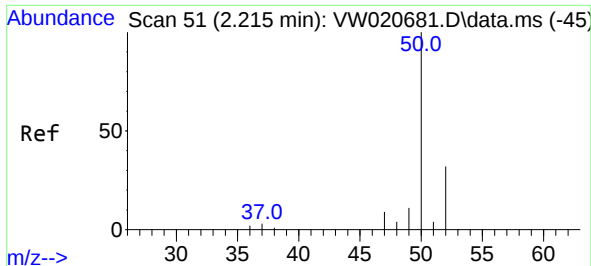
Tgt Ion: 85 Resp: 405
Ion Ratio Lower Upper
85 100
87 25.0 16.7 50.0



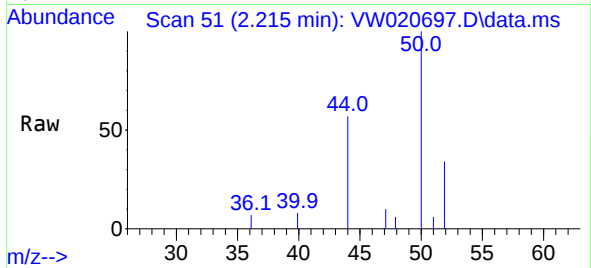
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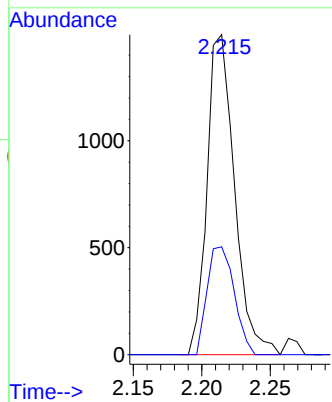
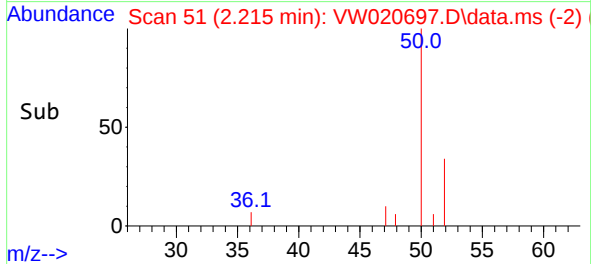
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#3
Chloromethane
Concen: 2.976 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020697.D
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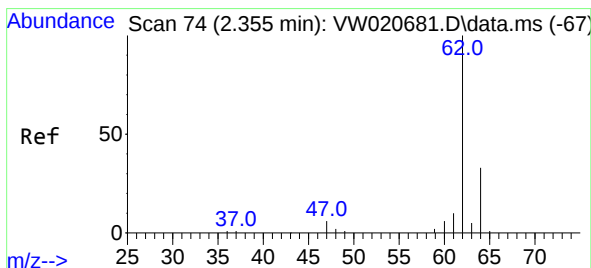
Tgt Ion: 50 Resp: 2090
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



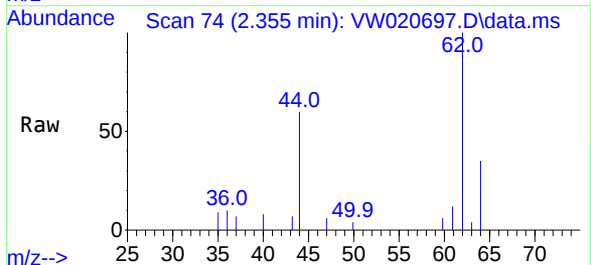
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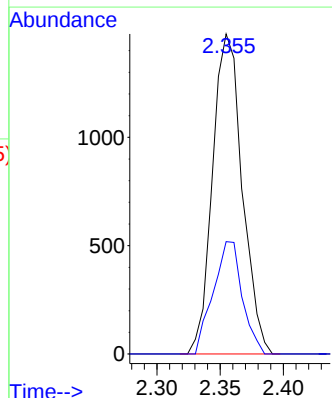
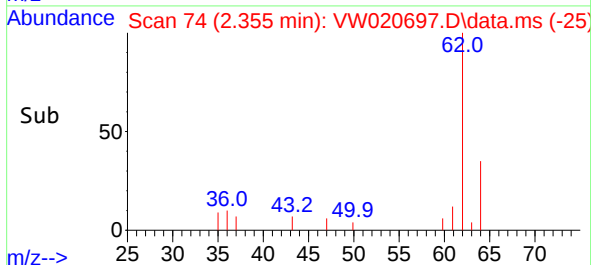
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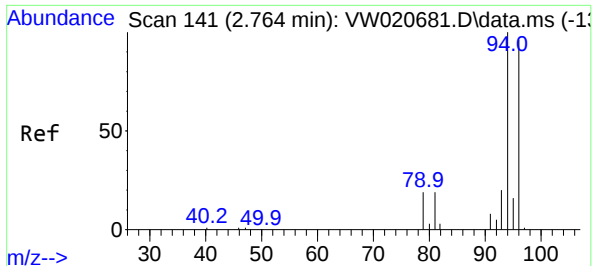


#4
Vinyl Chloride
Concen: 2.677 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



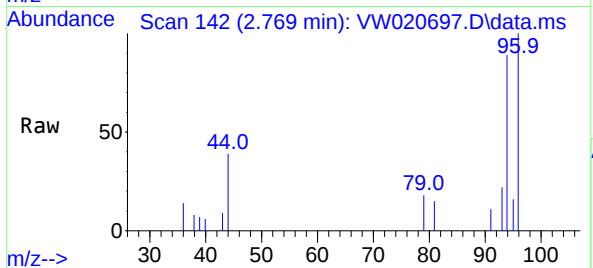
Tgt Ion: 62 Resp: 2411
Ion Ratio Lower Upper
62 100
64 35.1 26.6 40.0





#5
Bromomethane
Concen: 3.185 ug/l
RT: 2.769 min Scan# 142
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

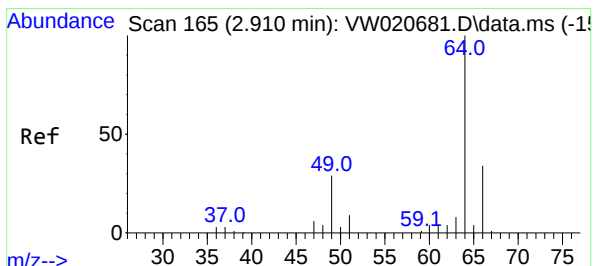
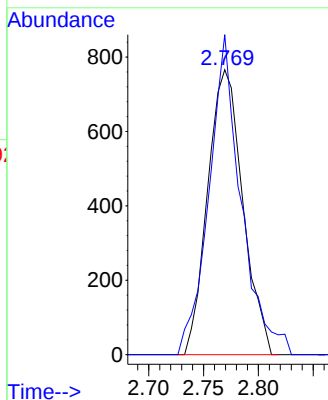
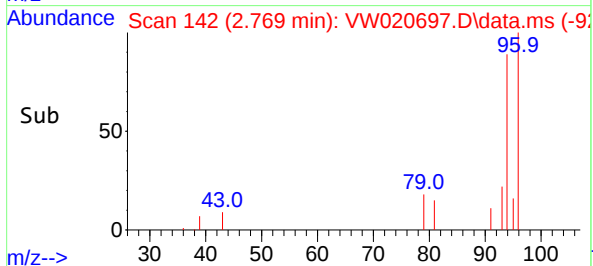
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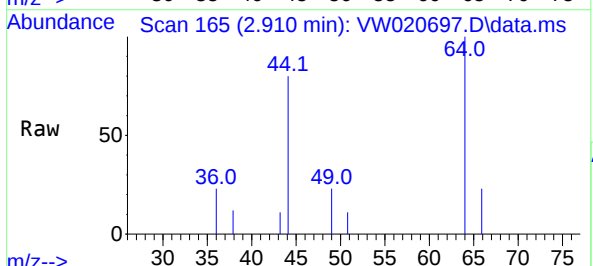
Tgt Ion: 94 Resp: 1705
Ion Ratio Lower Upper
94 100
96 112.3 76.7 115.1

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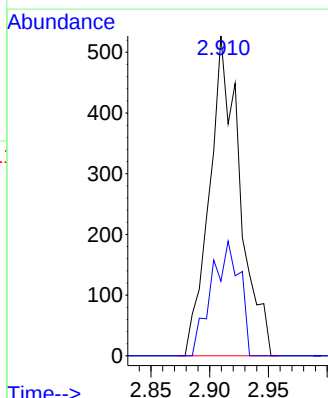
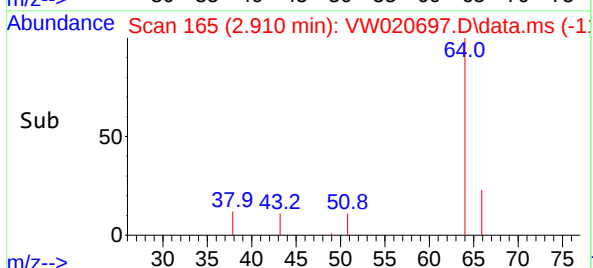
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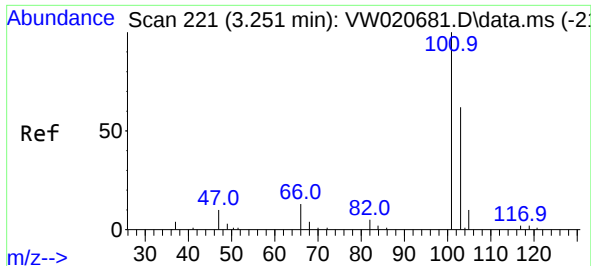


#6
Chloroethane
Concen: 2.376 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 64 Resp: 951
Ion Ratio Lower Upper
64 100
66 23.3 27.0 40.4#





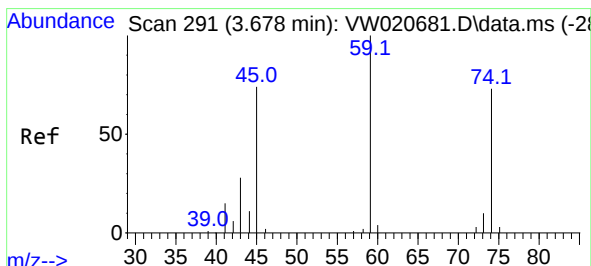
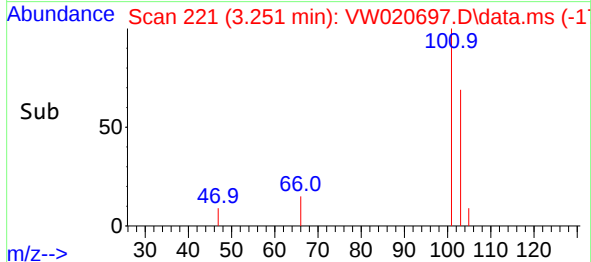
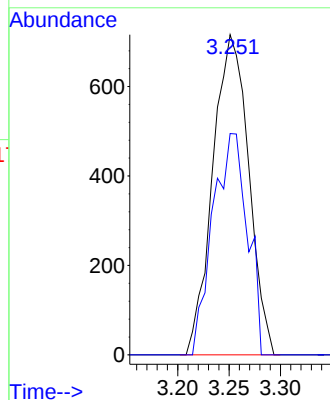
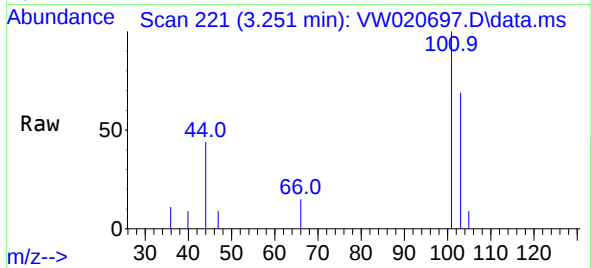
#7
Trichlorofluoromethane
Concen: 2.699 ug/l
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 101 Resp: 1739
Ion Ratio Lower Upper
101 100
103 69.1 49.4 74.0

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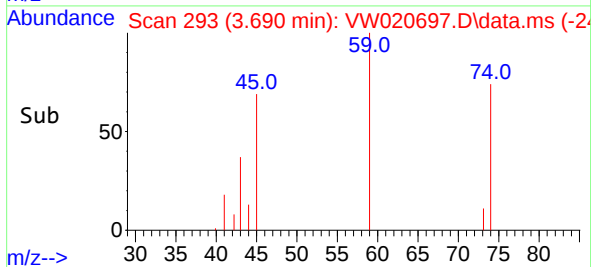
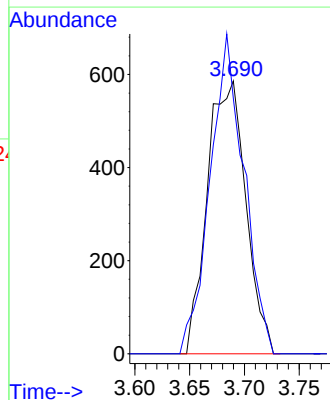
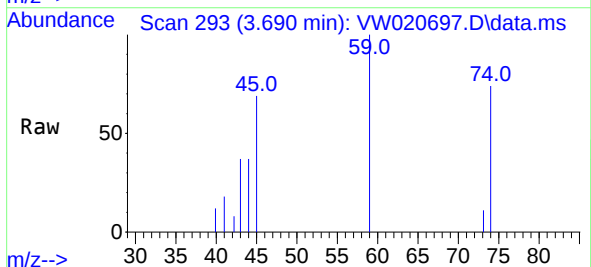
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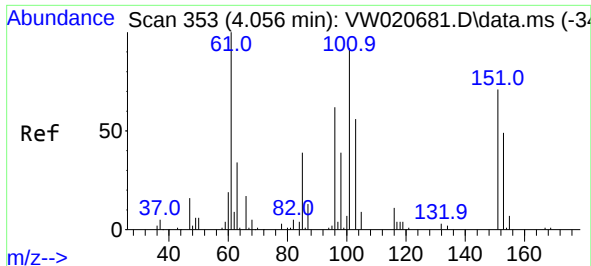
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#8
Diethyl Ether
Concen: 2.784 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.012 min
Lab File: VW020697.D
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Tgt Ion: 74 Resp: 1431
Ion Ratio Lower Upper
74 100
45 103.0 50.0 150.1





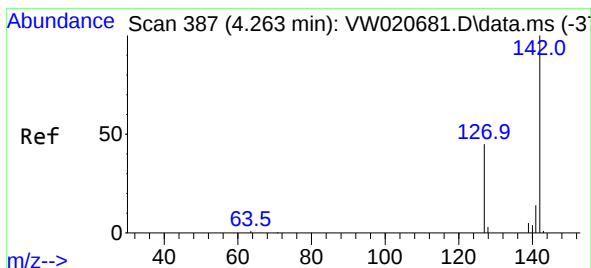
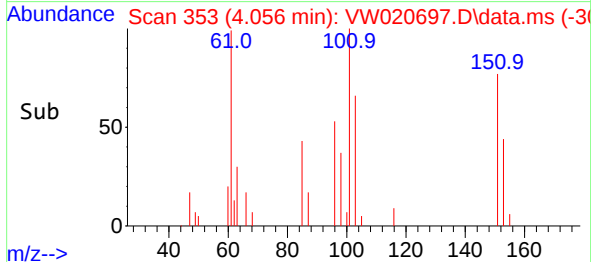
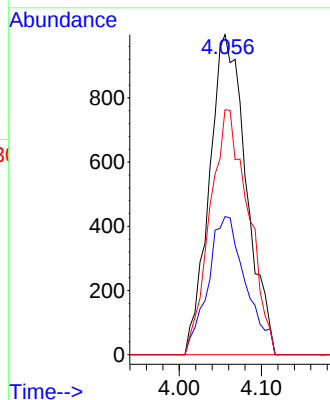
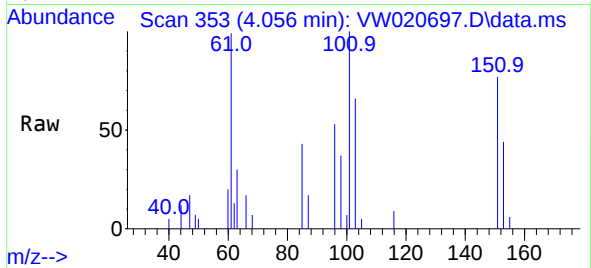
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.944 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:	101	Resp:	3113
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.9	52.3
151	79.2	64.5	96.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

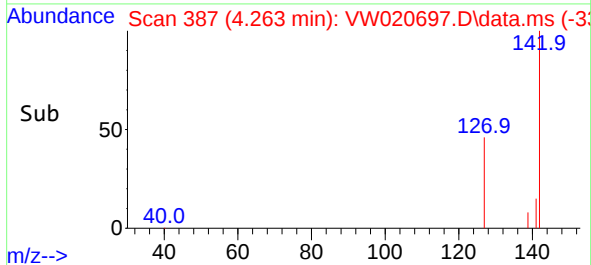
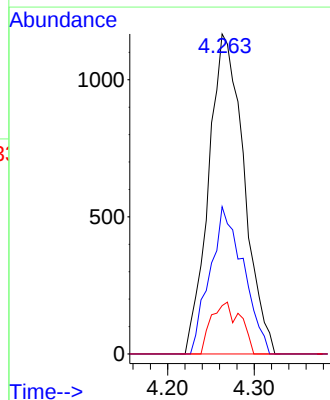
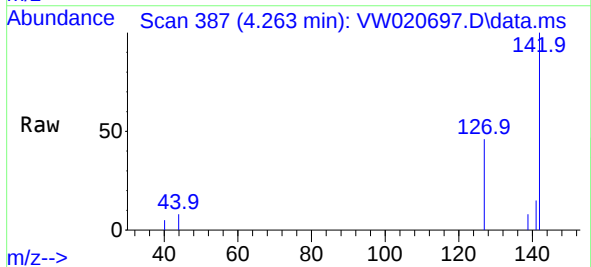
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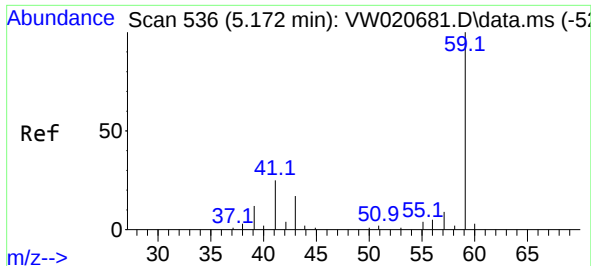
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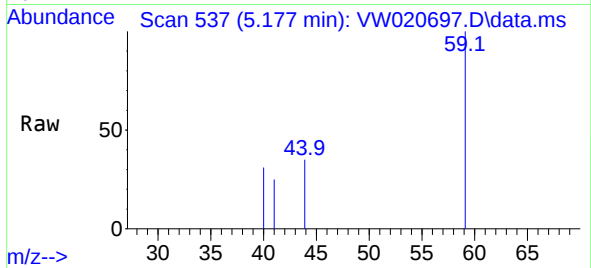
#10
Methyl Iodide
Concen: 2.514 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:	142	Resp:	3301
Ion	Ratio	Lower	Upper
142	100		
127	43.6	35.8	53.6
141	13.3	11.8	17.6

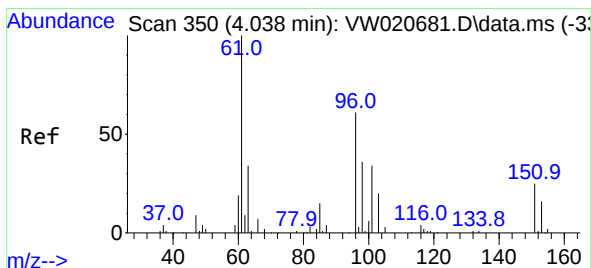
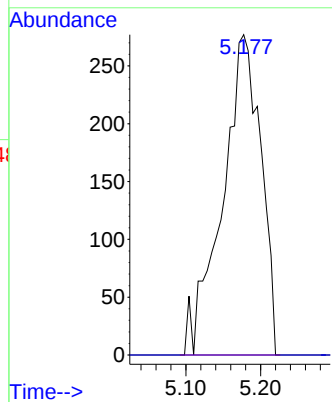
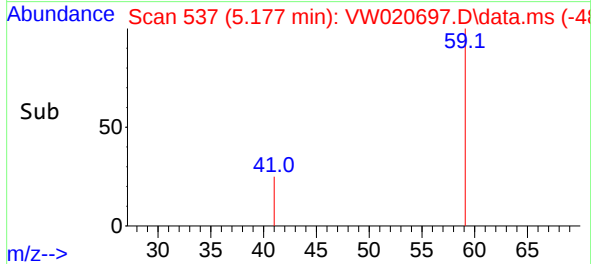




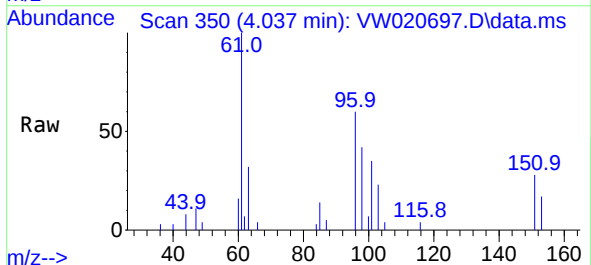
#11
Tert butyl alcohol
Concen: 13.765 ug/l
RT: 5.177 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



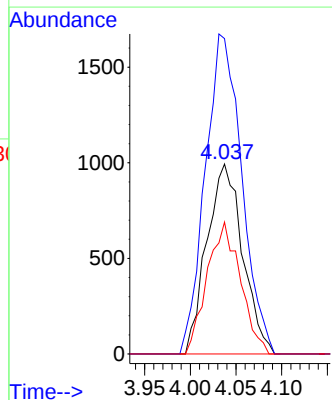
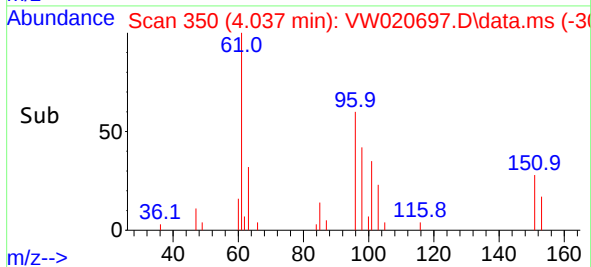
Tgt Ion: 59 Resp: 994
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#



#12
1,1-Dichloroethene
Concen: 2.738 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



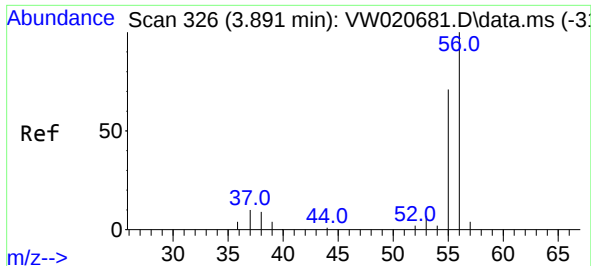
Tgt Ion: 96 Resp: 2704
Ion Ratio Lower Upper
96 100
61 166.0 131.0 196.6
98 69.4 47.8 71.6



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

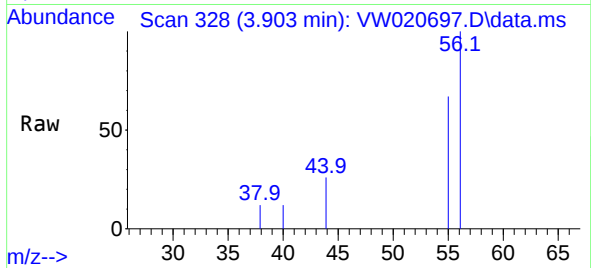
Manual Integrations
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#13
Acrolein
Concen: 18.054 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.012 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

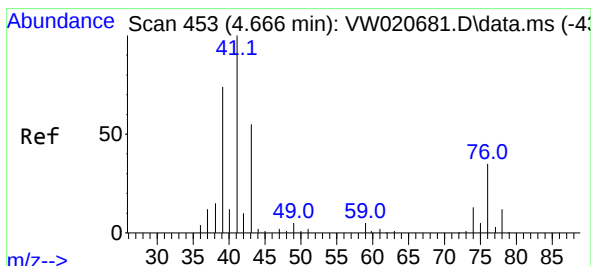
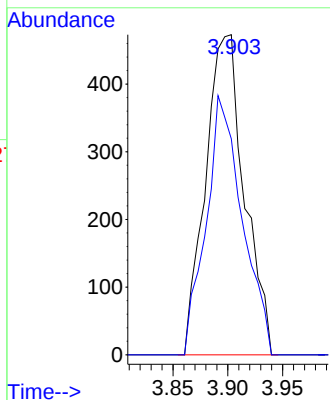
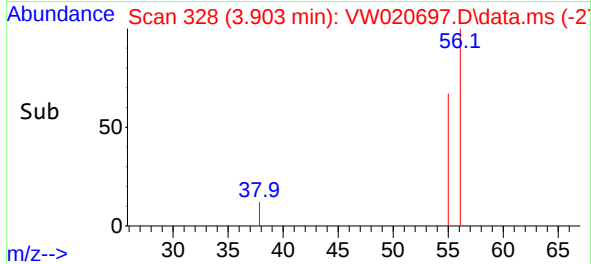
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



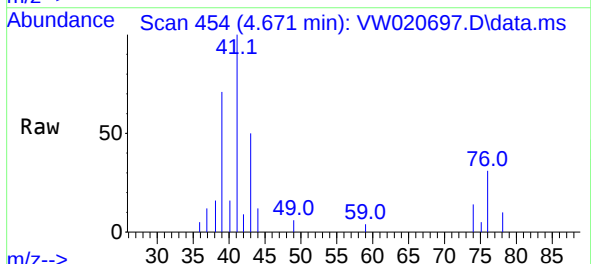
Tgt Ion: 56 Resp: 1167
Ion Ratio Lower Upper
56 100
55 75.1 55.5 83.3

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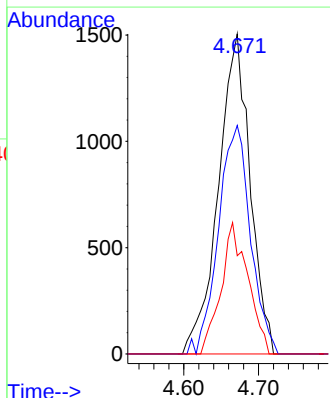
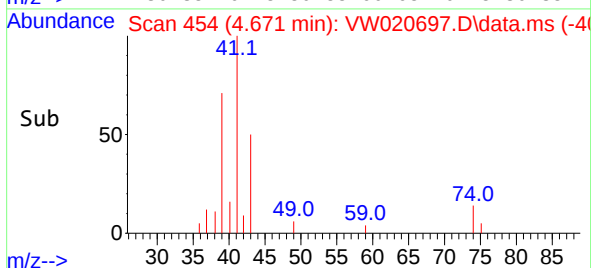
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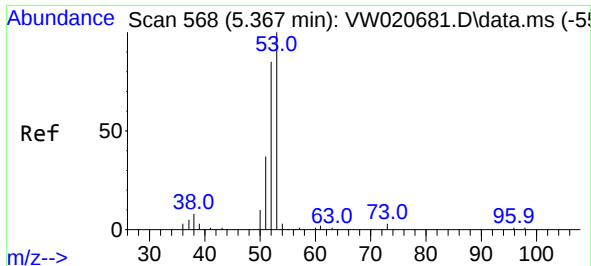


#14
Allyl chloride
Concen: 2.778 ug/l
RT: 4.671 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

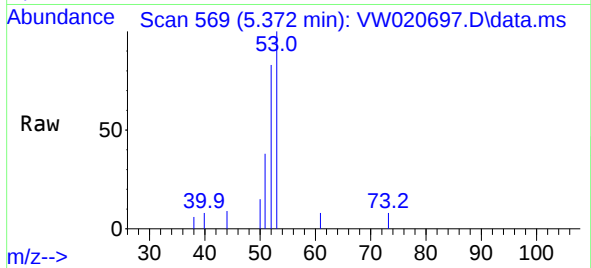


Tgt Ion: 41 Resp: 4430
Ion Ratio Lower Upper
41 100
39 72.3 57.1 85.7
76 35.0 27.1 40.7

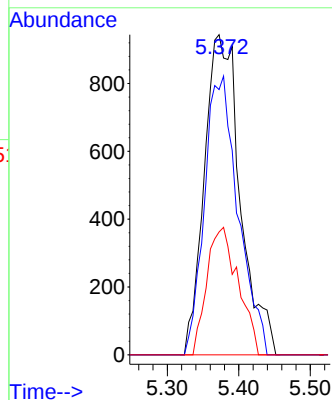




#15
Acrylonitrile
Concen: 12.570 ug/l
RT: 5.372 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



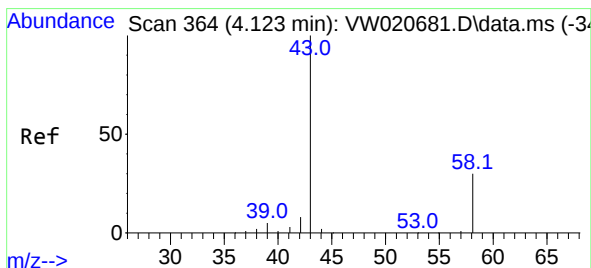
Tgt Ion:	53	Resp:	3296
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.8	100.2
51	34.6	30.1	45.1



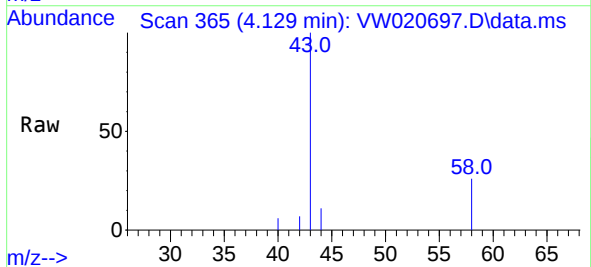
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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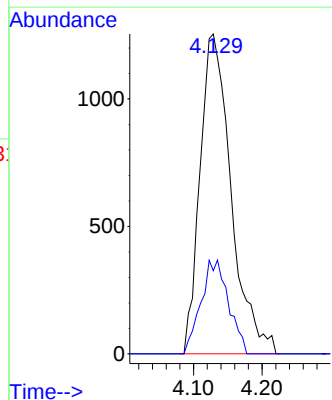
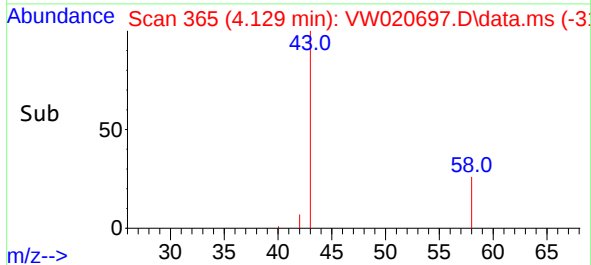
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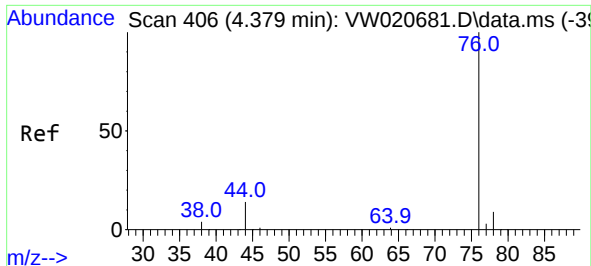


#16
Acetone
Concen: 13.729 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



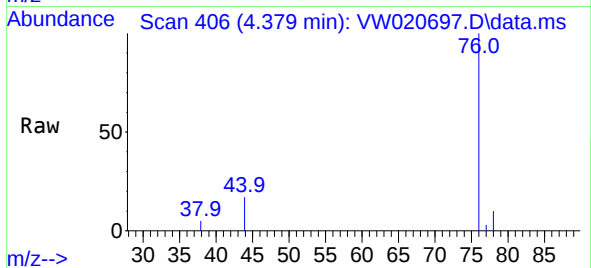
Tgt Ion:	43	Resp:	3956
Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.2	36.2



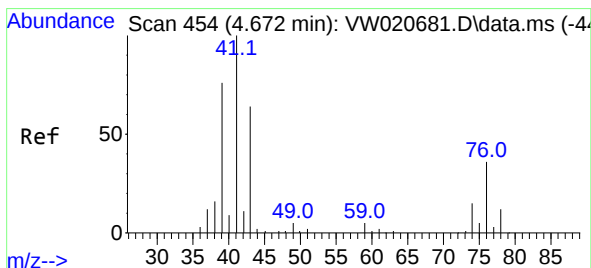
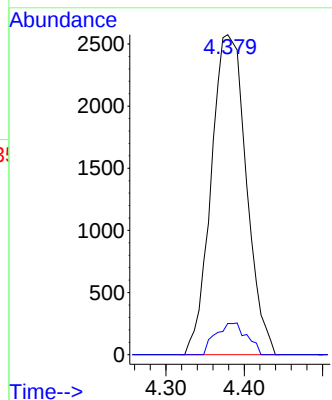
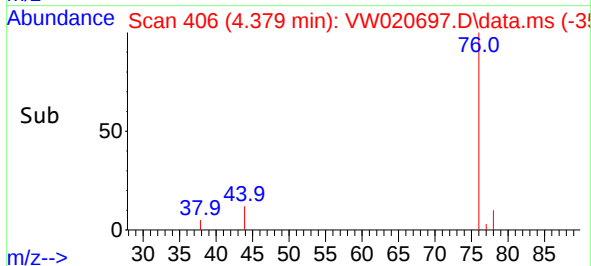


#17
Carbon Disulfide
Concen: 2.792 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

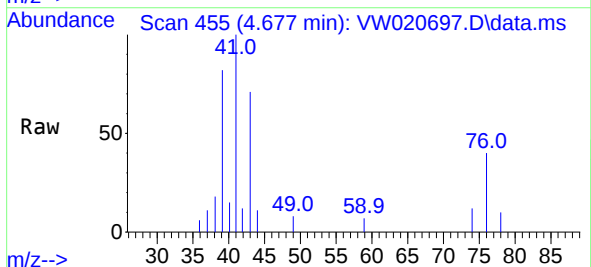
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



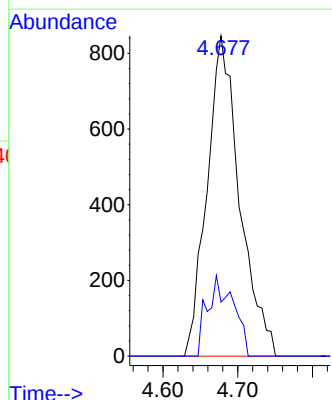
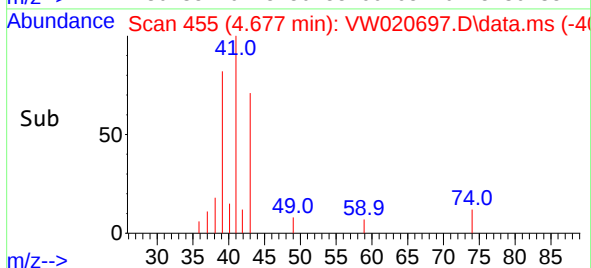
Tgt Ion: 76 Resp: 8015
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

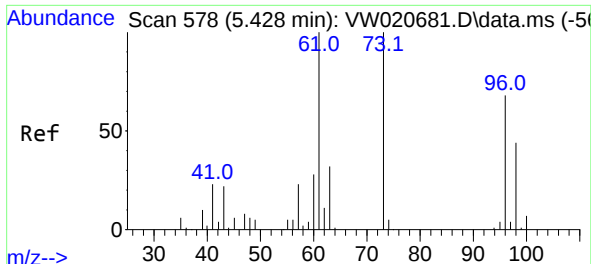


#18
Methyl Acetate
Concen: 2.881 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
74 19.9 18.7 28.1





#19

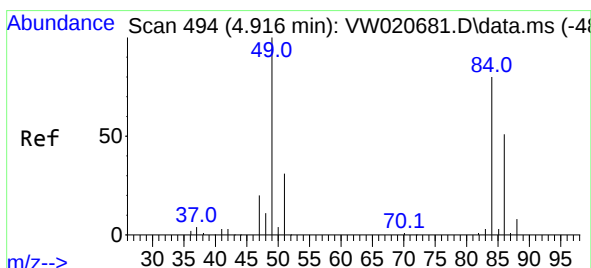
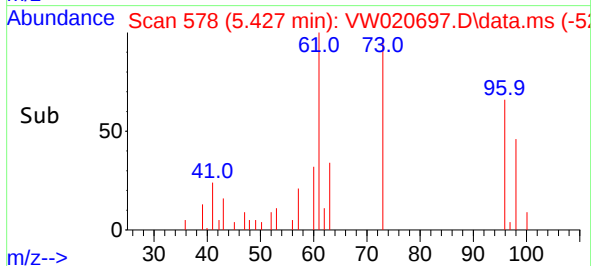
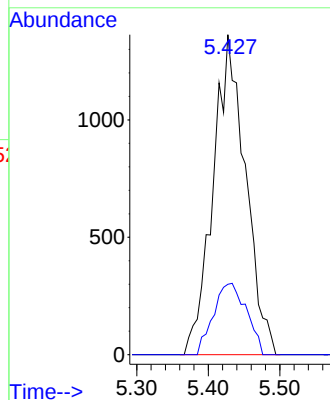
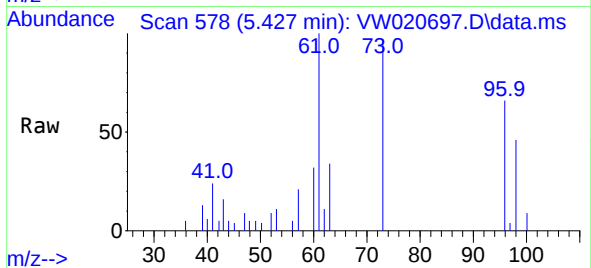
Methyl tert-butyl Ether
Concen: 2.537 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 73 Resp: 4298
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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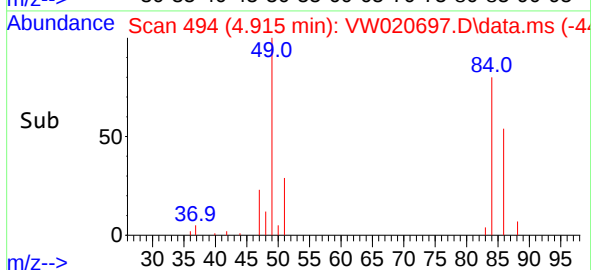
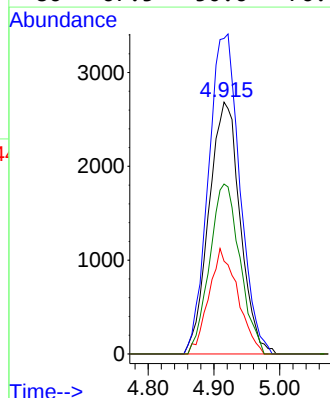
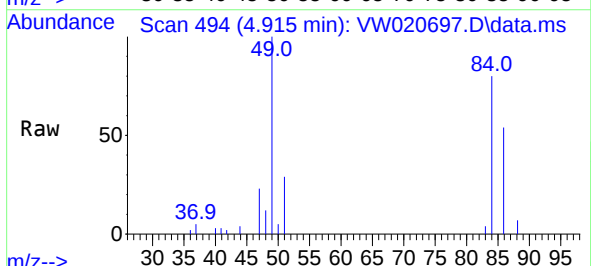
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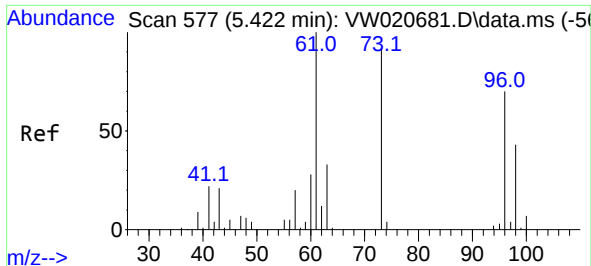


#20

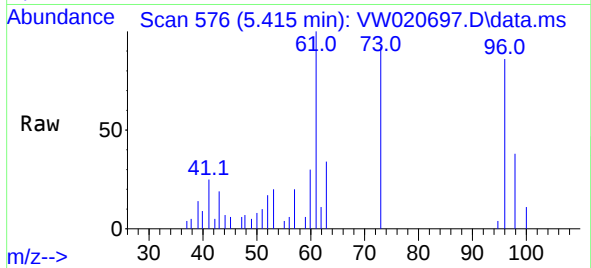
Methylene Chloride
Concen: 6.102 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 84 Resp: 8863
Ion Ratio Lower Upper
84 100
49 125.3 100.0 150.0
51 36.9 30.8 46.2
86 67.5 50.6 76.0

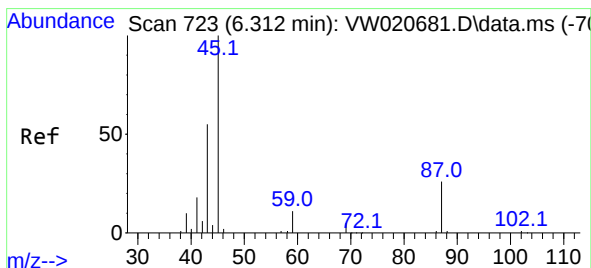
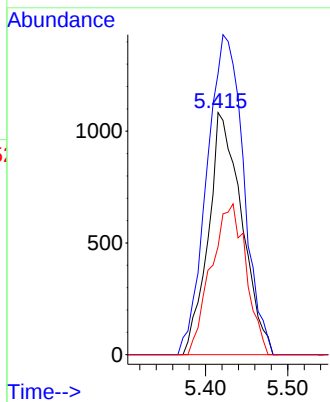
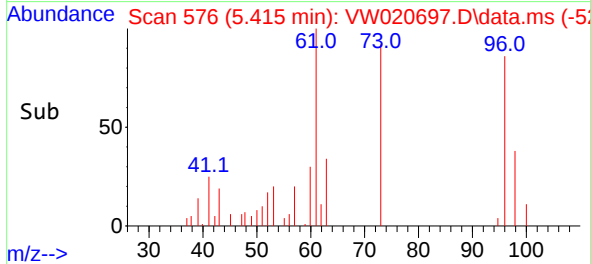




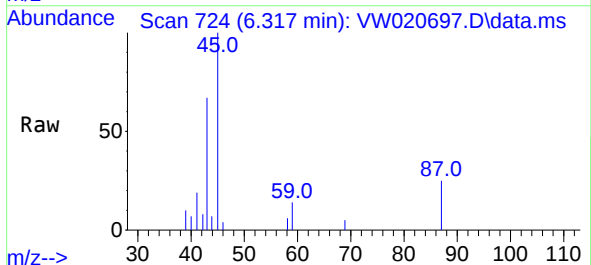
#21
trans-1,2-Dichloroethene
Concen: 2.780 ug/l
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



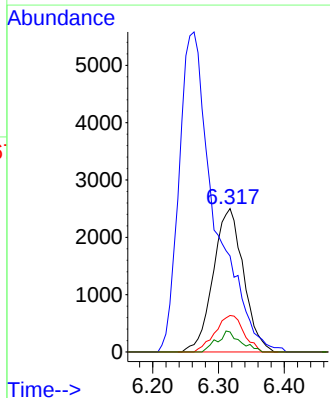
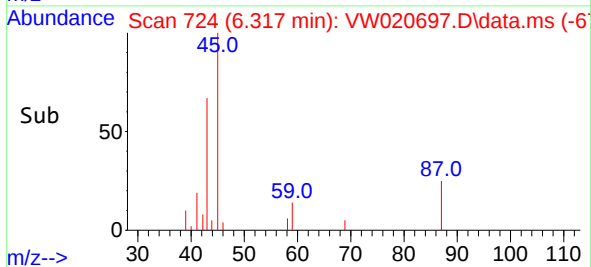
Tgt Ion: 96 Resp: 3066
Ion Ratio Lower Upper
96 100
61 116.1 113.5 170.3
98 44.6 48.6 72.8#



#22
Diisopropyl ether
Concen: 2.563 ug/l
RT: 6.317 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



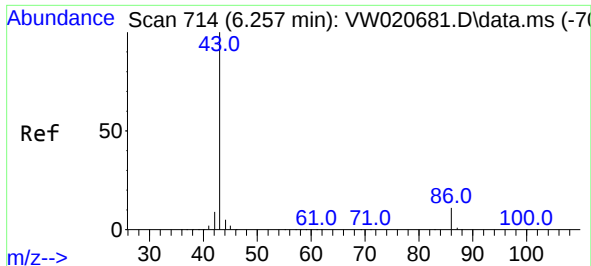
Tgt Ion: 45 Resp: 7996
Ion Ratio Lower Upper
45 100
43 64.0 45.1 67.7
87 25.4 21.2 31.8
59 14.0 9.2 13.8#



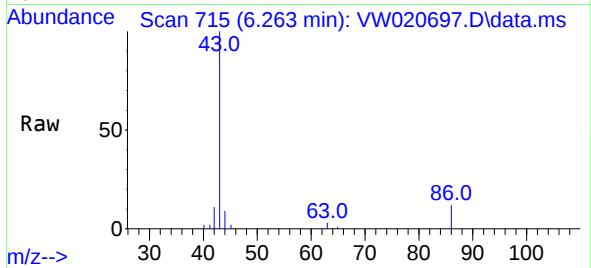
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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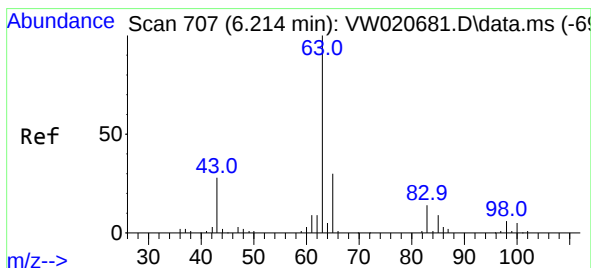
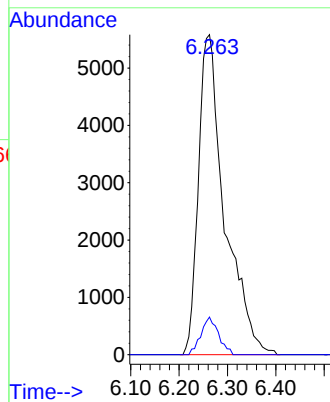
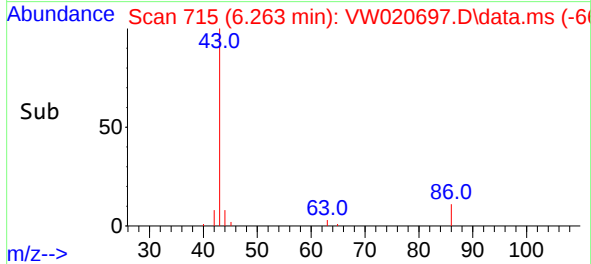
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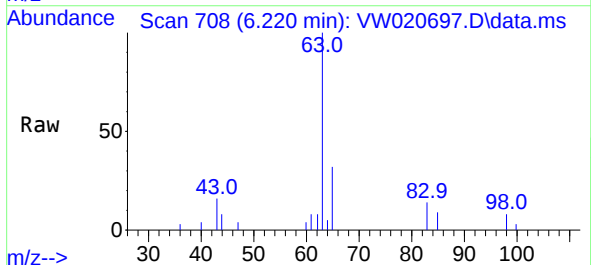
#23
 Vinyl Acetate
 Concen: 11.505 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020697.D
 Acq: 26 Oct 2021 13:28



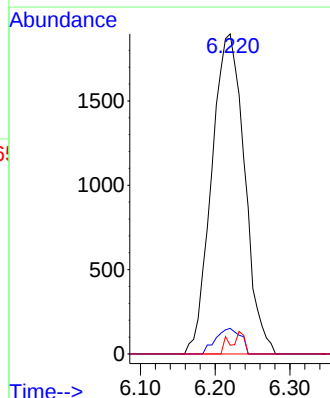
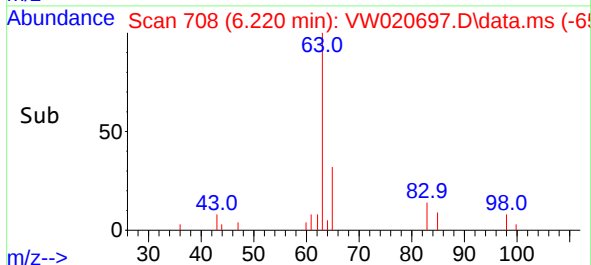
Tgt Ion: 43 Resp: 21023
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 2.912 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020697.D
 Acq: 26 Oct 2021 13:28



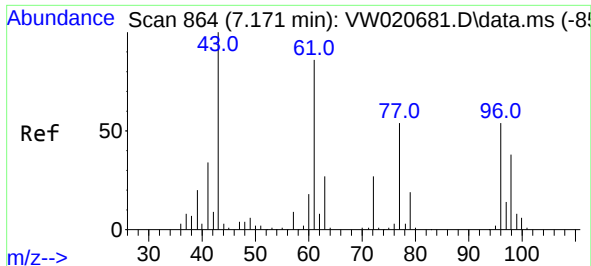
Tgt Ion: 63 Resp: 5809
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.2 9.6
 100 2.7 2.3 6.8



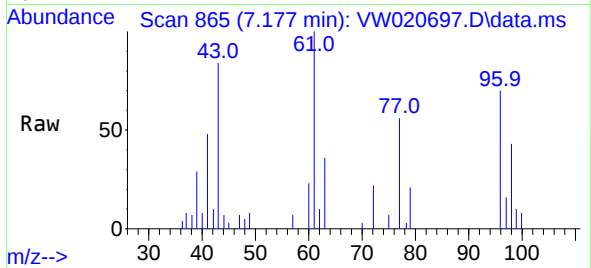
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

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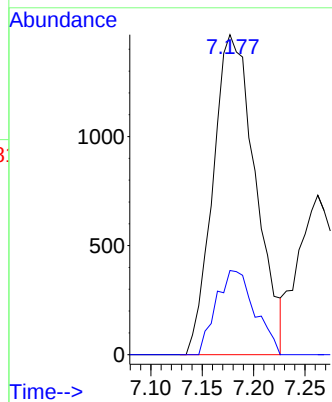
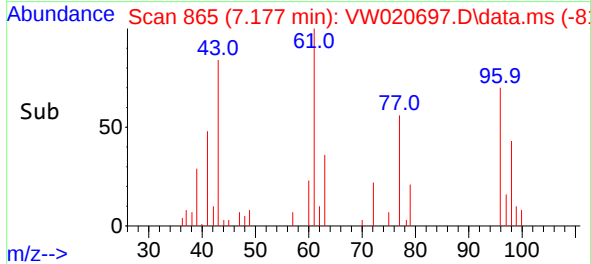
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#25
2-Butanone
Concen: 11.719 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



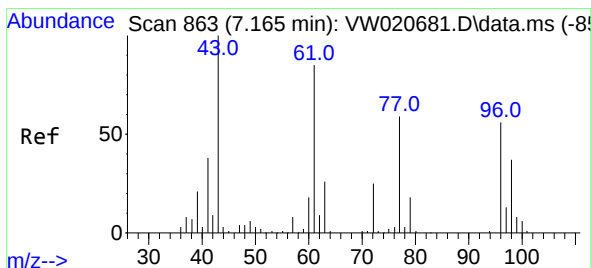
Tgt Ion: 43 Resp: 4214
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0



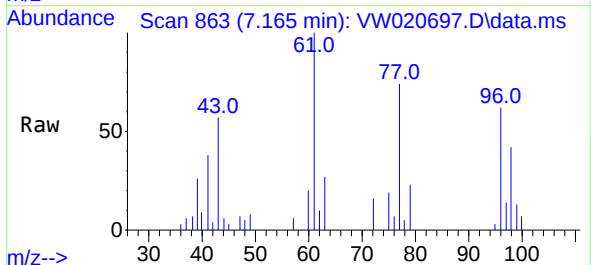
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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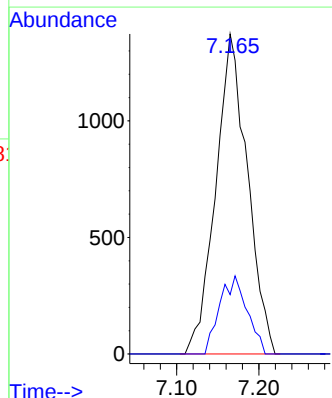
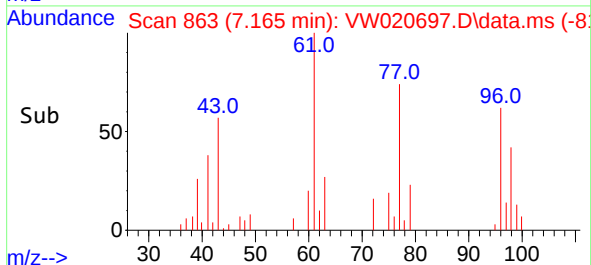
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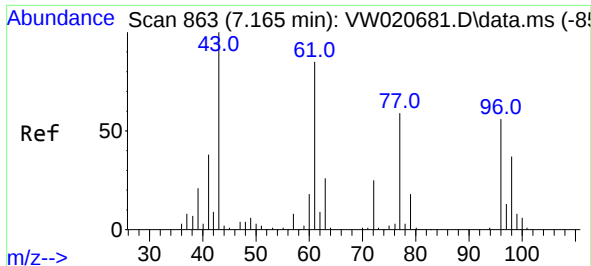


#26
2,2-Dichloropropane
Concen: 2.819 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 77 Resp: 3680
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.2





#27

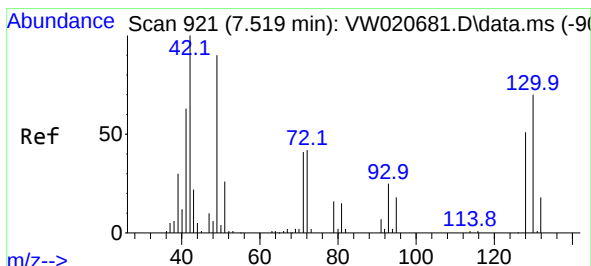
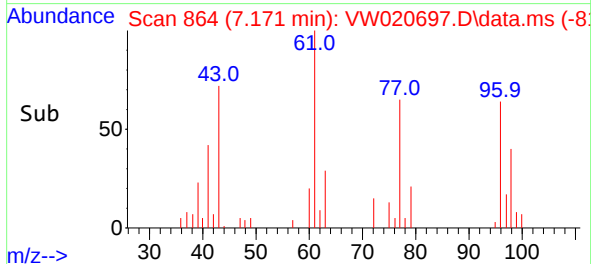
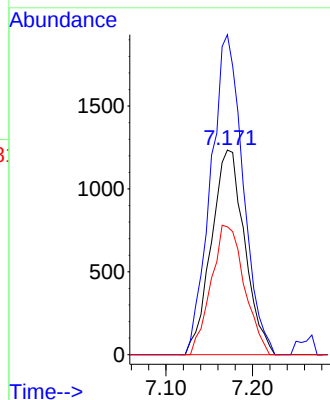
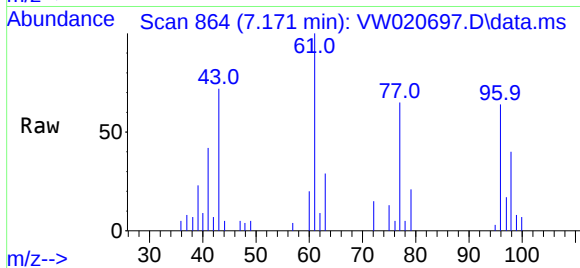
cis-1,2-Dichloroethene
Concen: 2.811 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 96	Resp: 3304		
Ion Ratio	Lower	Upper	
96	100		
61	151.8	0.0	298.0
98	62.8	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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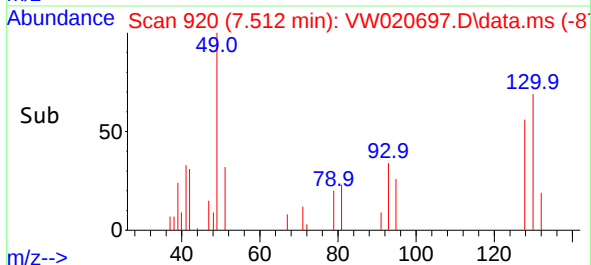
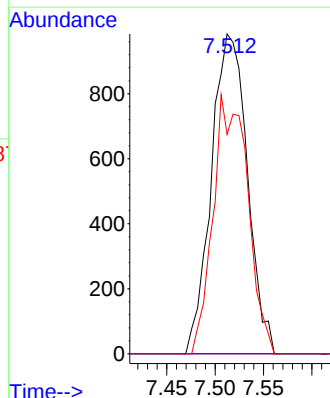
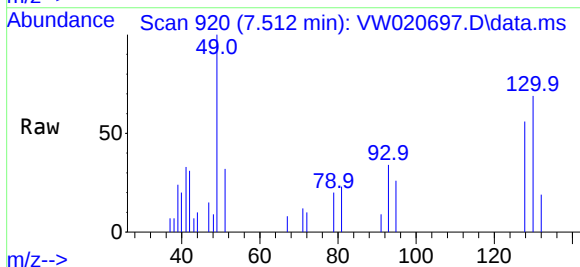
MMDadoda
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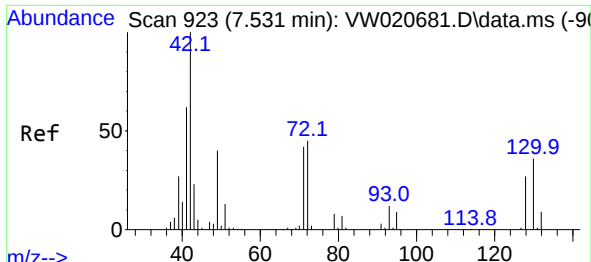


#28

Bromochloromethane
Concen: 3.086 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 49	Resp: 2545		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	0.0	
130 77.5	63.0	94.6	





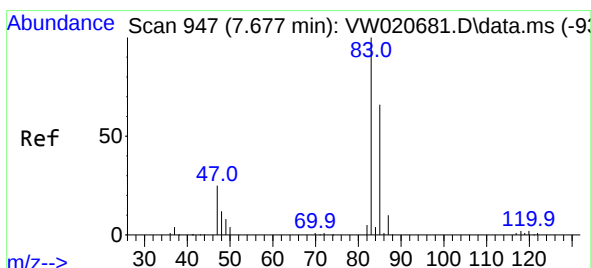
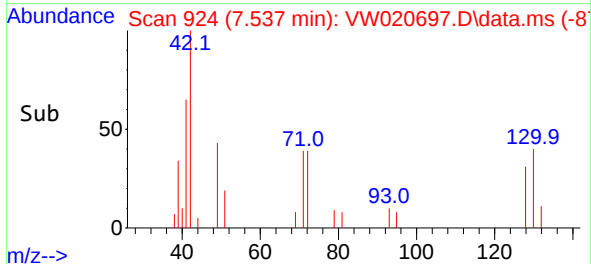
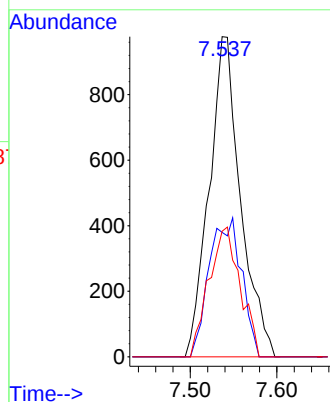
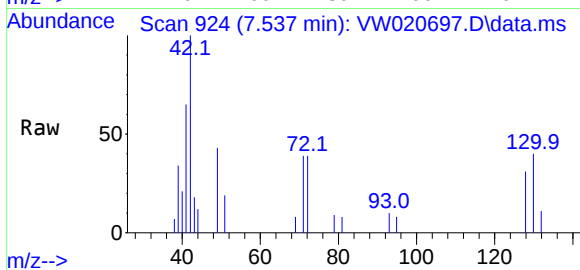
#29
Tetrahydrofuran
Concen: 11.200 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:	42	Resp:	2464
Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.0	52.6
71	40.2	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

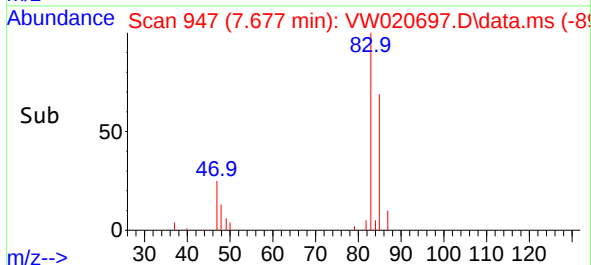
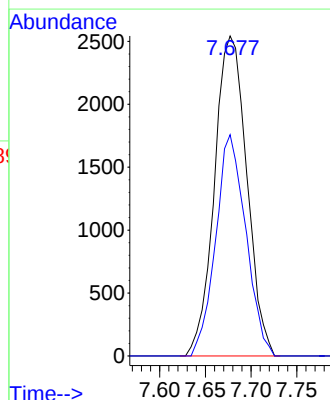
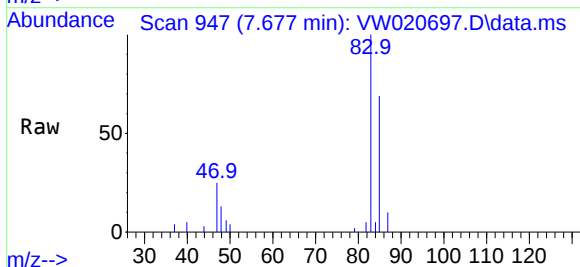
Manual Integrations
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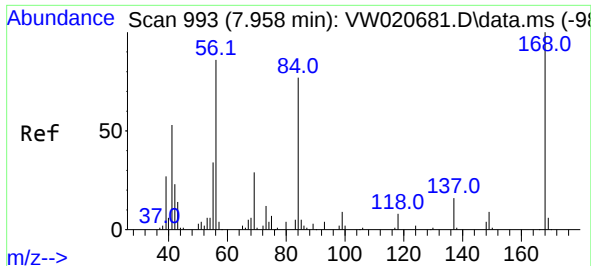
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#30
Chloroform
Concen: 3.010 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

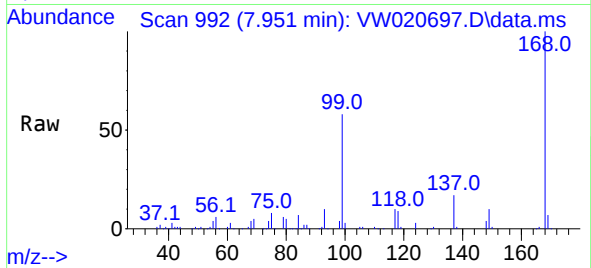
Tgt Ion:	83	Resp:	6262
Ion	Ratio	Lower	Upper
83	100		
85	69.2	52.9	79.3





#31
Cyclohexane
Concen: 3.789 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

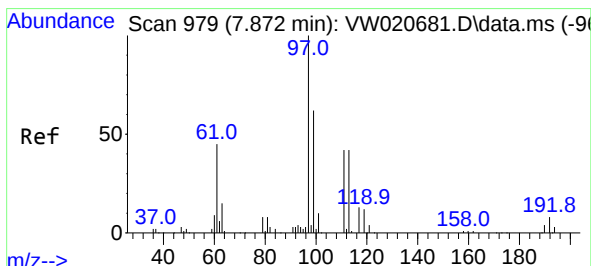
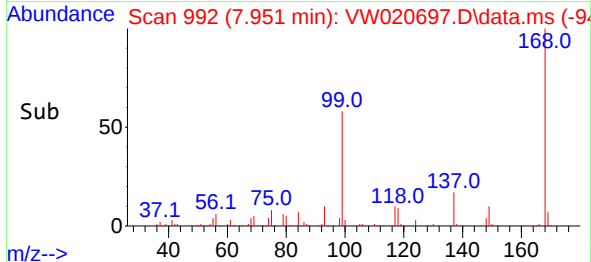
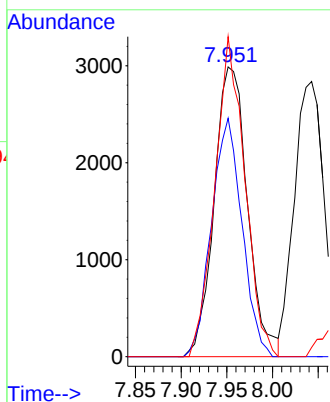
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



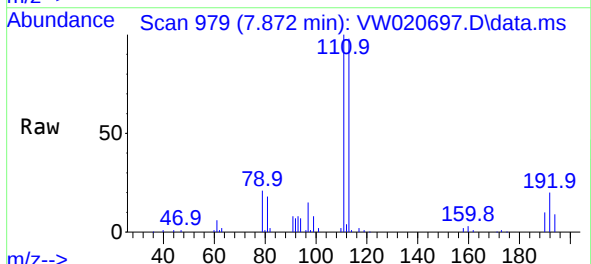
Tgt Ion: 56 Resp: 7582
Ion Ratio Lower Upper
56 100
69 82.3 27.2 40.8#
84 110.4 71.8 107.6#

Manual Integrations
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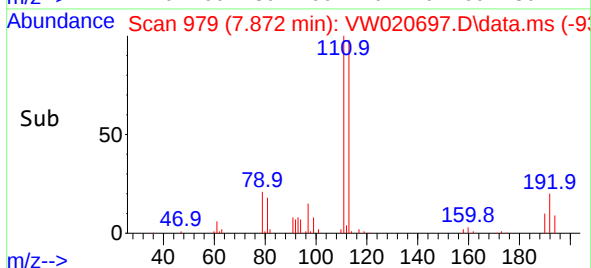
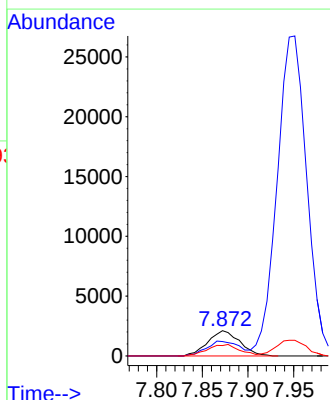
MMDadoda
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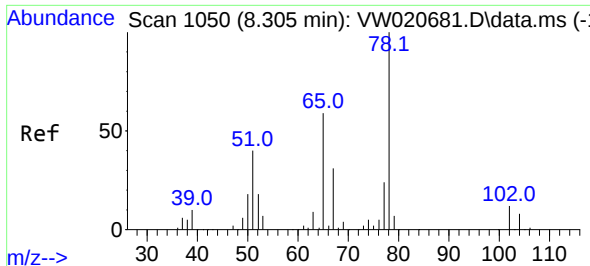


#32
1,1,1-Trichloroethane
Concen: 2.904 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 97 Resp: 5109
Ion Ratio Lower Upper
97 100
99 62.0 50.6 75.8
61 45.5 36.6 55.0





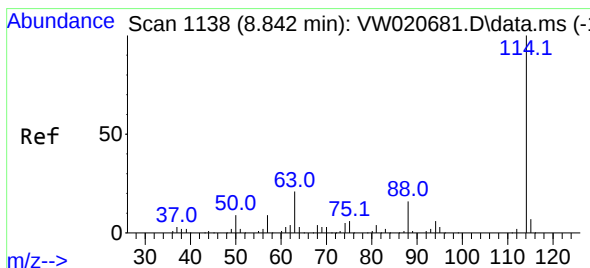
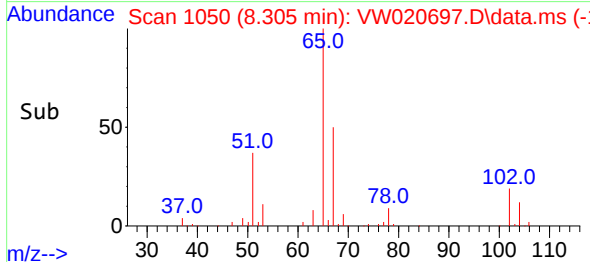
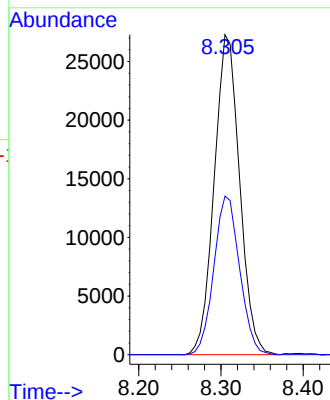
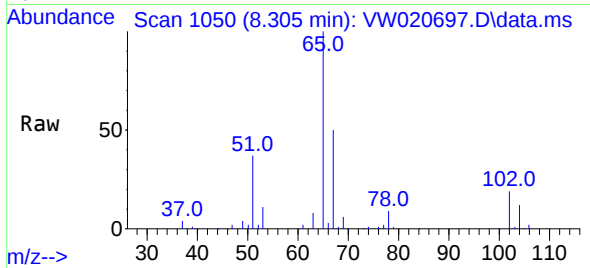
#33
1,2-Dichloroethane-d4
Concen: 49.717 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 65 Resp: 58620
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

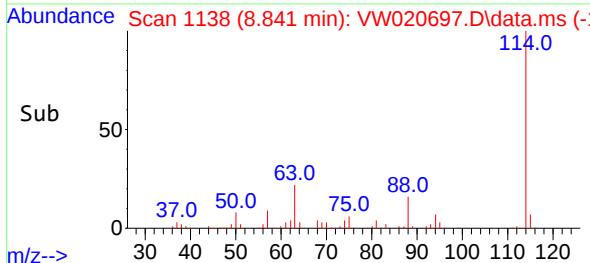
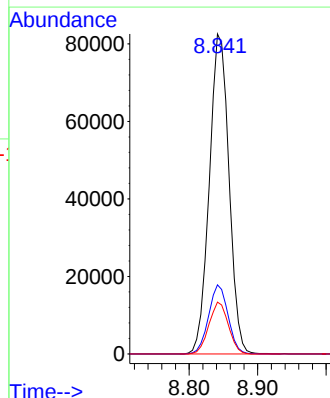
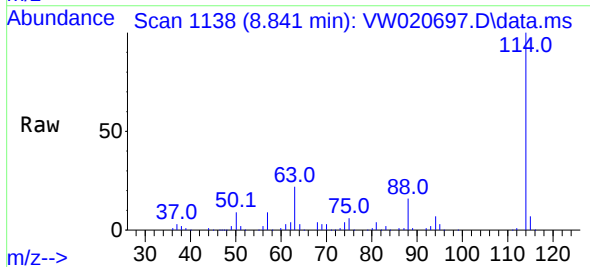
Manual Integrations
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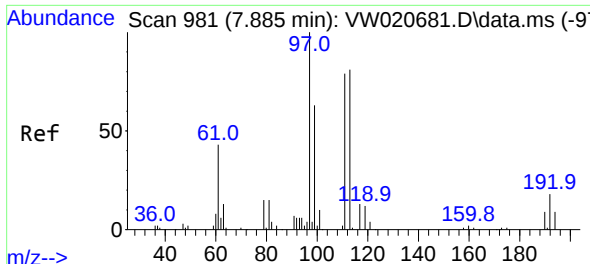
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

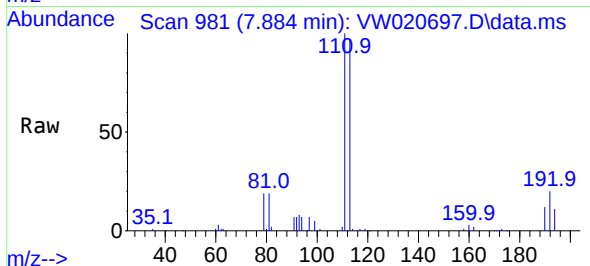
Tgt Ion: 114 Resp: 164488
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.772 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

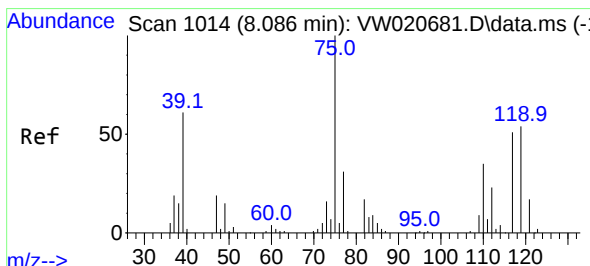
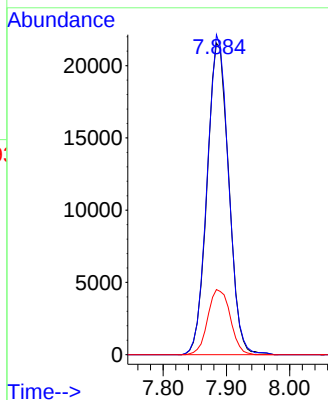
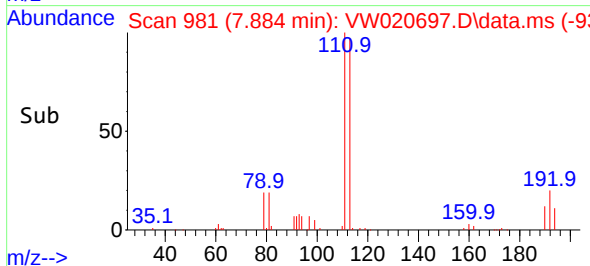
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



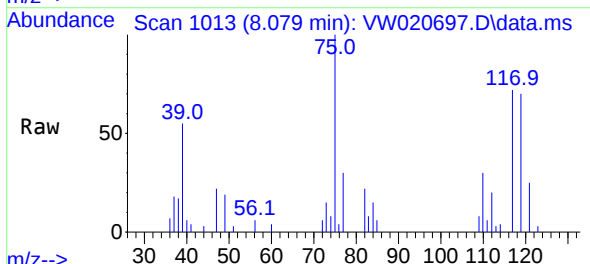
Tgt Ion: 113 Resp: 51390
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 21.6 17.8 26.8

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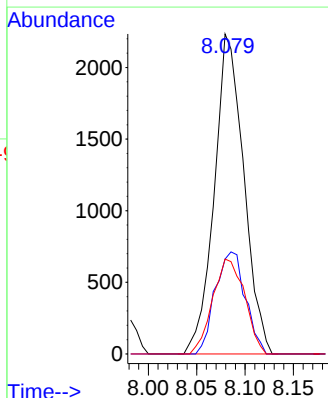
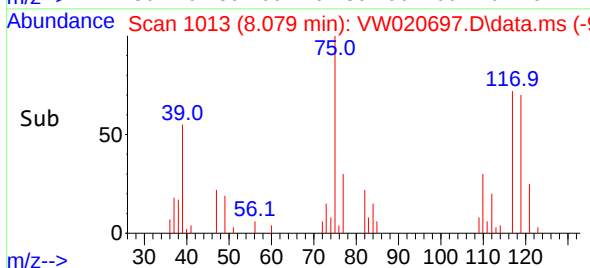
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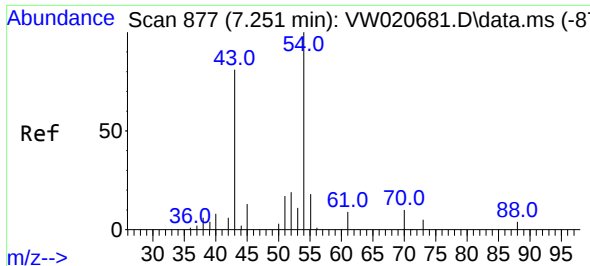


#36
1,1-Dichloropropene
Concen: 2.674 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



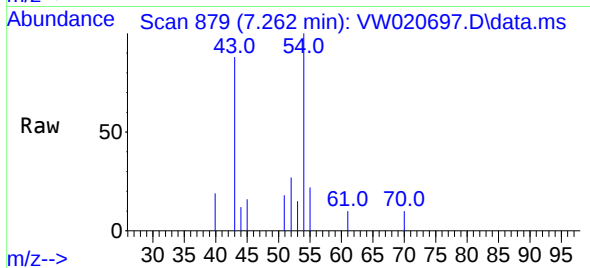
Tgt Ion: 75 Resp: 4737
Ion Ratio Lower Upper
75 100
110 32.6 17.1 51.3
77 32.1 24.9 37.3





#37
Ethyl Acetate
Concen: 2.461 ug/l
RT: 7.262 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

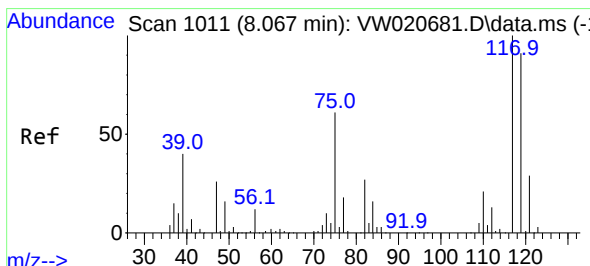
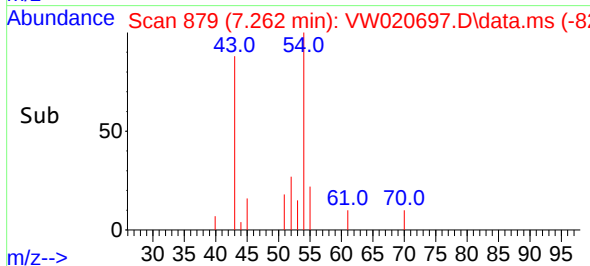
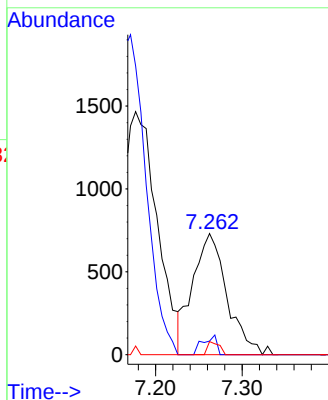
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



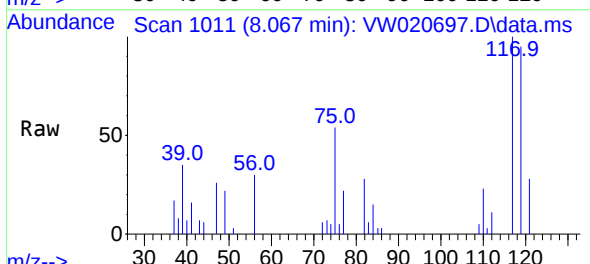
Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 3.7 8.8 13.2#

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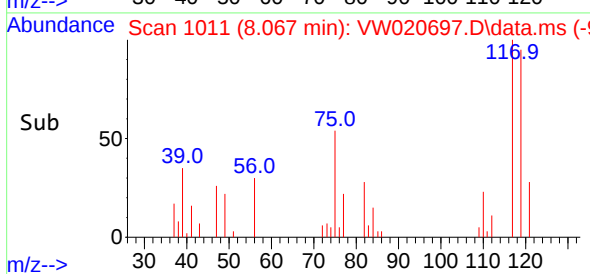
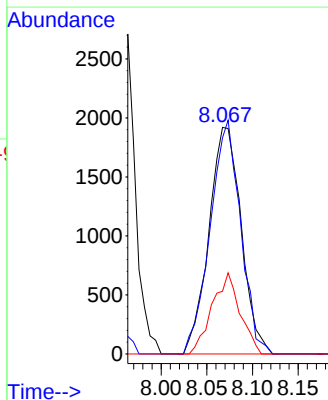
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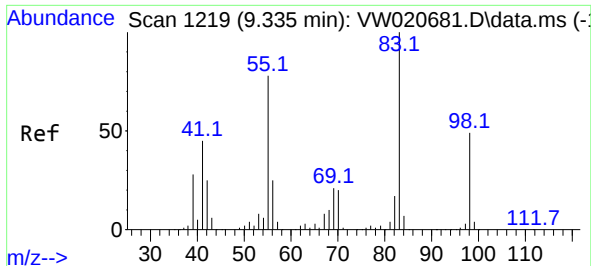


#38
Carbon Tetrachloride
Concen: 2.691 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



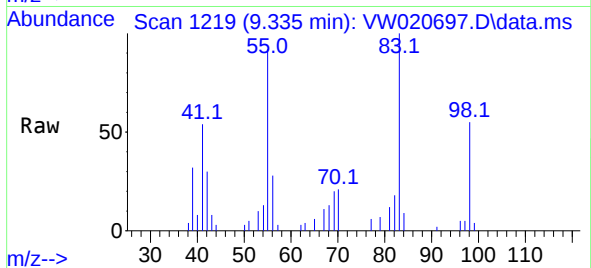
Tgt Ion: 117 Resp: 4727
Ion Ratio Lower Upper
117 100
119 95.4 72.9 109.3
121 27.7 23.4 35.0





#39
Methylcyclohexane
Concen: 2.469 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

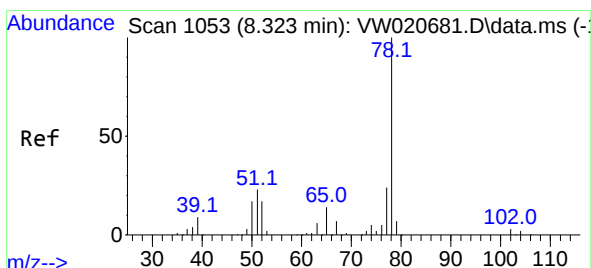
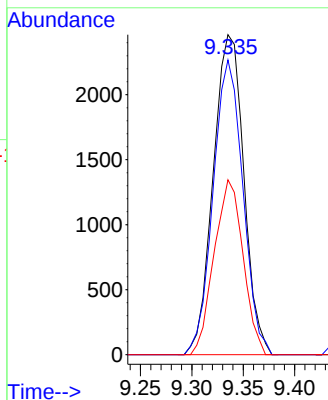
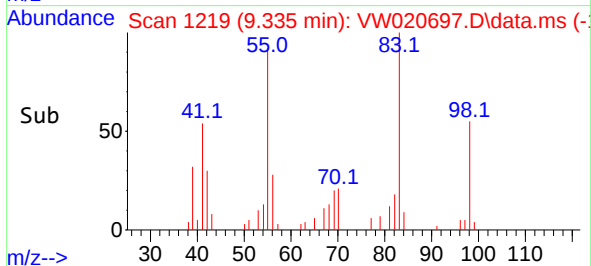
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



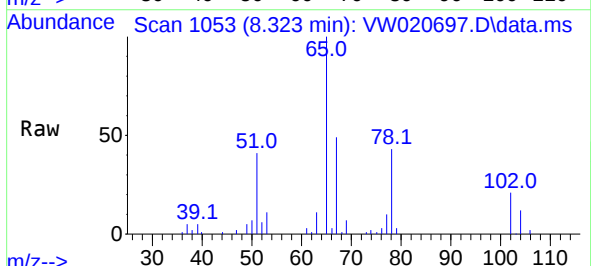
Tgt Ion: 83 Resp: 5100
Ion Ratio Lower Upper
83 100
55 92.1 62.6 94.0
98 54.7 38.8 58.2

Manual Integrations
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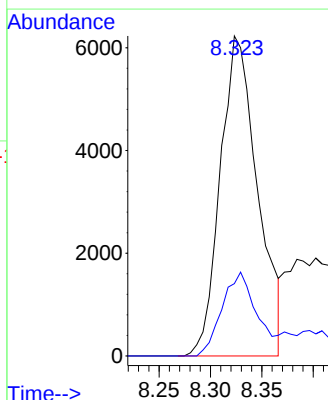
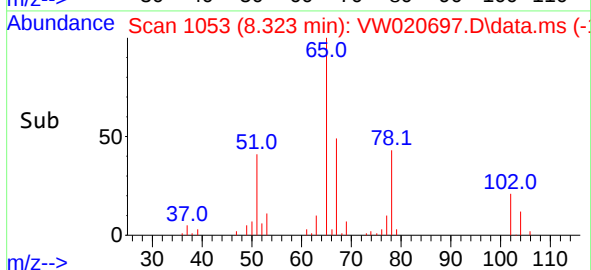
MMDadoda
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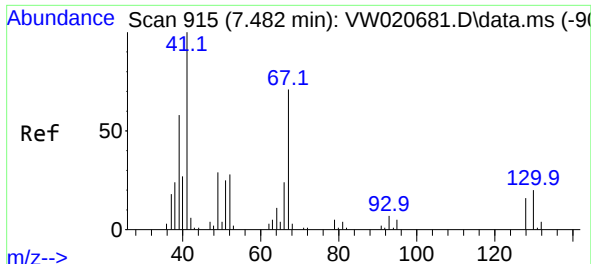


#40
Benzene
Concen: 3.250 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

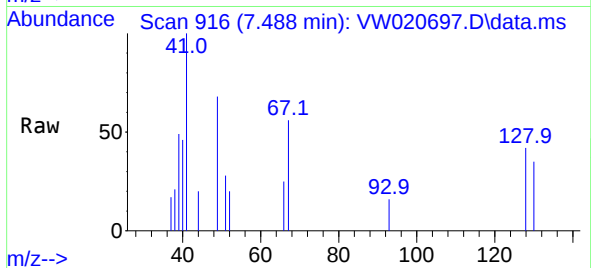


Tgt Ion: 78 Resp: 15754
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6



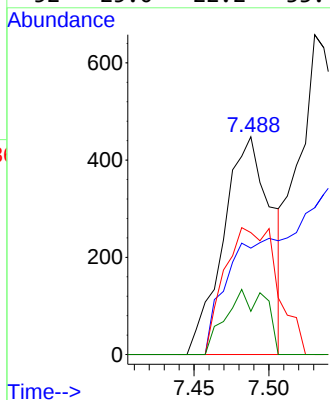


#41
Methacrylonitrile
Concen: 2.086 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 41 Resp: 996

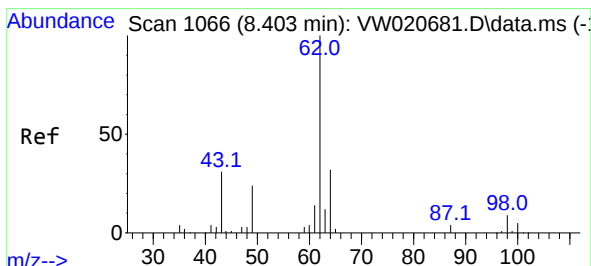
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.3	66.5#
67	64.4	50.9	76.3
52	25.0	22.2	33.4



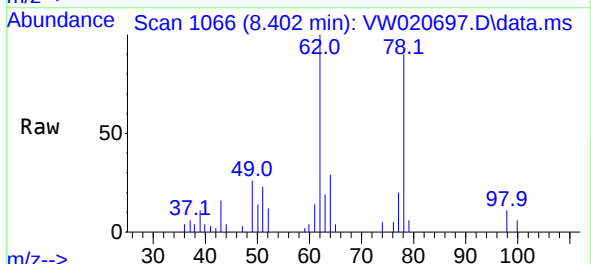
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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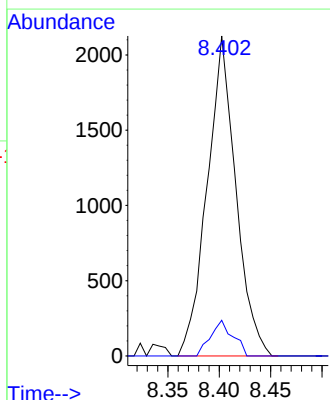
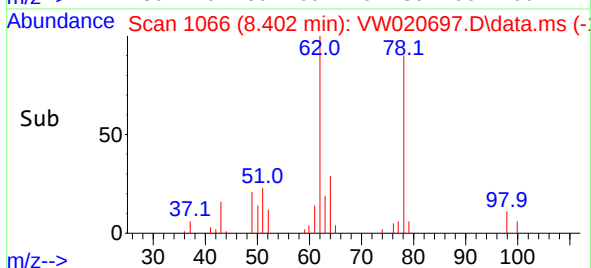


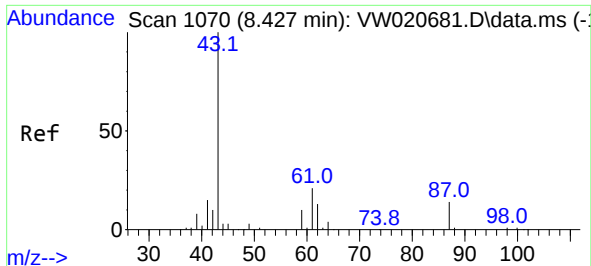
#42
1,2-Dichloroethane
Concen: 2.650 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



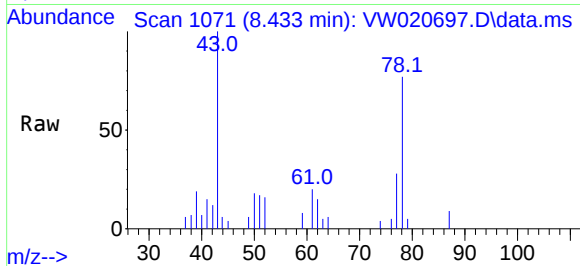
Tgt Ion: 62 Resp: 4136

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8

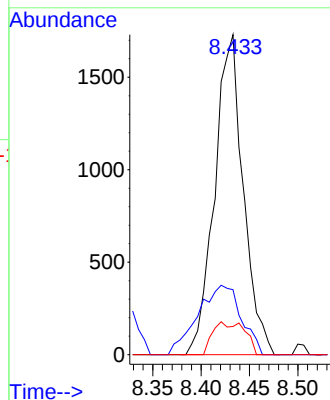
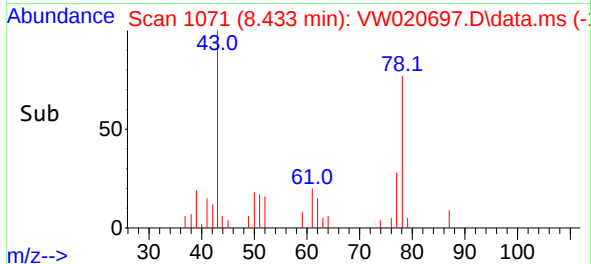




#43
Isopropyl Acetate
Concen: 2.338 ug/l
RT: 8.433 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



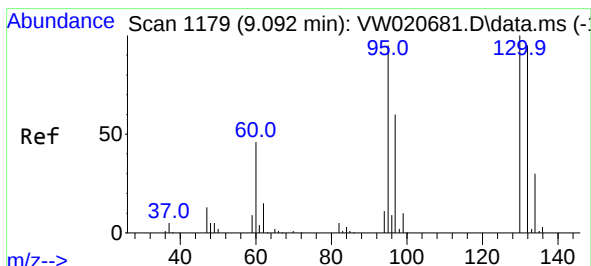
Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
61 33.0 23.3 34.9
87 11.5 10.4 15.6



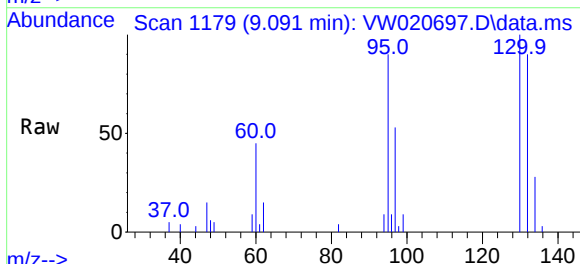
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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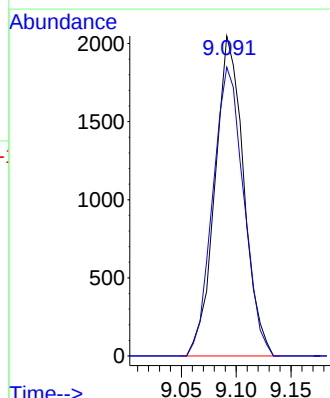
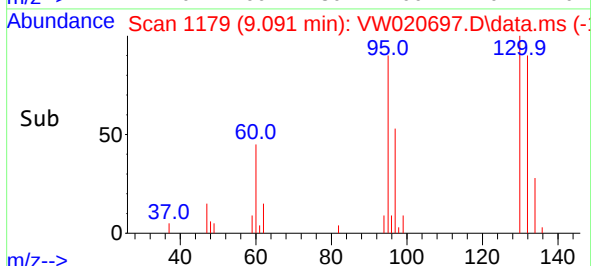
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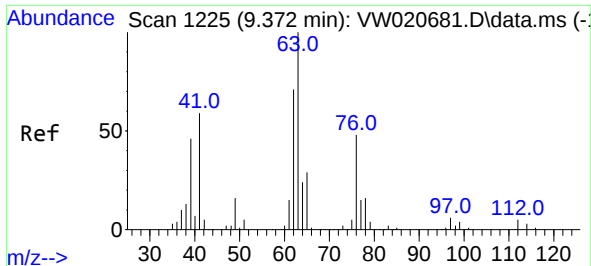


#44
Trichloroethene
Concen: 2.833 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 130 Resp: 3733
Ion Ratio Lower Upper
130 100
95 90.2 0.0 189.2





#45

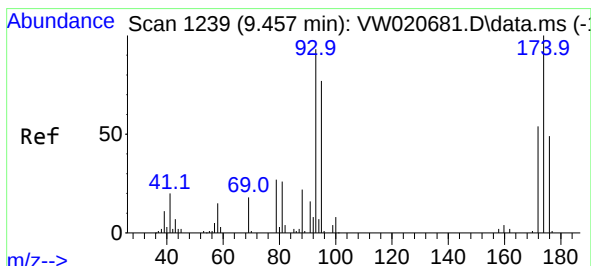
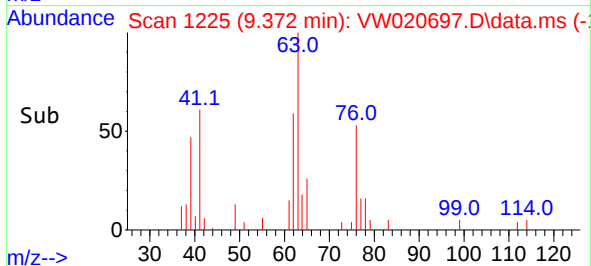
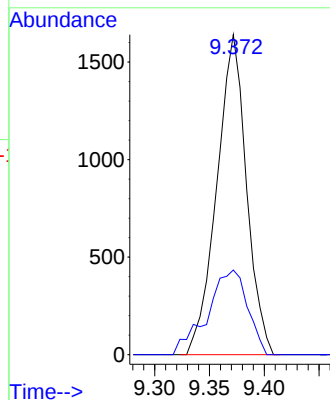
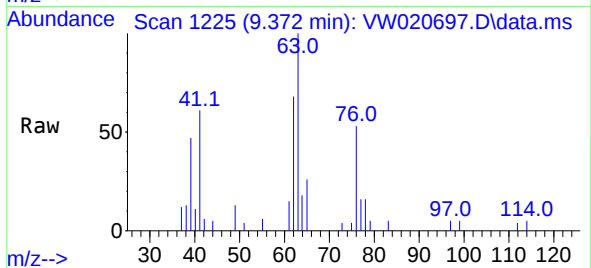
1,2-Dichloropropane
Concen: 2.658 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 63 Resp: 3089
Ion Ratio Lower Upper
63 100
65 26.5 23.7 35.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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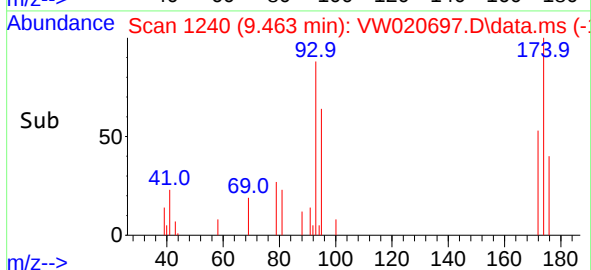
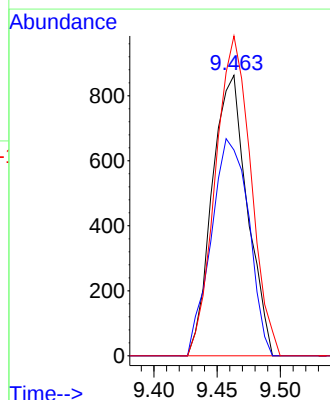
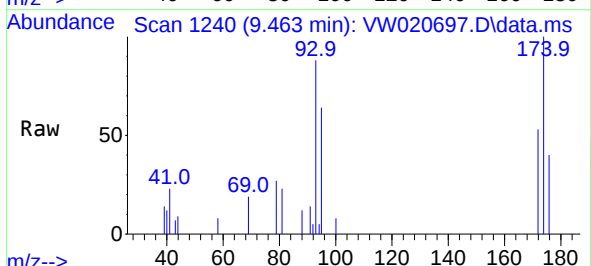
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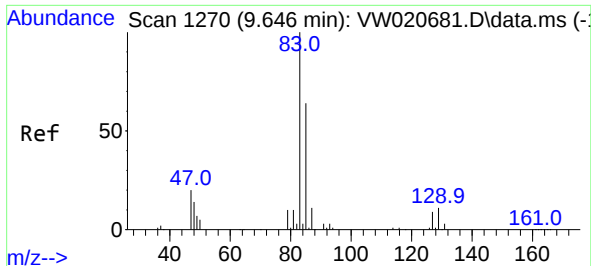


#46

Dibromomethane
Concen: 2.555 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

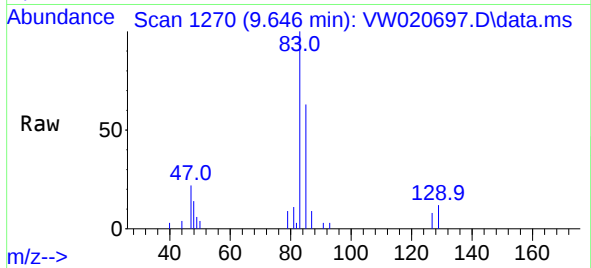
Tgt Ion: 93 Resp: 1668
Ion Ratio Lower Upper
93 100
95 82.6 67.0 100.4
174 114.9 88.9 133.3





#47
Bromodichloromethane
Concen: 2.583 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

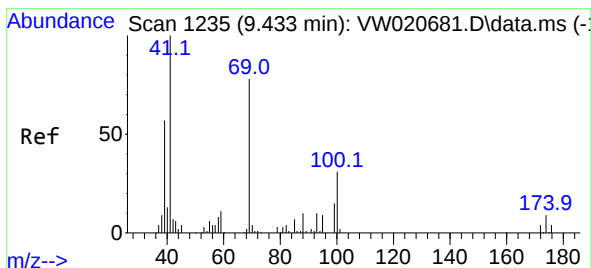
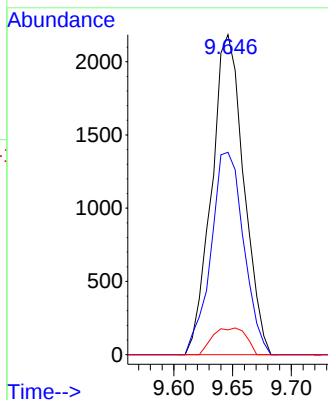
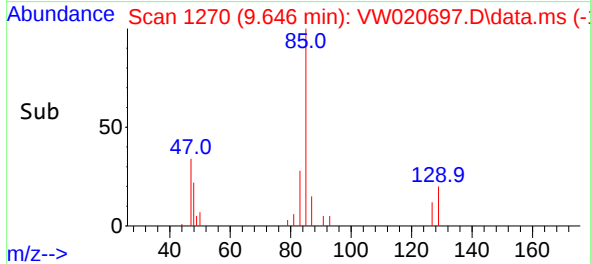
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



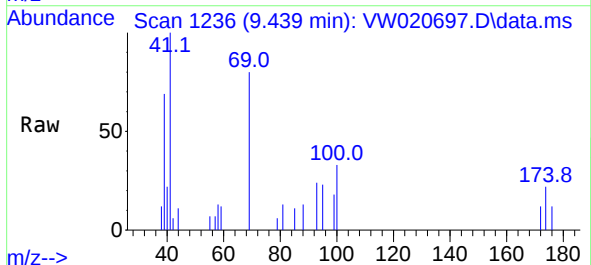
Tgt Ion: 83 Resp: 4156
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 7.7 7.0 10.4

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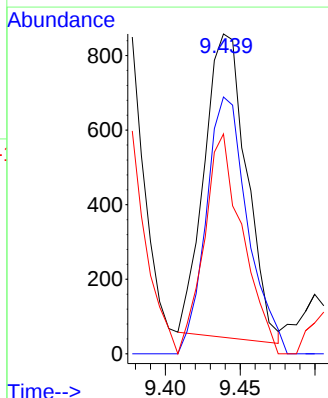
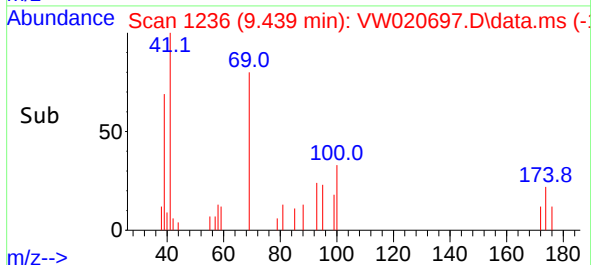
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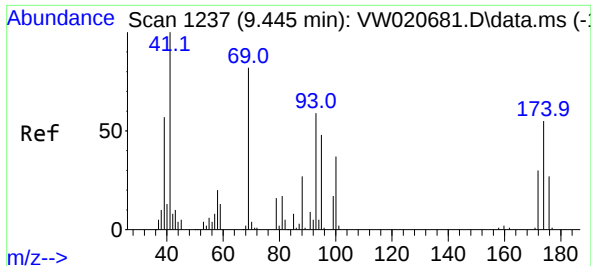


#48
Methyl methacrylate
Concen: 2.182 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 41 Resp: 1597
Ion Ratio Lower Upper
41 100
69 83.5 67.2 100.8
39 65.7 47.0 70.6





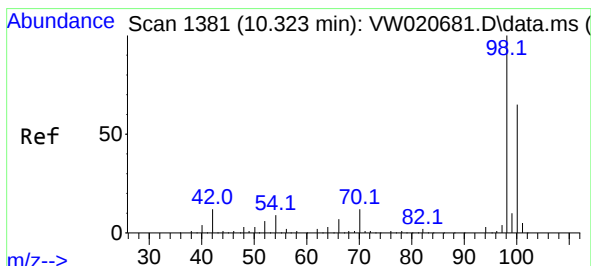
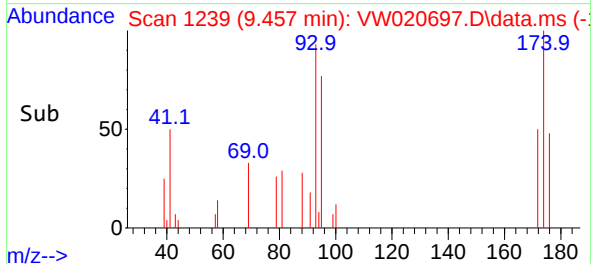
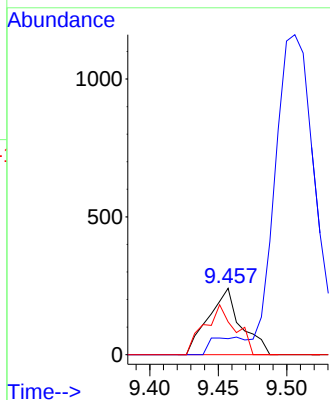
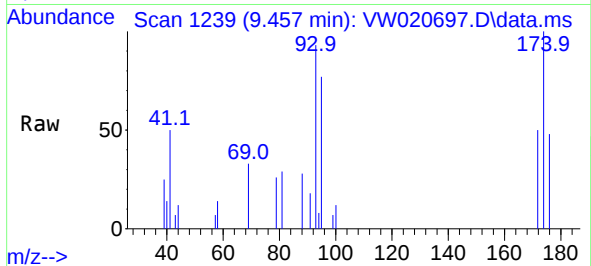
#49
1,4-Dioxane
Concen: 45.985 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.012 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
43 27.1 28.8 43.2#
58 70.7 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

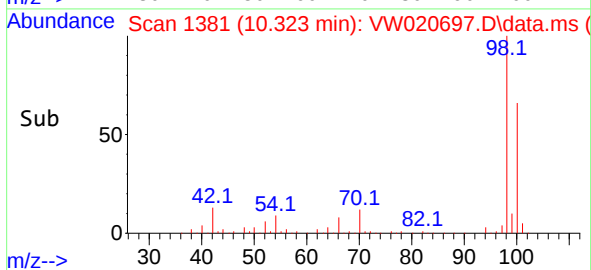
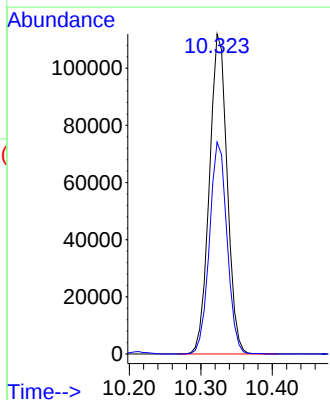
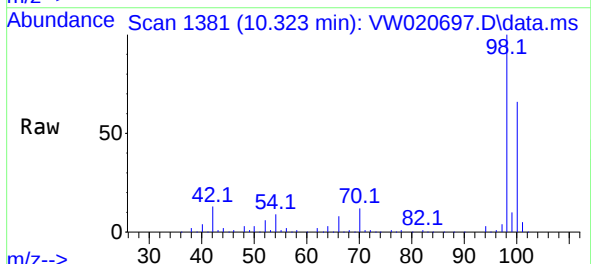
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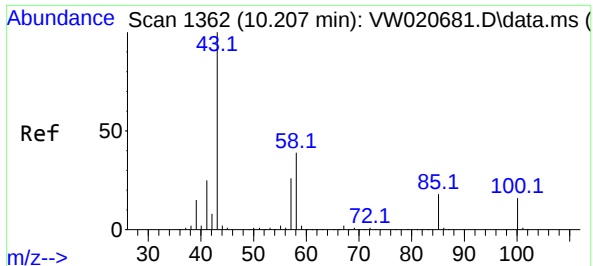
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#50
Toluene-d8
Concen: 47.028 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 98 Resp: 193362
Ion Ratio Lower Upper
98 100
100 65.4 53.2 79.8





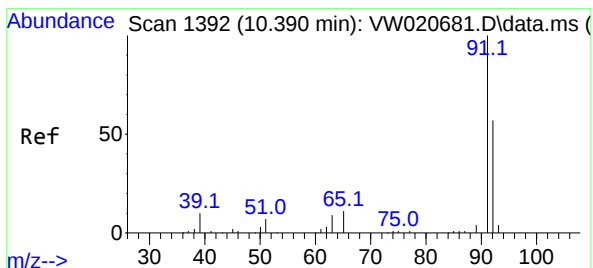
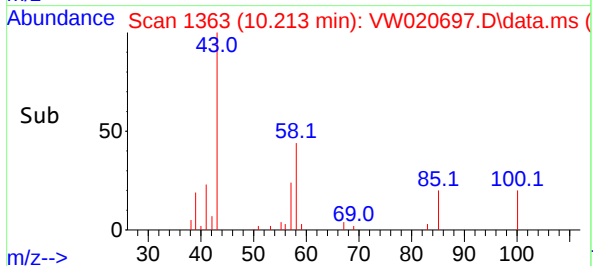
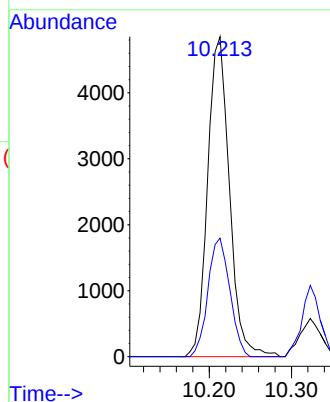
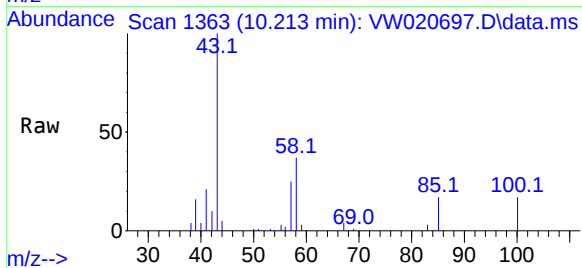
#51
4-Methyl-2-Pentanone
Concen: 10.767 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

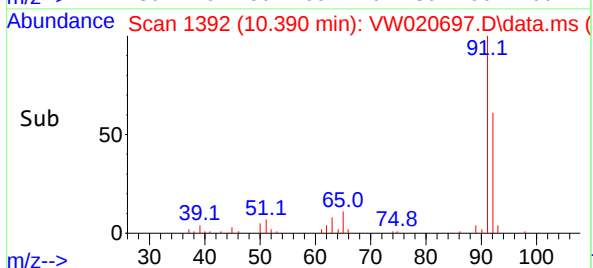
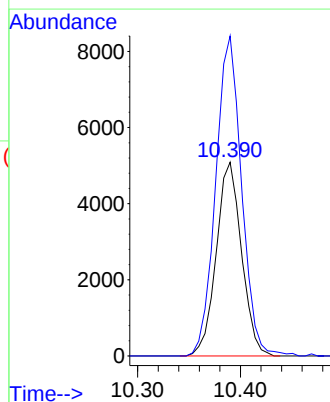
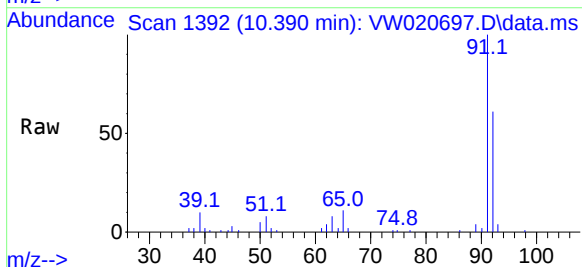
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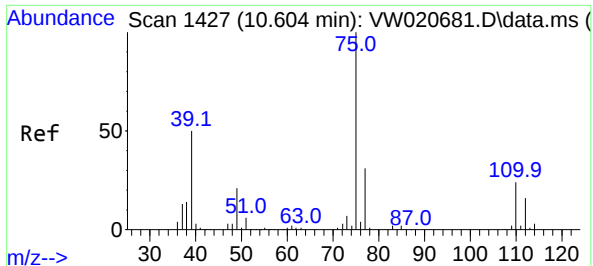
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#52
Toluene
Concen: 2.851 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 92 Resp: 8683
Ion Ratio Lower Upper
92 100
91 169.5 136.6 204.8





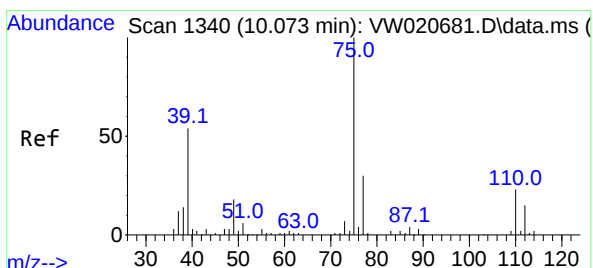
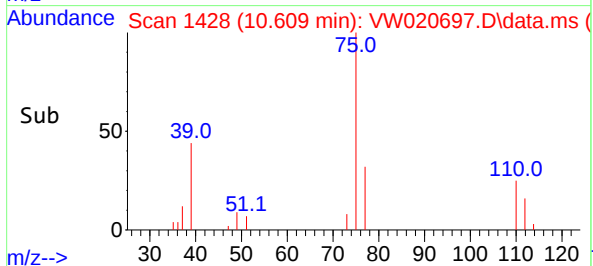
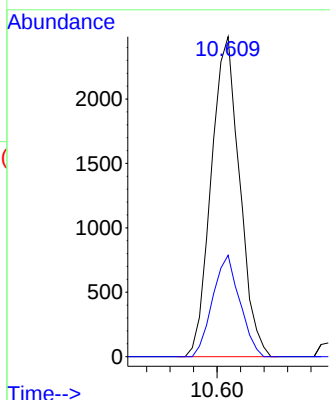
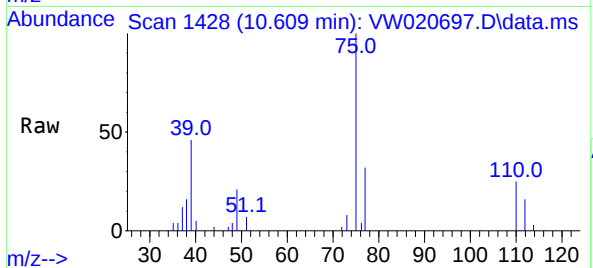
#53
t-1,3-Dichloropropene
Concen: 2.545 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 75 Resp: 4168
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

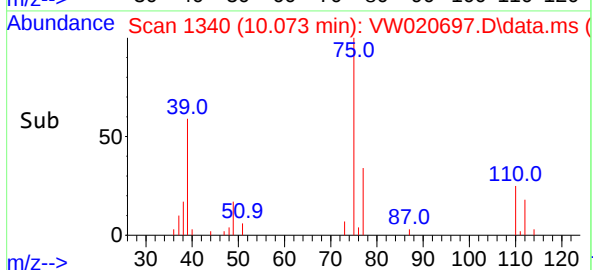
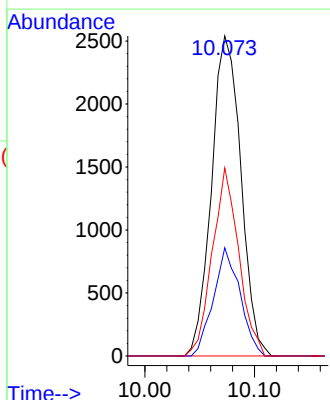
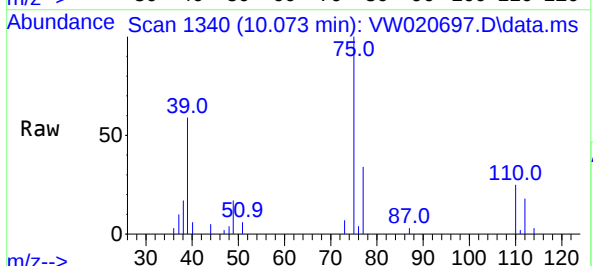
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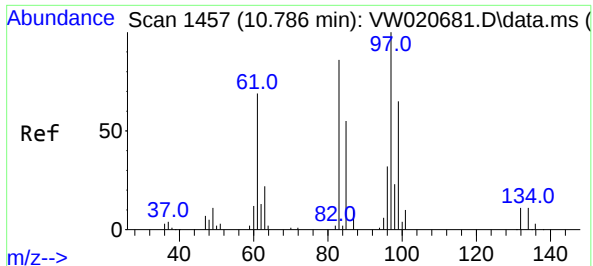
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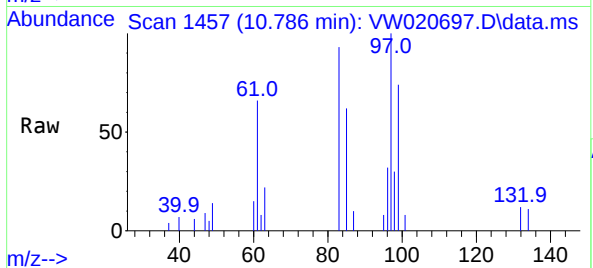
#54
cis-1,3-Dichloropropene
Concen: 2.548 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 75 Resp: 4727
Ion Ratio Lower Upper
75 100
77 33.8 23.8 35.8
39 58.7 43.1 64.7



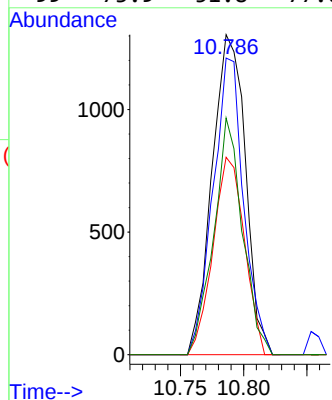


#55
1,1,2-Trichloroethane
Concen: 2.621 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 97 Resp: 2384

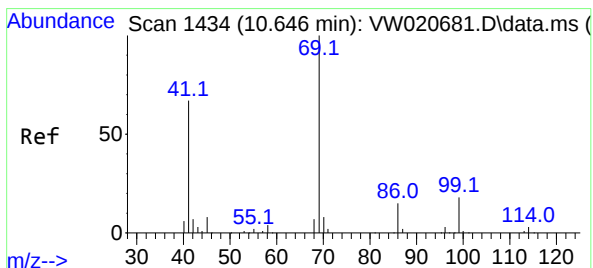
Ion	Ratio	Lower	Upper
97	100		
83	92.7	69.0	103.4
85	61.7	44.3	66.5
99	73.9	51.8	77.6



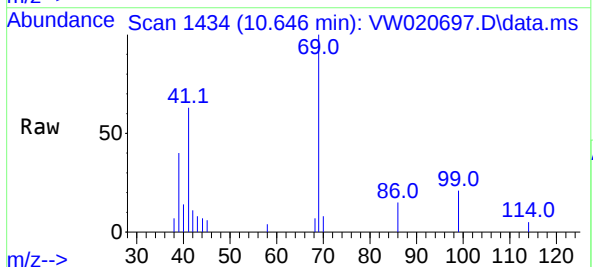
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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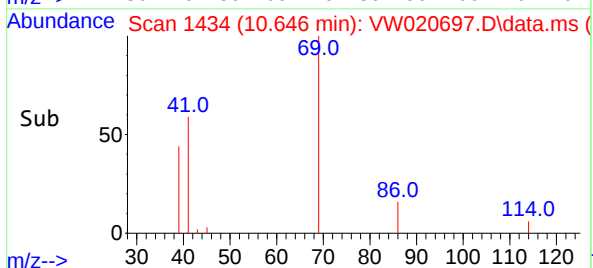
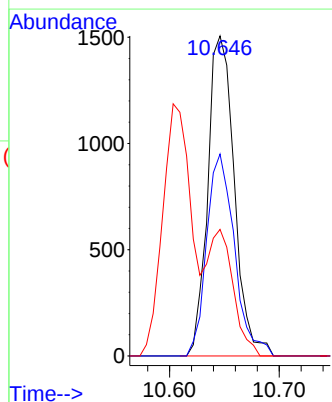


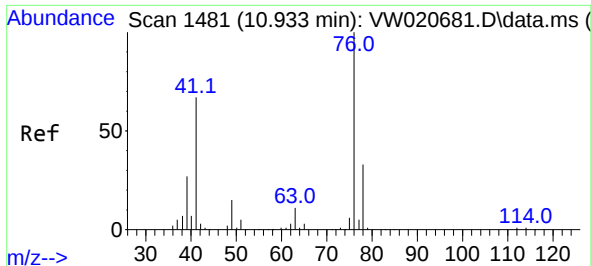
#56
Ethyl methacrylate
Concen: 2.170 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion: 69 Resp: 2538

Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.6	85.0
39	32.5	29.6	44.4





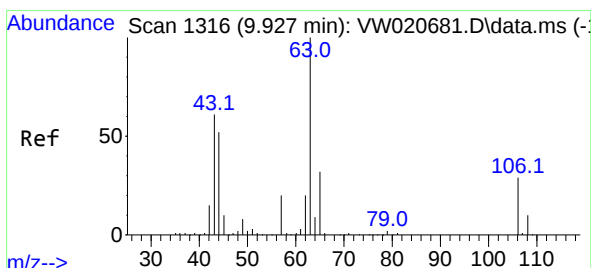
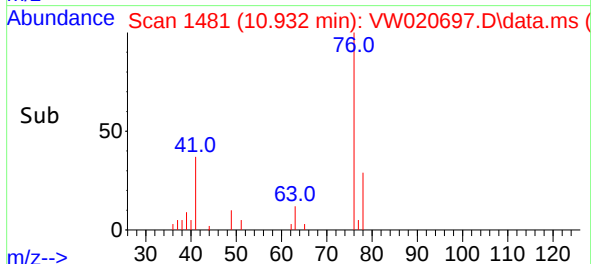
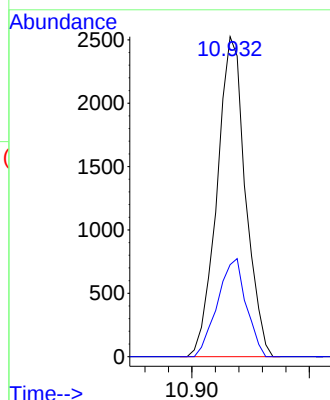
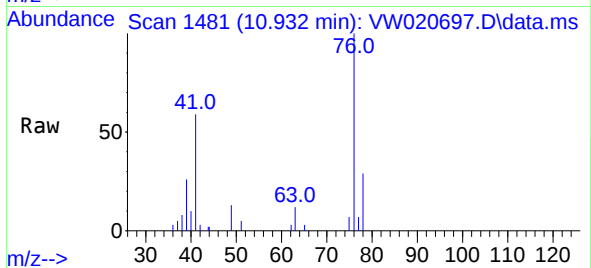
#57
1,3-Dichloropropane
Concen: 2.693 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 76 Resp: 4244
Ion Ratio Lower Upper
76 100
78 30.8 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

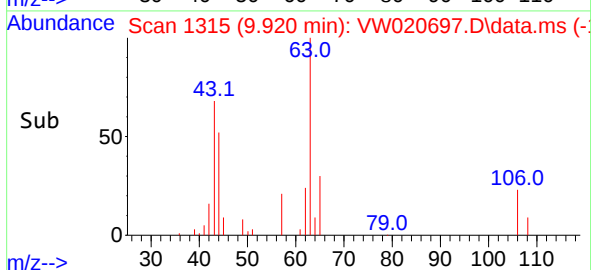
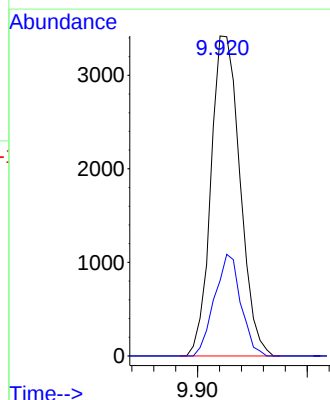
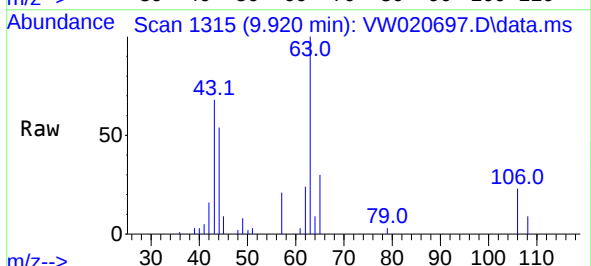
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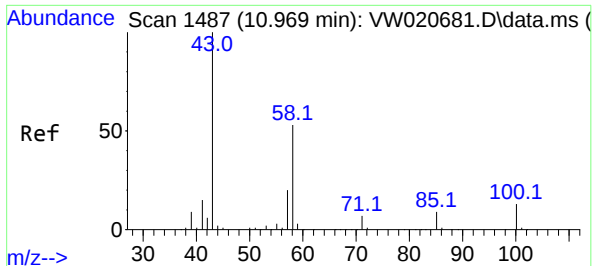
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#58
2-Chloroethyl Vinyl ether
Concen: 11.949 ug/l
RT: 9.920 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 63 Resp: 6298
Ion Ratio Lower Upper
63 100
106 28.7 23.0 34.6





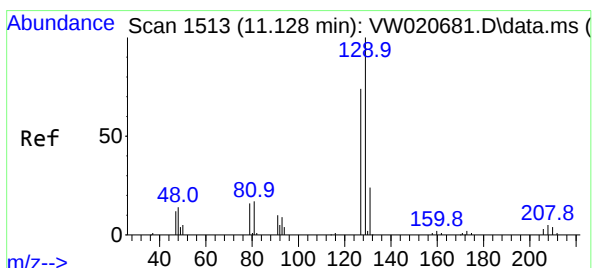
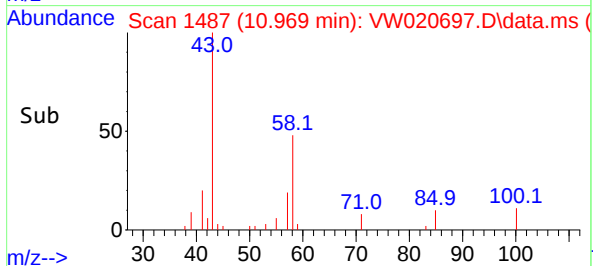
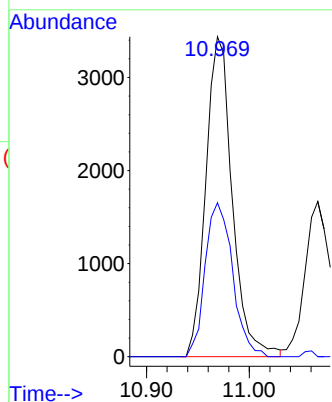
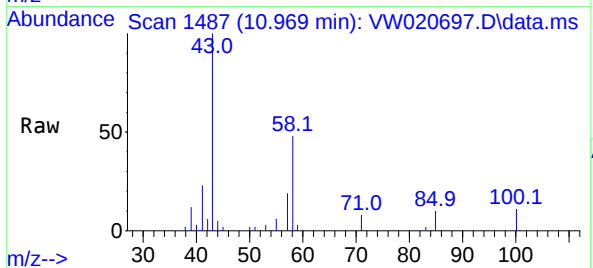
#59
2-Hexanone
Concen: 10.477 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 43 Resp: 6131
Ion Ratio Lower Upper
43 100
58 50.0 26.4 79.2

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

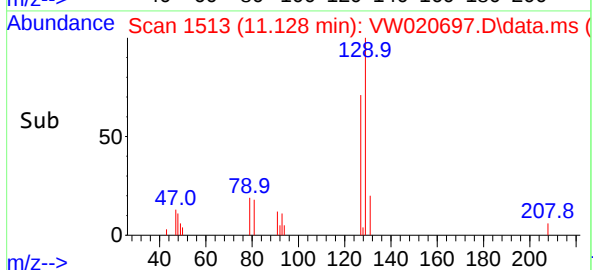
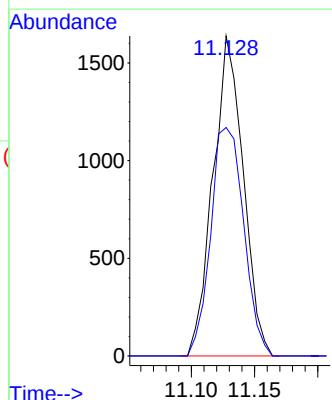
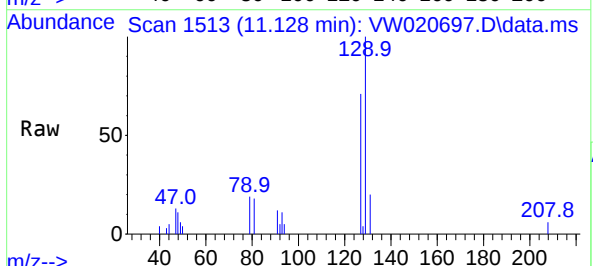
Manual Integrations
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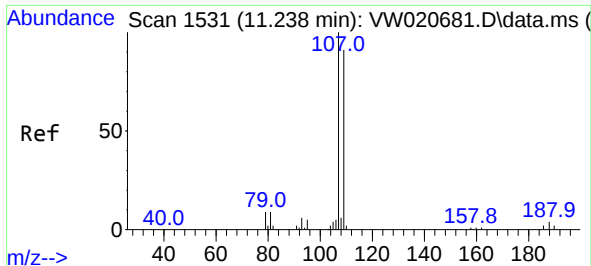
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#60
Dibromochloromethane
Concen: 2.542 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

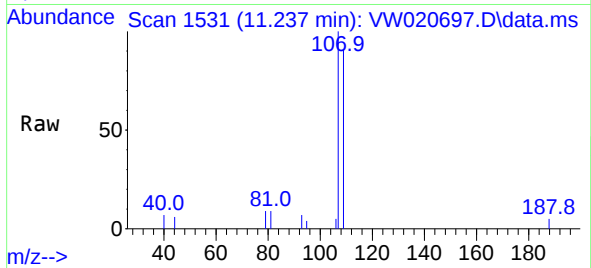
Tgt Ion: 129 Resp: 2726
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61
1,2-Dibromoethane
Concen: 2.589 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

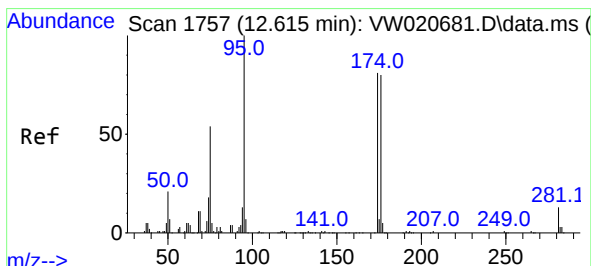
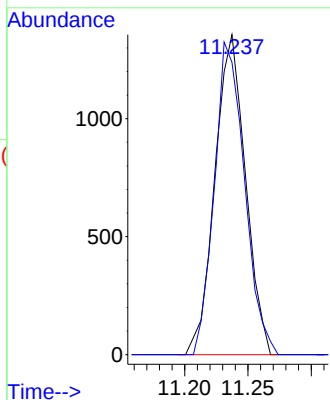
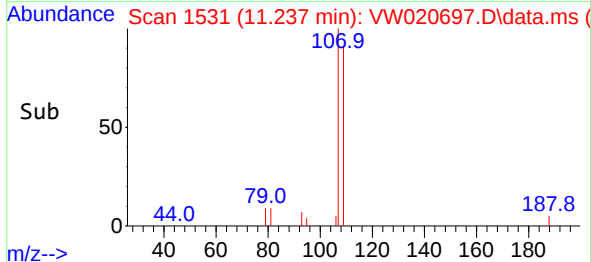
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



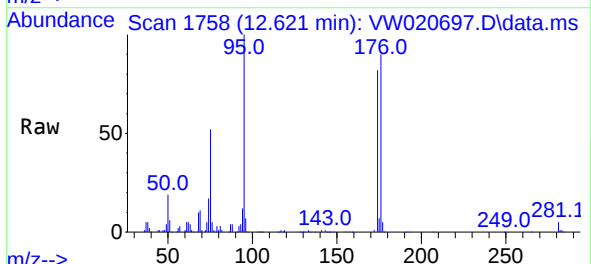
Tgt Ion:107 Resp: 2279
Ion Ratio Lower Upper
107 100
109 96.3 75.4 113.2

Manual Integrations
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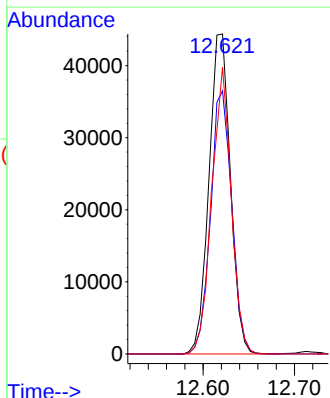
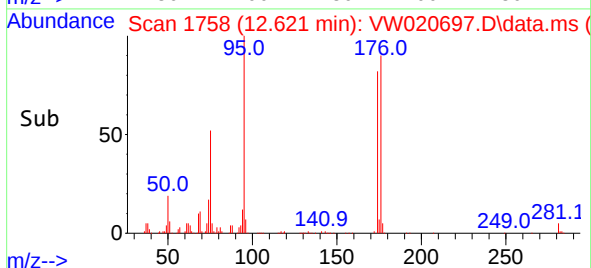
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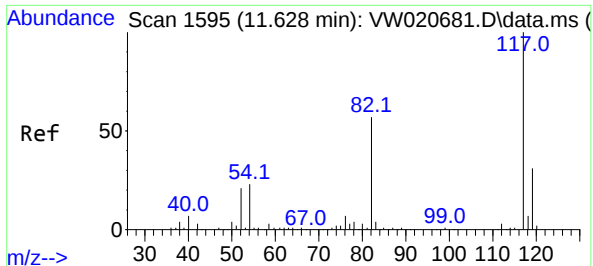


#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



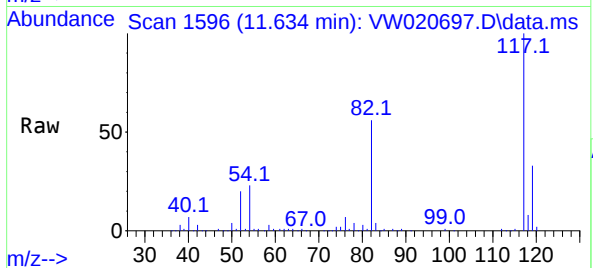
Tgt Ion: 95 Resp: 72288
Ion Ratio Lower Upper
95 100
174 81.3 0.0 166.4
176 81.6 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

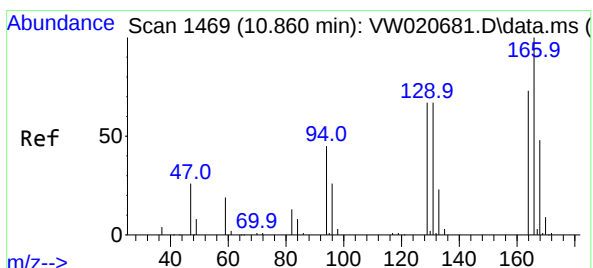
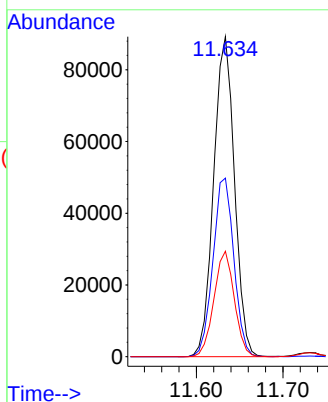
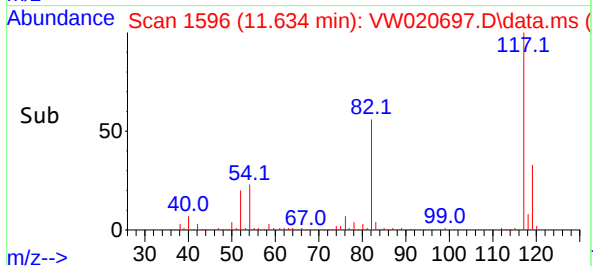
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



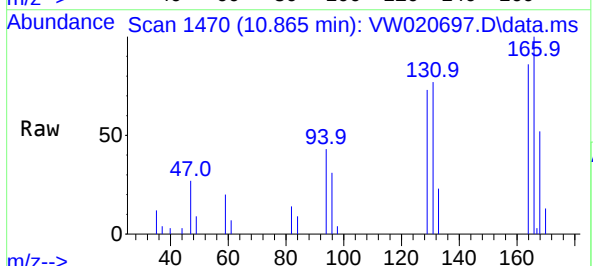
Tgt Ion:117 Resp: 148983
Ion Ratio Lower Upper
117 100
82 55.8 45.6 68.4
119 33.0 25.0 37.4

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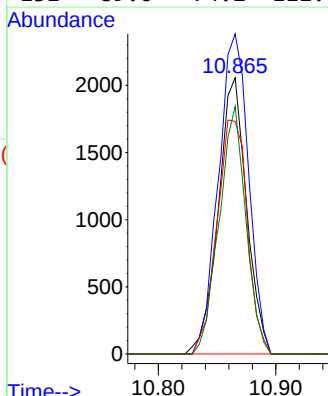
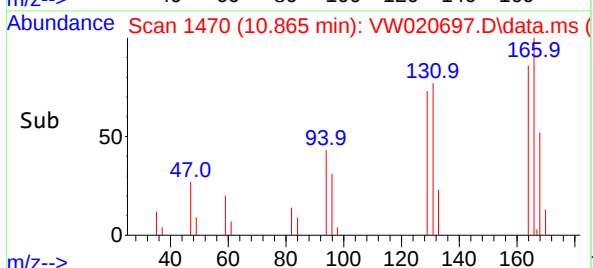
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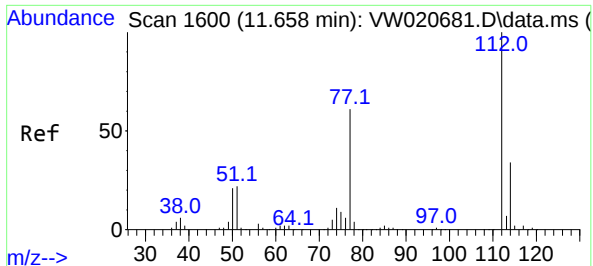


#64
Tetrachloroethene
Concen: 2.977 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



Tgt Ion:164 Resp: 3444
Ion Ratio Lower Upper
164 100
166 115.9 110.2 165.4
129 84.2 74.4 111.6
131 89.6 74.2 111.4





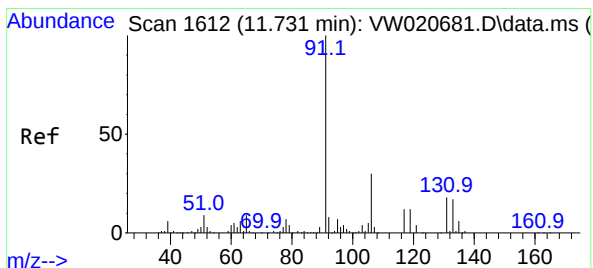
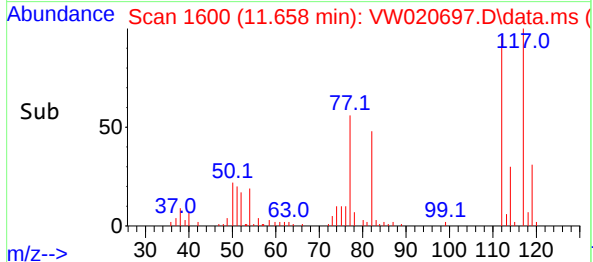
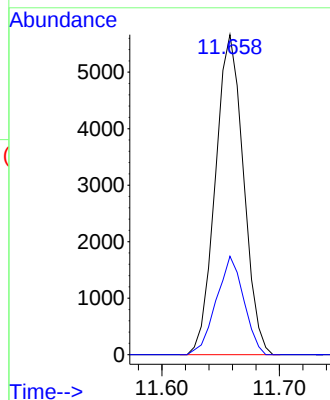
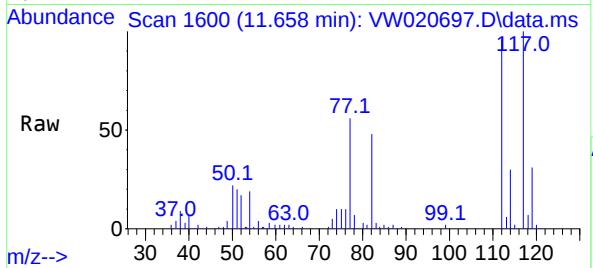
#65
Chlorobenzene
Concen: 2.938 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:112 Resp: 9423
Ion Ratio Lower Upper
112 100
114 30.8 27.0 40.6

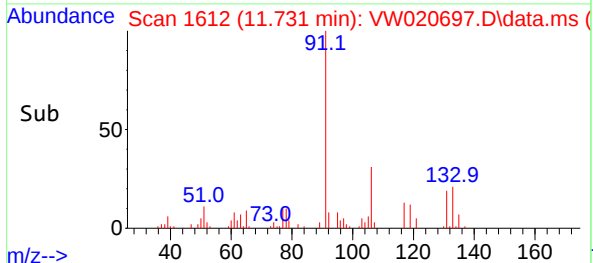
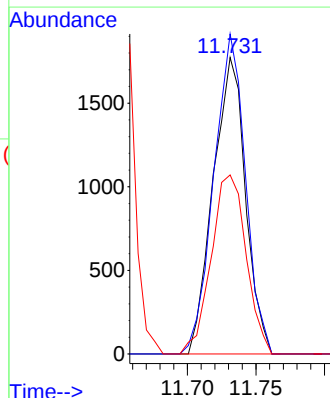
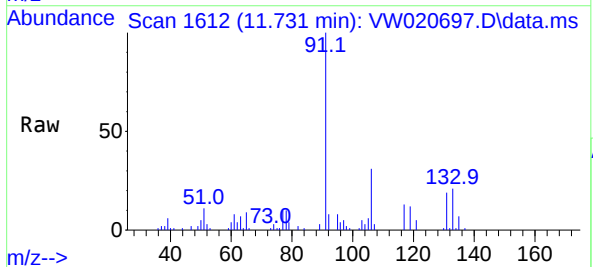
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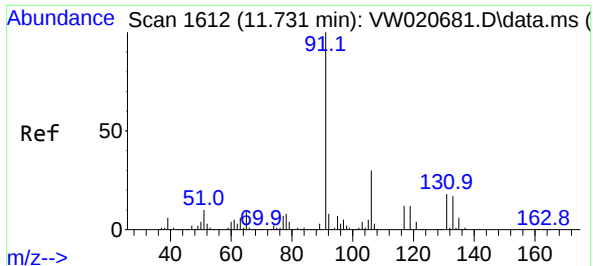
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.505 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:131 Resp: 2912
Ion Ratio Lower Upper
131 100
133 105.4 47.9 143.8
119 65.1 31.6 95.0





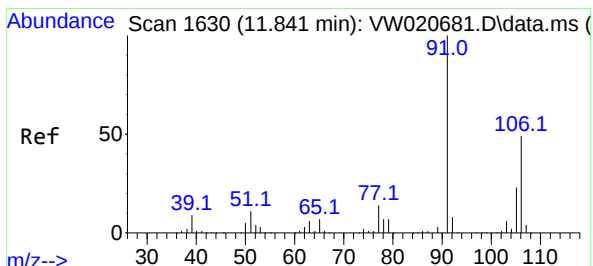
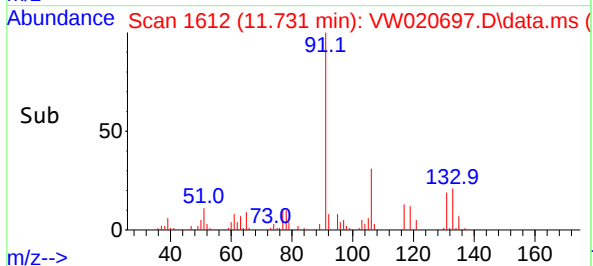
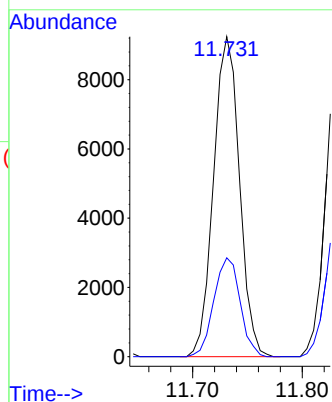
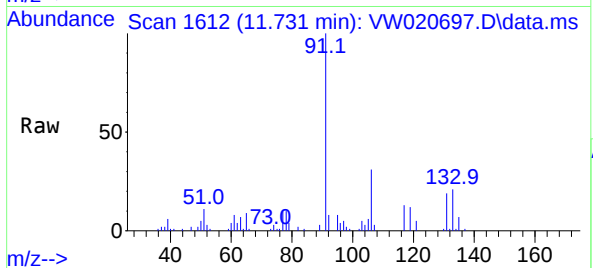
#67
Ethyl Benzene
Concen: 2.612 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 91 Resp: 15169
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

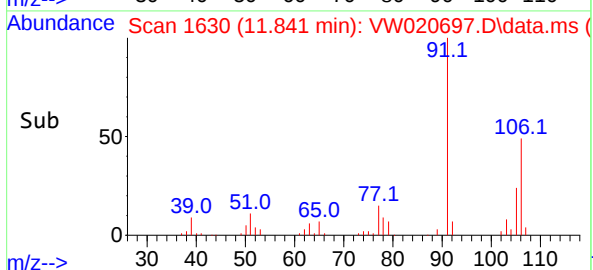
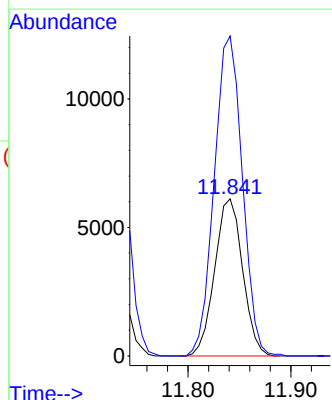
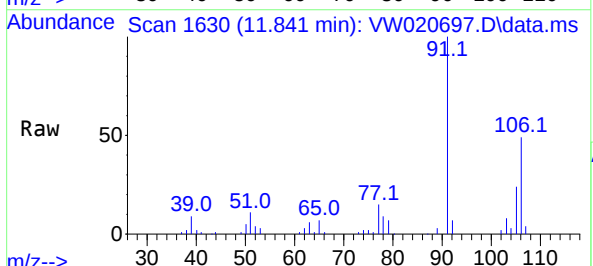
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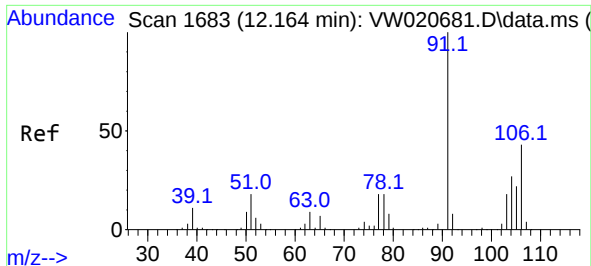
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#68
m/p-Xylenes
Concen: 5.131 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:106 Resp: 11521
Ion Ratio Lower Upper
106 100
91 205.2 166.4 249.6





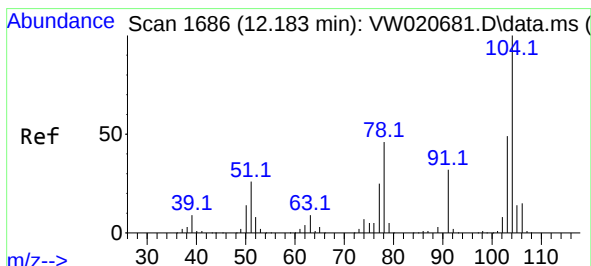
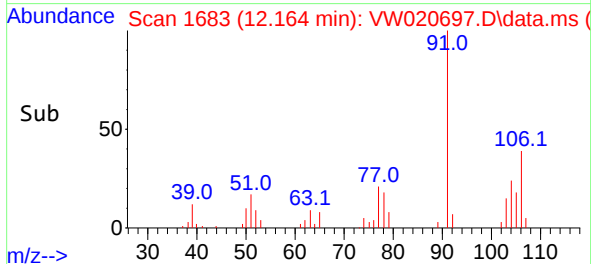
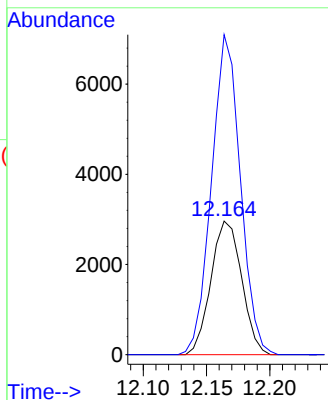
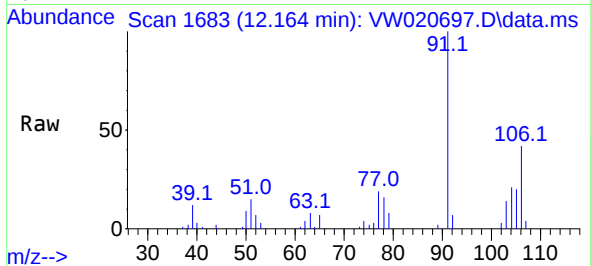
#69
o-Xylene
Concen: 2.421 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:106 Resp: 5010
Ion Ratio Lower Upper
106 100
91 224.7 110.9 332.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

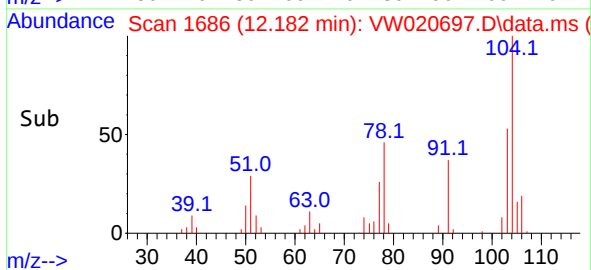
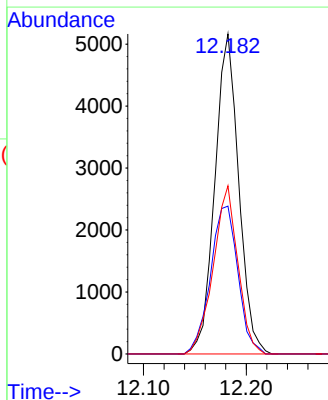
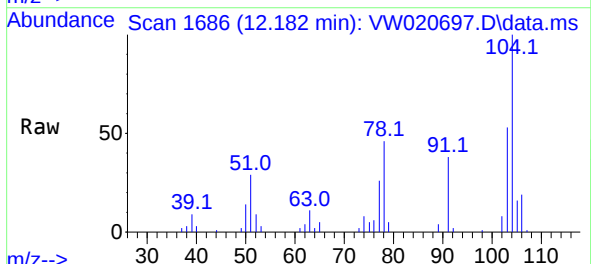
Manual Integrations
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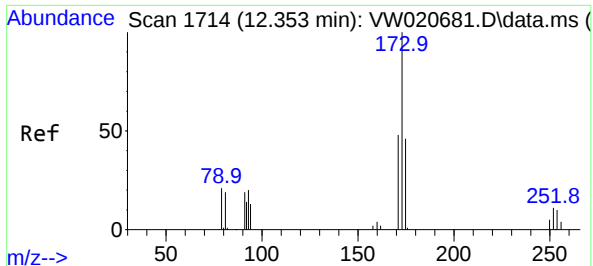
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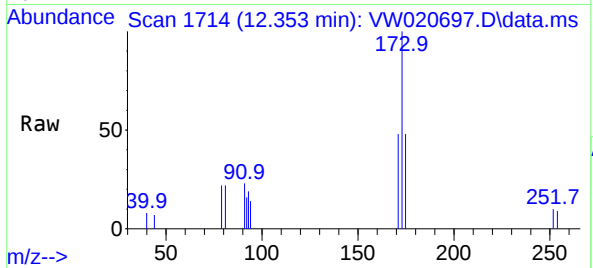
#70
Styrene
Concen: 2.350 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:104 Resp: 8331
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.0
103 54.2 43.3 64.9

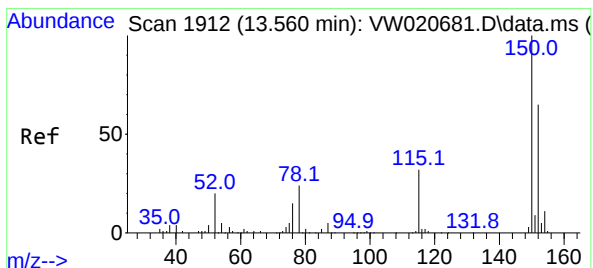
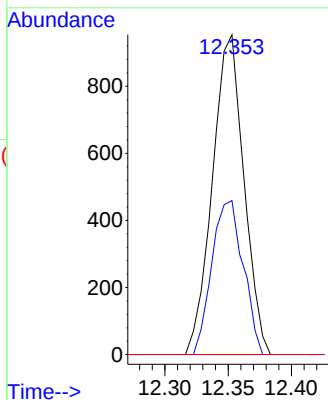
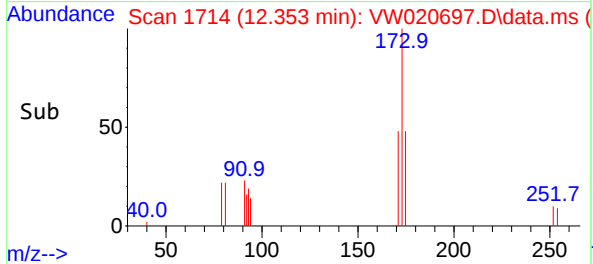




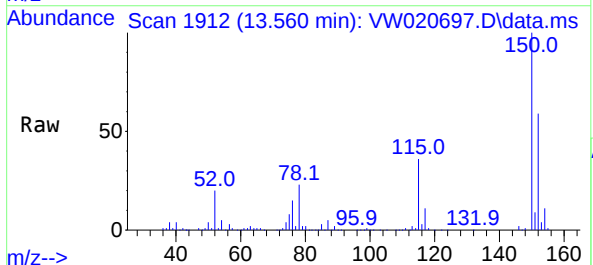
#71
Bromoform
Concen: 2.422 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



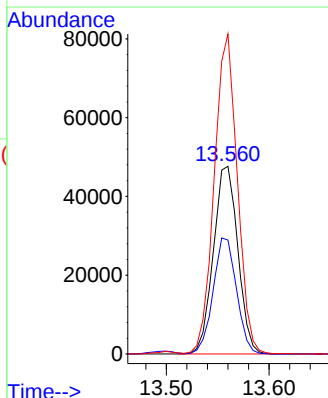
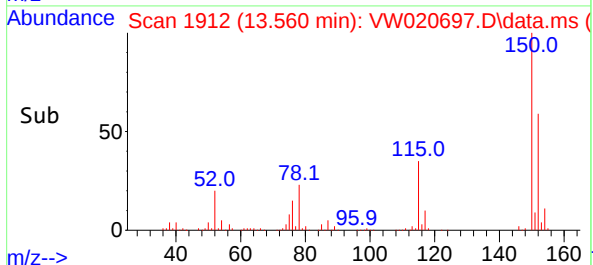
Tgt Ion:173 Resp: 1651
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



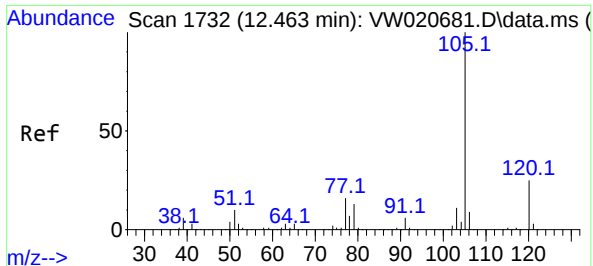
Tgt Ion:152 Resp: 78622
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.9
150 161.1 0.0 352.6



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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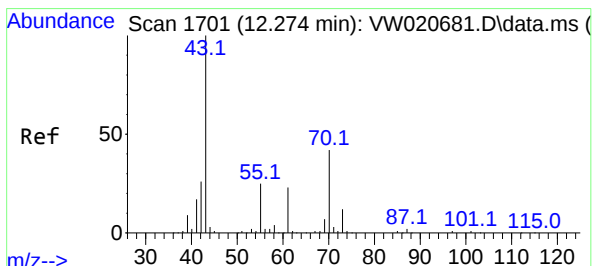
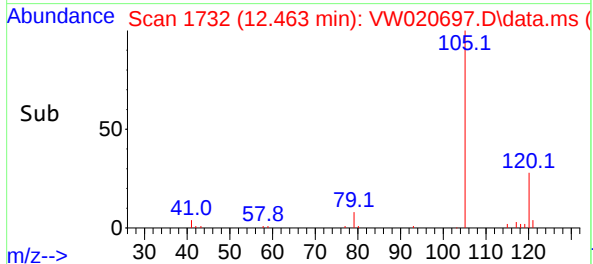
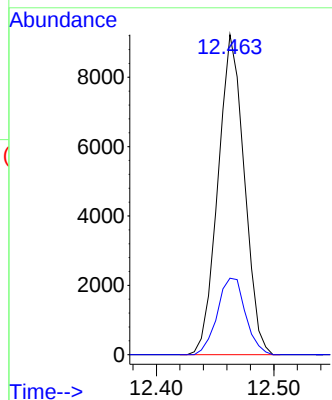
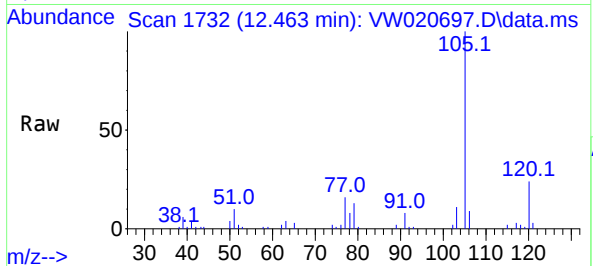
#73
Isopropylbenzene
Concen: 2.535 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 105 Resp: 14359
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

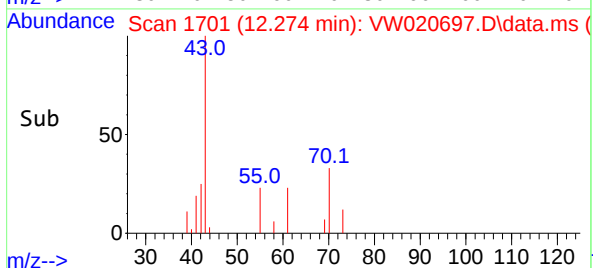
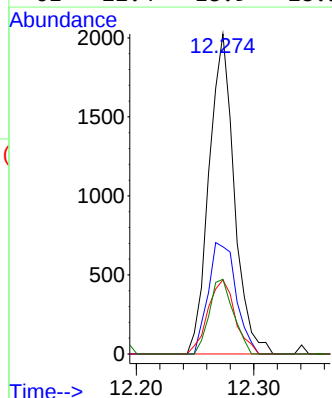
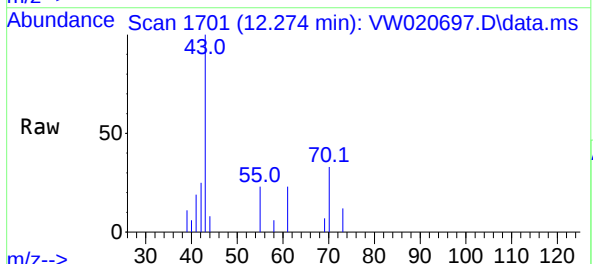
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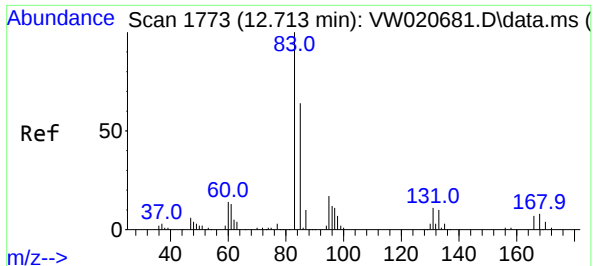
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#74
N-ethyl acetate
Concen: 2.191 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 43 Resp: 3012
Ion Ratio Lower Upper
43 100
70 38.6 33.4 50.2
55 25.0 20.1 30.1
61 22.4 18.9 28.3





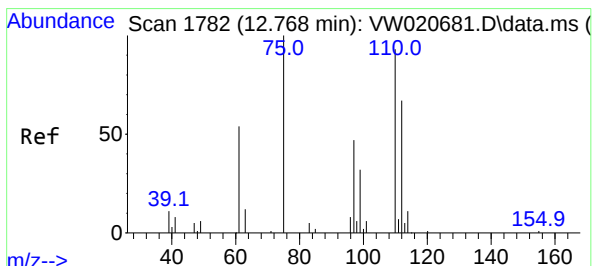
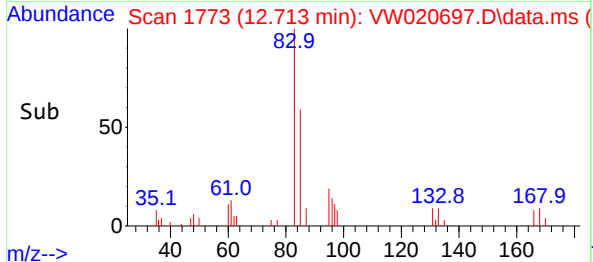
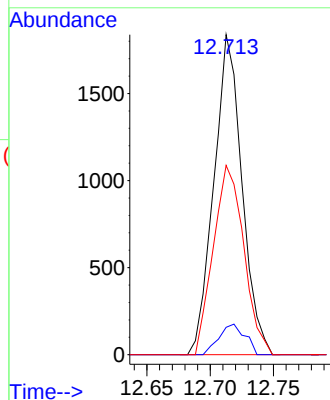
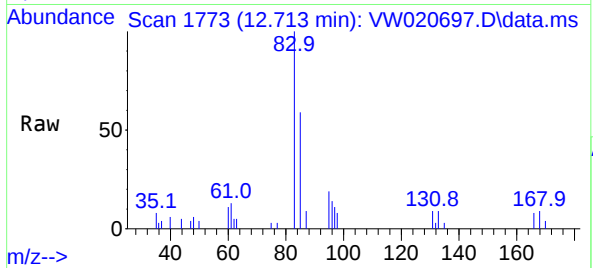
#75
1,1,2,2-Tetrachloroethane
Concen: 2.676 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:	83	Resp:	2839
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.8	17.3
85	64.2	31.8	95.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

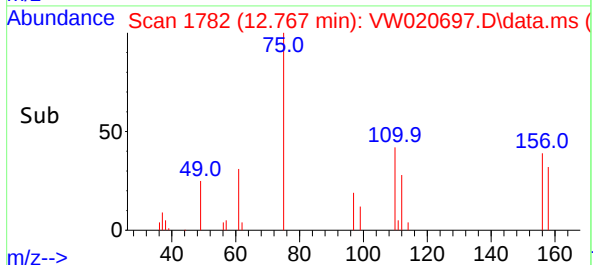
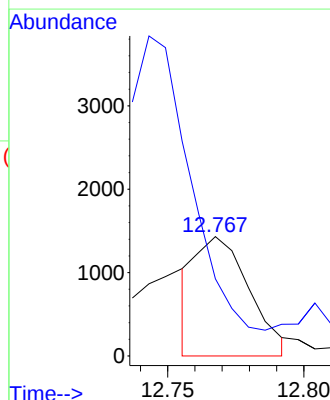
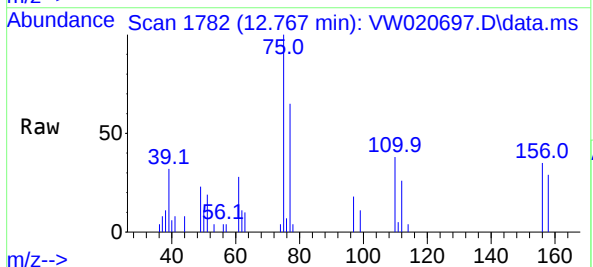
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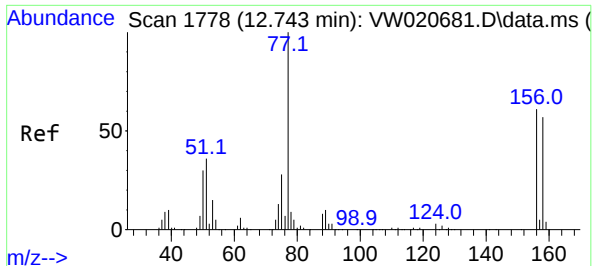
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#76
1,2,3-Trichloropropane
Concen: 2.263 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:	75	Resp:	1971
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





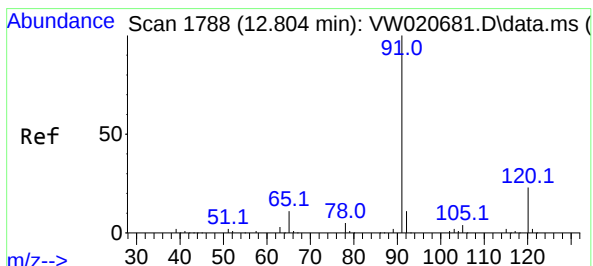
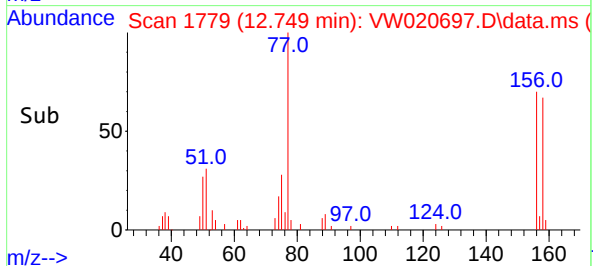
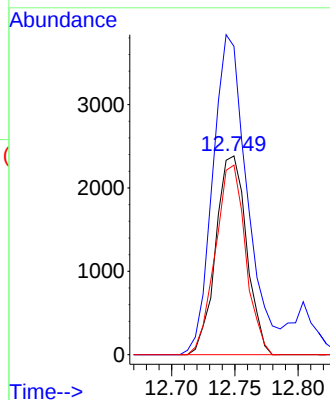
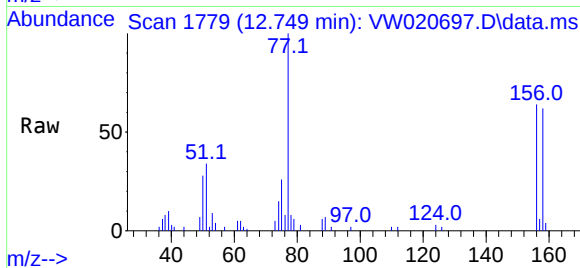
#77
Bromobenzene
Concen: 2.966 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion: 156 Resp: 4029
Ion Ratio Lower Upper
156 100
77 180.5 91.8 275.6
158 93.8 47.9 143.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

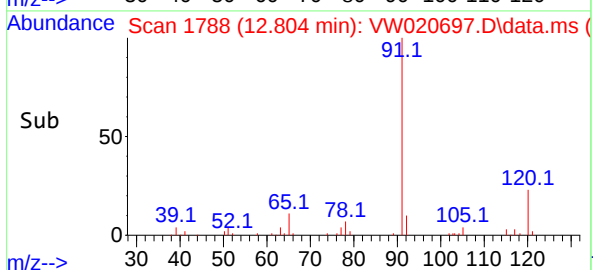
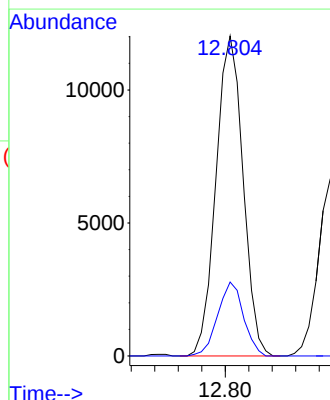
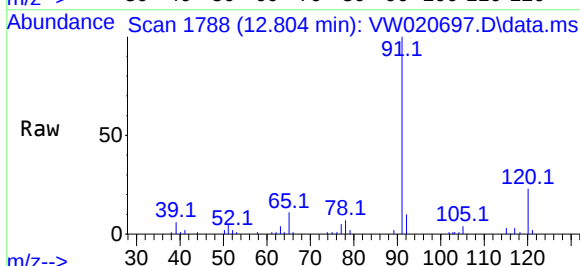
Manual Integrations
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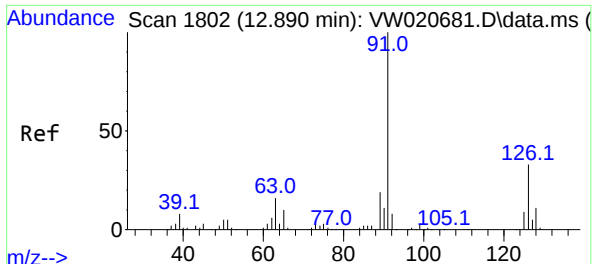
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#78
n-propylbenzene
Concen: 2.764 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

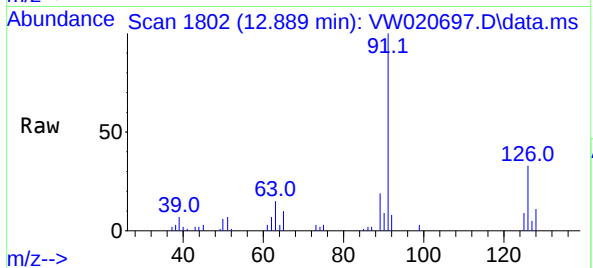
Tgt Ion: 91 Resp: 19223
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.0





#79
2-Chlorotoluene
Concen: 2.785 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

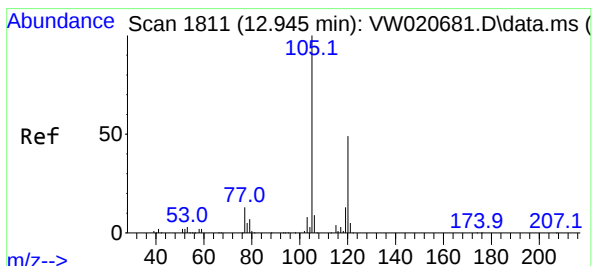
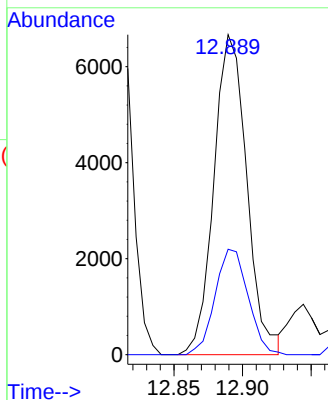
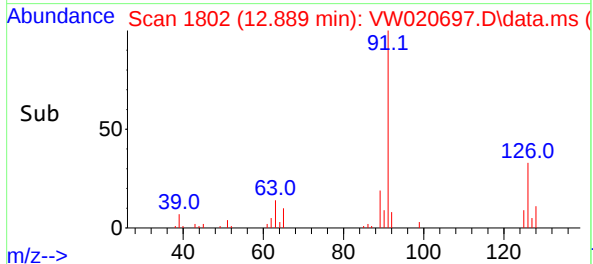
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



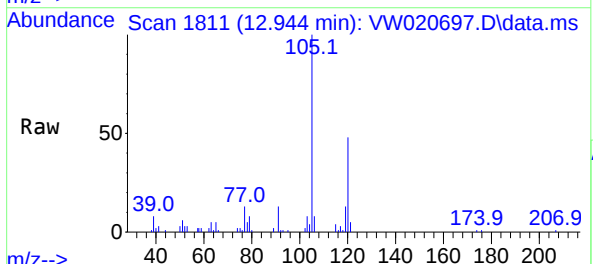
Tgt Ion: 91 Resp: 11143
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

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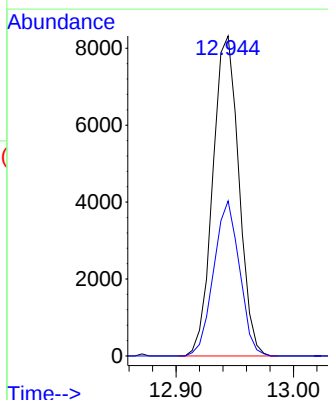
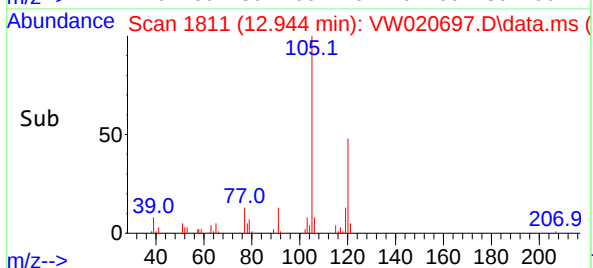
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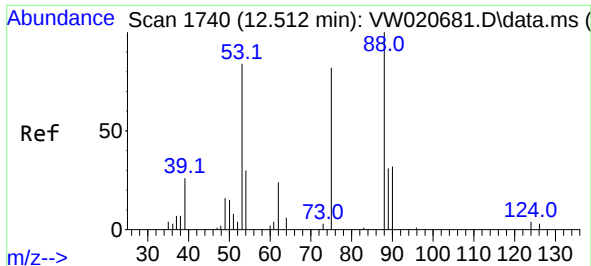


#80
1,3,5-Trimethylbenzene
Concen: 2.622 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



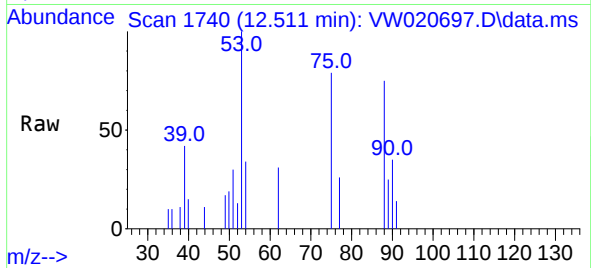
Tgt Ion: 105 Resp: 12835
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 2.241 ug/l m
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

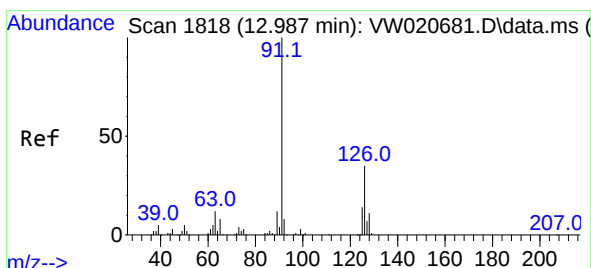
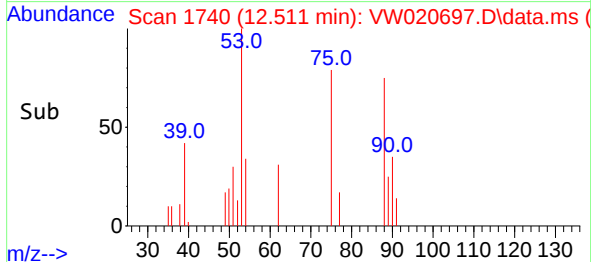
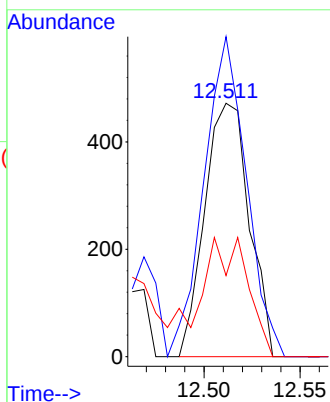
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



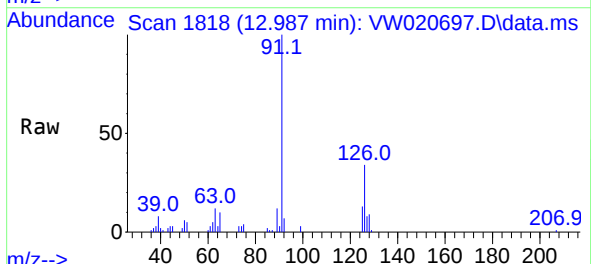
Tgt Ion: 75 Resp: 760
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#

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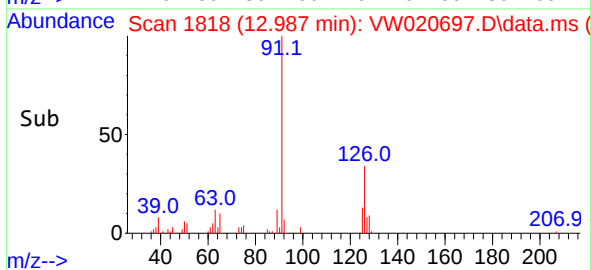
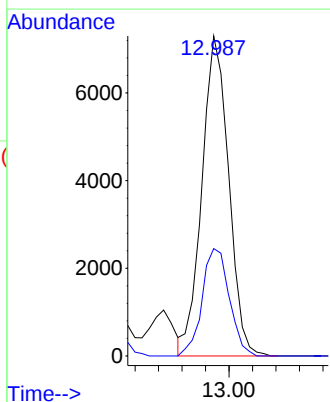
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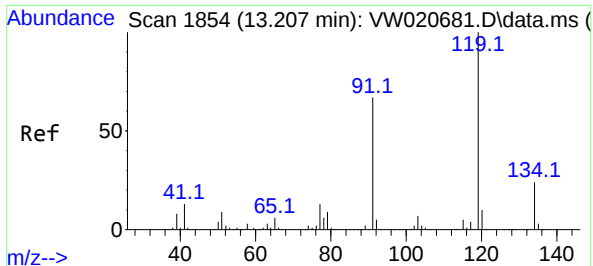


#82
4-Chlorotoluene
Concen: 2.743 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

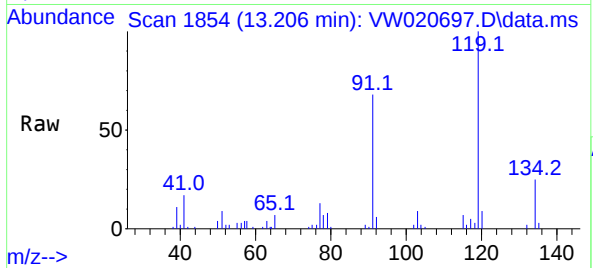


Tgt Ion: 91 Resp: 11546
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.4

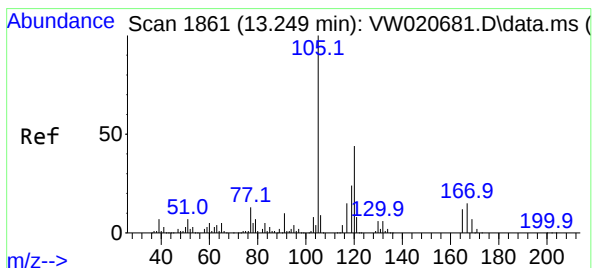
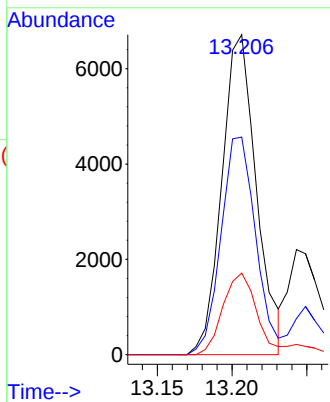
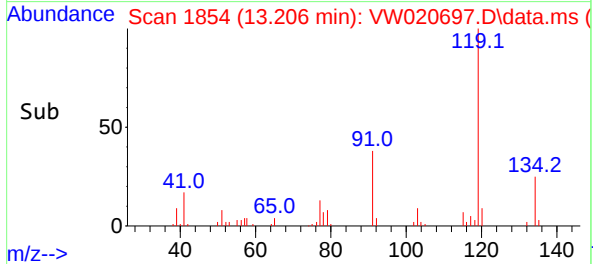




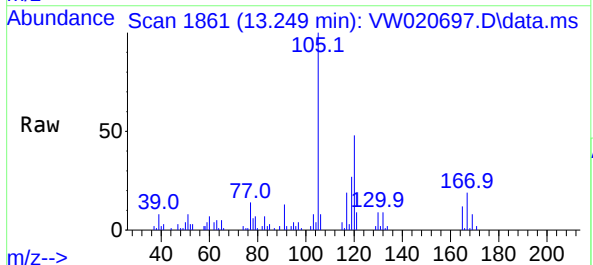
#83
tert-Butylbenzene
Concen: 2.555 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



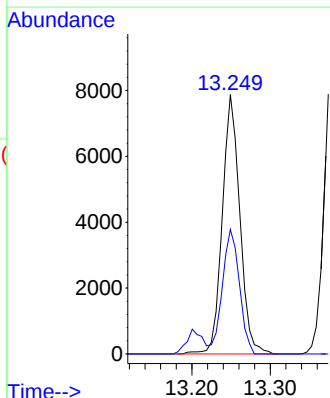
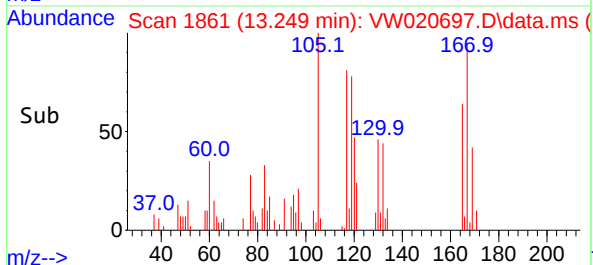
Tgt Ion:119 Resp: 10795
Ion Ratio Lower Upper
119 100
91 68.2 32.9 98.7
134 25.2 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 2.534 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



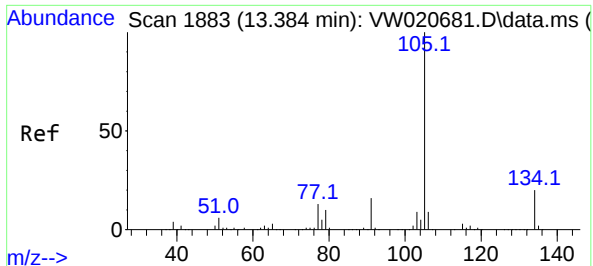
Tgt Ion:105 Resp: 12281
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.7



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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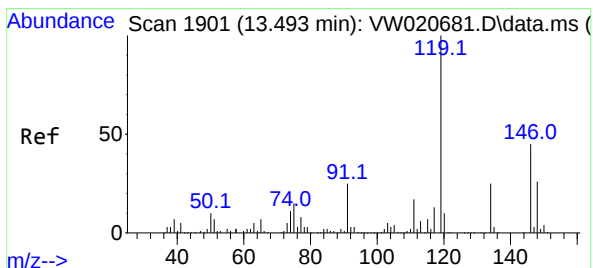
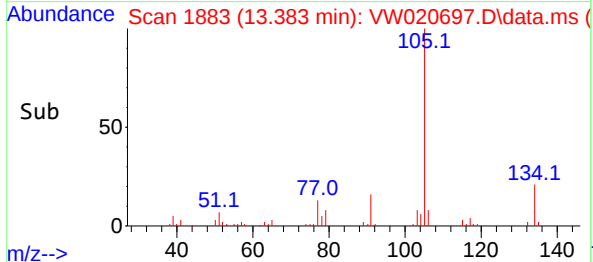
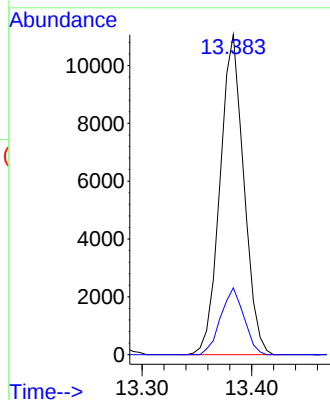
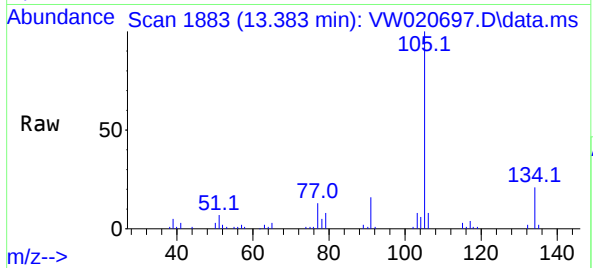
#85
sec-Butylbenzene
Concen: 2.637 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:105 Resp: 16712
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

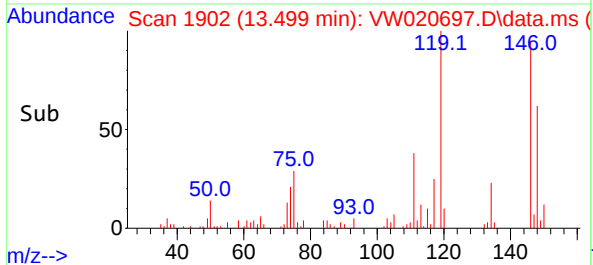
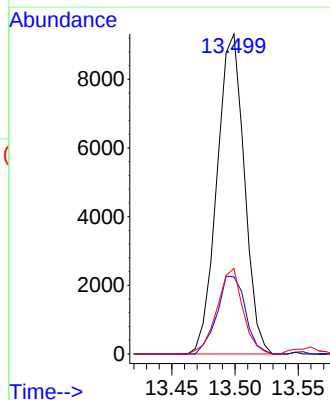
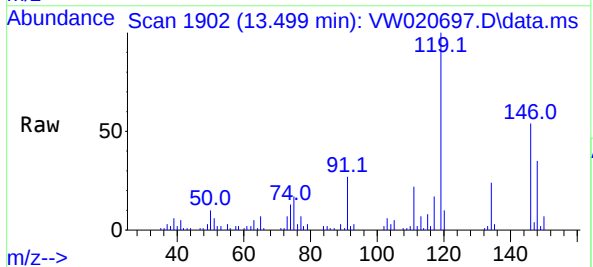
Manual Integrations
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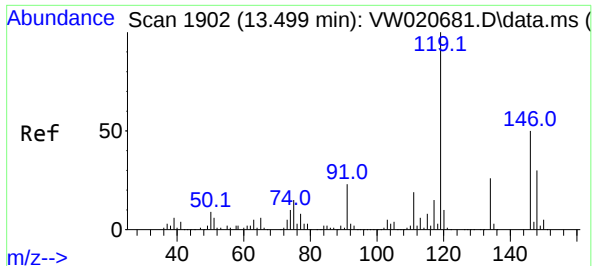
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#86
p-Isopropyltoluene
Concen: 2.594 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:119 Resp: 13983
Ion Ratio Lower Upper
119 100
134 25.2 13.0 38.9
91 25.3 12.0 36.0





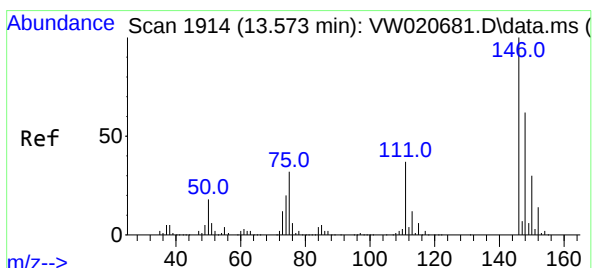
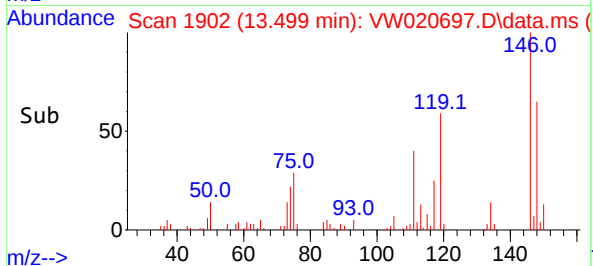
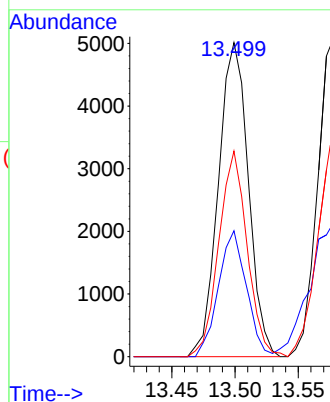
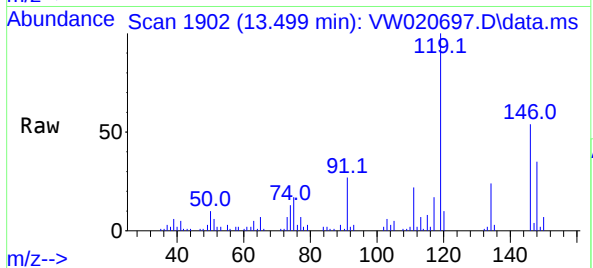
#87
1,3-Dichlorobenzene
Concen: 2.951 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion:146 Resp: 8250
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 62.0 30.8 92.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

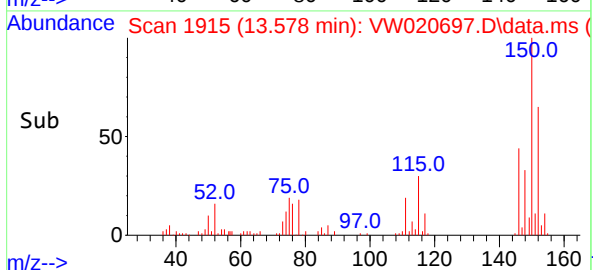
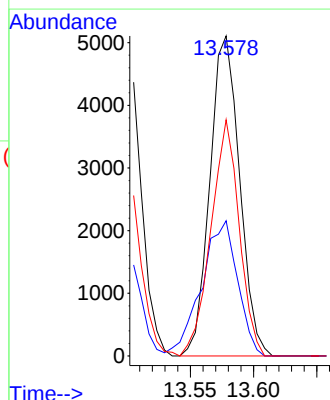
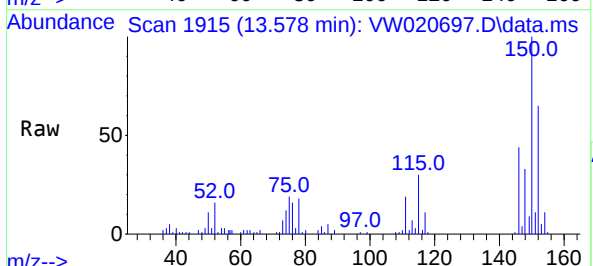
Manual Integrations
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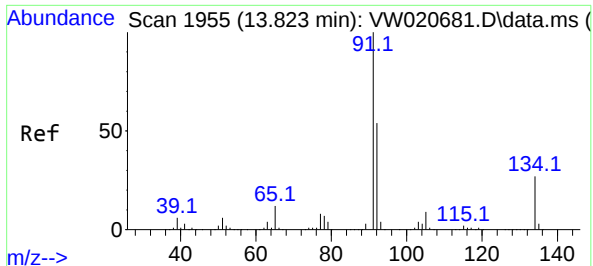
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#88
1,4-Dichlorobenzene
Concen: 2.991 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

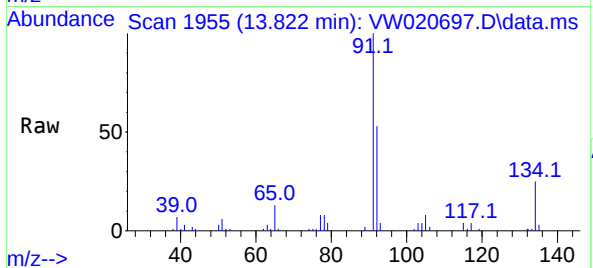
Tgt Ion:146 Resp: 8349
Ion Ratio Lower Upper
146 100
111 51.3 19.4 58.4
148 70.1 32.4 97.2





#89
n-Butylbenzene
Concen: 2.696 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

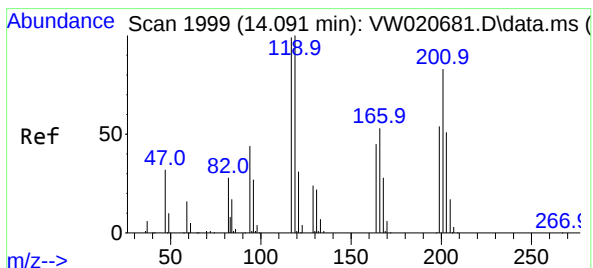
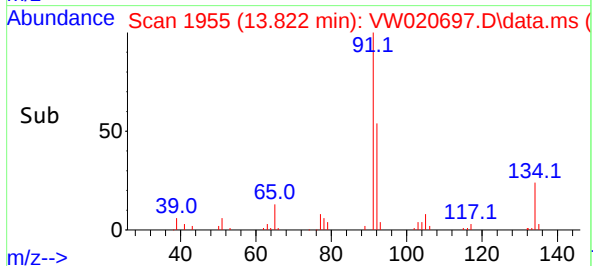
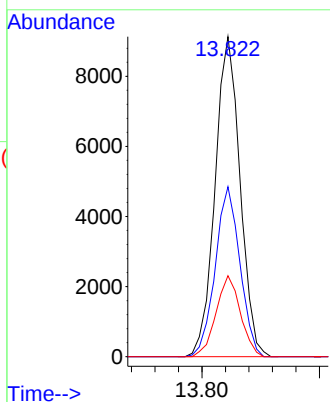
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



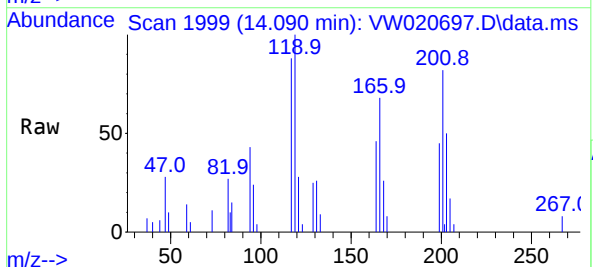
Tgt Ion: 91 Resp: 13478
Ion Ratio Lower Upper
91 100
92 52.4 27.1 81.2
134 24.6 13.4 40.1

Manual Integrations
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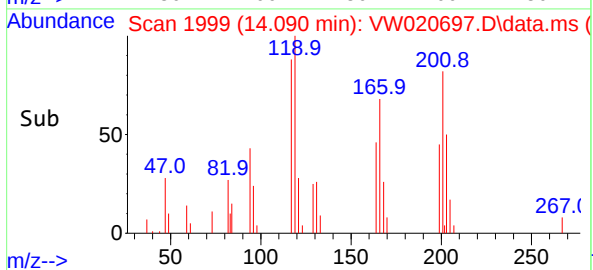
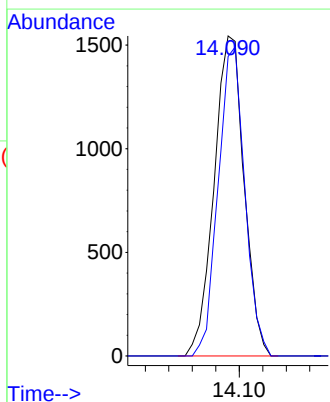
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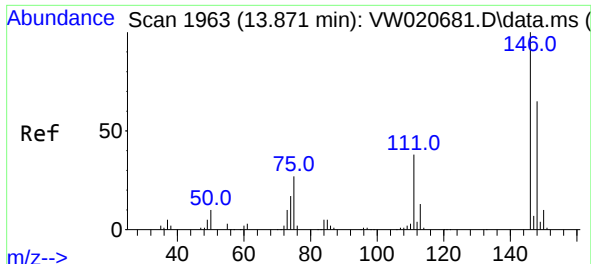


#90
Hexachloroethane
Concen: 2.913 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



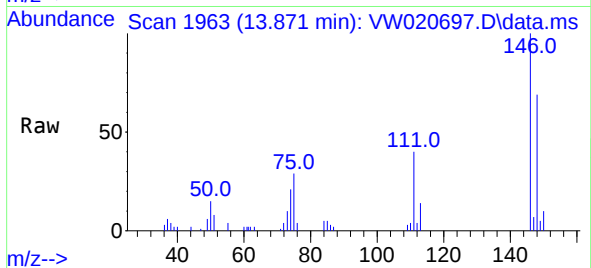
Tgt Ion: 117 Resp: 2741
Ion Ratio Lower Upper
117 100
201 85.5 42.4 127.3





#91
1,2-Dichlorobenzene
Concen: 2.883 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

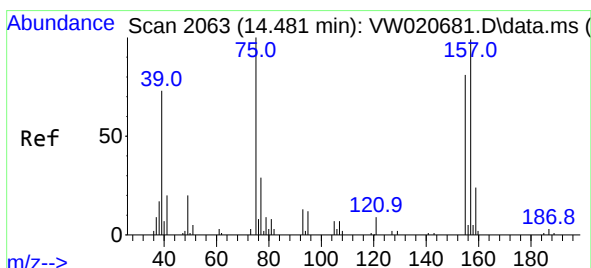
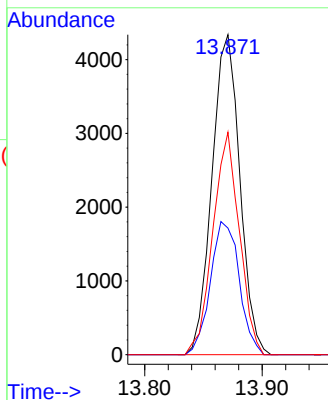
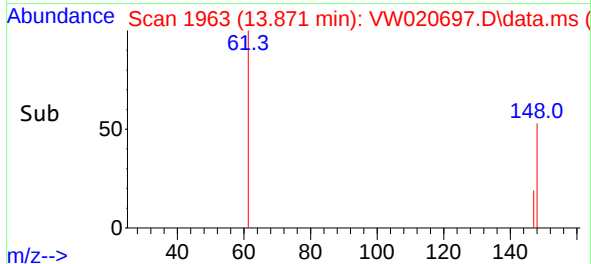
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



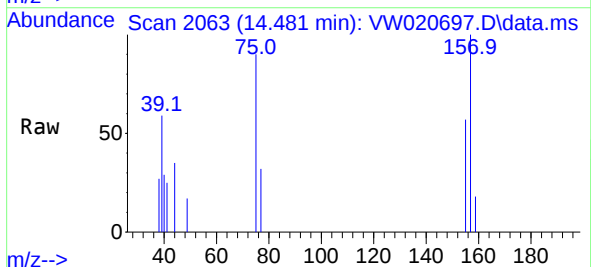
Tgt Ion:146 Resp: 7157
Ion Ratio Lower Upper
146 100
111 43.0 20.4 61.3
148 66.1 32.0 96.2

Manual Integrations
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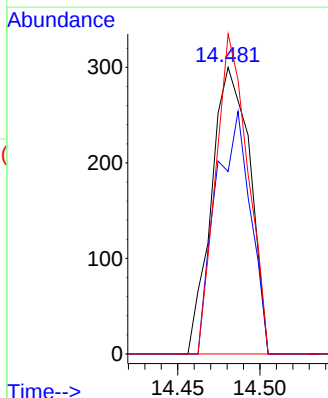
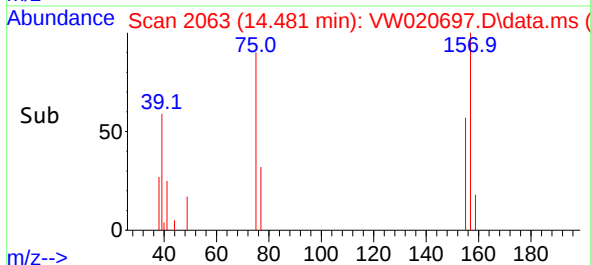
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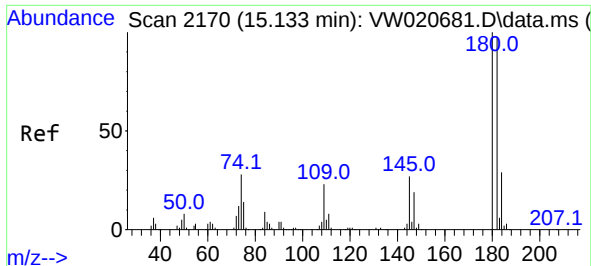


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.548 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



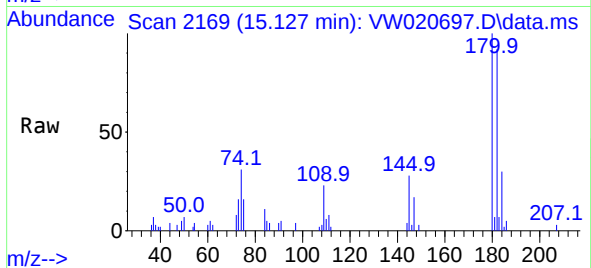
Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
155 76.2 42.5 127.6
157 93.0 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 3.124 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

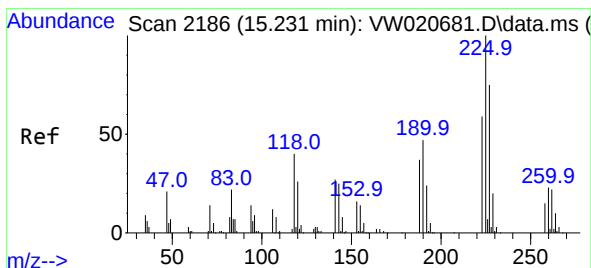
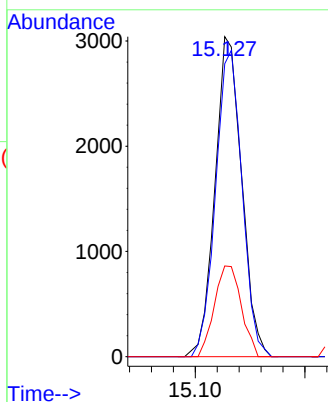
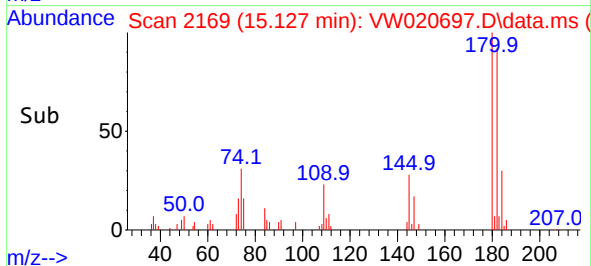
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



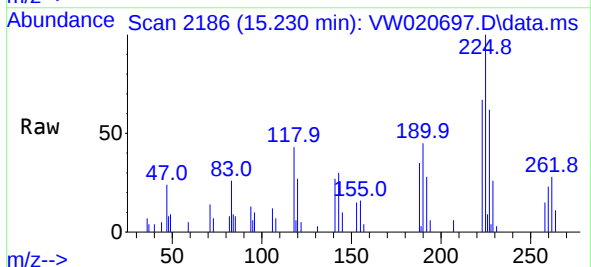
Tgt Ion:180 Resp: 5145
Ion Ratio Lower Upper
180 100
182 94.6 49.4 148.2
145 28.5 15.2 45.6

Manual Integrations
APPROVED

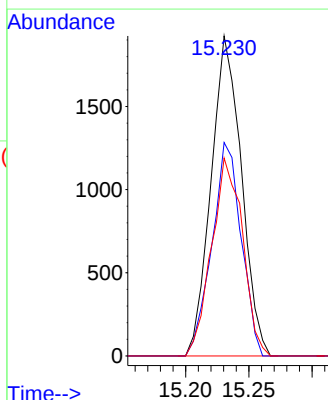
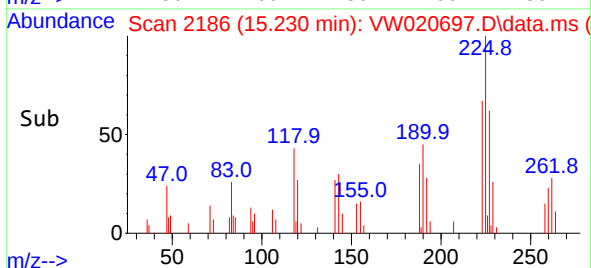
MMDadoda
10/27/2021 5:02:18 PM

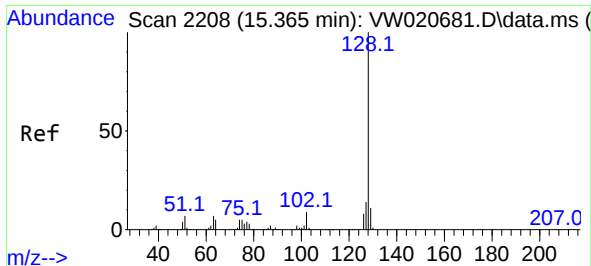


#94
Hexachlorobutadiene
Concen: 3.011 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28



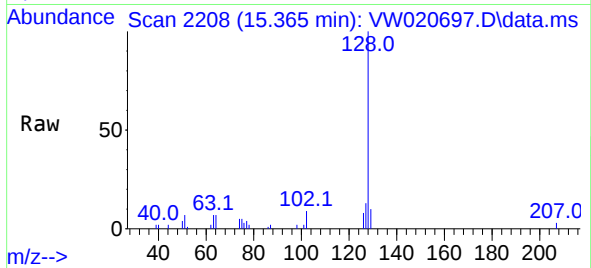
Tgt Ion:225 Resp: 3211
Ion Ratio Lower Upper
225 100
223 64.1 29.8 89.5
227 62.9 32.8 98.4





#95
Naphthalene
Concen: 2.472 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

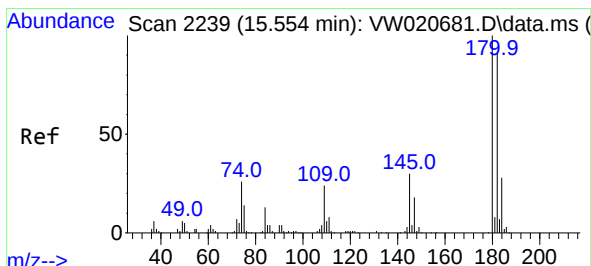
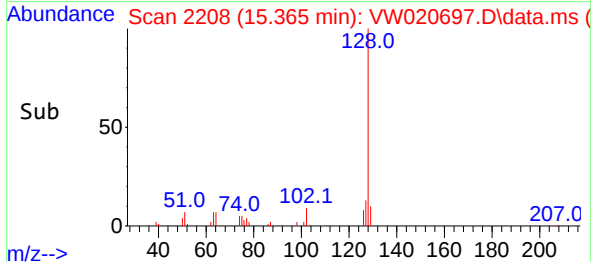
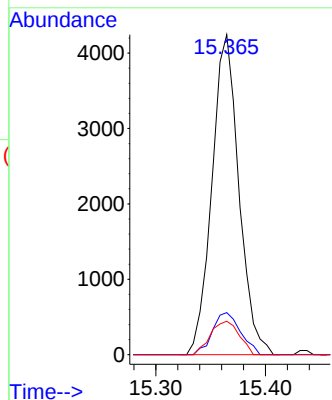
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.1	16.7
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:02:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.151 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020697.D
Acq: 26 Oct 2021 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.1	46.4	139.2
145	28.8	15.7	47.0

