

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020698.D
 Acq On : 26 Oct 2021 13:52
 Operator : SY/VA
 Sample : M4068-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 27 06:08:11 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	108873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	164857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	146802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	80078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	60227	49.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.580%		
35) Dibromofluoromethane	7.884	113	53878	49.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.940%		
50) Toluene-d8	10.323	98	205332	49.827	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.660%		
62) 4-Bromofluorobenzene	12.615	95	75701	50.111	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	636	2.217	ug/l	97
3) Chloromethane	2.208	50	3204	4.448	ug/l	100
4) Vinyl Chloride	2.355	62	3618	3.915	ug/l	99
5) Bromomethane	2.769	94	2588	4.712	ug/l	94
6) Chloroethane	2.916	64	1483	3.611	ug/l	100
7) Trichlorofluoromethane	3.251	101	2704	4.090	ug/l	99
8) Diethyl Ether	3.678	74	2075	3.935	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	4653	4.289	ug/l	98
10) Methyl Iodide	4.269	142	5308	3.941	ug/l	100
11) Tert butyl alcohol	5.171	59	1271m	17.157	ug/l	
12) 1,1-Dichloroethene	4.031	96	4299	4.243	ug/l	89
13) Acrolein	3.891	56	1289	19.437	ug/l	94
14) Allyl chloride	4.659	41	6931	4.237	ug/l	98
15) Acrylonitrile	5.372	53	4651	17.290	ug/l	99
16) Acetone	4.129	43	4920	16.643	ug/l	96
17) Carbon Disulfide	4.385	76	12490	4.242	ug/l	99
18) Methyl Acetate	4.677	43	3526	3.863	ug/l	98
19) Methyl tert-butyl Ether	5.439	73	6618	3.808	ug/l #	90
20) Methylene Chloride	4.915	84	10609	7.119	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	4730	4.180	ug/l	94
22) Diisopropyl ether	6.311	45	12696	3.967	ug/l	91
23) Vinyl Acetate	6.256	43	31845	16.987	ug/l	96
24) 1,1-Dichloroethane	6.220	63	9017	4.406	ug/l	99
25) 2-Butanone	7.177	43	5869	15.910	ug/l	94
26) 2,2-Dichloropropane	7.165	77	5764	4.304	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	5003	4.149	ug/l	97
28) Bromochloromethane	7.518	49	3819	4.514	ug/l #	99
29) Tetrahydrofuran	7.537	42	3480	15.419	ug/l	98
30) Chloroform	7.683	83	9147	4.285	ug/l	97
31) Cyclohexane	7.951	56	10440	5.085	ug/l #	84
32) 1,1,1-Trichloroethane	7.872	97	7861	4.355	ug/l	99
36) 1,1-Dichloropropene	8.079	75	7124	4.013	ug/l	99
37) Ethyl Acetate	7.250	43	2990	3.640	ug/l #	91
38) Carbon Tetrachloride	8.067	117	7249	4.118	ug/l	94
39) Methylcyclohexane	9.335	83	8311	4.015	ug/l	94
40) Benzene	8.323	78	22678	4.668	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1703	3.558	ug/l	91
42) 1,2-Dichloroethane	8.402	62	6646	4.249	ug/l	98
43) Isopropyl Acetate	8.421	43	5310	3.483	ug/l #	91
44) Trichloroethene	9.091	130	5382	4.076	ug/l	98
45) 1,2-Dichloropropane	9.366	63	4840	4.156	ug/l	98
46) Dibromomethane	9.463	93	2552	3.900	ug/l	95
47) Bromodichloromethane	9.646	83	6504	4.033	ug/l	99
48) Methyl methacrylate	9.439	41	2208	3.010	ug/l	94
49) 1,4-Dioxane	9.445	88	531	61.061	ug/l	99
51) 4-Methyl-2-Pentanone	10.213	43	12757	15.390	ug/l	98
52) Toluene	10.390	92	13520	4.430	ug/l	95
53) t-1,3-Dichloropropene	10.603	75	6114	3.725	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	7113	3.825	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	3532	3.874	ug/l	96
56) Ethyl methacrylate	10.646	69	3778	3.224	ug/l	96
57) 1,3-Dichloropropane	10.932	76	6069	3.842	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.926	63	9144	17.310	ug/l	100
59) 2-Hexanone	10.969	43	8685	14.809	ug/l	95
60) Dibromochloromethane	11.127	129	3867	3.598	ug/l	94
61) 1,2-Dibromoethane	11.237	107	3119	3.536	ug/l	93
64) Tetrachloroethene	10.865	164	5037	4.419	ug/l	90
65) Chlorobenzene	11.658	112	13724	4.343	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	4775	4.168	ug/l	99
67) Ethyl Benzene	11.731	91	23365	4.083	ug/l	99
68) m/p-Xylenes	11.841	106	17775	8.034	ug/l	98
69) o-Xylene	12.164	106	7970	3.909	ug/l	95
70) Styrene	12.182	104	13328	3.816	ug/l	98
71) Bromoform	12.347	173	2434	3.624	ug/l #	96
73) Isopropylbenzene	12.463	105	22144	3.839	ug/l	98
74) N-amyl acetate	12.274	43	4431	3.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	3998	3.700	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	3311m	3.732	ug/l	
77) Bromobenzene	12.743	156	5600	4.047	ug/l	99
78) n-propylbenzene	12.804	91	29238	4.127	ug/l	98
79) 2-Chlorotoluene	12.889	91	16668	4.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	19718	3.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	1150m	3.330	ug/l	
82) 4-Chlorotoluene	12.987	91	17779	4.148	ug/l	96
83) tert-Butylbenzene	13.206	119	16905	3.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	19340	3.919	ug/l	98
85) sec-Butylbenzene	13.383	105	25955	4.021	ug/l	98
86) p-Isopropyltoluene	13.499	119	21381	3.894	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	12043	4.230	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	12331	4.337	ug/l	95
89) n-Butylbenzene	13.822	91	20205	3.968	ug/l	98
90) Hexachloroethane	14.090	117	3979	4.152	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	10294	4.071	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.480	75	658	3.373	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	7143	4.258	ug/l	94
94) Hexachlorobutadiene	15.230	225	5075	4.672	ug/l	93
95) Naphthalene	15.358	128	9711	3.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	6198	4.081	ug/l	97

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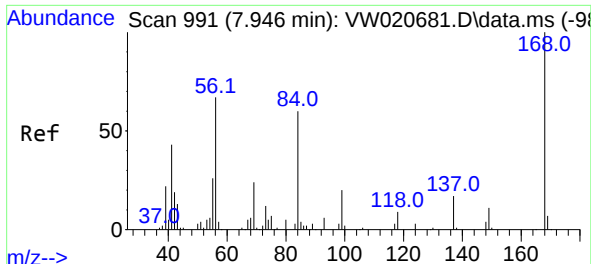
Manual Integrations
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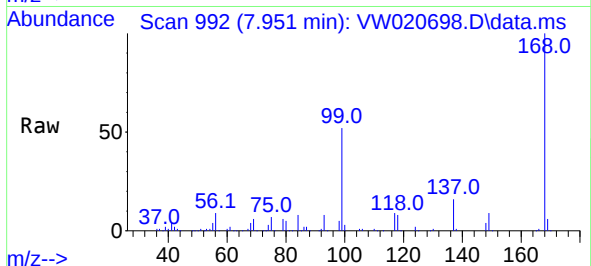
Quant Time: Oct 27 06:08:11 2021
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Quant Title : SW846 8260
QLast Update : Wed Oct 27 06:07:22 2021
Response via : Initial Calibration

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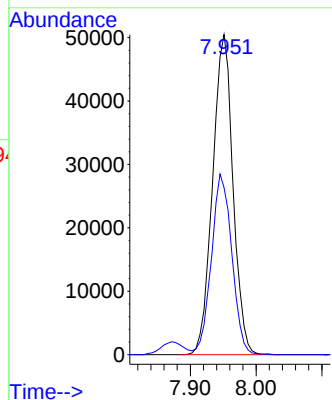
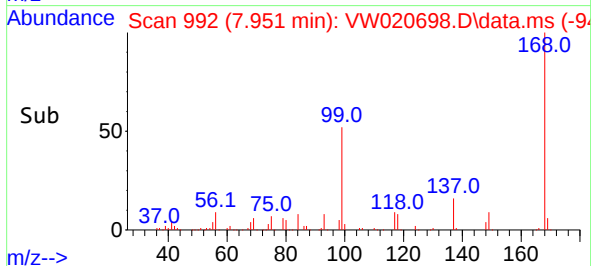
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.005 min
Lab File: VW020698.D
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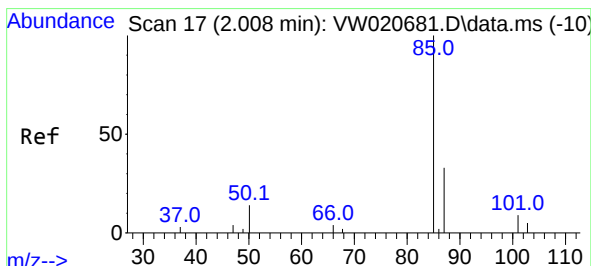
Tgt Ion: 168 Resp: 108873
Ion Ratio Lower Upper
168 100
99 52.2 45.4 68.0



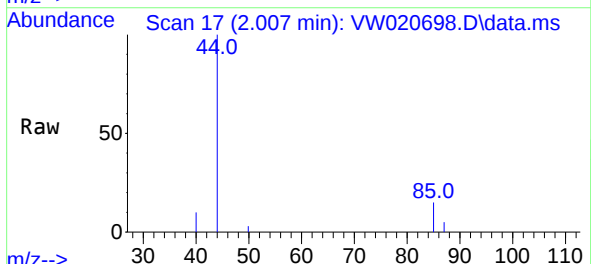
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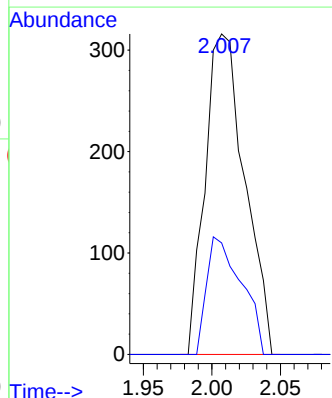
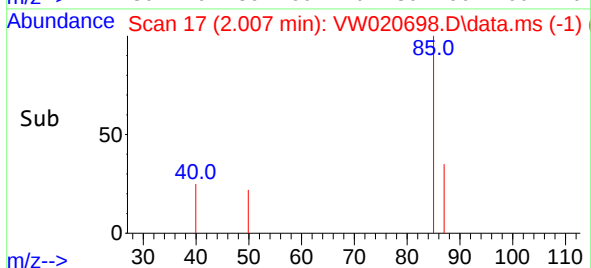
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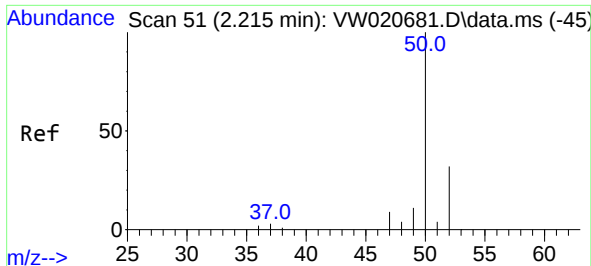


#2
Dichlorodifluoromethane
Concen: 2.217 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 85 Resp: 636
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.0





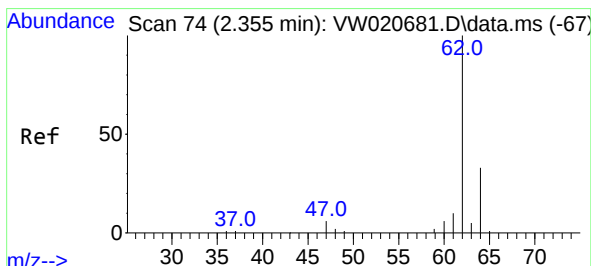
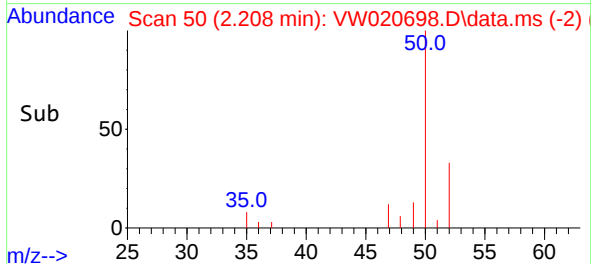
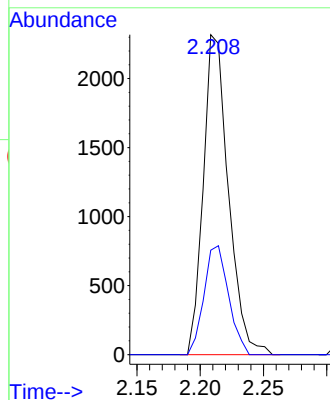
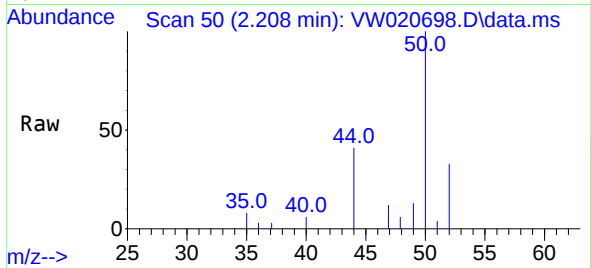
#3
Chloromethane
Concen: 4.448 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 50 Resp: 3204
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

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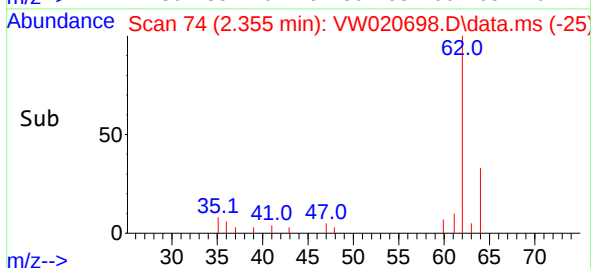
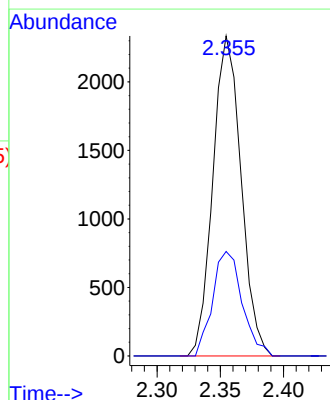
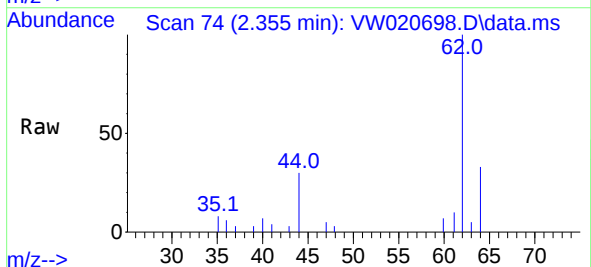
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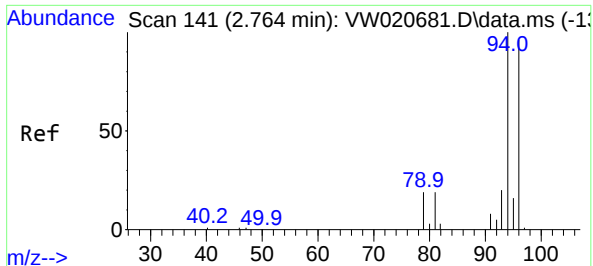
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#4
Vinyl Chloride
Concen: 3.915 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

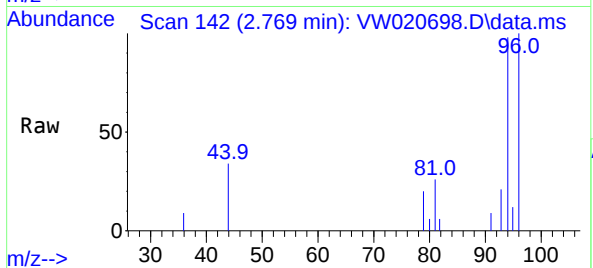
Tgt Ion: 62 Resp: 3618
Ion Ratio Lower Upper
62 100
64 32.7 26.6 40.0





#5
Bromomethane
Concen: 4.712 ug/l
RT: 2.769 min Scan# 142
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

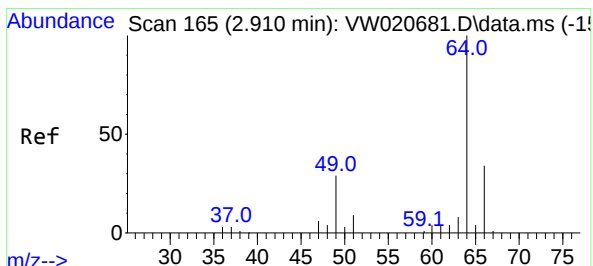
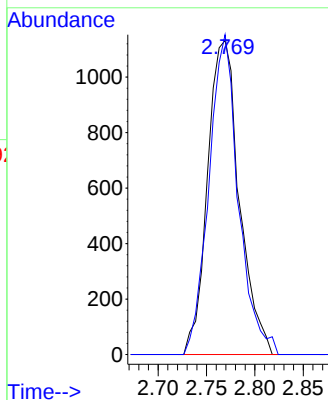
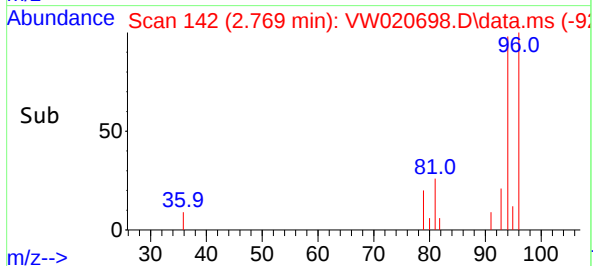
Instrument :
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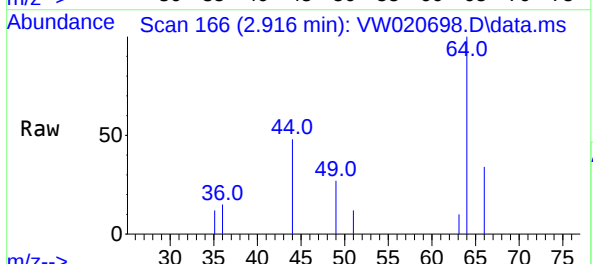
Tgt Ion: 94 Resp: 2588
Ion Ratio Lower Upper
94 100
96 101.9 76.7 115.1

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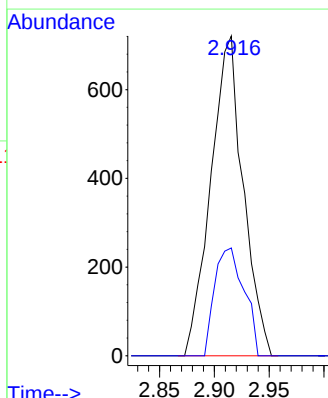
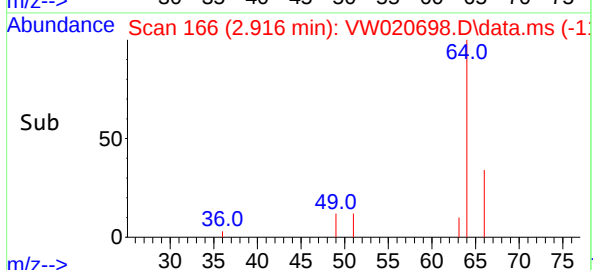
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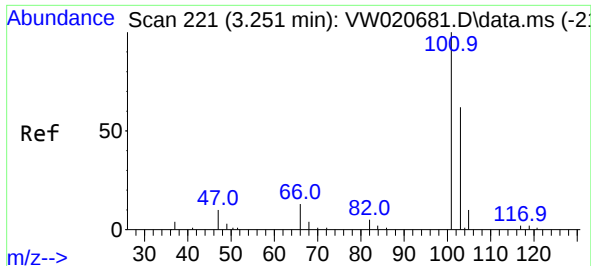


#6
Chloroethane
Concen: 3.611 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 64 Resp: 1483
Ion Ratio Lower Upper
64 100
66 33.7 27.0 40.4





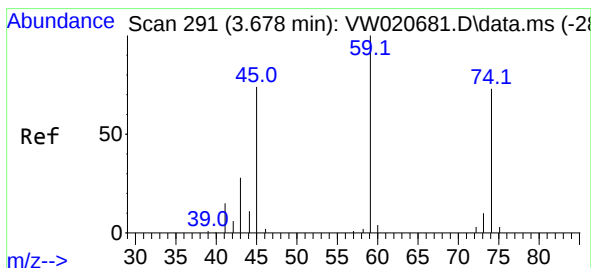
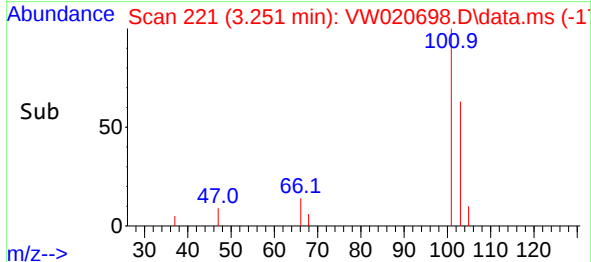
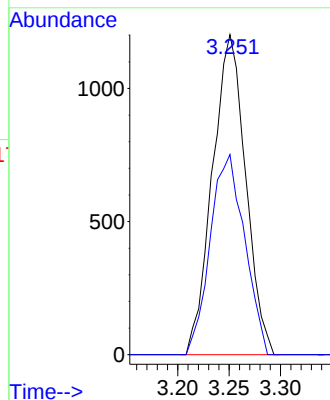
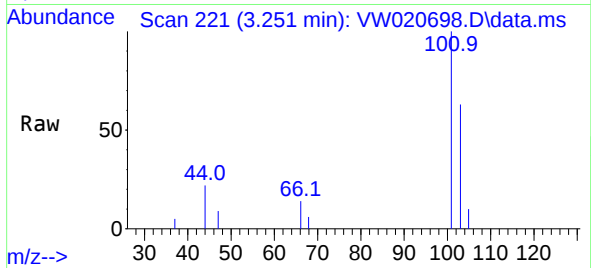
#7
 Trichlorofluoromethane
 Concen: 4.090 ug/l
 RT: 3.251 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VW020698.D
 Acq: 26 Oct 2021 13:52

Tgt Ion: 101 Resp: 2704
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.4 74.0

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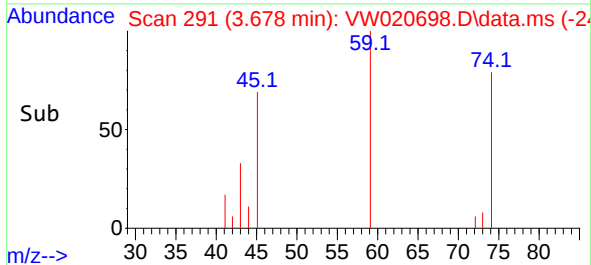
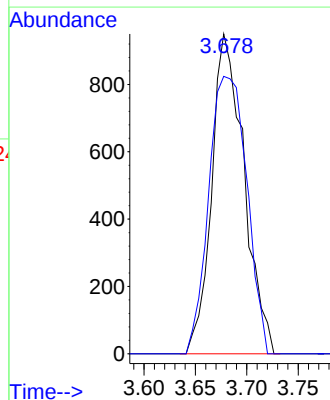
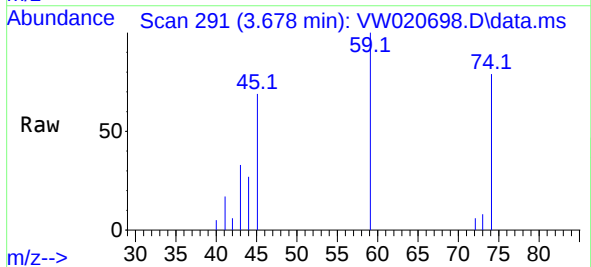
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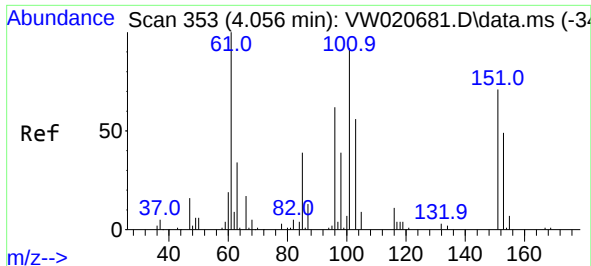
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#8
 Diethyl Ether
 Concen: 3.935 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.000 min
 Lab File: VW020698.D
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Tgt Ion: 74 Resp: 2075
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.0 150.1





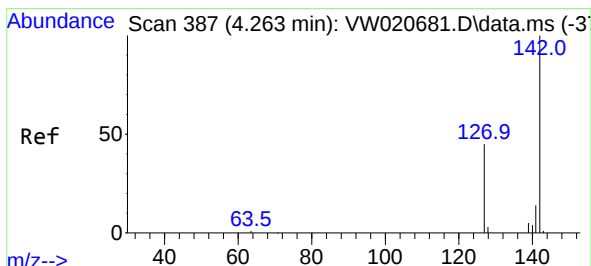
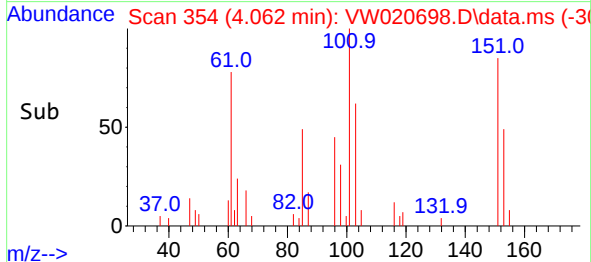
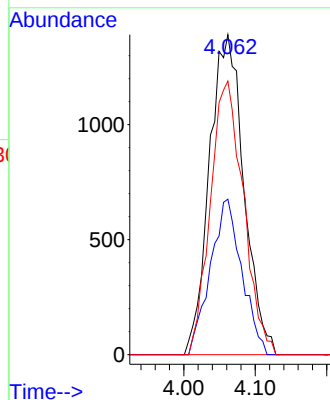
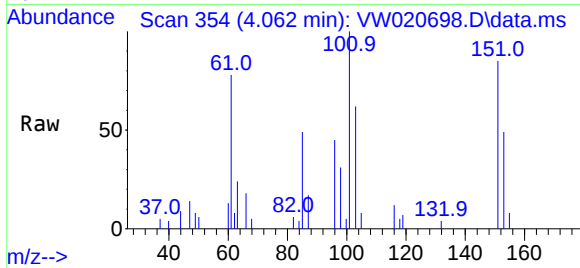
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.289 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:	101	Resp:	4653
Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.9	52.3
151	82.1	64.5	96.7

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

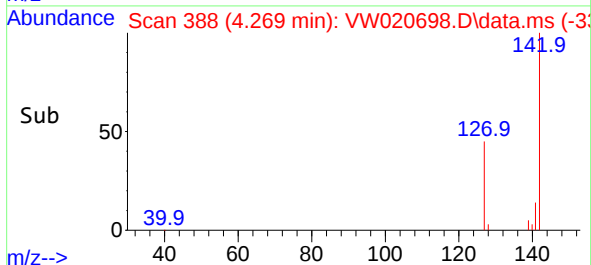
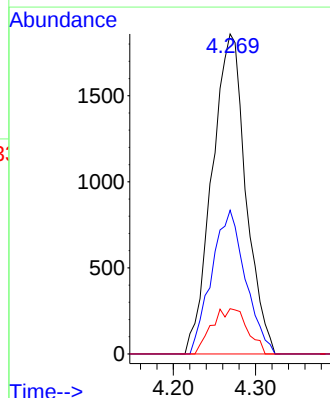
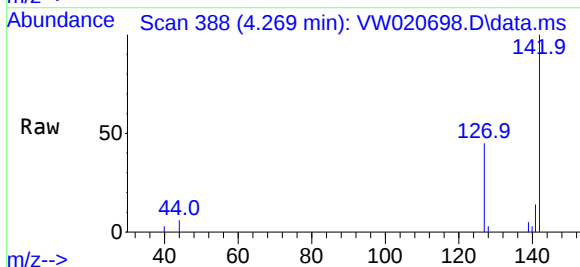
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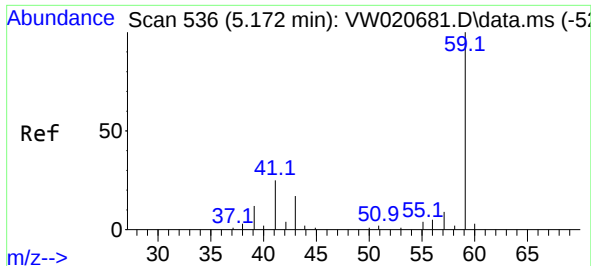
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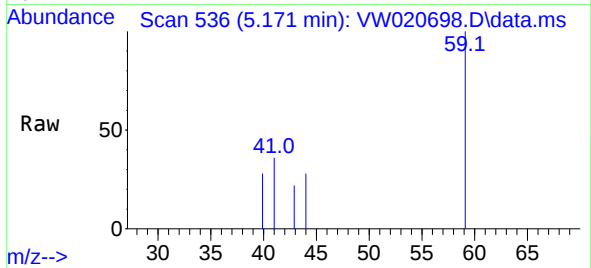
#10
Methyl Iodide
Concen: 3.941 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:	142	Resp:	5308
Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.8	53.6
141	14.9	11.8	17.6

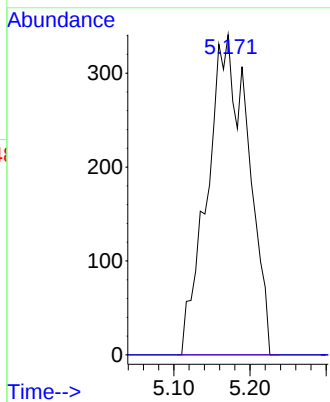
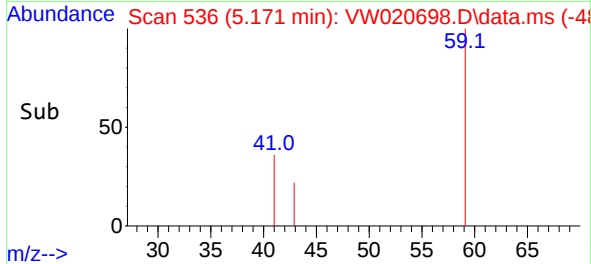




#11
Tert butyl alcohol
Concen: 17.157 ug/l m
RT: 5.171 min Scan# 536
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



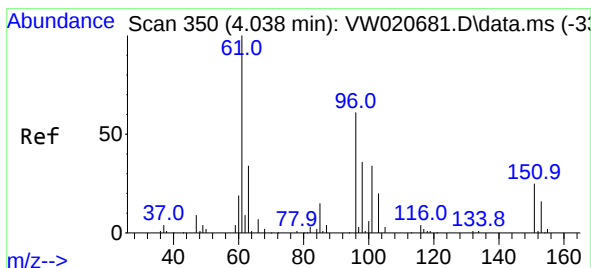
Tgt Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#



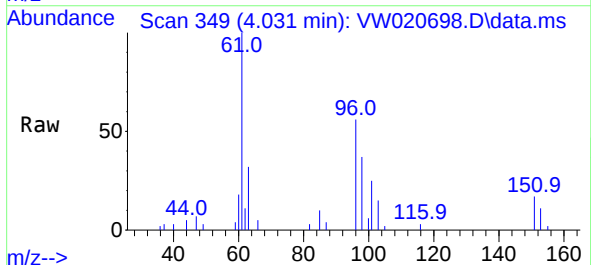
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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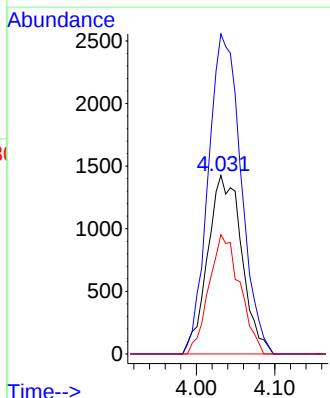
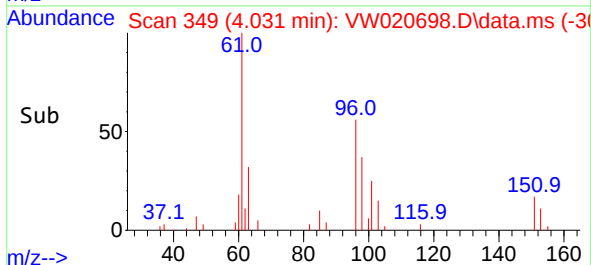
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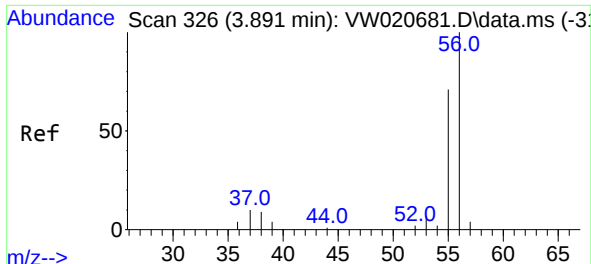


#12
1,1-Dichloroethene
Concen: 4.243 ug/l
RT: 4.031 min Scan# 349
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



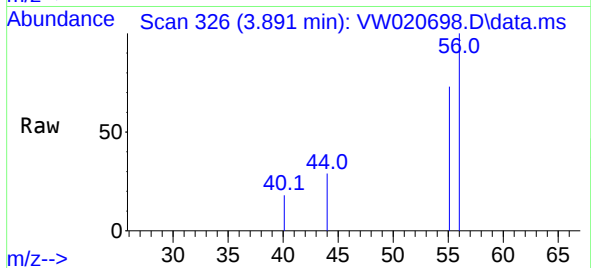
Tgt Ion: 96 Resp: 4299
Ion Ratio Lower Upper
96 100
61 179.2 131.0 196.6
98 66.8 47.8 71.6





#13
Acrolein
Concen: 19.437 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

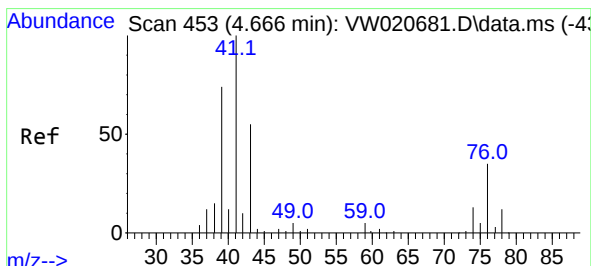
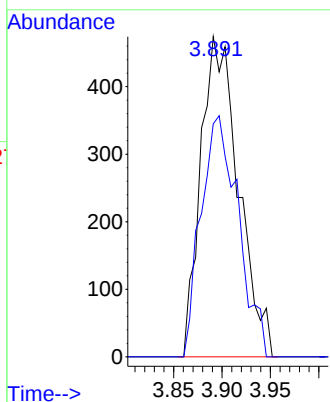
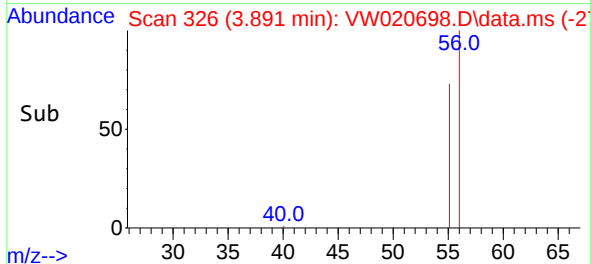
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



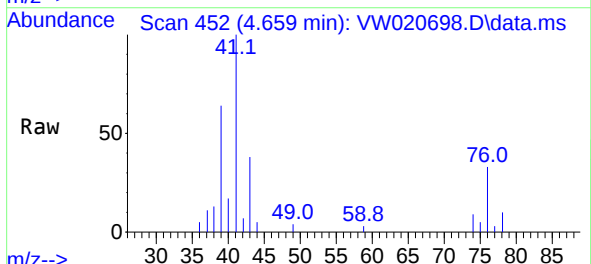
Tgt Ion: 56 Resp: 1289
Ion Ratio Lower Upper
56 100
55 74.2 55.5 83.3

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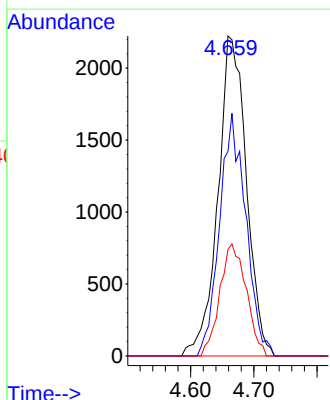
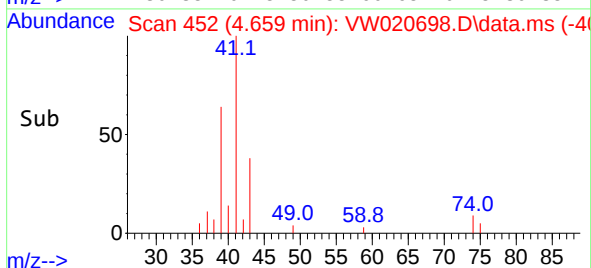
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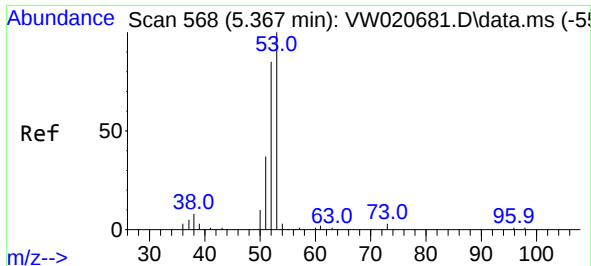


#14
Allyl chloride
Concen: 4.237 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



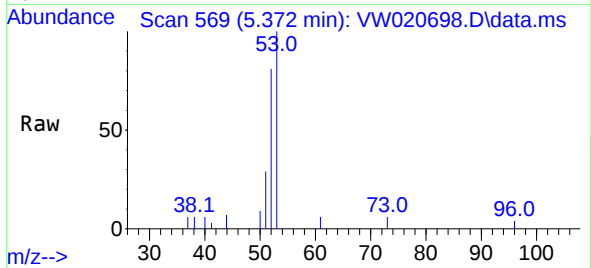
Tgt Ion: 41 Resp: 6931
Ion Ratio Lower Upper
41 100
39 69.9 57.1 85.7
76 32.5 27.1 40.7





#15
Acrylonitrile
Concen: 17.290 ug/l
RT: 5.372 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

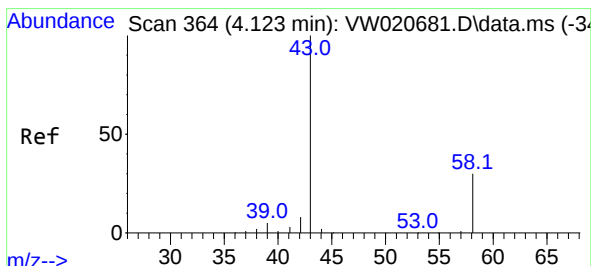
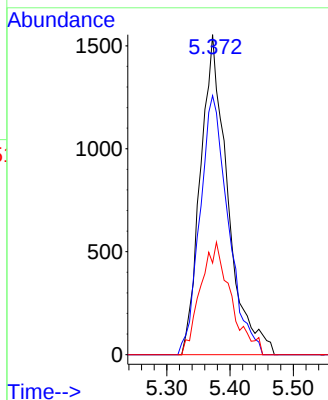
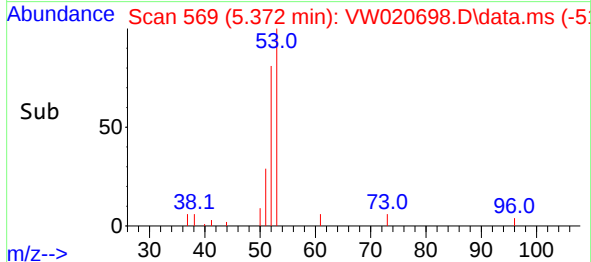
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



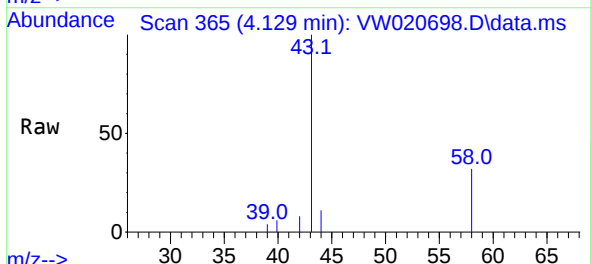
Tgt Ion:	53	Resp:	4651
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.8	100.2
51	39.3	30.1	45.1

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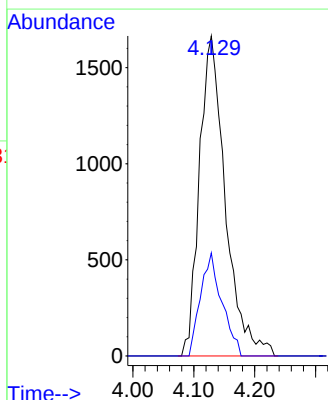
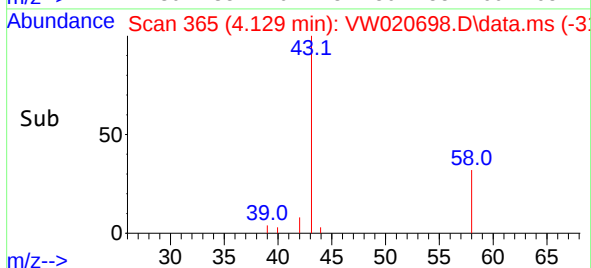
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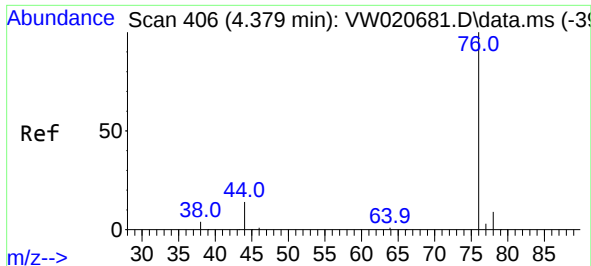


#16
Acetone
Concen: 16.643 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



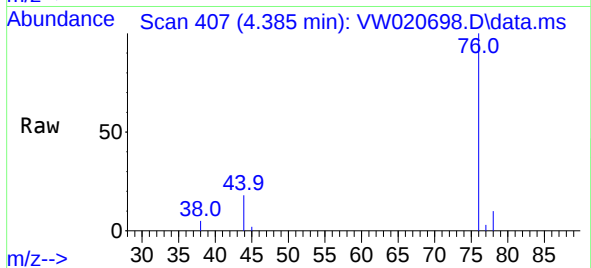
Tgt Ion:	43	Resp:	4920
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.2	36.2





#17
Carbon Disulfide
Concen: 4.242 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

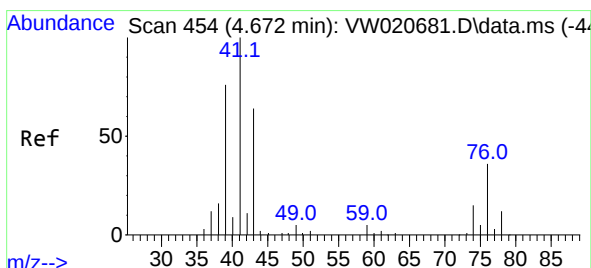
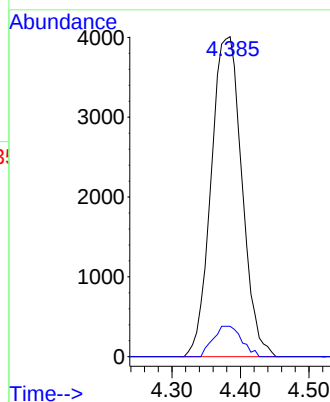
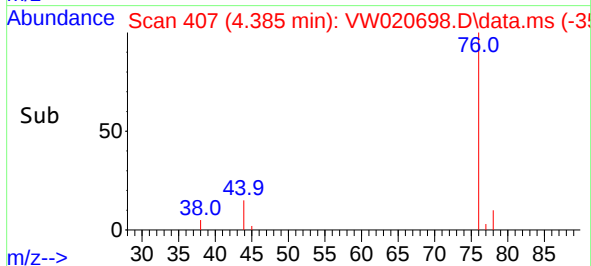
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



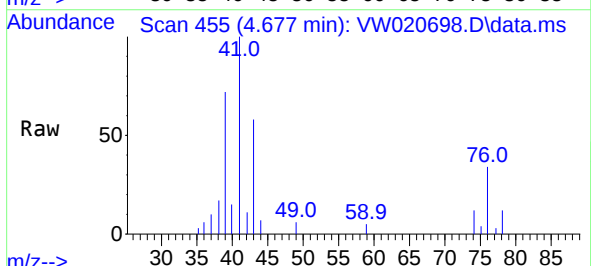
Tgt Ion: 76 Resp: 12490
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

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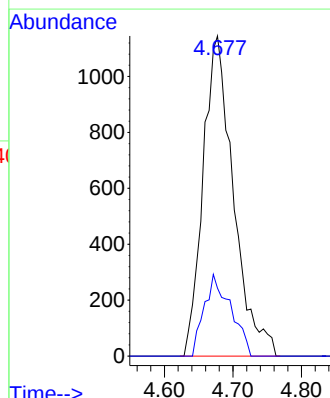
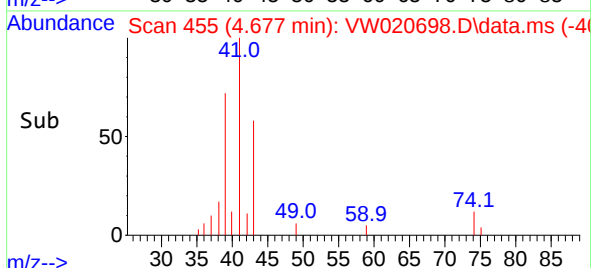
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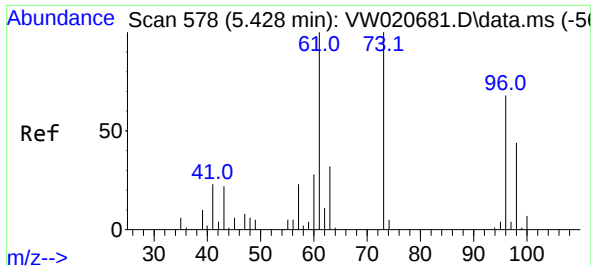


#18
Methyl Acetate
Concen: 3.863 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

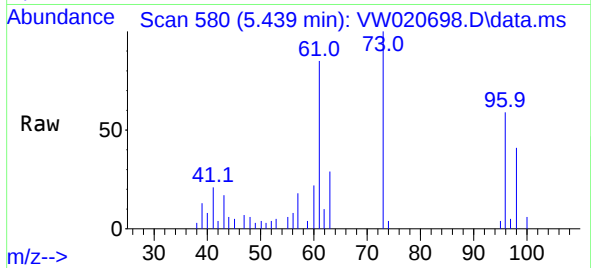


Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
74 22.3 18.7 28.1

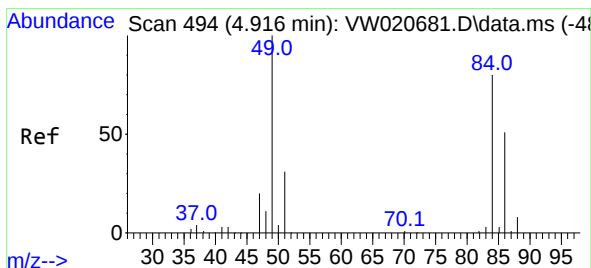
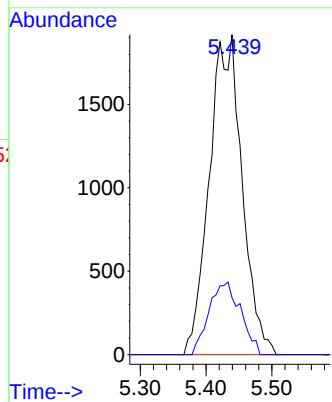
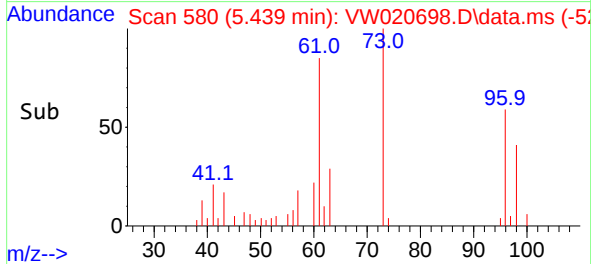




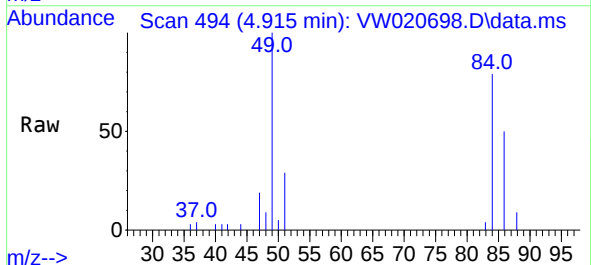
#19
Methyl tert-butyl Ether
Concen: 3.808 ug/l
RT: 5.439 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



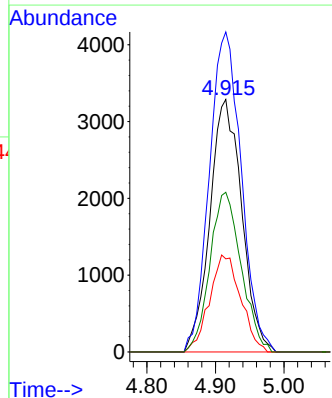
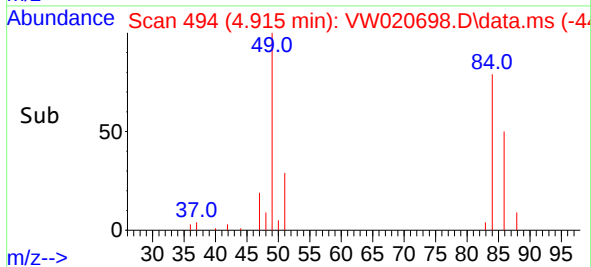
Tgt Ion: 73 Resp: 6618
Ion Ratio Lower Upper
73 100
57 17.7 18.2 27.4#



#20
Methylene Chloride
Concen: 7.119 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



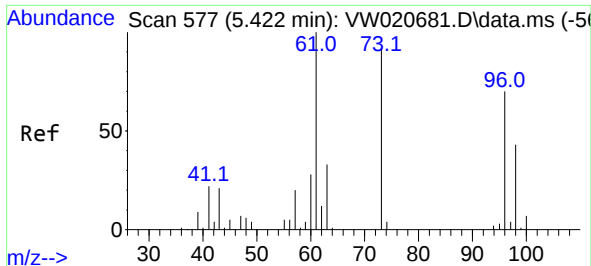
Tgt Ion: 84 Resp: 10609
Ion Ratio Lower Upper
84 100
49 126.8 100.0 150.0
51 36.9 30.8 46.2
86 63.2 50.6 76.0



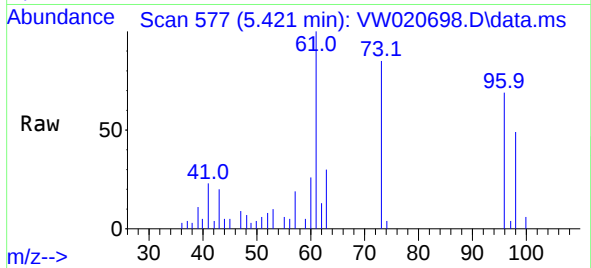
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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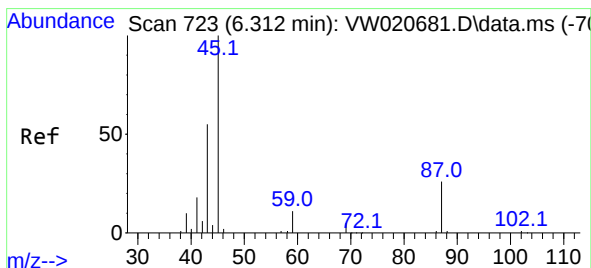
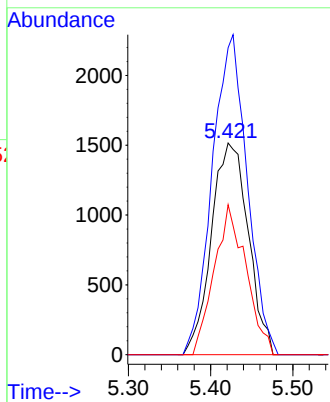
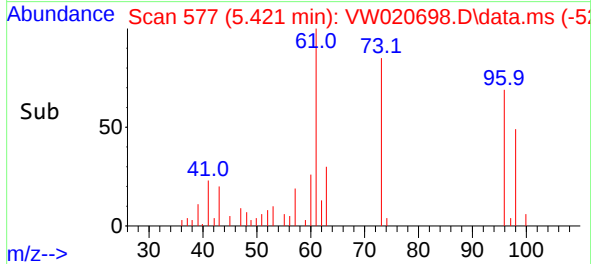


#21
trans-1,2-Dichloroethene
Concen: 4.180 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

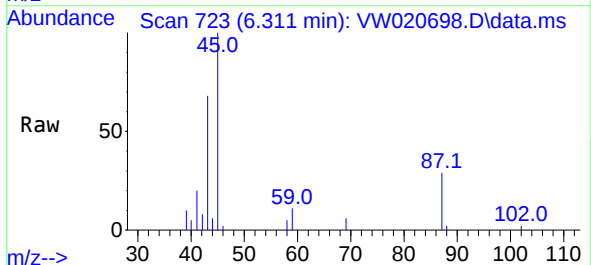


Tgt Ion: 96 Resp: 4730

Ion	Ratio	Lower	Upper
96	100		
61	145.0	113.5	170.3
98	70.8	48.6	72.8

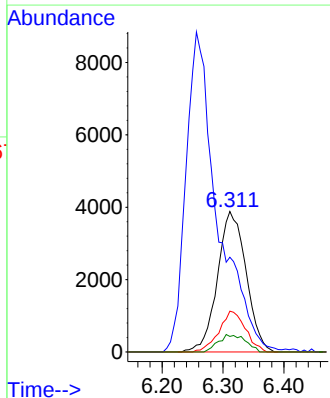
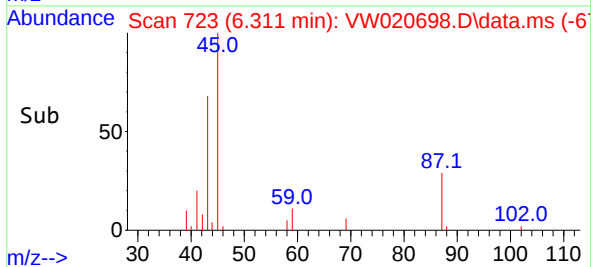


#22
Diisopropyl ether
Concen: 3.967 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 45 Resp: 12696

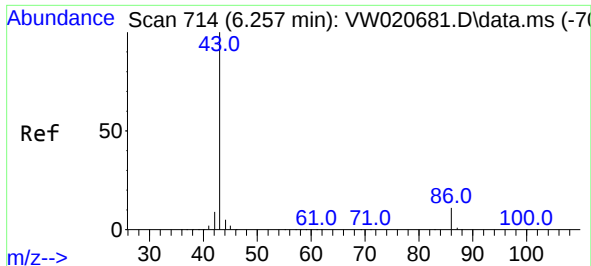
Ion	Ratio	Lower	Upper
45	100		
43	65.8	45.1	67.7
87	29.0	21.2	31.8
59	11.1	9.2	13.8



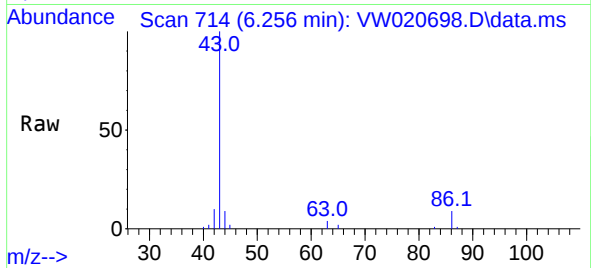
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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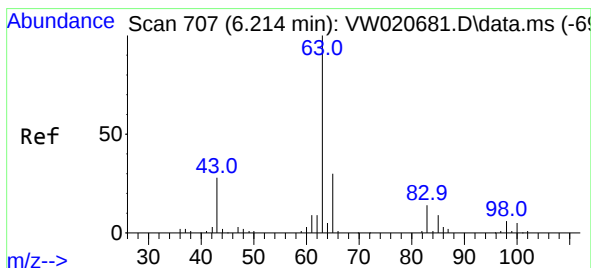
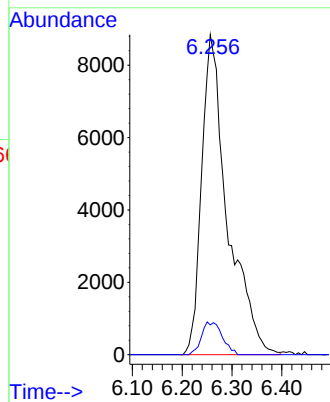
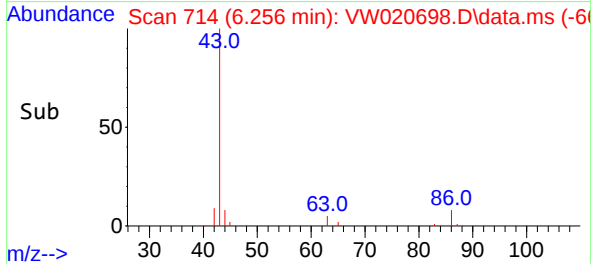
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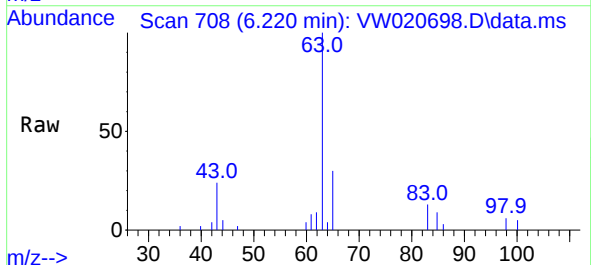
#23
 Vinyl Acetate
 Concen: 16.987 ug/l
 RT: 6.256 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW020698.D
 Acq: 26 Oct 2021 13:52



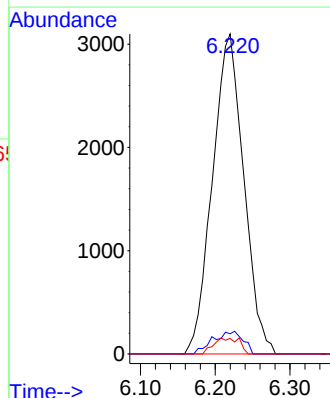
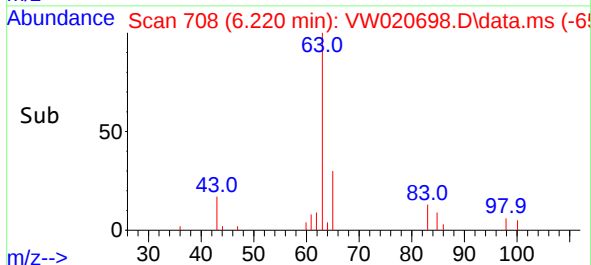
Tgt Ion: 43 Resp: 31845
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.406 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020698.D
 Acq: 26 Oct 2021 13:52



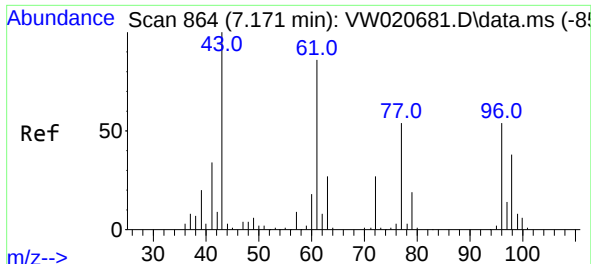
Tgt Ion: 63 Resp: 9017
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 4.9 2.3 6.8



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

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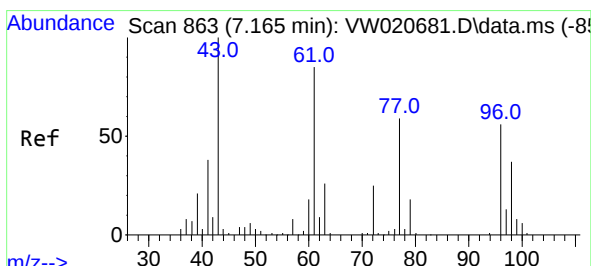
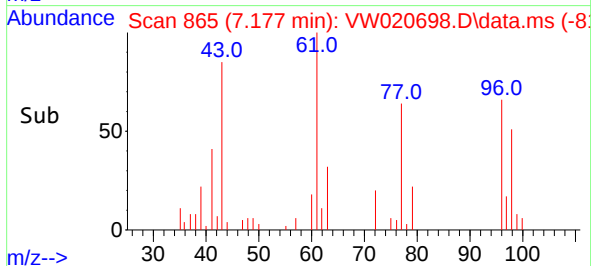
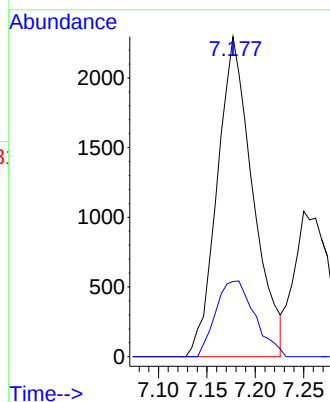
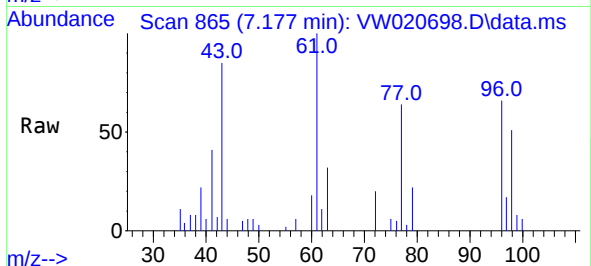
#25
2-Butanone
Concen: 15.910 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 43 Resp: 5869
Ion Ratio Lower Upper
43 100
72 23.5 21.4 32.0

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

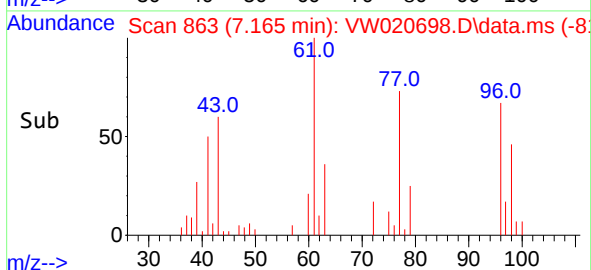
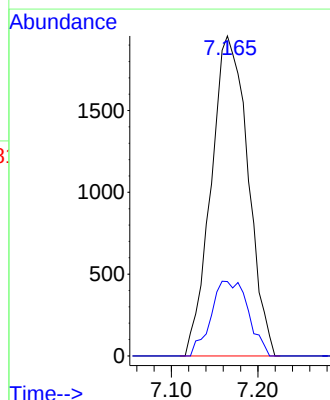
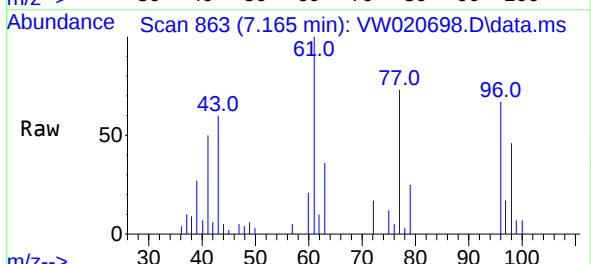
Manual Integrations
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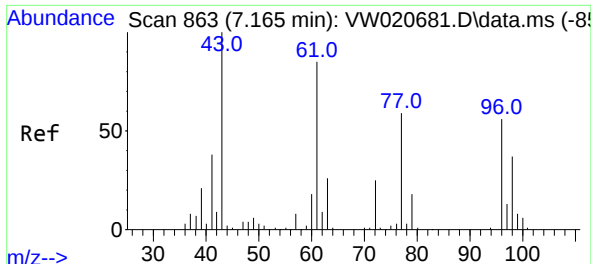
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#26
2,2-Dichloropropane
Concen: 4.304 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 77 Resp: 5764
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.149 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020698.D

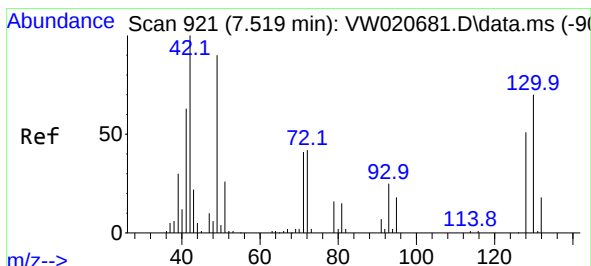
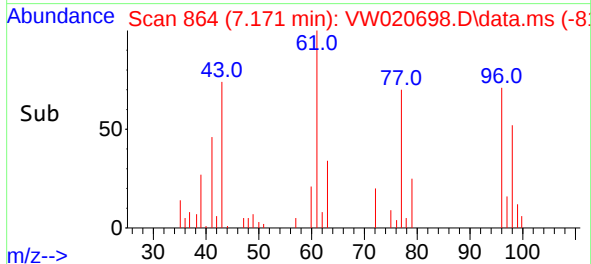
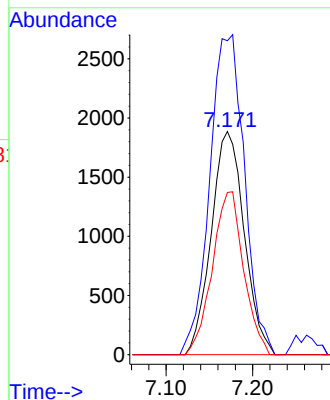
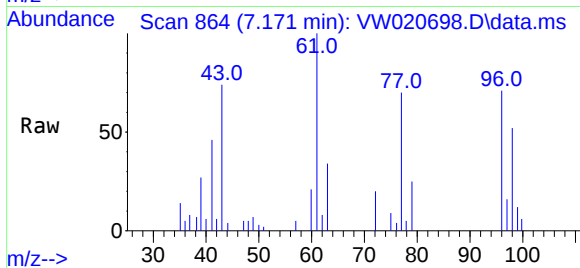
Acq: 26 Oct 2021 13:52

Tgt Ion:	96	Resp:	5003
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	298.0
98	69.2	0.0	129.4

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

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#28

Bromochloromethane

Concen: 4.514 ug/l

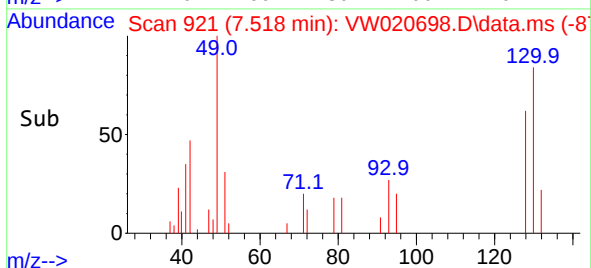
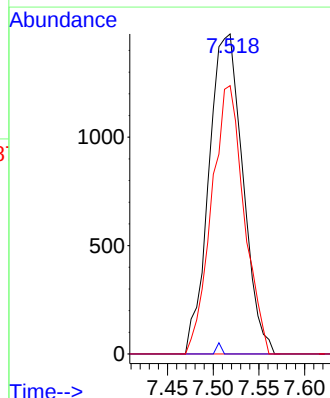
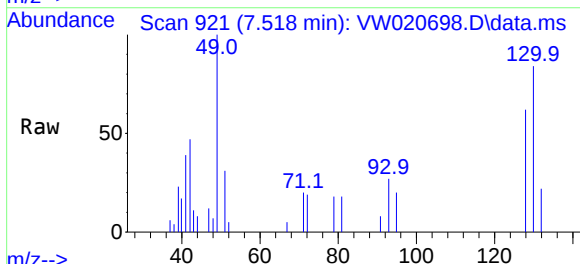
RT: 7.518 min Scan# 921

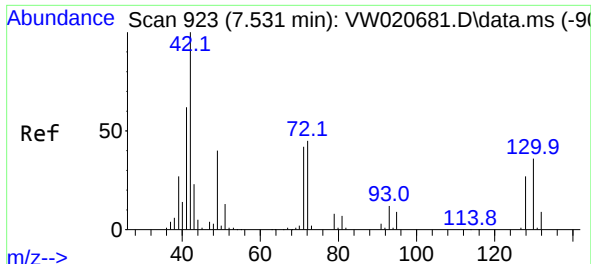
Delta R.T. -0.000 min

Lab File: VW020698.D

Acq: 26 Oct 2021 13:52

Tgt Ion:	49	Resp:	3819
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	0.0#
130	80.1	63.0	94.6





#29
Tetrahydrofuran
Concen: 15.419 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

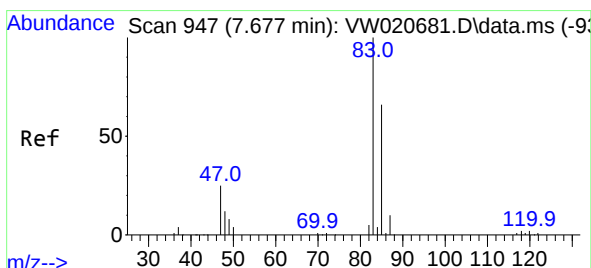
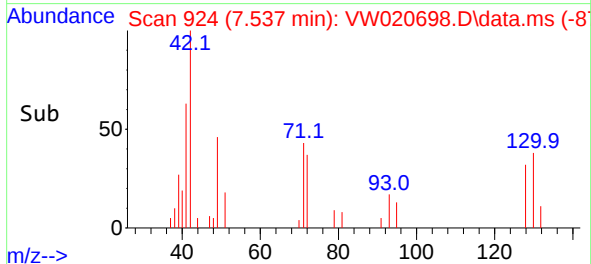
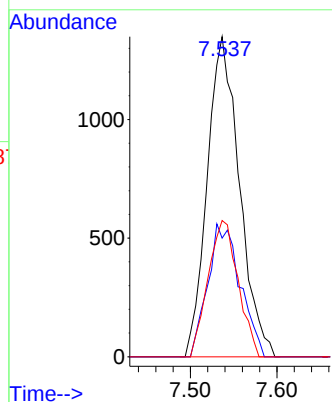
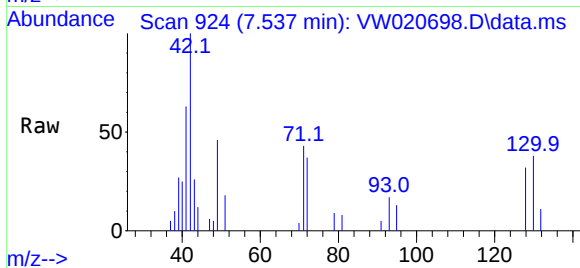
Tgt Ion: 42 Resp: 3480

Ion	Ratio	Lower	Upper
42	100		
72	41.7	35.0	52.6
71	39.6	32.2	48.4

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

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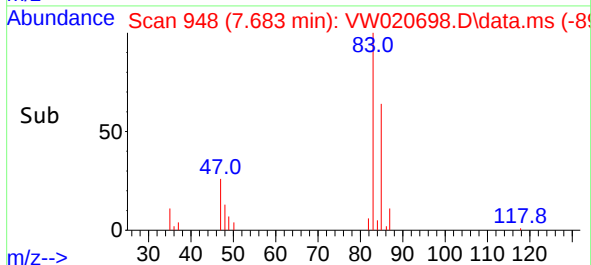
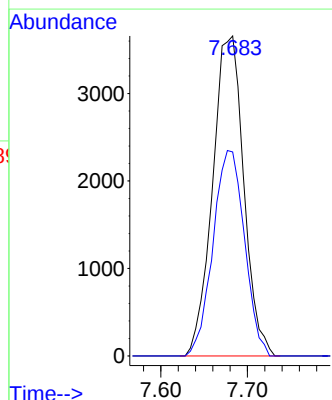
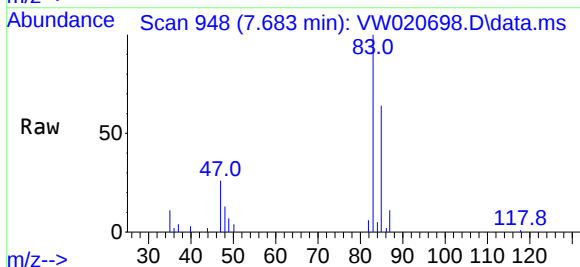
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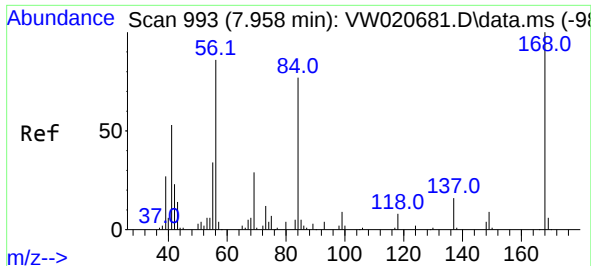


#30
Chloroform
Concen: 4.285 ug/l
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

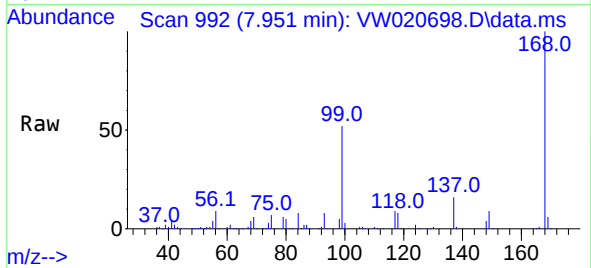
Tgt Ion: 83 Resp: 9147

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.9	79.3

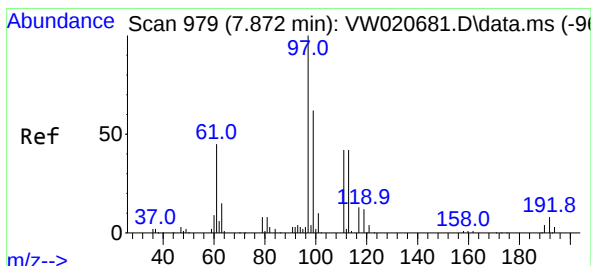
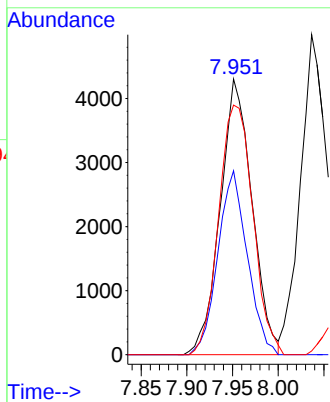
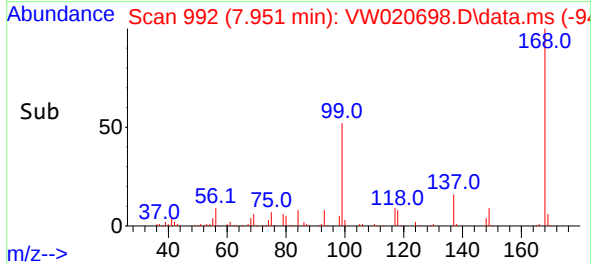




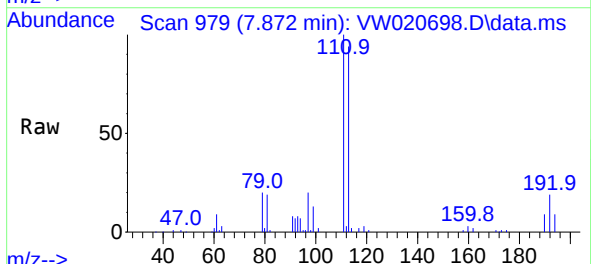
#31
Cyclohexane
Concen: 5.085 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



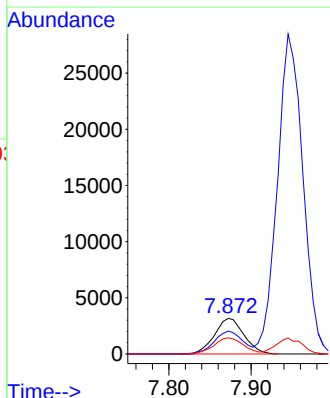
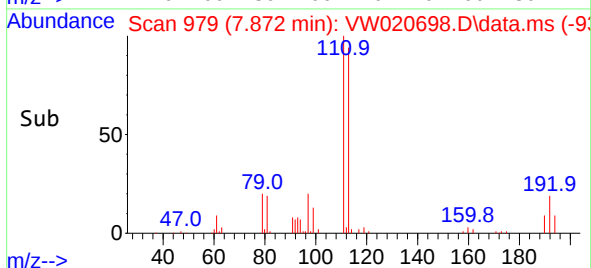
Tgt Ion: 56 Resp: 10440
Ion Ratio Lower Upper
56 100
69 66.7 27.2 40.8#
84 90.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 4.355 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



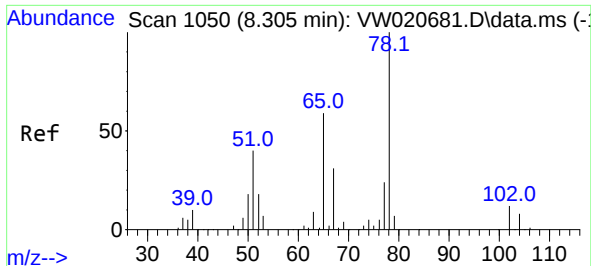
Tgt Ion: 97 Resp: 7861
Ion Ratio Lower Upper
97 100
99 62.2 50.6 75.8
61 46.0 36.6 55.0



Instrument :
MSVOA_W
ClientSampleId :
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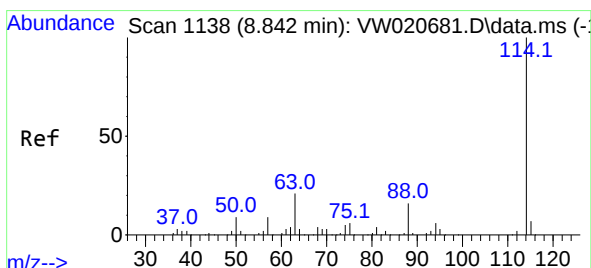
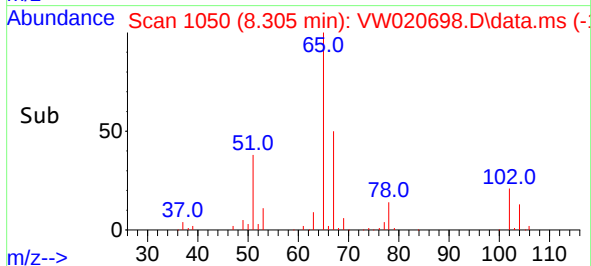
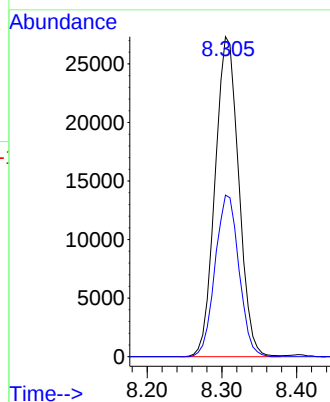
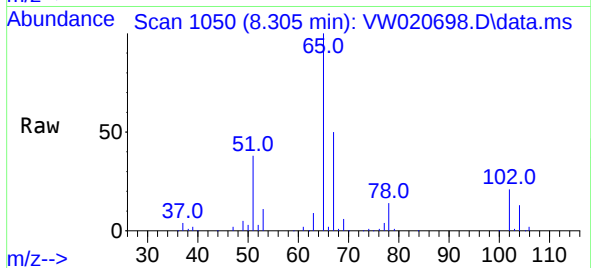
#33
1,2-Dichloroethane-d4
Concen: 49.789 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 65 Resp: 60227
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

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

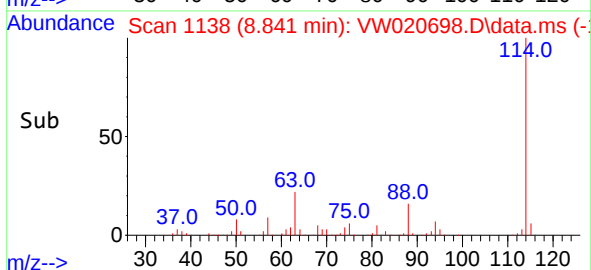
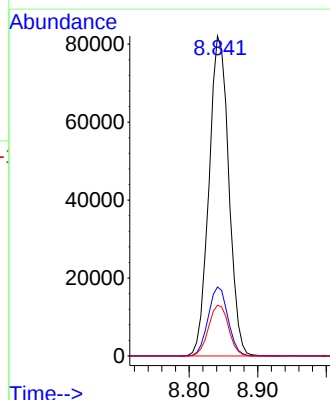
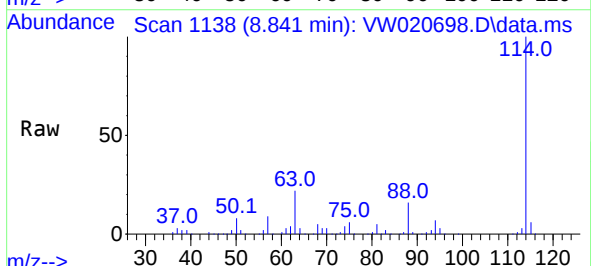
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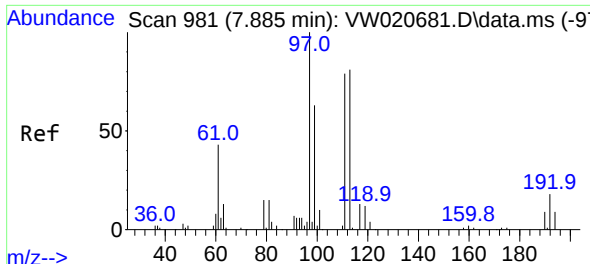
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

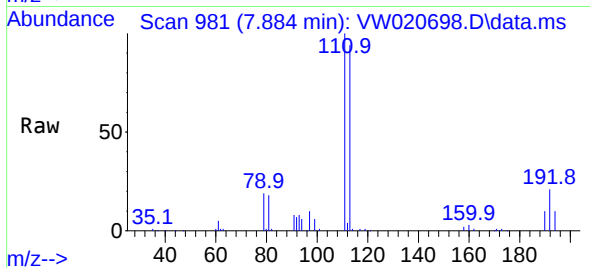
Tgt Ion: 114 Resp: 164857
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 15.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

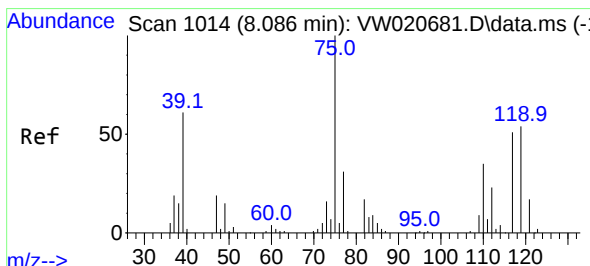
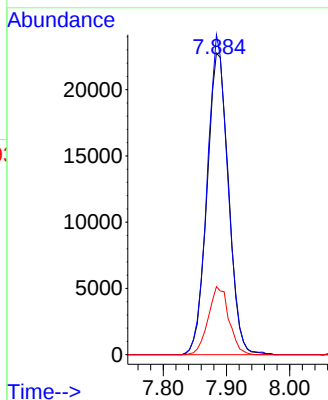
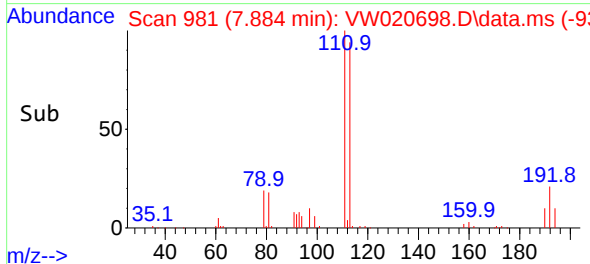
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



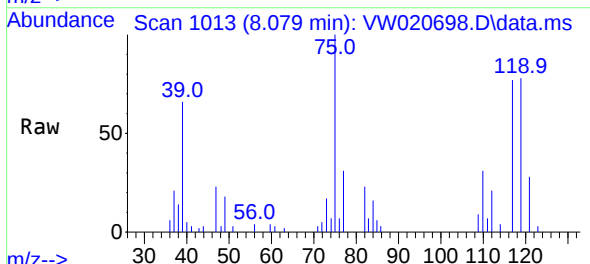
Tgt Ion:113 Resp: 53878
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 21.6 17.8 26.8

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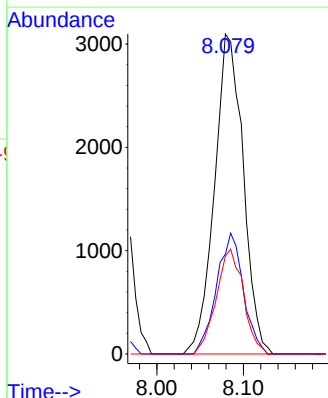
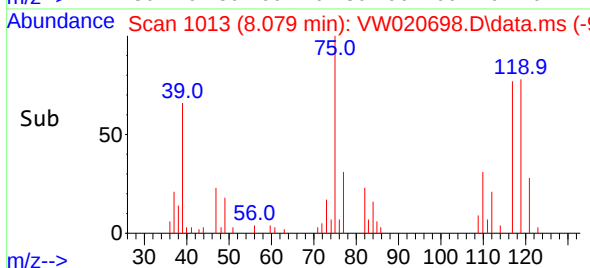
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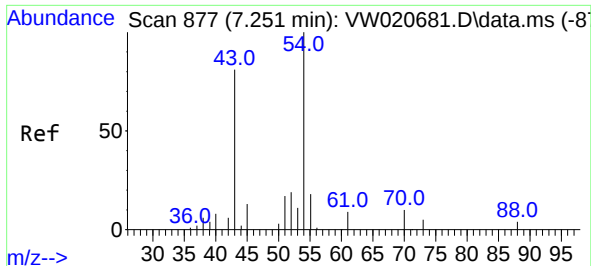


#36
1,1-Dichloropropene
Concen: 4.013 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



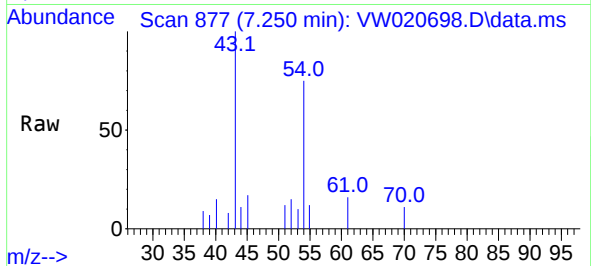
Tgt Ion: 75 Resp: 7124
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.3
77 31.0 24.9 37.3





#37
Ethyl Acetate
Concen: 3.640 ug/l
RT: 7.250 min Scan# 877
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

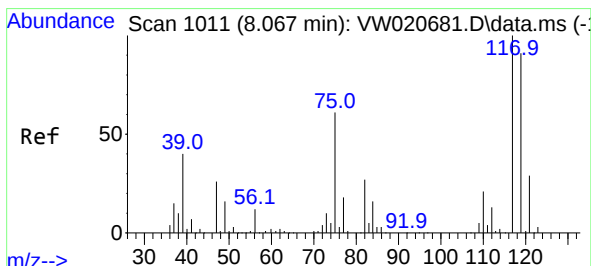
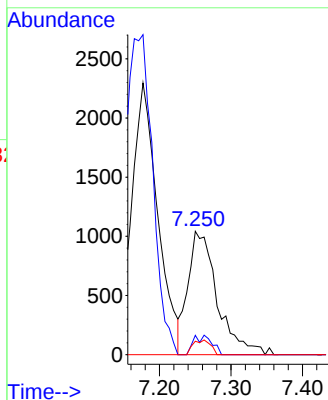
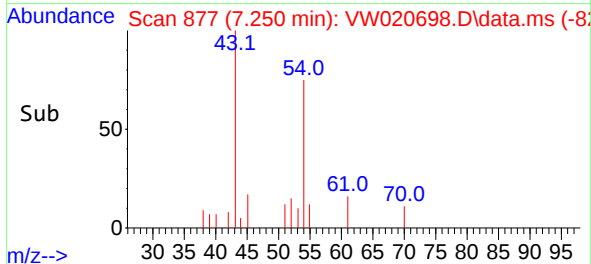
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



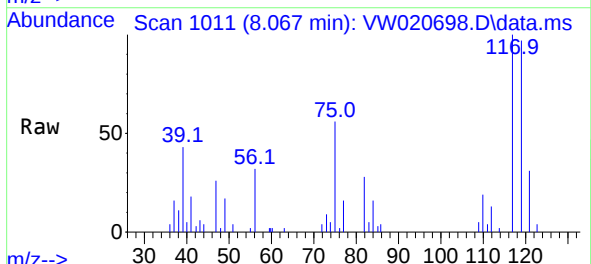
Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
61 9.8 10.3 15.5#
70 7.0 8.8 13.2#

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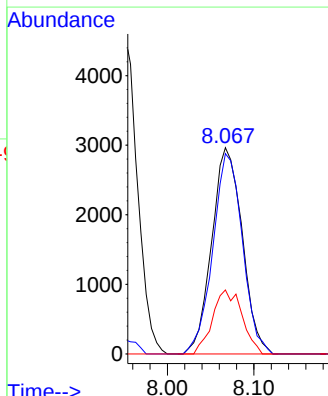
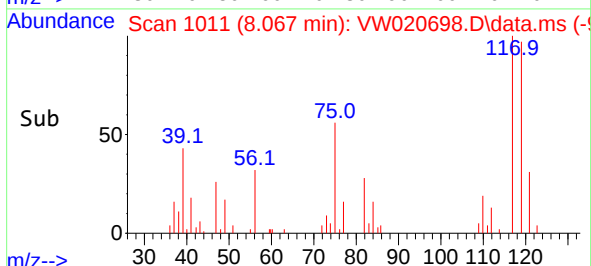
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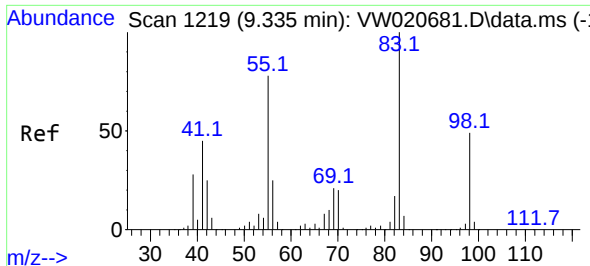


#38
Carbon Tetrachloride
Concen: 4.118 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

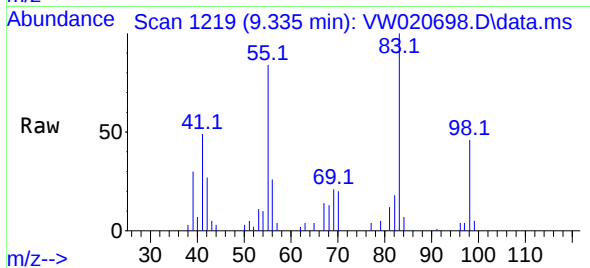


Tgt Ion: 117 Resp: 7249
Ion Ratio Lower Upper
117 100
119 97.1 72.9 109.3
121 31.0 23.4 35.0

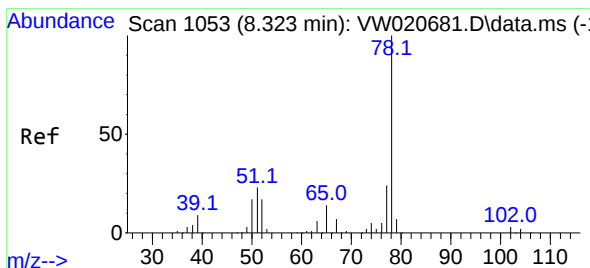
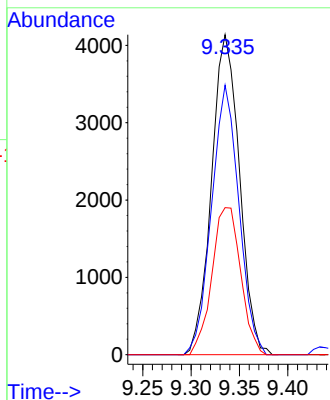
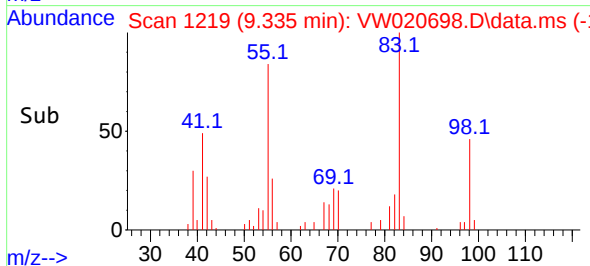




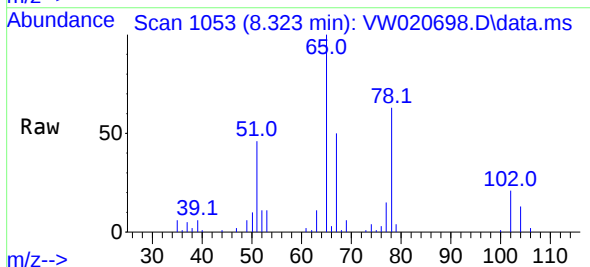
#39
Methylcyclohexane
Concen: 4.015 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



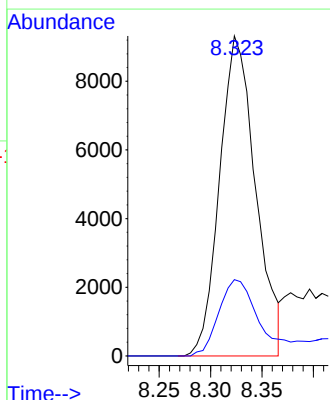
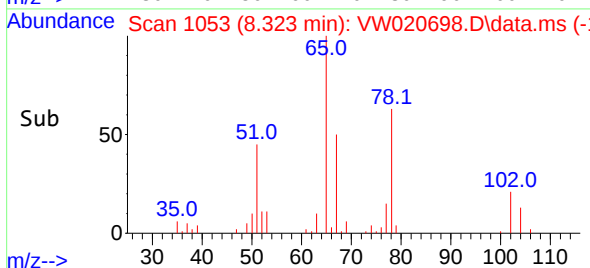
Tgt Ion: 83 Resp: 8311
Ion Ratio Lower Upper
83 100
55 84.2 62.6 94.0
98 46.0 38.8 58.2



#40
Benzene
Concen: 4.668 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



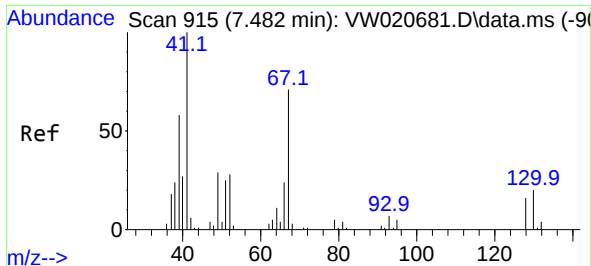
Tgt Ion: 78 Resp: 22678
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

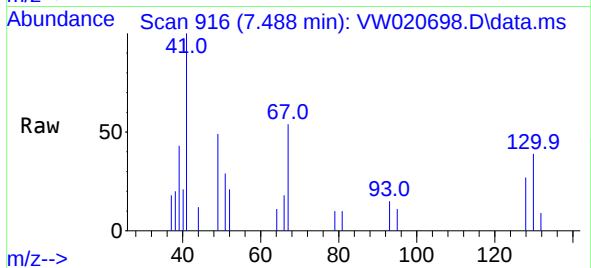
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#41
Methacrylonitrile
Concen: 3.558 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

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

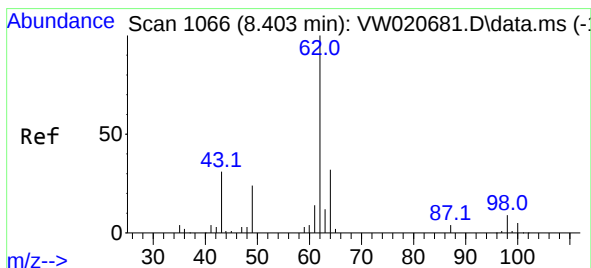
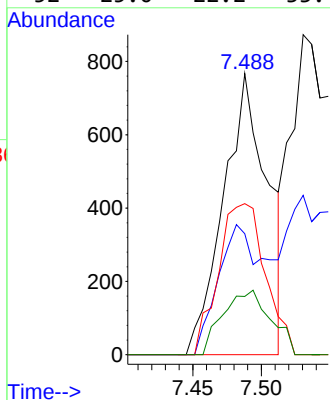
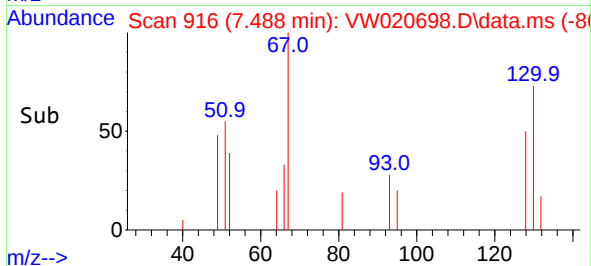


Tgt Ion: 41 Resp: 1703

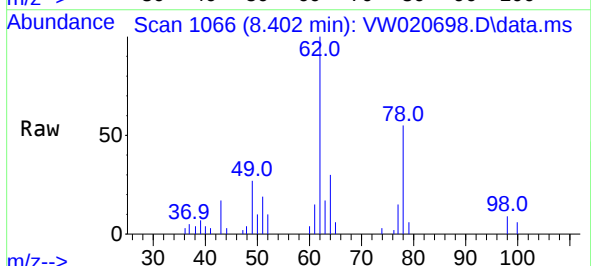
Ion	Ratio	Lower	Upper
41	100		
39	46.9	44.3	66.5
67	57.7	50.9	76.3
52	25.0	22.2	33.4

Manual Integrations
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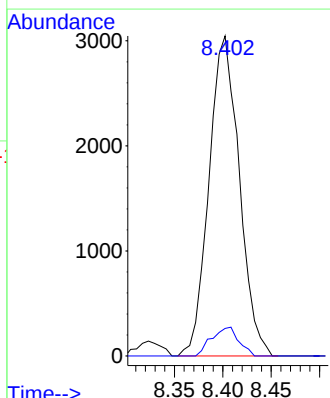
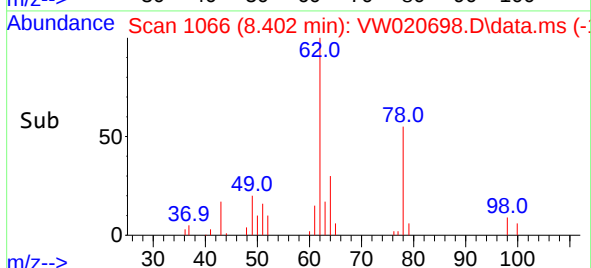


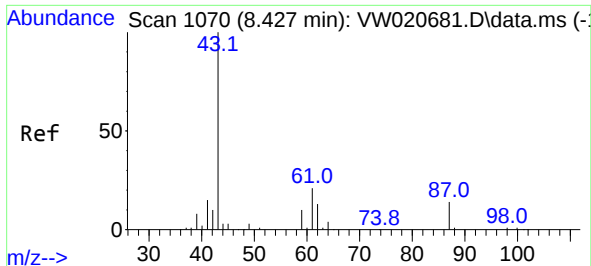
#42
1,2-Dichloroethane
Concen: 4.249 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



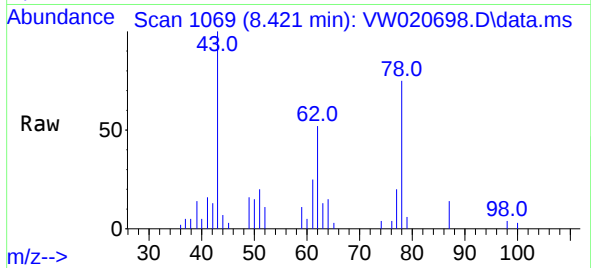
Tgt Ion: 62 Resp: 6646

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.8

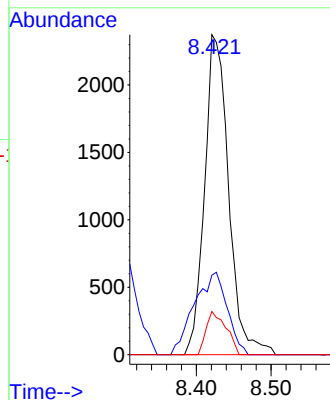
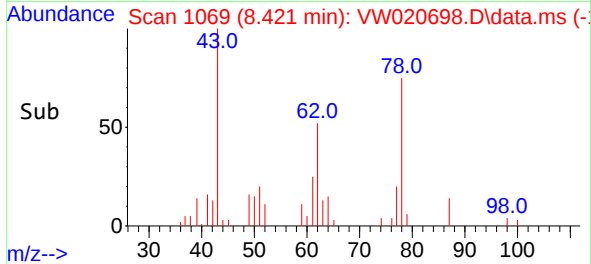




#43
Isopropyl Acetate
Concen: 3.483 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



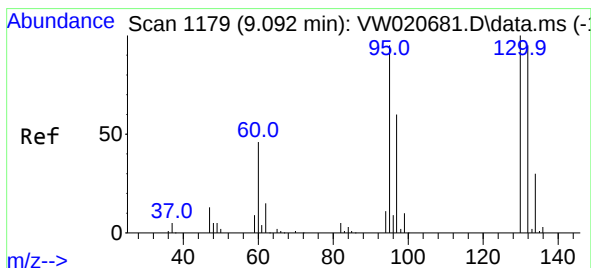
Tgt Ion: 43 Resp: 5310
Ion Ratio Lower Upper
43 100
61 35.2 23.3 34.9#
87 11.2 10.4 15.6



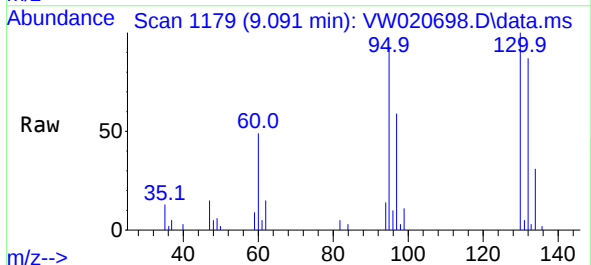
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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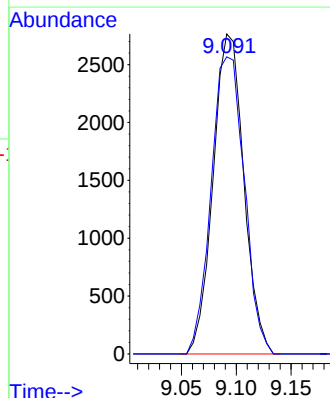
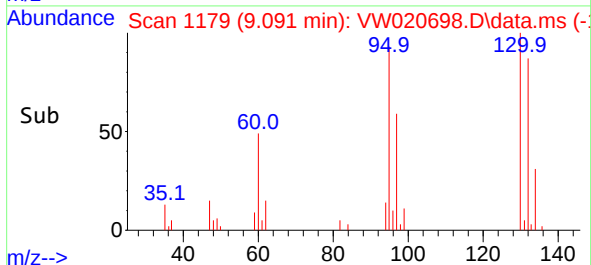
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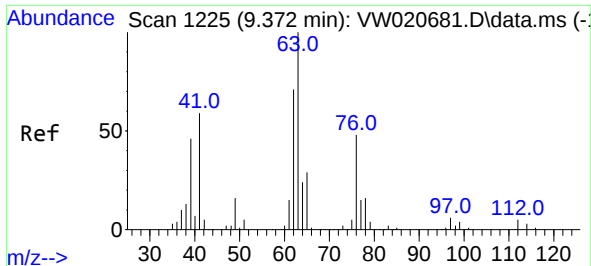


#44
Trichloroethene
Concen: 4.076 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion:130 Resp: 5382
Ion Ratio Lower Upper
130 100
95 92.9 0.0 189.2





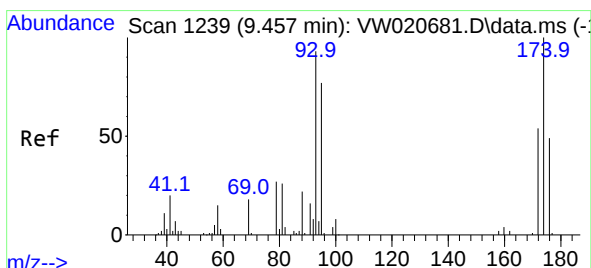
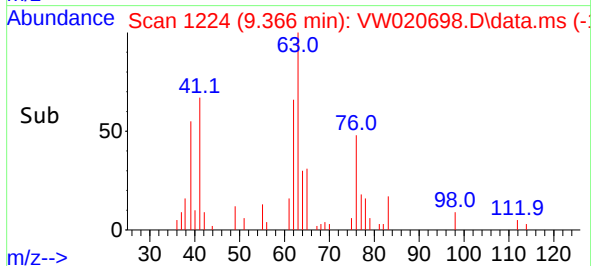
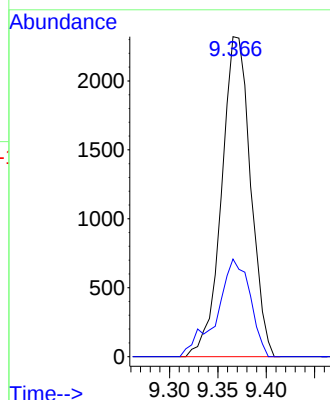
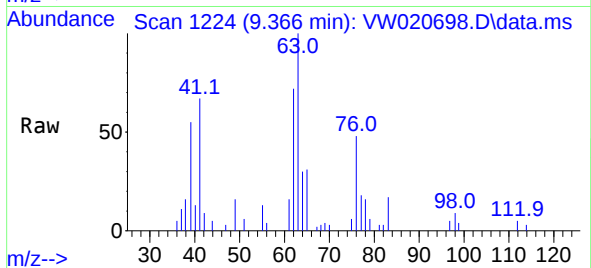
#45
1,2-Dichloropropane
Concen: 4.156 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 63 Resp: 4840
Ion Ratio Lower Upper
63 100
65 30.5 23.7 35.5

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

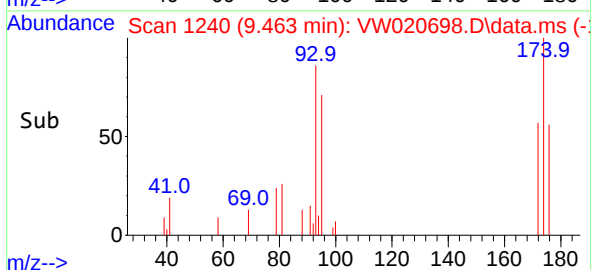
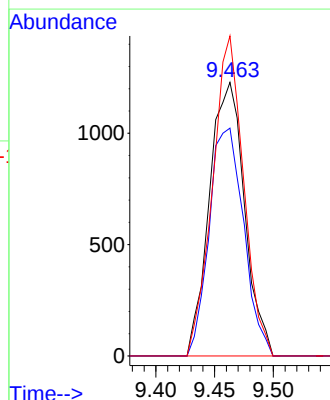
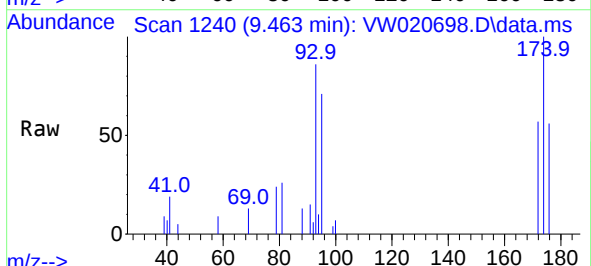
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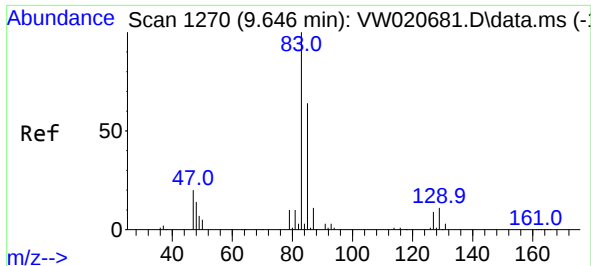
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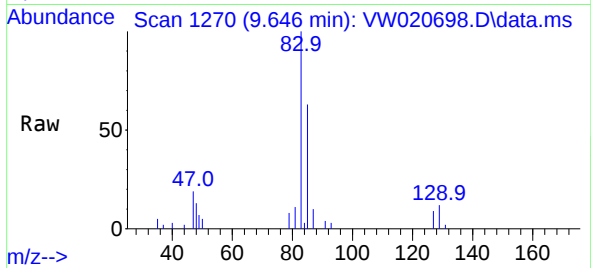
#46
Dibromomethane
Concen: 3.900 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 93 Resp: 2552
Ion Ratio Lower Upper
93 100
95 82.0 67.0 100.4
174 103.7 88.9 133.3



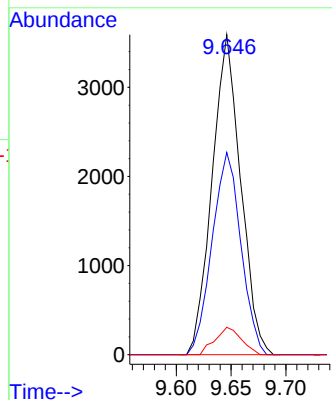


#47
Bromodichloromethane
Concen: 4.033 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 83 Resp: 6504

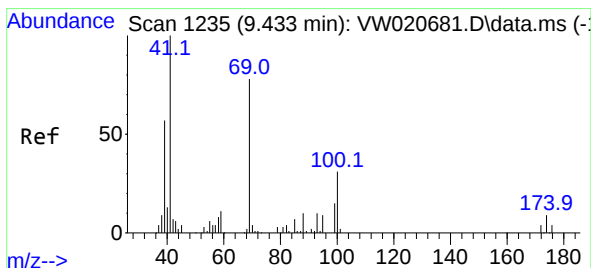
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6
127	8.5	7.0	10.4



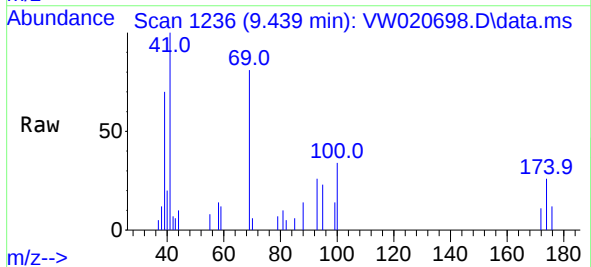
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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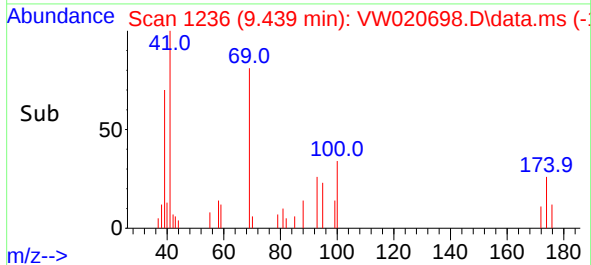
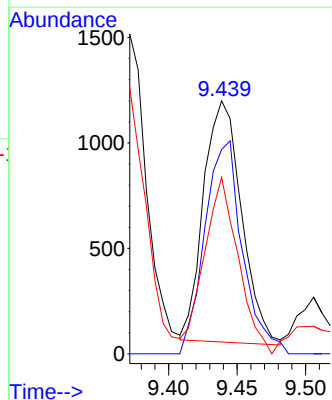


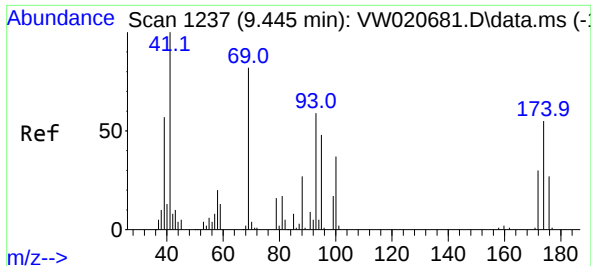
#48
Methyl methacrylate
Concen: 3.010 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 41 Resp: 2208

Ion	Ratio	Lower	Upper
41	100		
69	87.4	67.2	100.8
39	65.8	47.0	70.6





#49
1,4-Dioxane
Concen: 61.061 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

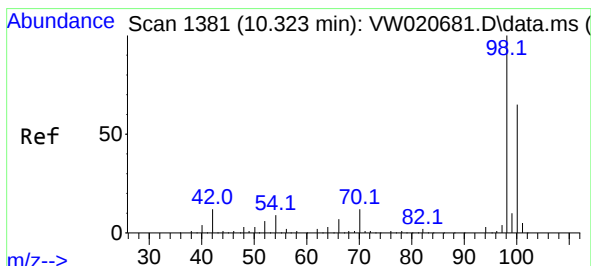
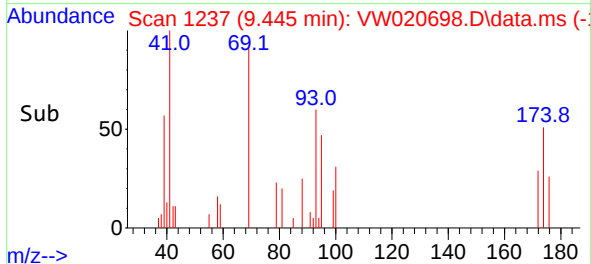
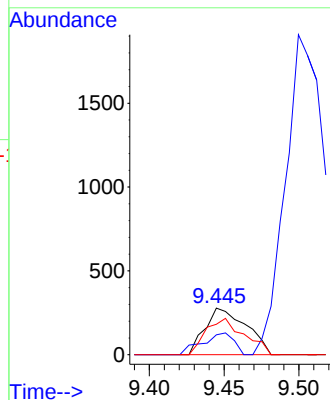
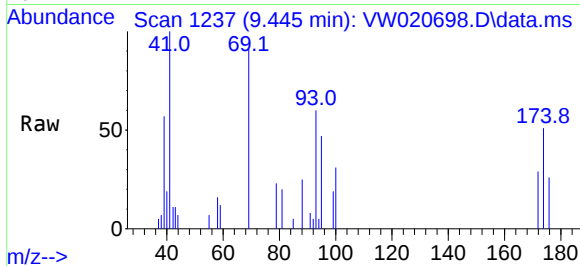
Tgt Ion: 88 Resp: 531

Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.8	43.2
58	72.7	59.6	89.4

Instrument :
MSVOA_W
ClientSampleId :
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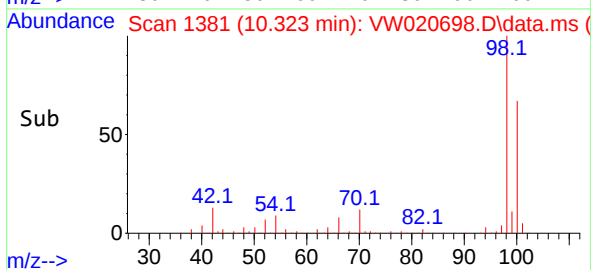
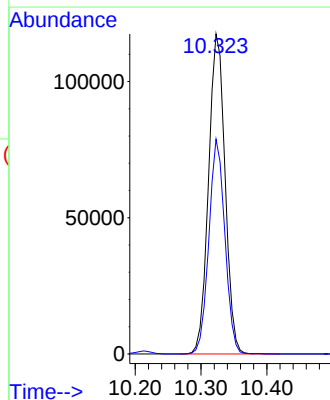
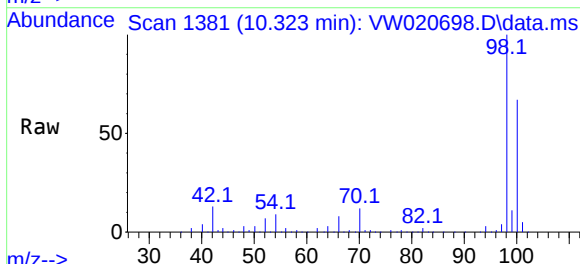
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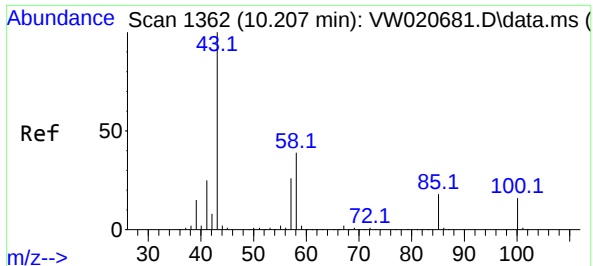


#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 98 Resp: 205332

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.2	79.8





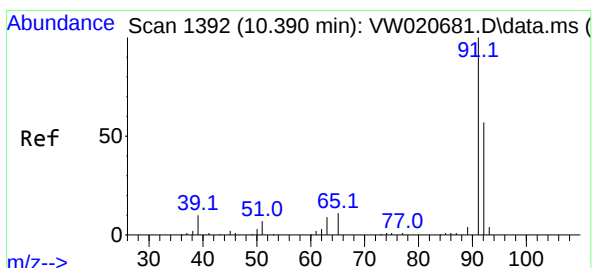
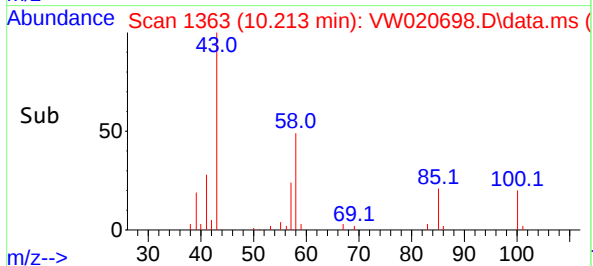
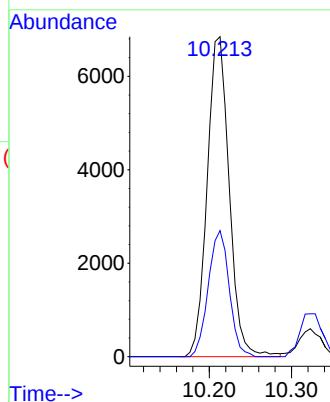
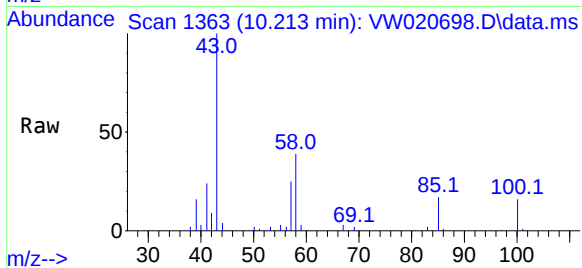
#51
4-Methyl-2-Pentanone
Concen: 15.390 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 43 Resp: 12757
Ion Ratio Lower Upper
43 100
58 37.4 30.6 46.0

Instrument :
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ClientSampleId :
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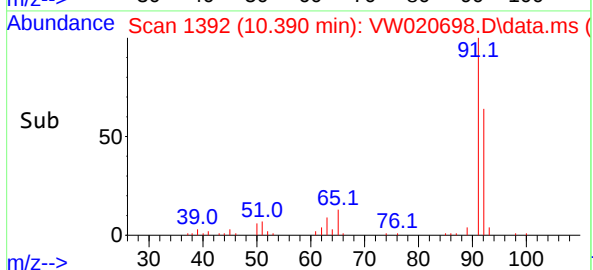
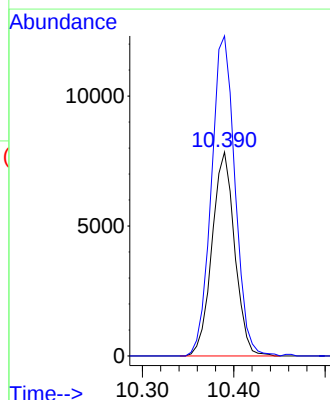
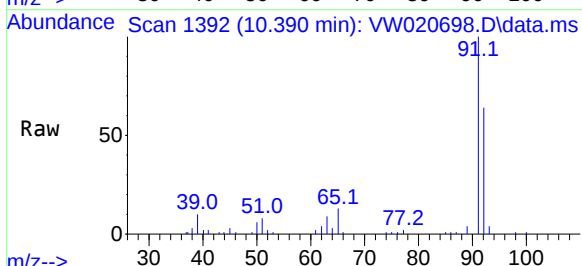
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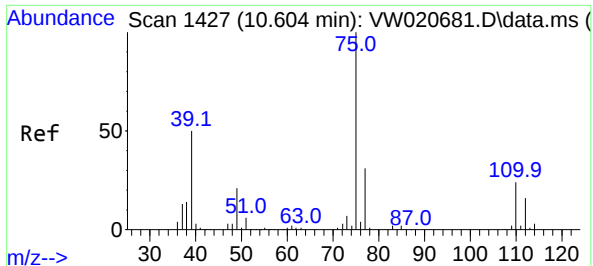
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#52
Toluene
Concen: 4.430 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 92 Resp: 13520
Ion Ratio Lower Upper
92 100
91 163.3 136.6 204.8





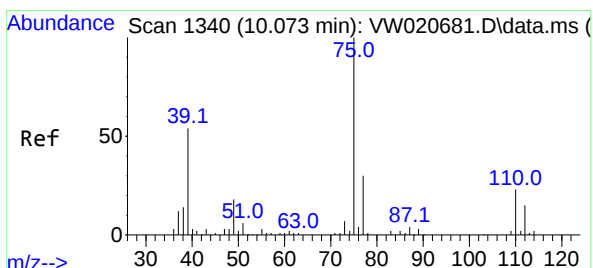
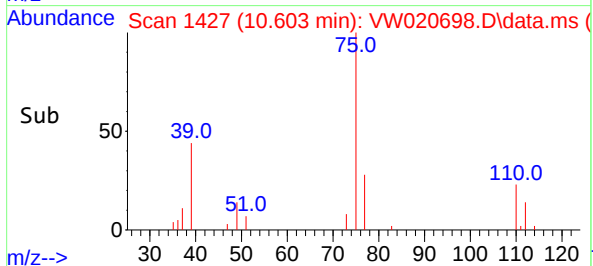
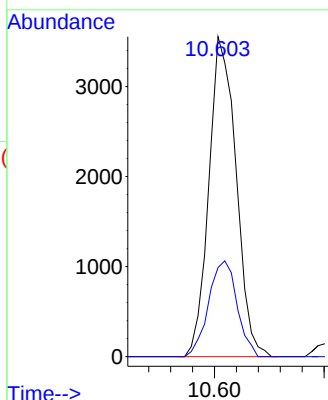
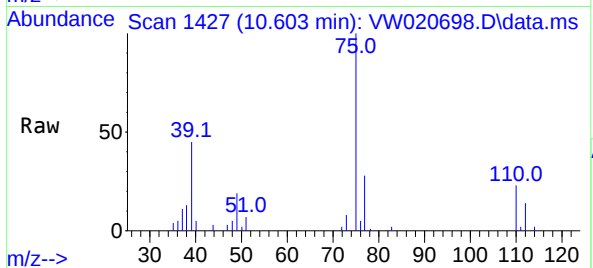
#53
t-1,3-Dichloropropene
Concen: 3.725 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 75 Resp: 6114
Ion Ratio Lower Upper
75 100
77 27.8 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
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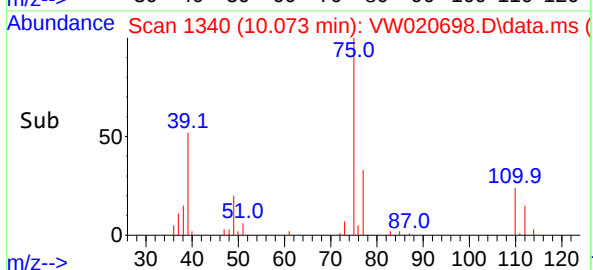
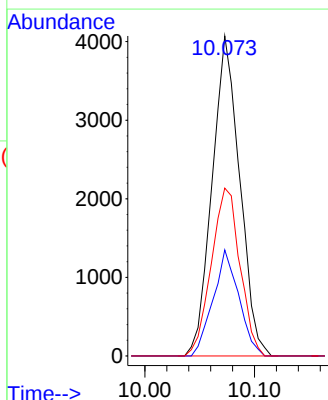
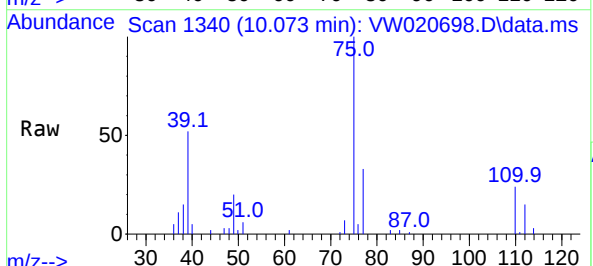
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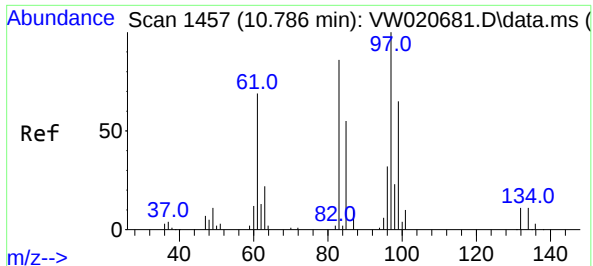
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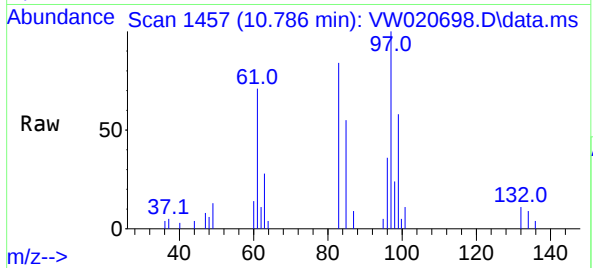
#54
cis-1,3-Dichloropropene
Concen: 3.825 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 75 Resp: 7113
Ion Ratio Lower Upper
75 100
77 33.2 23.8 35.8
39 52.4 43.1 64.7



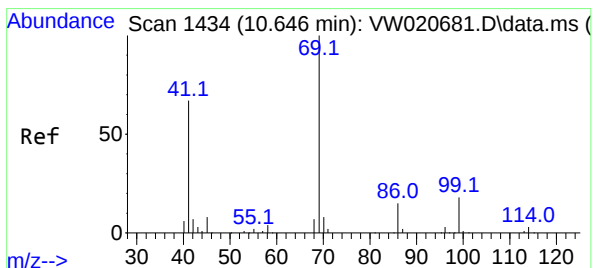
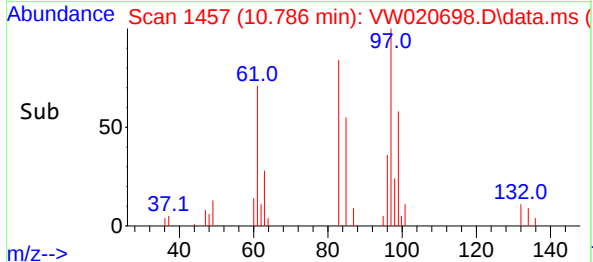
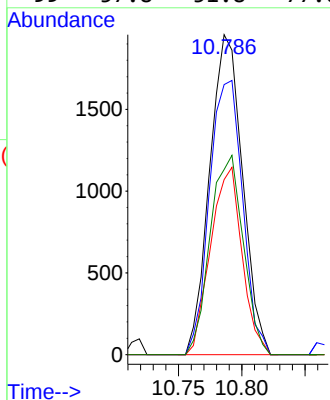


#55
1,1,2-Trichloroethane
Concen: 3.874 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

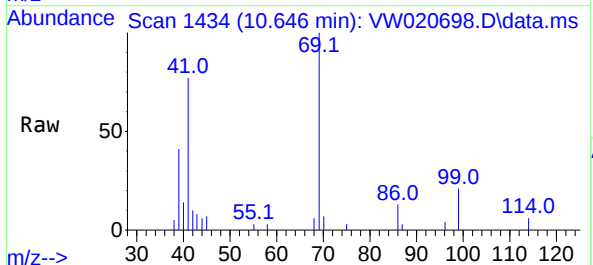


Tgt Ion: 97 Resp: 3532

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.0	103.4
85	54.7	44.3	66.5
99	57.8	51.8	77.6

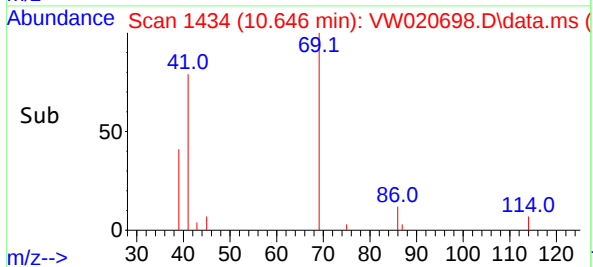
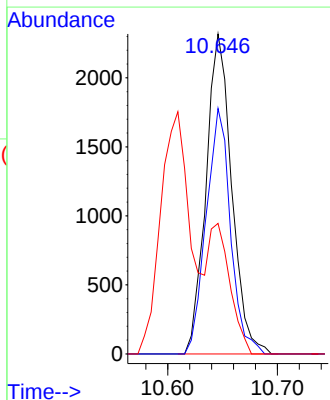


#56
Ethyl methacrylate
Concen: 3.224 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 69 Resp: 3778

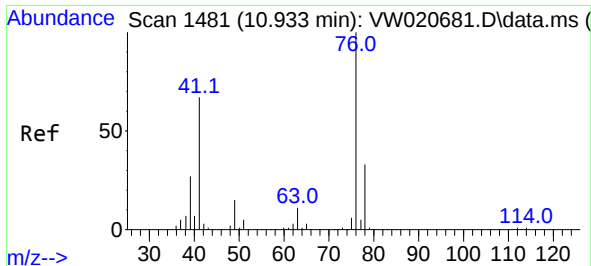
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.6	85.0
39	32.8	29.6	44.4



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

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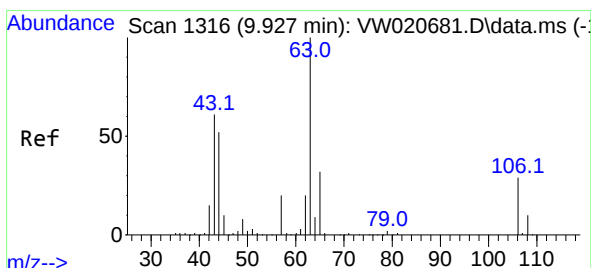
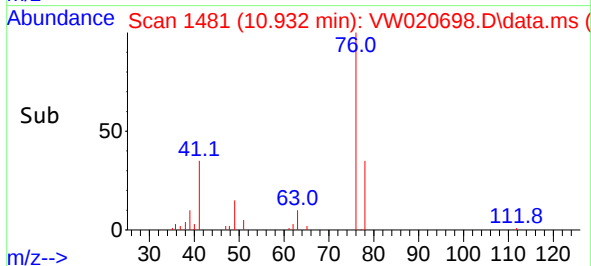
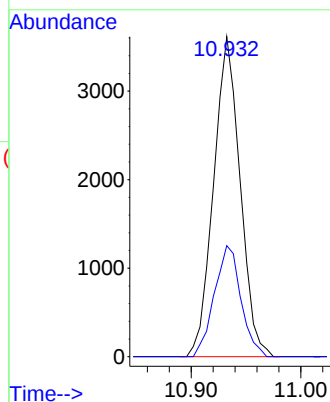
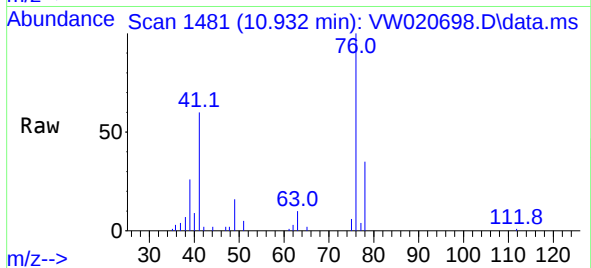
#57
1,3-Dichloropropane
Concen: 3.842 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 76 Resp: 6069
Ion Ratio Lower Upper
76 100
78 34.8 26.0 39.0

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

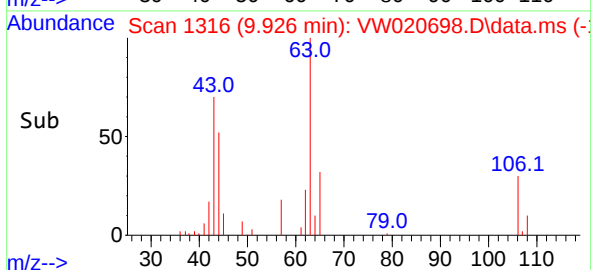
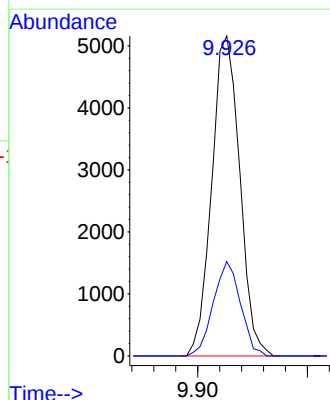
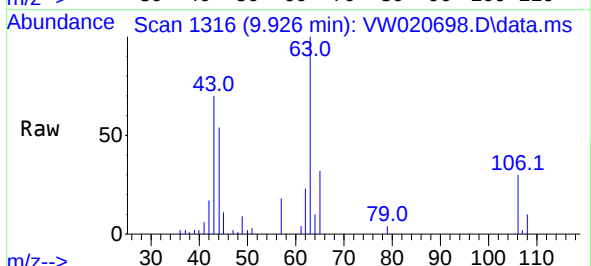
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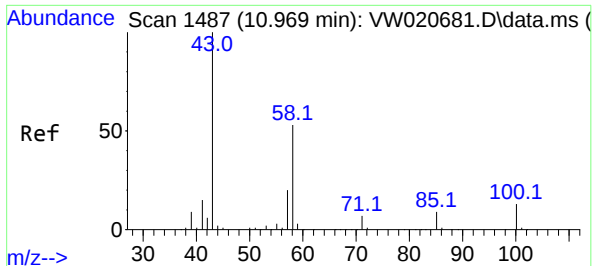
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#58
2-Chloroethyl Vinyl ether
Concen: 17.310 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 63 Resp: 9144
Ion Ratio Lower Upper
63 100
106 28.6 23.0 34.6





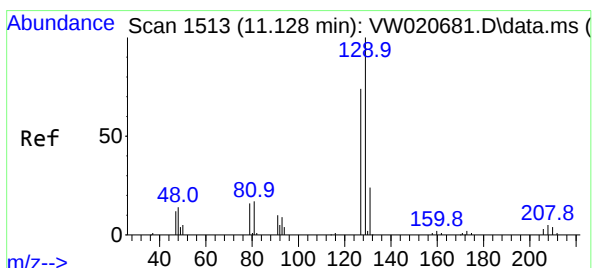
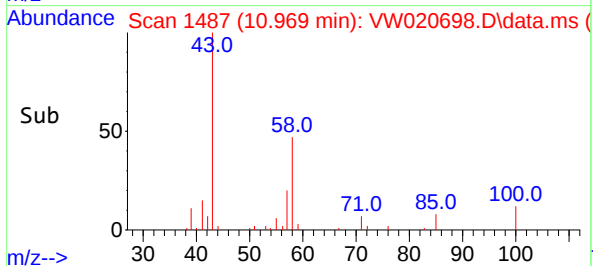
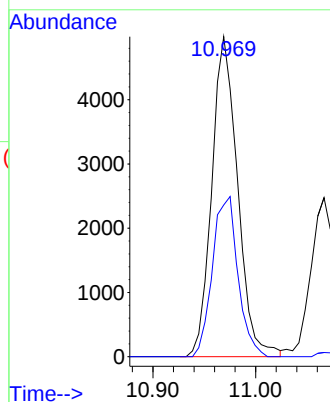
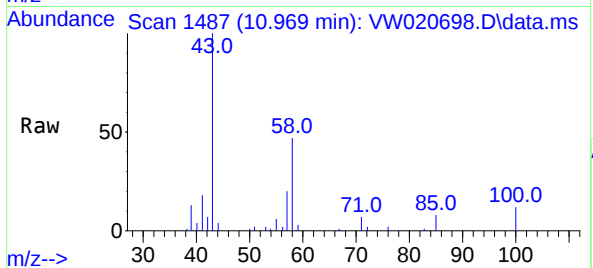
#59
2-Hexanone
Concen: 14.809 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 43 Resp: 8685
Ion Ratio Lower Upper
43 100
58 49.4 26.4 79.2

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

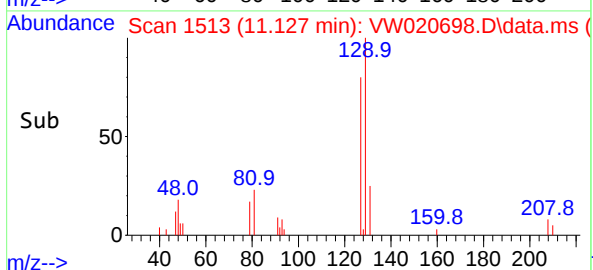
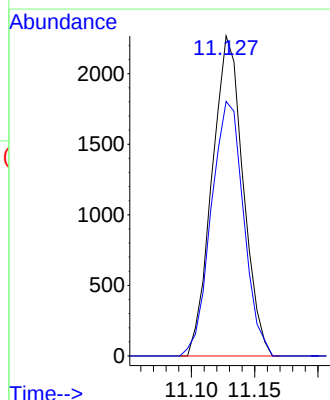
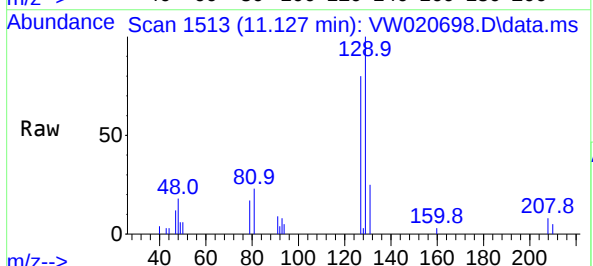
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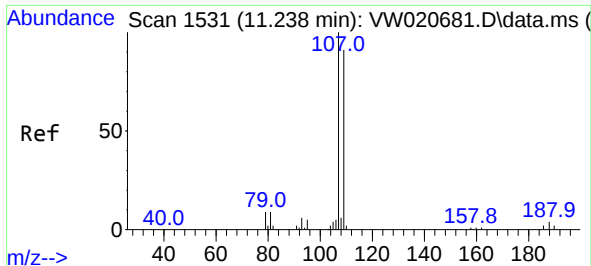
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#60
Dibromochloromethane
Concen: 3.598 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

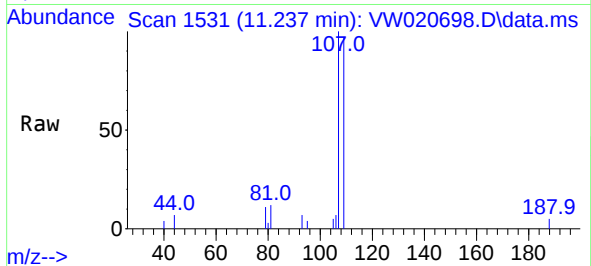
Tgt Ion: 129 Resp: 3867
Ion Ratio Lower Upper
129 100
127 83.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 3.536 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

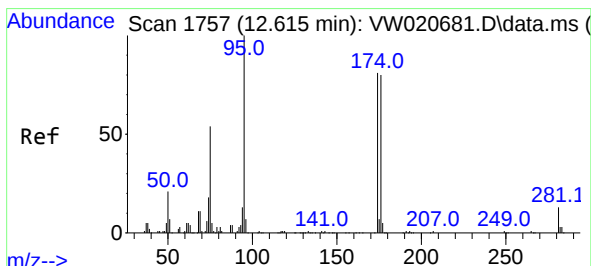
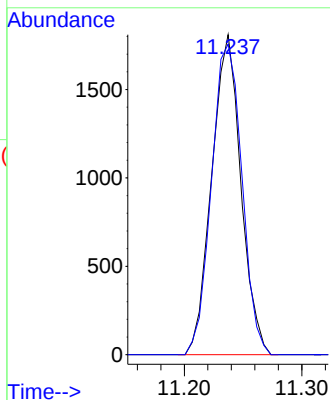
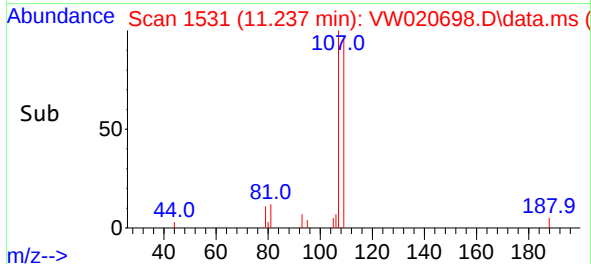
Instrument :
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ClientSampleId :
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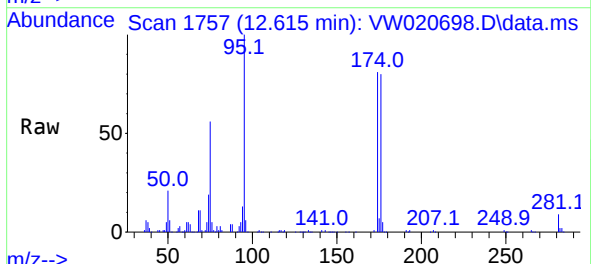
Tgt Ion:107 Resp: 3119
Ion Ratio Lower Upper
107 100
109 101.2 75.4 113.2

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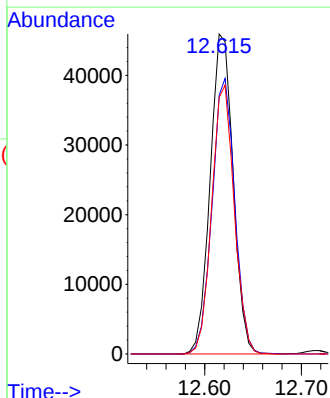
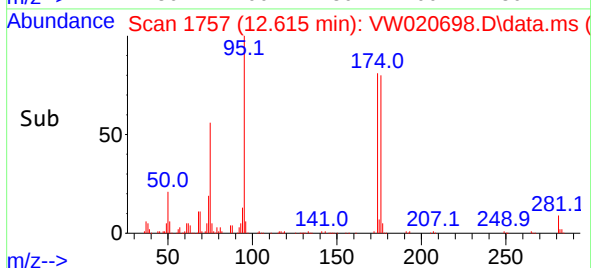
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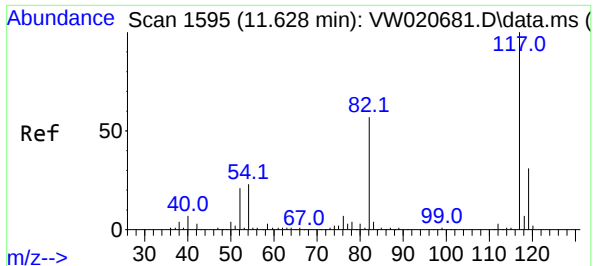


#62
4-Bromofluorobenzene
Concen: 50.111 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



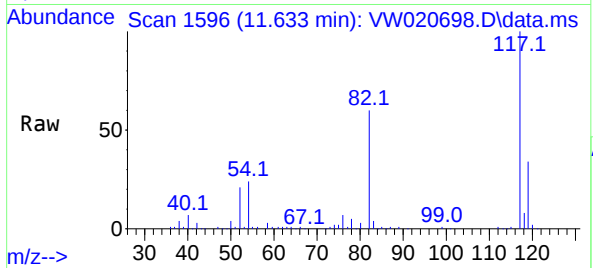
Tgt Ion: 95 Resp: 75701
Ion Ratio Lower Upper
95 100
174 84.9 0.0 166.4
176 82.2 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

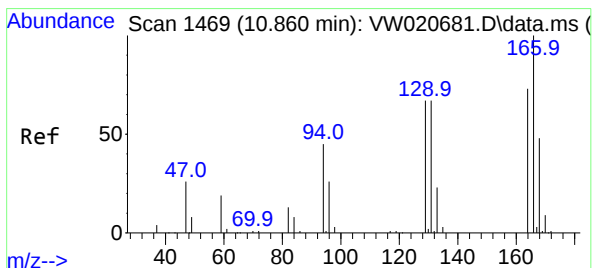
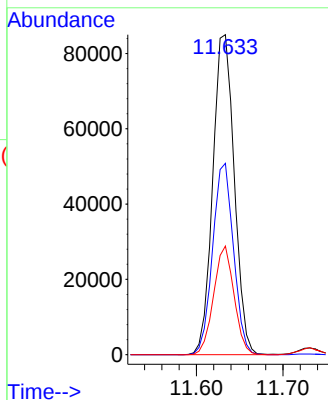
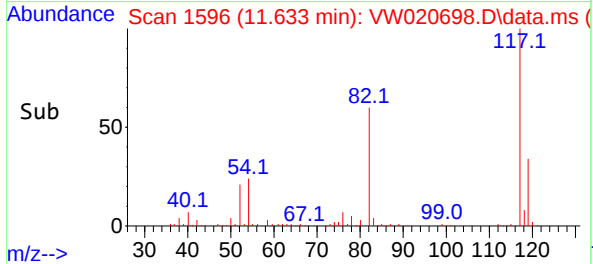
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



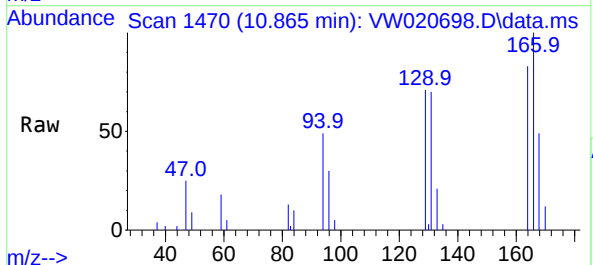
Tgt Ion:117 Resp: 146802
Ion Ratio Lower Upper
117 100
82 59.8 45.6 68.4
119 34.0 25.0 37.4

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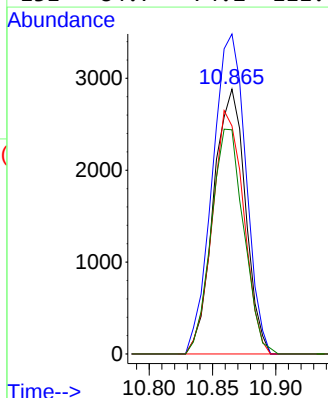
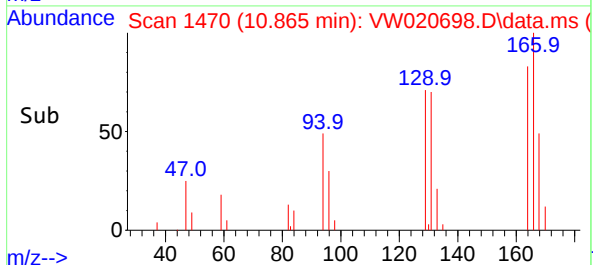
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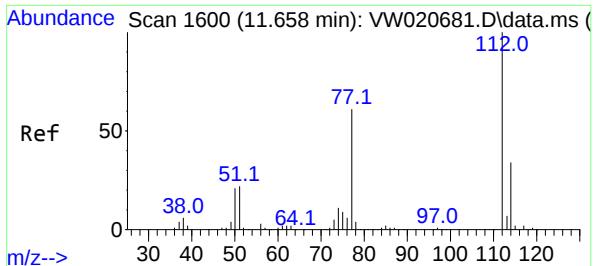


#64
Tetrachloroethene
Concen: 4.419 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion:164 Resp: 5037
Ion Ratio Lower Upper
164 100
166 120.9 110.2 165.4
129 86.1 74.4 111.6
131 84.7 74.2 111.4





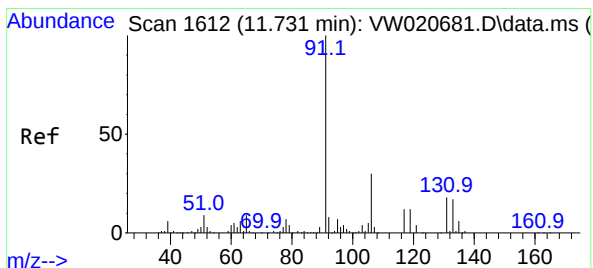
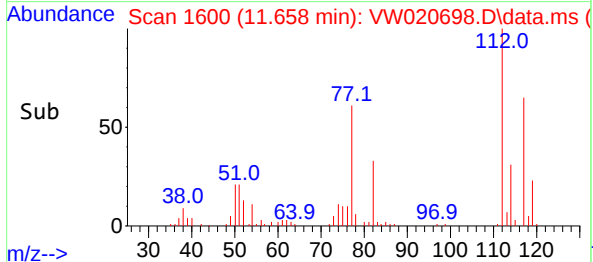
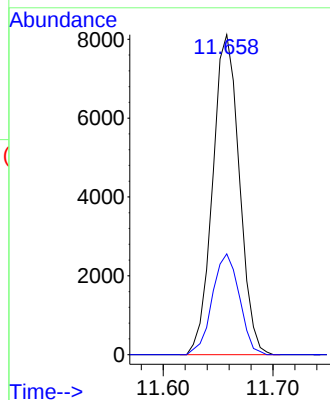
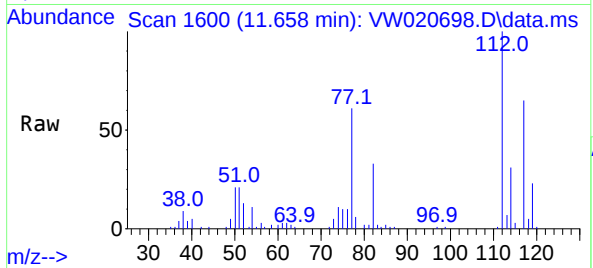
#65
Chlorobenzene
Concen: 4.343 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:112 Resp: 13724
Ion Ratio Lower Upper
112 100
114 31.5 27.0 40.6

Instrument :
MSVOA_W
ClientSampleId :
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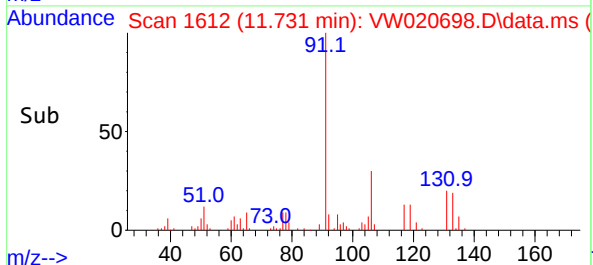
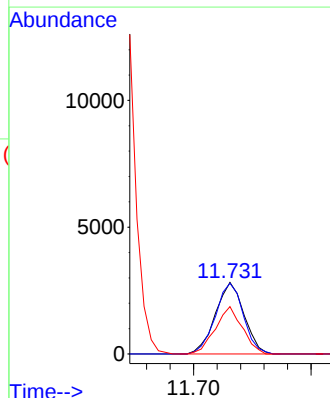
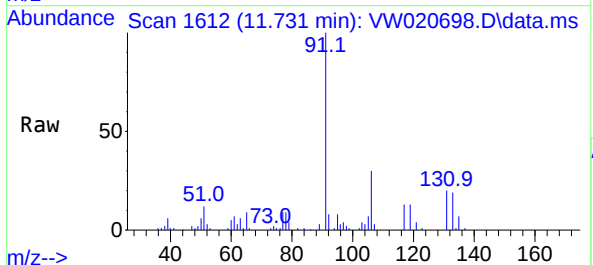
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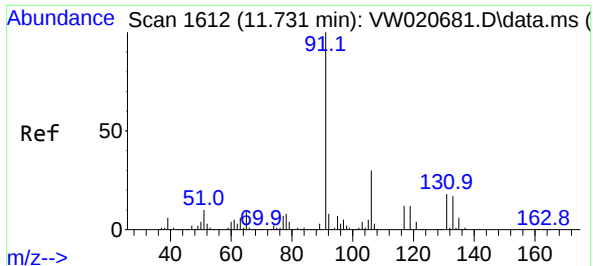
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.168 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

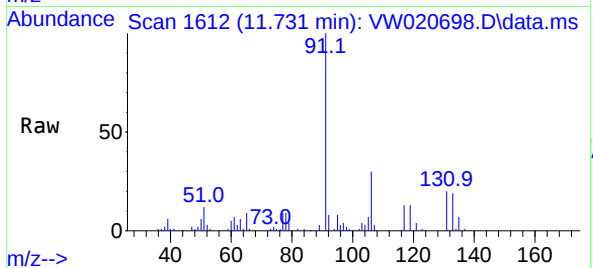
Tgt Ion:131 Resp: 4775
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 62.4 31.6 95.0





#67
Ethyl Benzene
Concen: 4.083 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

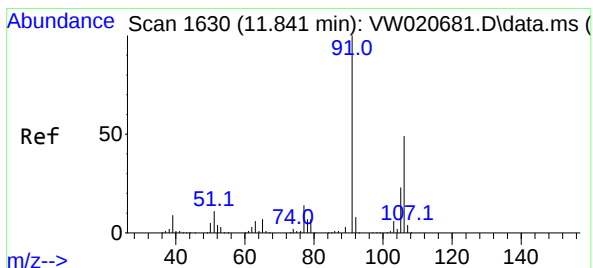
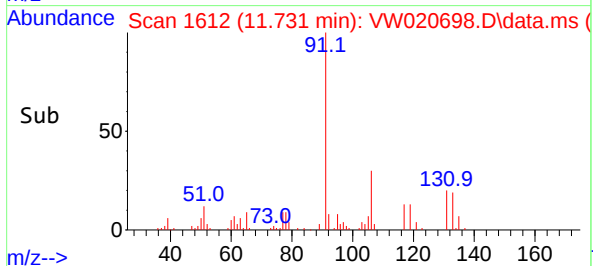
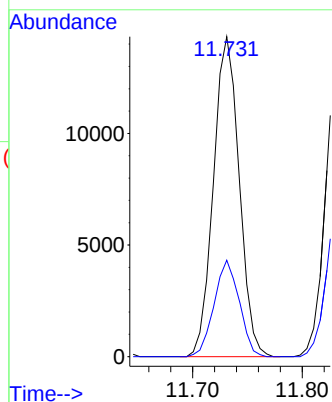
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



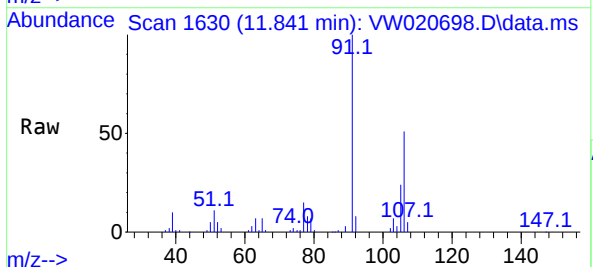
Tgt Ion: 91 Resp: 23365
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

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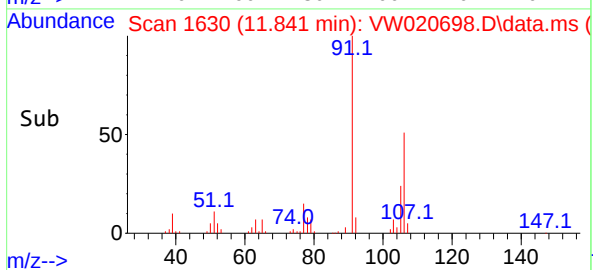
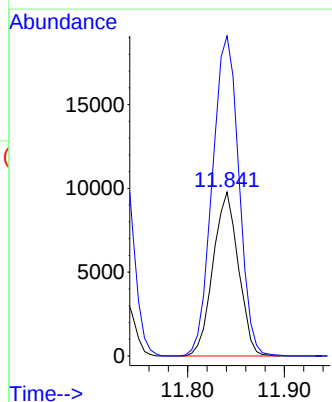
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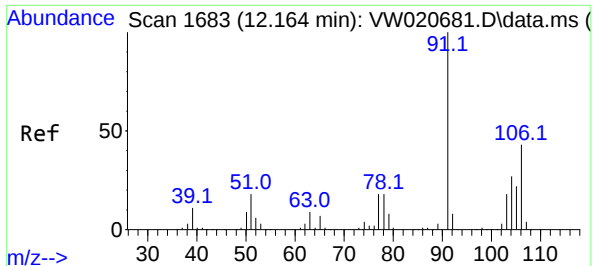


#68
m/p-Xylenes
Concen: 8.034 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 106 Resp: 17775
Ion Ratio Lower Upper
106 100
91 204.7 166.4 249.6





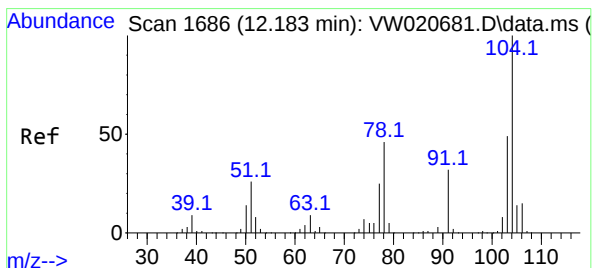
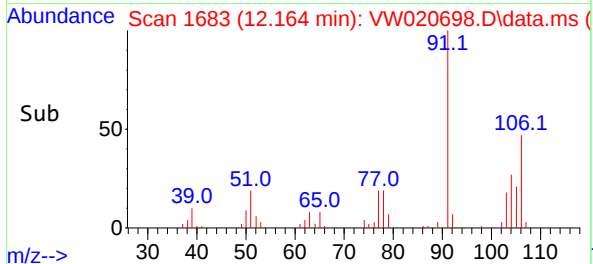
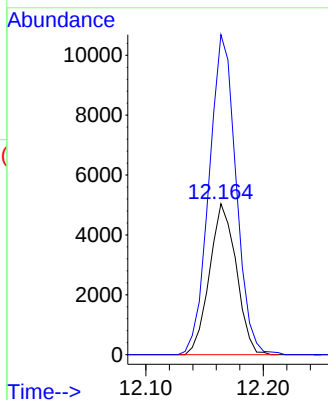
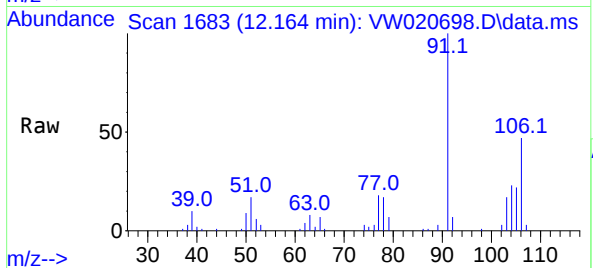
#69
o-Xylene
Concen: 3.909 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:106 Resp: 7970
Ion Ratio Lower Upper
106 100
91 214.4 110.9 332.6

Instrument :
MSVOA_W
ClientSampleId :
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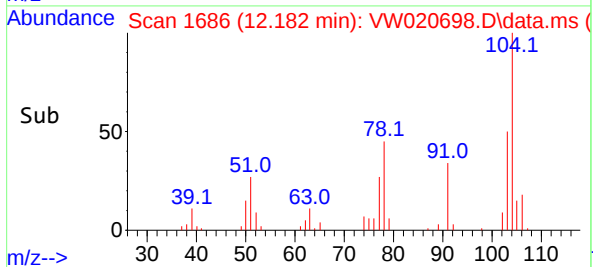
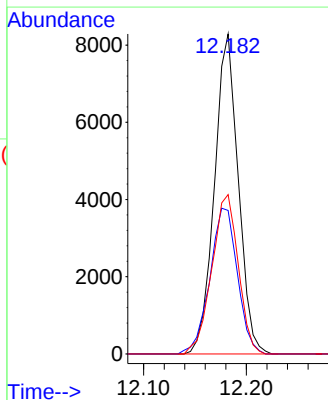
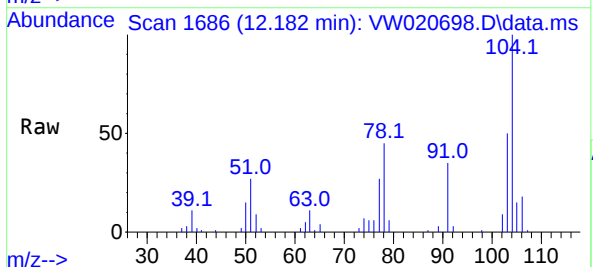
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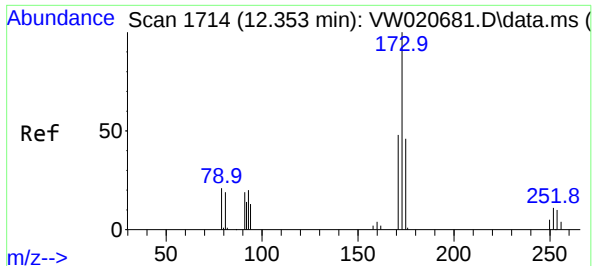
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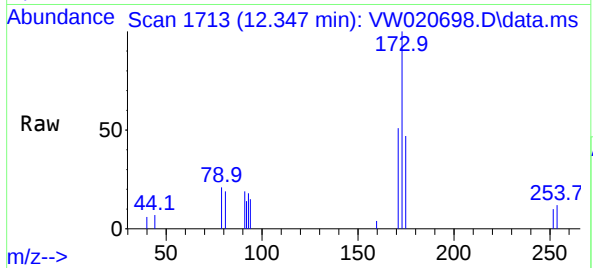
#70
Styrene
Concen: 3.816 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:104 Resp: 13328
Ion Ratio Lower Upper
104 100
78 52.8 41.4 62.0
103 55.2 43.3 64.9

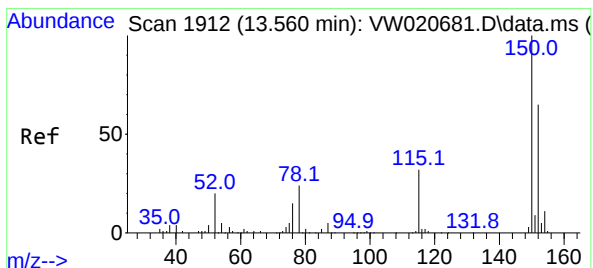
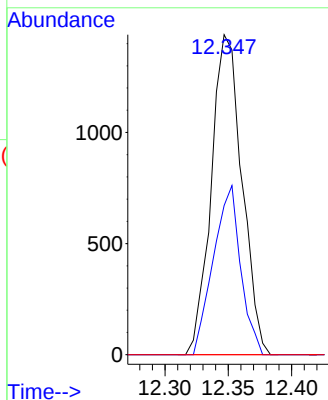
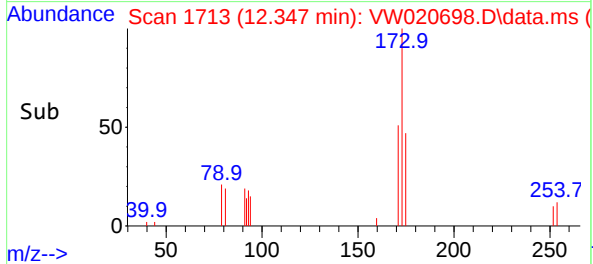




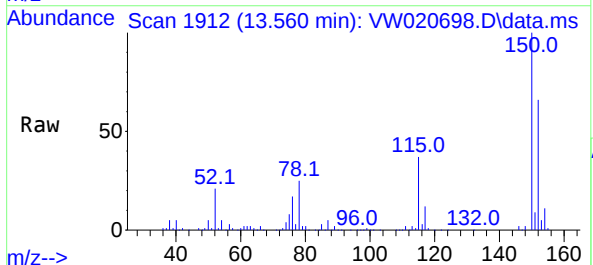
#71
Bromoform
Concen: 3.624 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



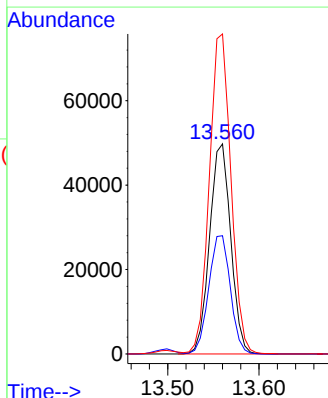
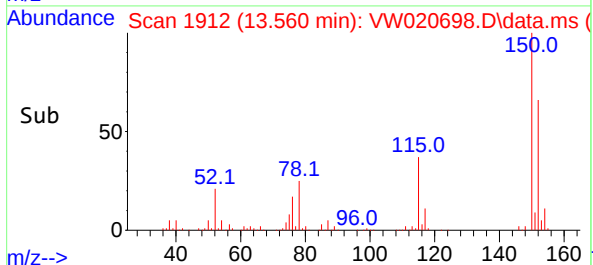
Tgt Ion:173 Resp: 2434
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion:152 Resp: 80078
Ion Ratio Lower Upper
152 100
115 57.5 29.6 88.9
150 155.5 0.0 352.6

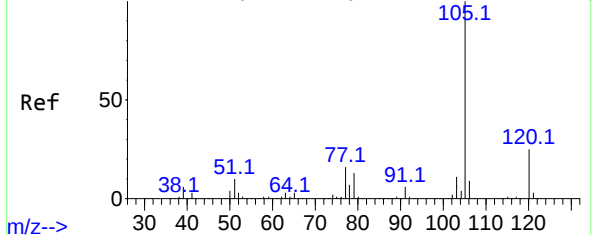


Instrument :
MSVOA_W
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Abundance Scan 1732 (12.463 min): VW020681.D\data.ms (



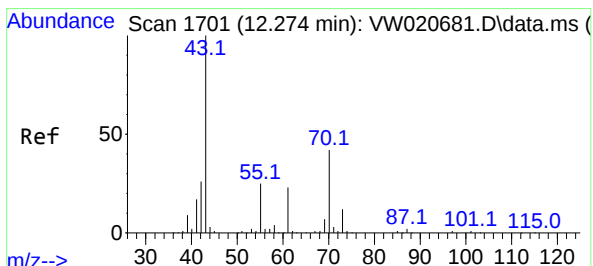
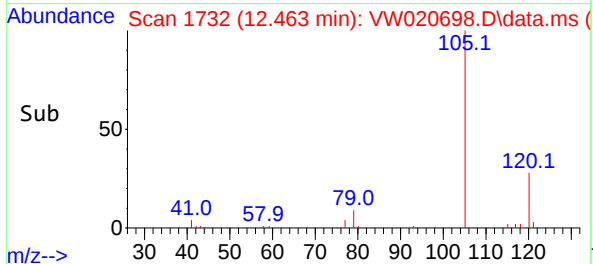
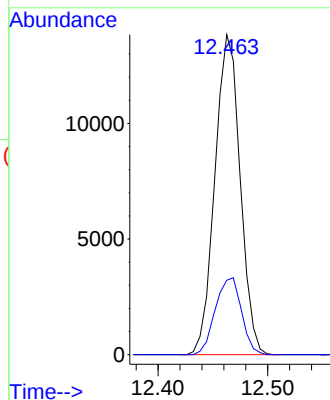
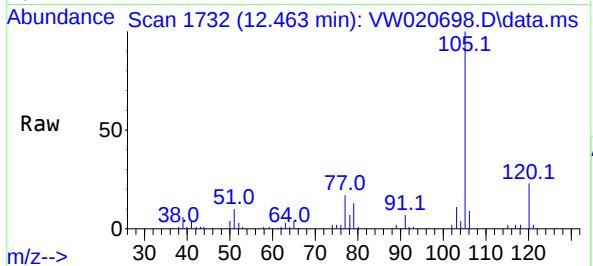
#73
Isopropylbenzene
Concen: 3.839 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 105 Resp: 22144
Ion Ratio Lower Upper
105 100
120 24.9 13.0 39.0

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

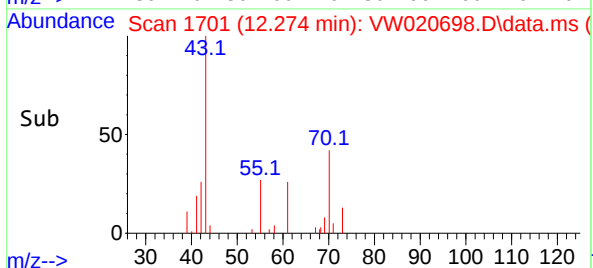
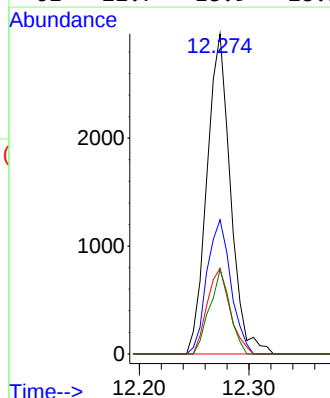
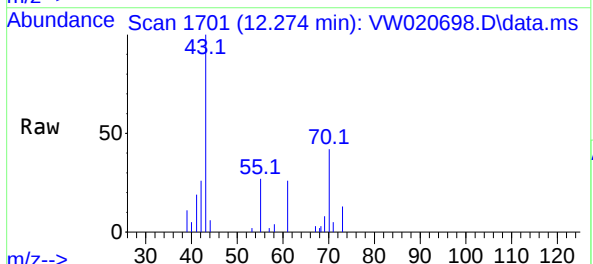
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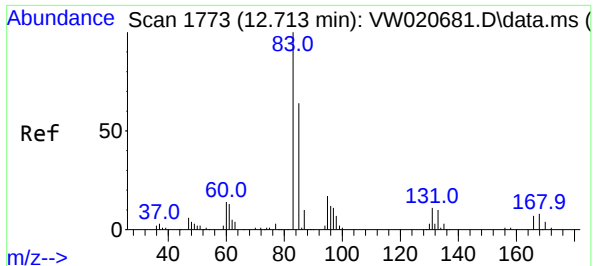
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#74
N-ethyl acetate
Concen: 3.165 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 43 Resp: 4431
Ion Ratio Lower Upper
43 100
70 42.5 33.4 50.2
55 25.8 20.1 30.1
61 22.7 18.9 28.3





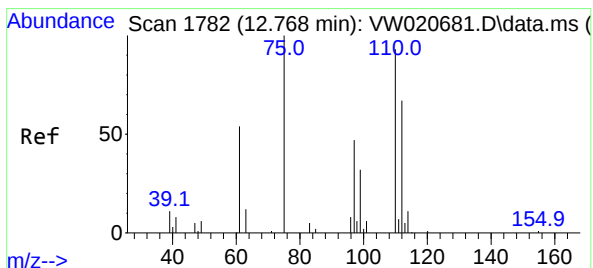
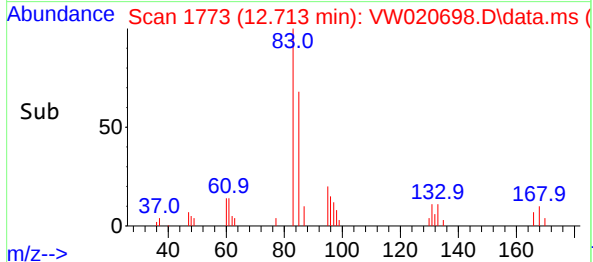
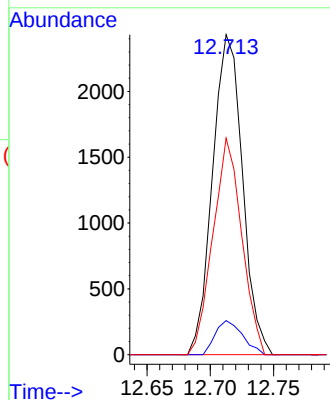
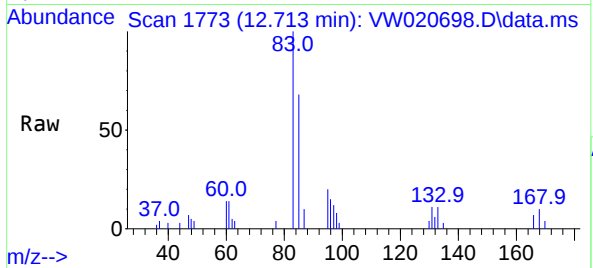
#75
1,1,2,2-Tetrachloroethane
Concen: 3.700 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 83 Resp: 3998
Ion Ratio Lower Upper
83 100
131 9.7 5.8 17.3
85 65.0 31.8 95.4

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

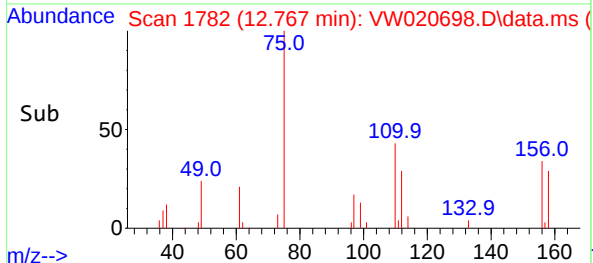
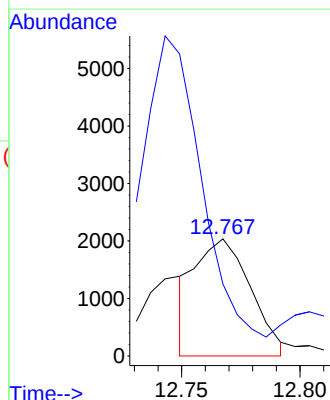
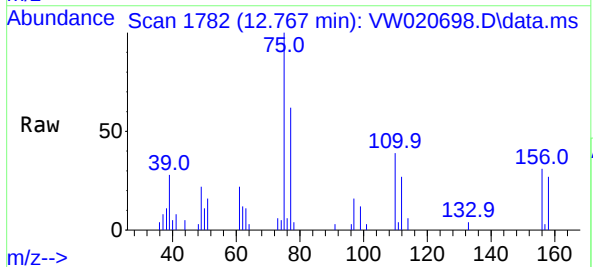
Manual Integrations
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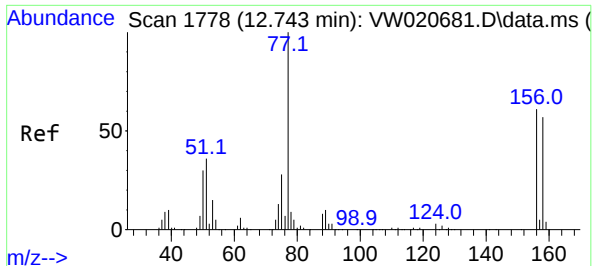
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#76
1,2,3-Trichloropropane
Concen: 3.732 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 75 Resp: 3311
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





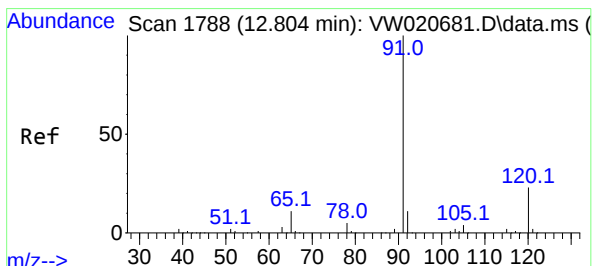
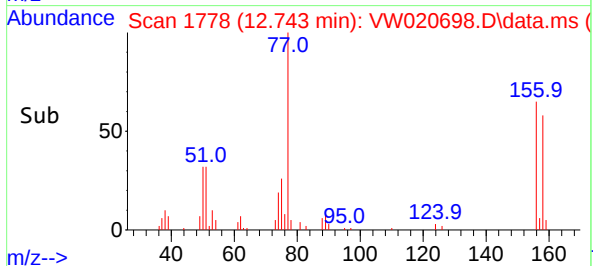
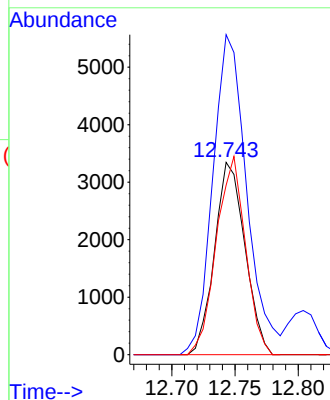
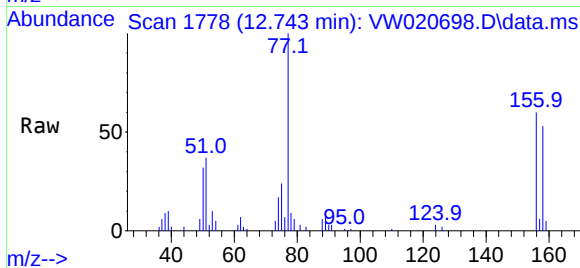
#77
Bromobenzene
Concen: 4.047 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion: 156 Resp: 5600
Ion Ratio Lower Upper
156 100
77 184.8 91.8 275.6
158 98.6 47.9 143.8

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

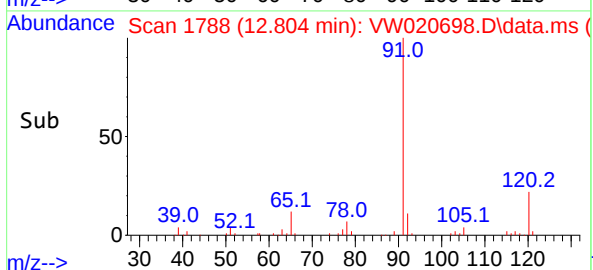
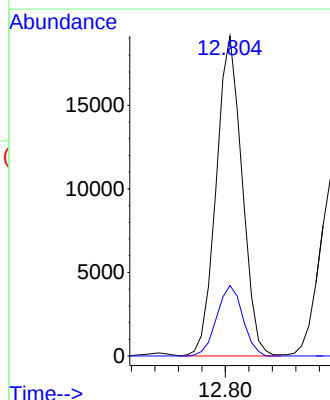
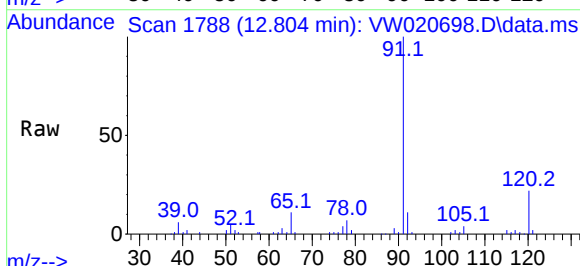
Manual Integrations
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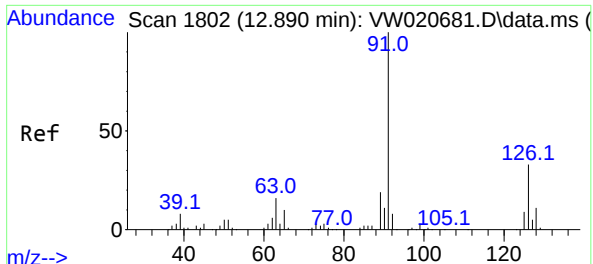
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#78
n-propylbenzene
Concen: 4.127 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

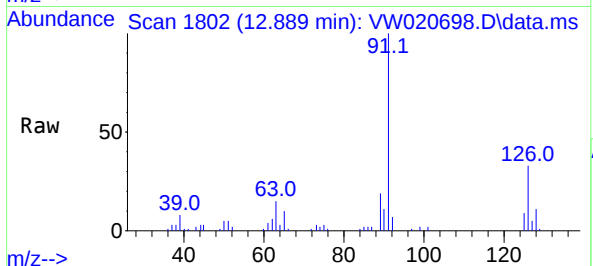
Tgt Ion: 91 Resp: 29238
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0





#79
2-Chlorotoluene
Concen: 4.090 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

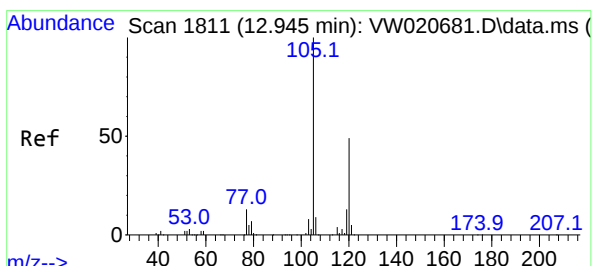
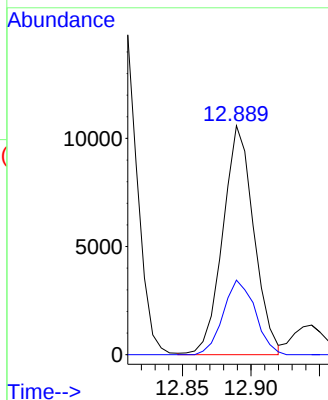
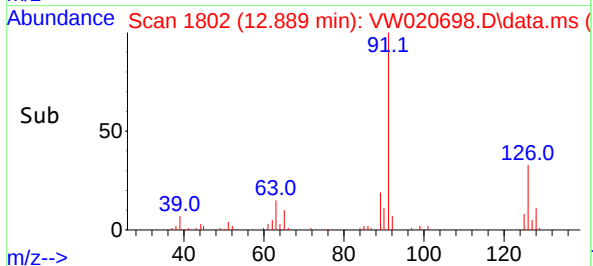
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



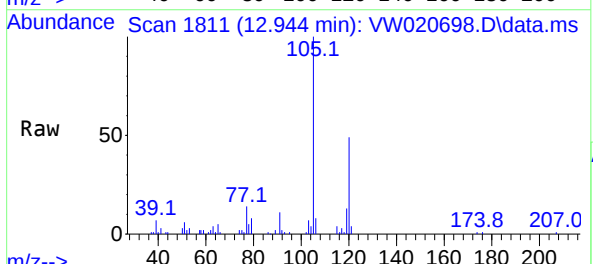
Tgt Ion: 91 Resp: 16668
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

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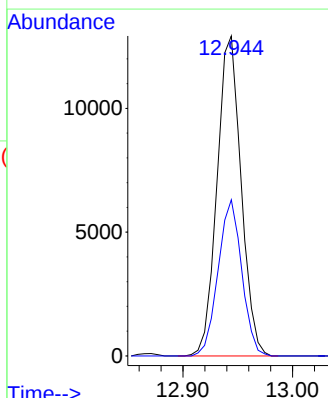
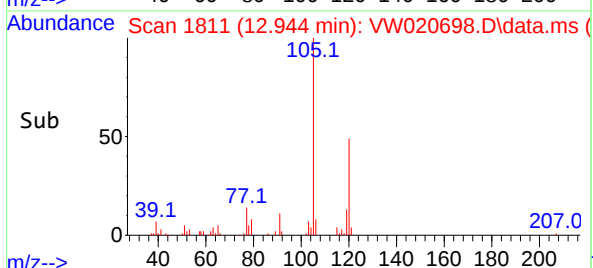
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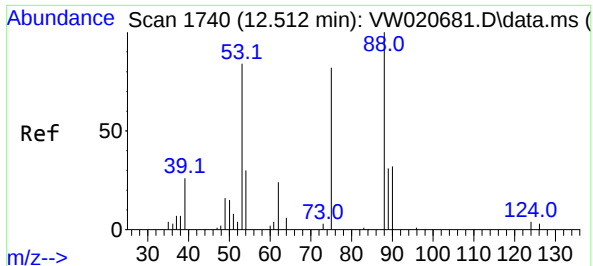


#80
1,3,5-Trimethylbenzene
Concen: 3.955 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



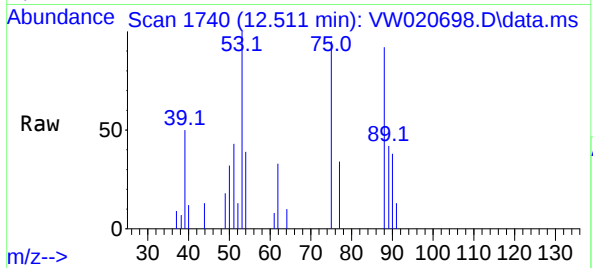
Tgt Ion: 105 Resp: 19718
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 3.330 ug/l m
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

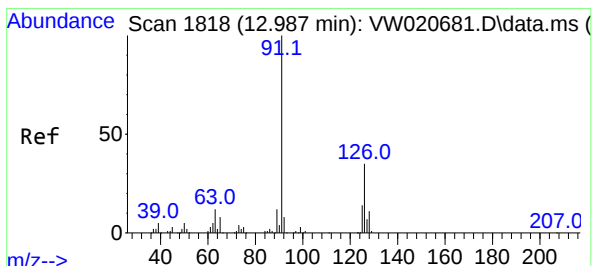
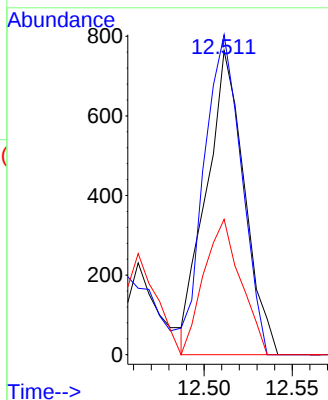
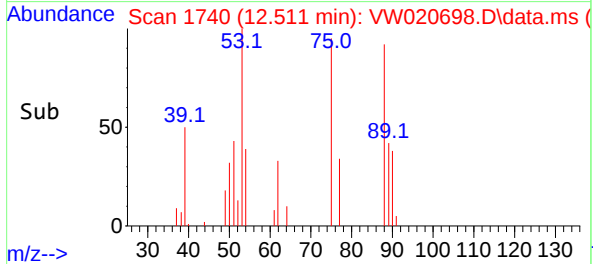
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



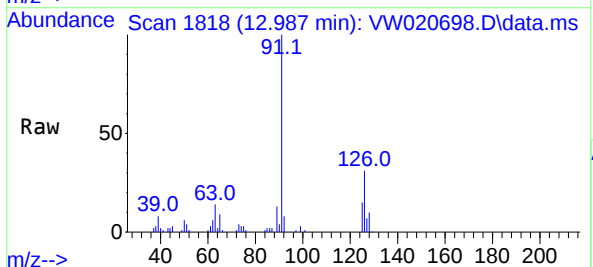
Tgt Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#

Manual Integrations
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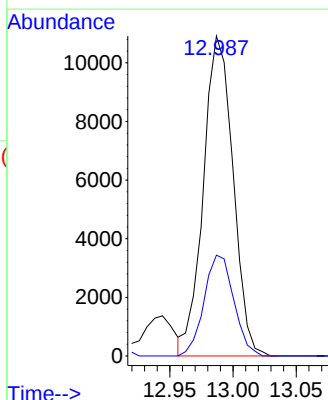
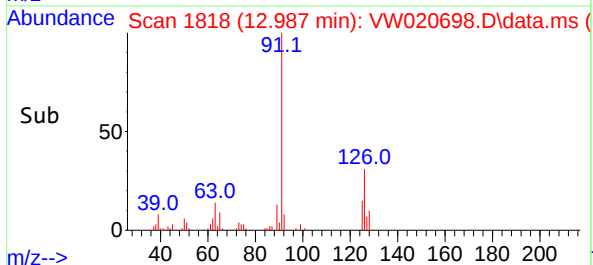
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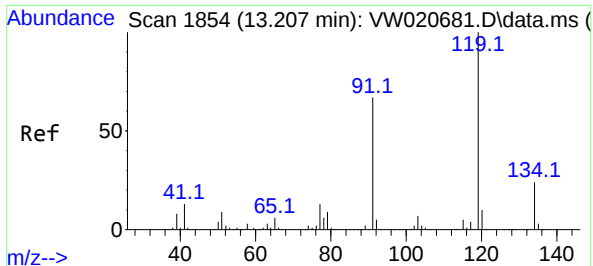


#82
4-Chlorotoluene
Concen: 4.148 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

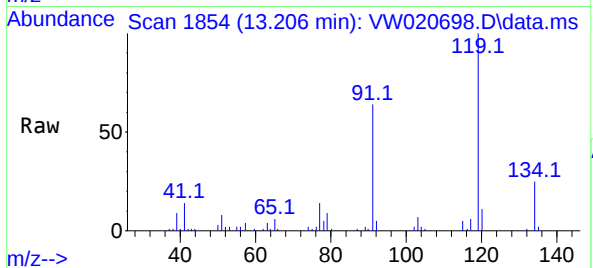


Tgt Ion: 91 Resp: 17779
Ion Ratio Lower Upper
91 100
126 31.6 16.8 50.4

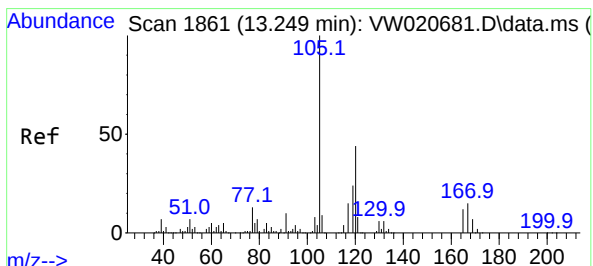
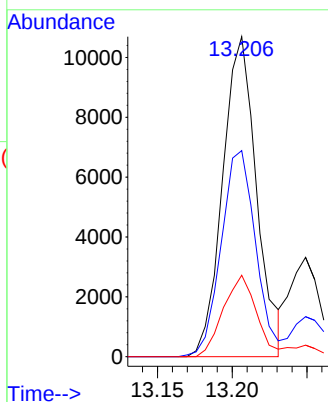
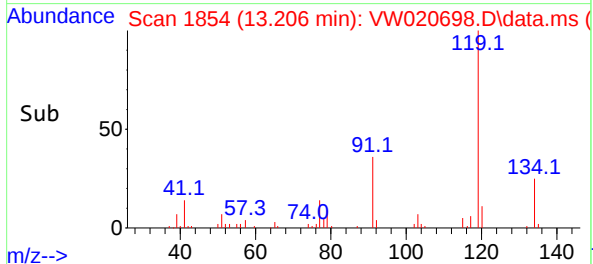




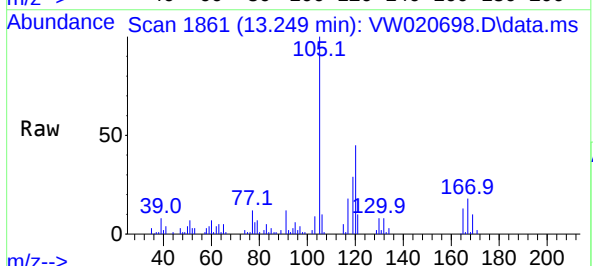
#83
tert-Butylbenzene
Concen: 3.929 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



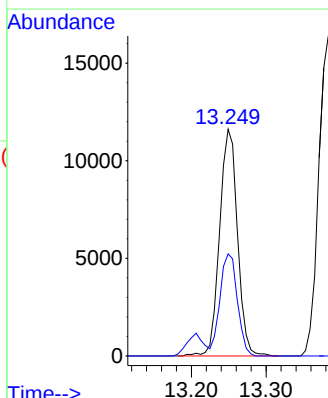
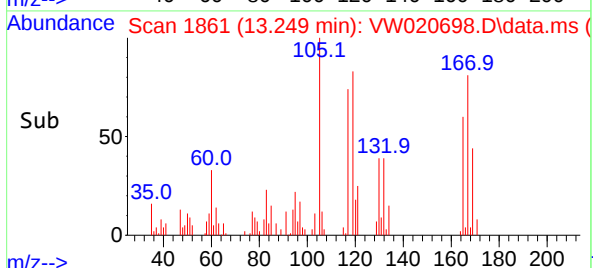
Tgt Ion:119 Resp: 16905
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.7
134 24.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 3.919 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



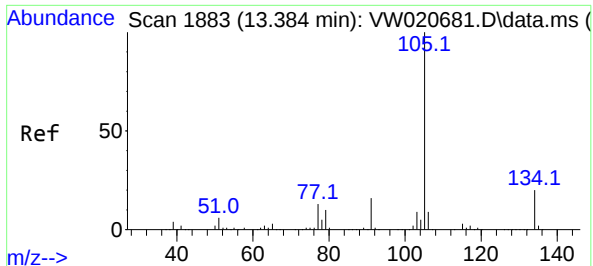
Tgt Ion:105 Resp: 19340
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7



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

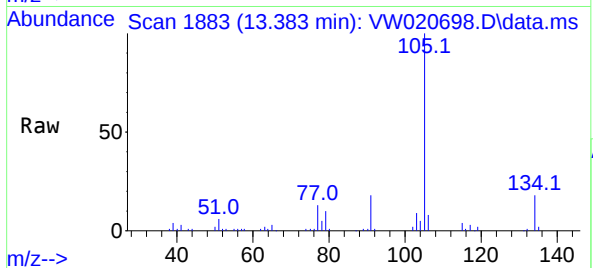
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#85
sec-Butylbenzene
Concen: 4.021 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

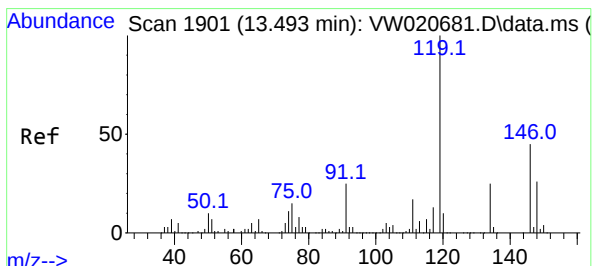
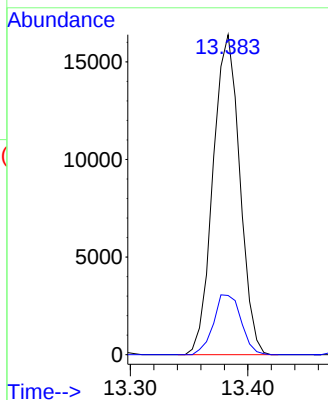
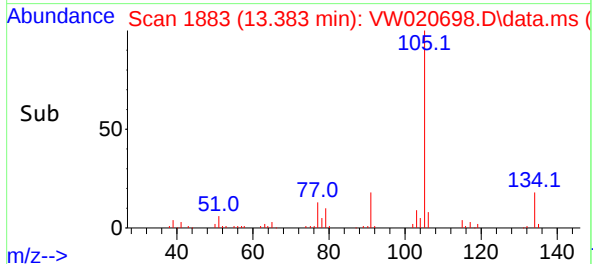
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



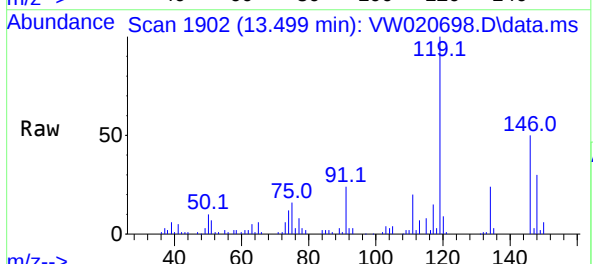
Tgt Ion:105 Resp: 25955
Ion Ratio Lower Upper
105 100
134 19.3 10.1 30.3

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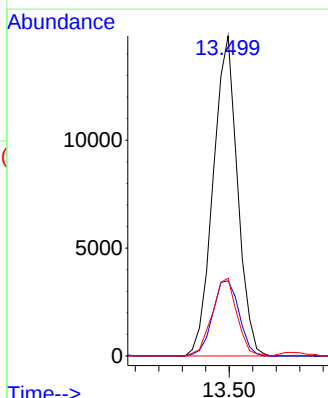
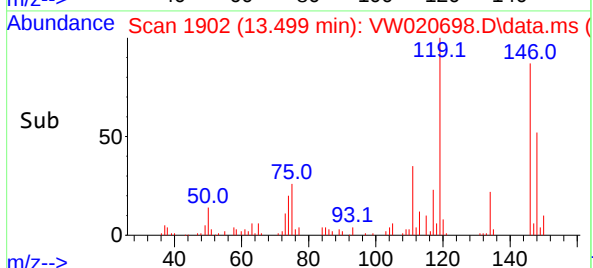
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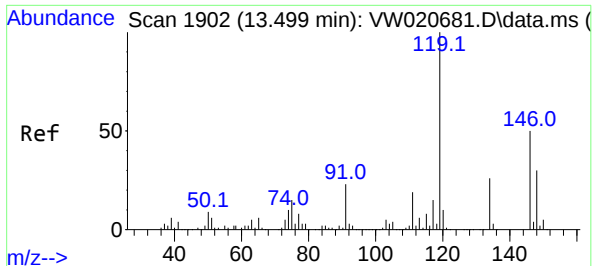


#86
p-Isopropyltoluene
Concen: 3.894 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion:119 Resp: 21381
Ion Ratio Lower Upper
119 100
134 25.5 13.0 38.9
91 24.7 12.0 36.0





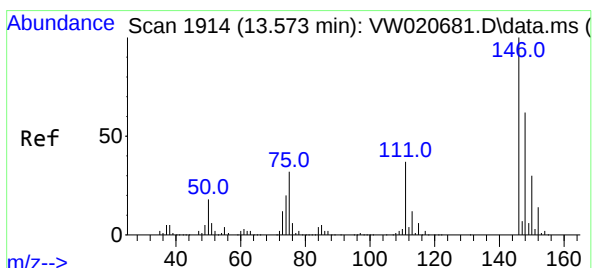
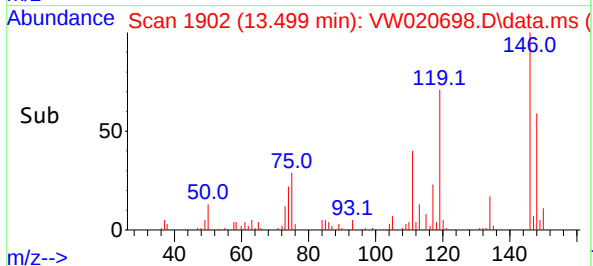
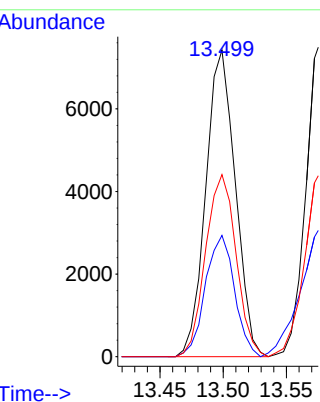
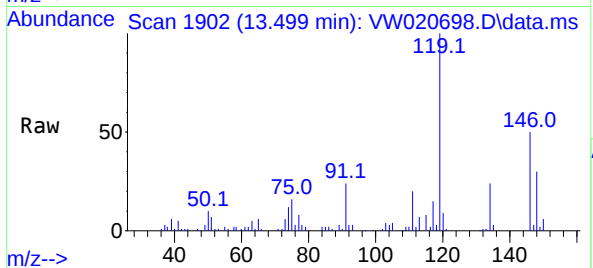
#87
1,3-Dichlorobenzene
Concen: 4.230 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:	146	Resp:	12043
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.4	58.2
148	61.4	30.8	92.3

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

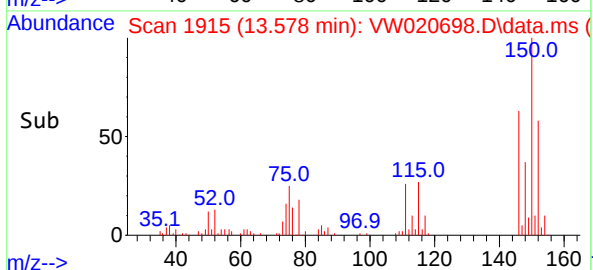
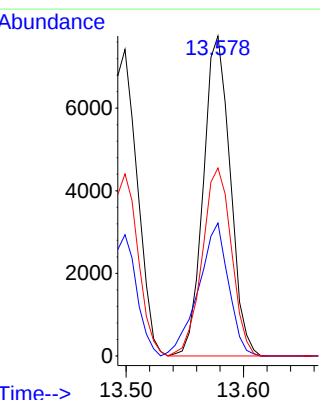
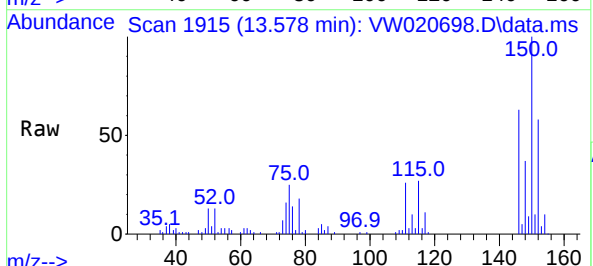
Manual Integrations
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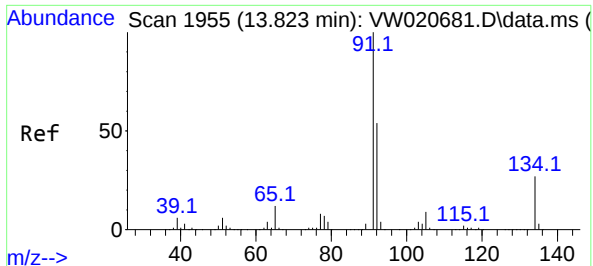
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#88
1,4-Dichlorobenzene
Concen: 4.337 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

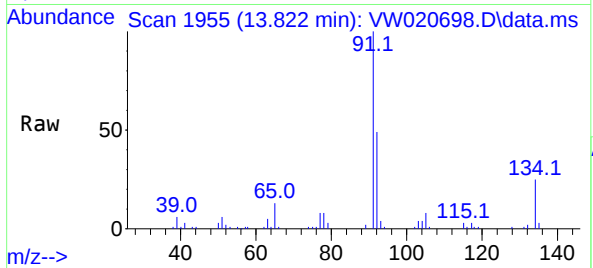
Tgt Ion:	146	Resp:	12331
Ion Ratio	Lower	Upper	
146	100		
111	46.5	19.4	58.4
148	64.0	32.4	97.2





#89
n-Butylbenzene
Concen: 3.968 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

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

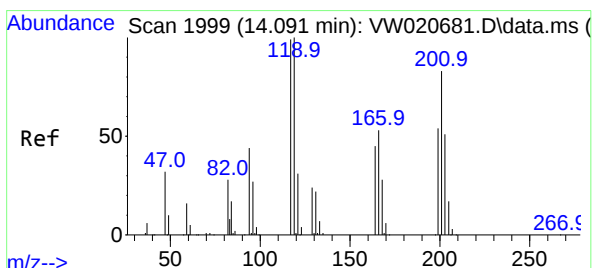
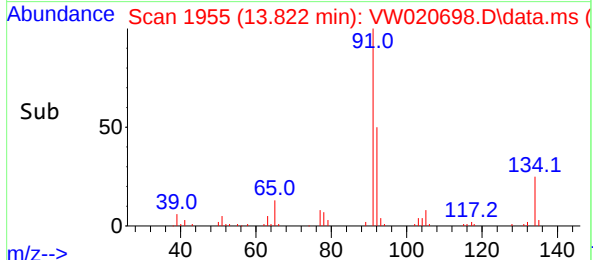
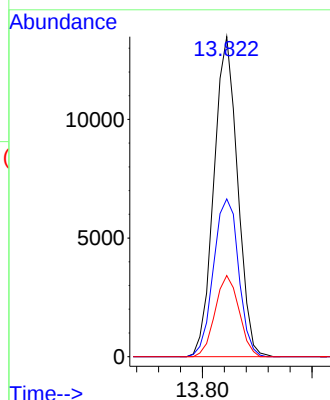


Tgt Ion: 91 Resp: 20205

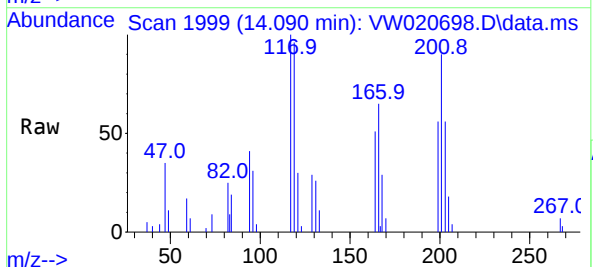
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.1	81.2
134	25.6	13.4	40.1

Manual Integrations
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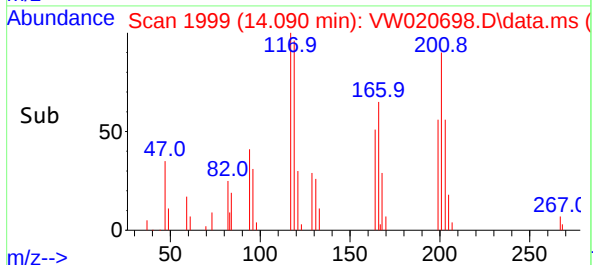
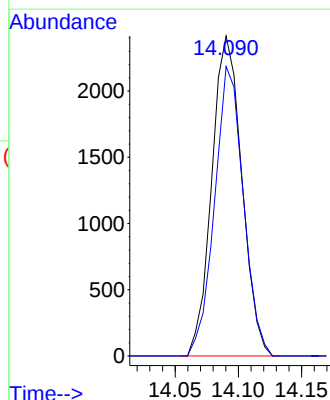


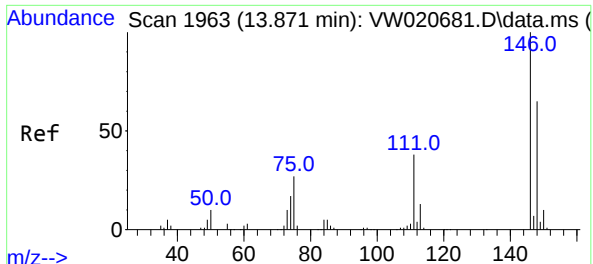
#90
Hexachloroethane
Concen: 4.152 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion: 117 Resp: 3979

Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.4	127.3





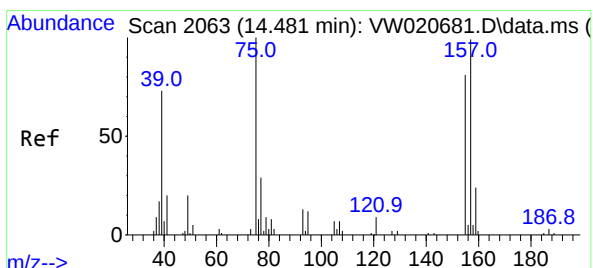
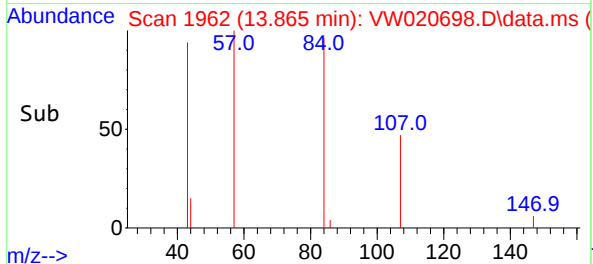
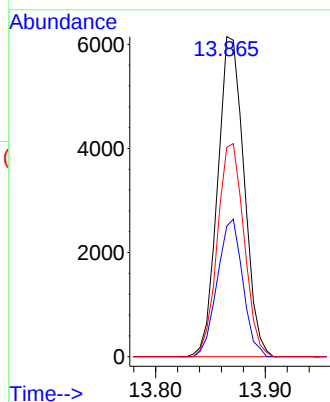
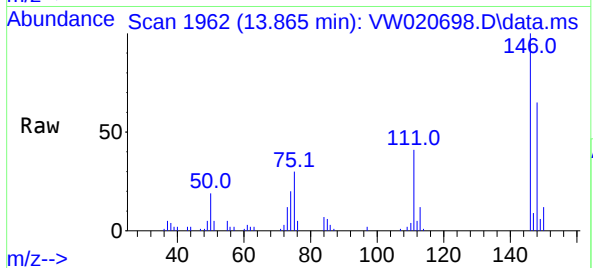
#91
1,2-Dichlorobenzene
Concen: 4.071 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

Tgt Ion:146 Resp: 10294
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 67.1 32.0 96.2

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

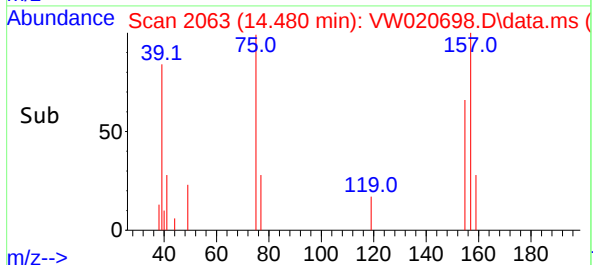
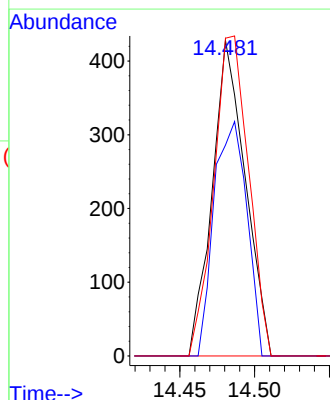
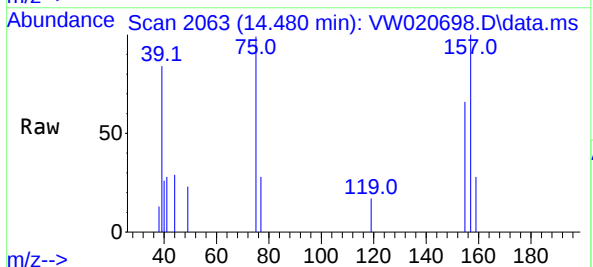
Manual Integrations
APPROVED

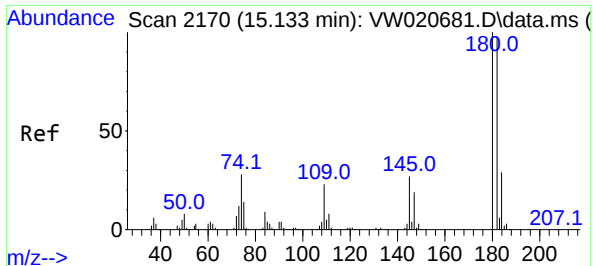
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.373 ug/l
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

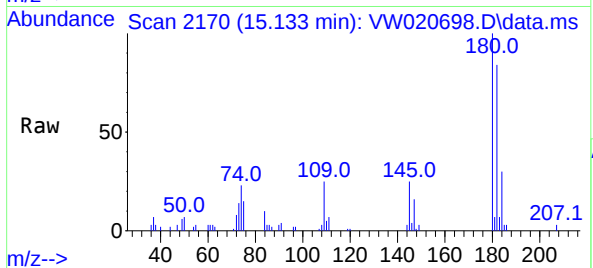
Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
155 73.4 42.5 127.6
157 106.5 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 4.258 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

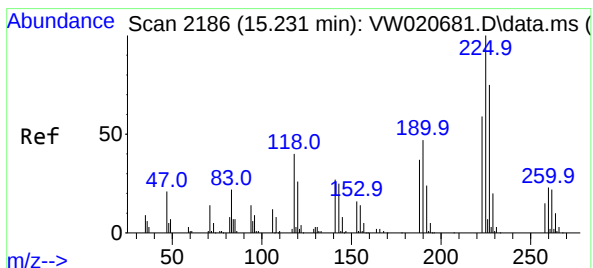
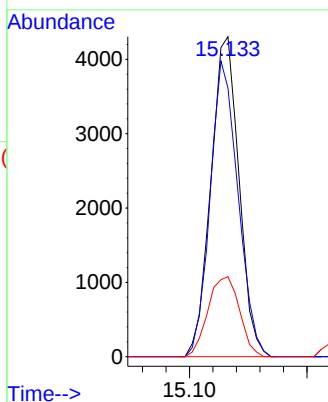
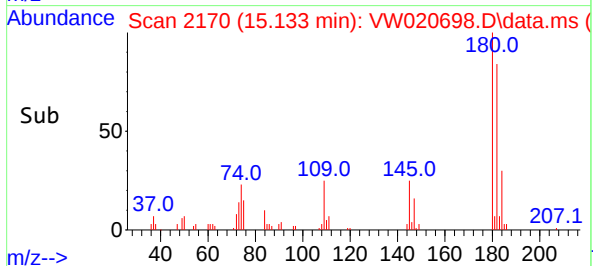
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



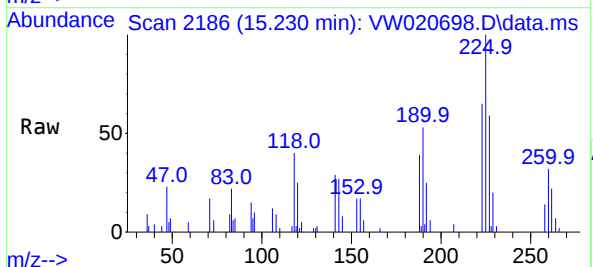
Tgt Ion:180 Resp: 7143
Ion Ratio Lower Upper
180 100
182 91.8 49.4 148.2
145 28.0 15.2 45.6

Manual Integrations
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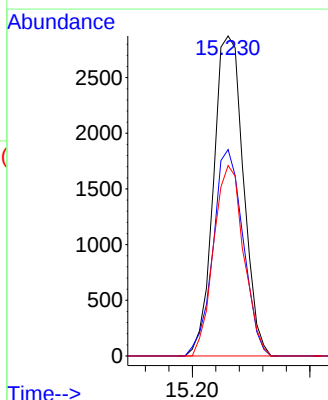
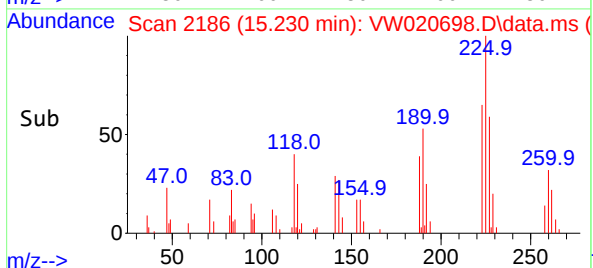
MMDadoda
10/27/2021 5:02:20 PM

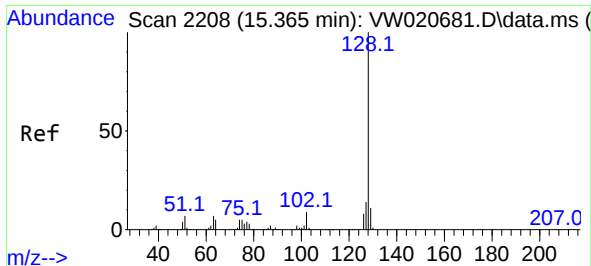


#94
Hexachlorobutadiene
Concen: 4.672 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



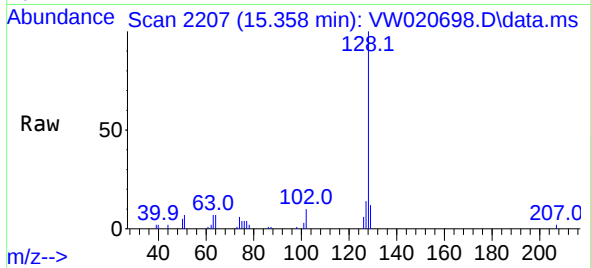
Tgt Ion:225 Resp: 5075
Ion Ratio Lower Upper
225 100
223 64.8 29.8 89.5
227 60.0 32.8 98.4





#95
Naphthalene
Concen: 3.251 ug/l
RT: 15.358 min Scan# 2207
Delta R.T. -0.007 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52

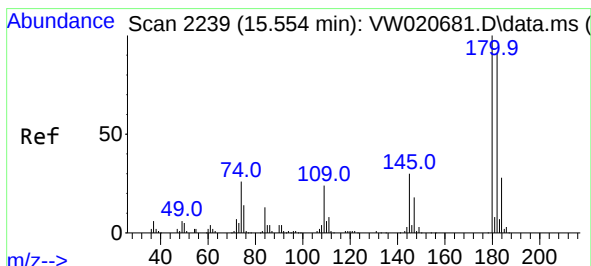
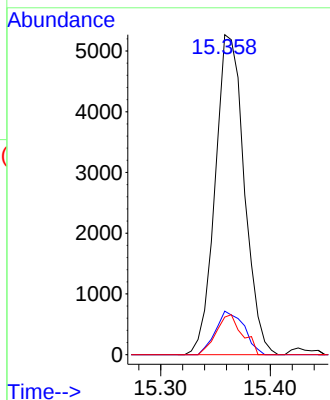
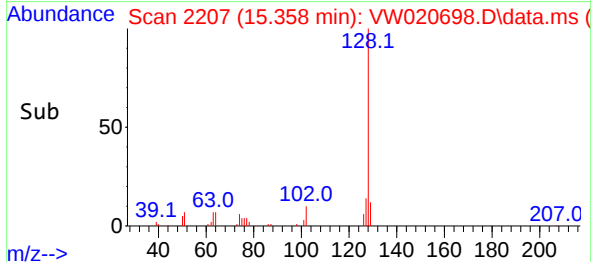
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



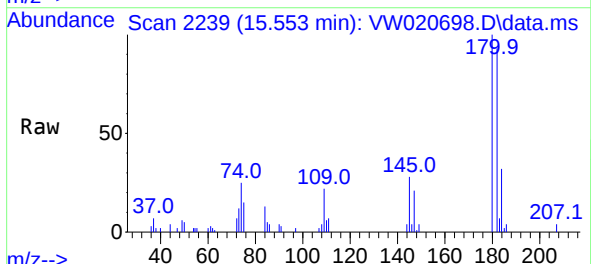
Tgt Ion:128 Resp: 9711
Ion Ratio Lower Upper
128 100
127 13.4 11.1 16.7
129 11.3 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:02:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.081 ug/l
RT: 15.553 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020698.D
Acq: 26 Oct 2021 13:52



Tgt Ion:180 Resp: 6198
Ion Ratio Lower Upper
180 100
182 95.4 46.4 139.2
145 29.8 15.7 47.0

