

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
 Data File : VW018943.D
 Acq On : 06 May 2021 13:36
 Operator : SY/VA
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
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 5/7/2021 6:22:36 PM

Quant Time: May 07 01:26:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 01:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	637022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	583219	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	285762	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151577	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.20%
7) Chloroethane-d5	2.892	69	118878	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
11) 1,1-Dichloroethene-d2	4.019	63	264401	16.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.16%
21) 2-Butanone-d5	7.074	46	110871	52.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.18%
24) Chloroform-d	7.647	84	373666	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	8.305	65	228102	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
32) Benzene-d6	8.275	84	707395	21.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.88%
36) 1,2-Dichloropropane-d6	9.275	67	216954	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
41) Toluene-d8	10.323	98	644474	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
43) trans-1,3-Dichloroprop...	10.579	79	91794	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
47) 2-Hexanone-d5	10.927	63	82327	47.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.06%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	189087	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
66) 1,2-Dichlorobenzene-d4	13.853	152	207809	21.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.88%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	6556	1.08	ug/L #	83
3) Chloromethane	2.215	50	9142	1.61	ug/L	100
5) Vinyl chloride	2.367	62	12994	1.41	ug/L #	80
6) Bromomethane	2.788	94	7556	1.17	ug/L	95
8) Chloroethane	2.928	64	6756	1.22	ug/L	98
9) Trichlorofluoromethane	3.263	101	8648	1.21	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	13357	1.62	ug/L	86
12) 1,1-Dichloroethene	4.038	96	12970	1.57	ug/L #	1
13) Acetone	4.129	43	8537	5.23	ug/L	93
14) Carbon disulfide	4.379	76	30224	1.24	ug/L	99
15) Methyl Acetate	4.672	43	4642	1.40	ug/L	94
16) Methylene chloride	4.916	84	49998	4.75	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	11269m	1.27	ug/L	
18) Methyl tert-butyl Ether	5.428	73	16693	1.37	ug/L #	80
19) 1,1-Dichloroethane	6.220	63	21521	1.42	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	12374	1.32	ug/L	97
22) 2-Butanone	7.177	43	10786m	4.77	ug/L	
23) Bromochloromethane	7.519	128	5526	1.34	ug/L	90
25) Chloroform	7.677	83	24417	1.54	ug/L	91

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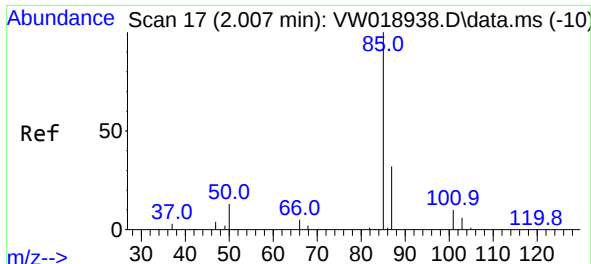
Manual Integrations
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Quant Time: May 07 01:26:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 01:24:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	17185	1.59	ug/L	100
29) Cyclohexane	7.958	56	17912	1.28	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	17554	1.36	ug/L	96
31) Carbon tetrachloride	8.067	117	15739	1.34	ug/L	100
33) Benzene	8.323	78	53783	1.54	ug/L	100
34) Trichloroethene	9.092	95	12395	1.33	ug/L	96
35) Methylcyclohexane	9.335	83	20809	1.27	ug/L	94
37) 1,2-Dichloropropane	9.366	63	11736	1.39	ug/L	99
38) Bromodichloromethane	9.646	83	15346	1.38	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	17092	1.27	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	17316	3.31	ug/L	97
42) Toluene	10.390	91	59193	1.54	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	20238	1.72	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	8798	1.32	ug/L	92
46) Tetrachloroethene	10.866	164	10672	1.52	ug/L	94
48) 2-Hexanone	10.975	43	9832	2.89	ug/L	94
49) Dibromochloromethane	11.128	129	9036	1.25	ug/L	91
50) 1,2-Dibromoethane	11.238	107	8007	1.23	ug/L	87
51) Chlorobenzene	11.658	112	30858	1.31	ug/L	97
52) Ethylbenzene	11.731	91	55741	1.31	ug/L	94
53) m,p-Xylene	11.841	106	20398	1.29	ug/L	88
54) o-Xylene	12.164	106	18054	1.20	ug/L	95
55) Styrene	12.183	104	29607	1.17	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.719	83	11889	1.47	ug/L #	95
59) Bromoform	12.347	173	4509	1.14	ug/L #	96
60) Isopropylbenzene	12.463	105	49220	1.21	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	8485	1.40	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	41693	1.22	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	42580	1.25	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	22095	1.28	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	23754	1.37	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	21187	1.36	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1907	1.48	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.627	180	14991	1.21	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	13327	1.29	ug/L	97
71) Naphthalene	15.365	128	23551	1.08	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	11274	1.24	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



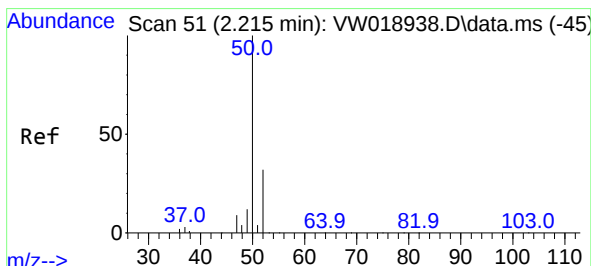
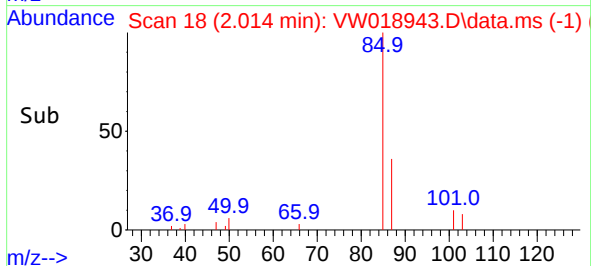
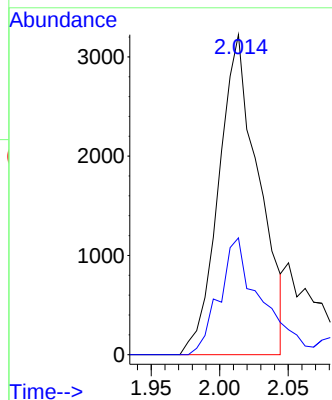
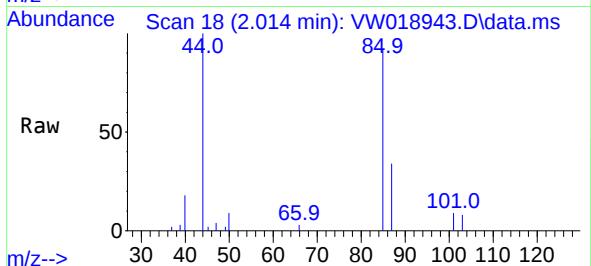
#2
 Dichlorodifluoromethane
 Concen: 1.08 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW018943.D
 Acq: 06 May 2021 13:36

Tgt Ion: 85 Resp: 6556
 Ion Ratio Lower Upper
 85 100
 87 38.2 23.3 34.9#

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

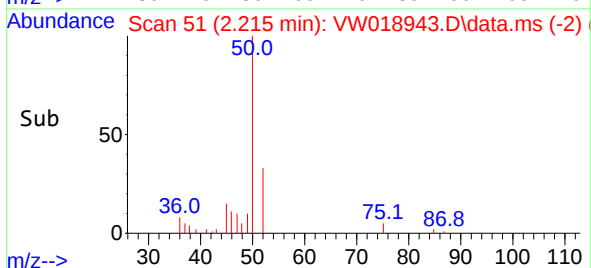
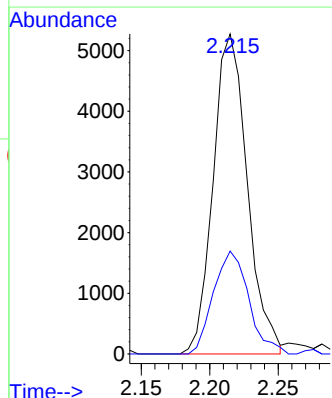
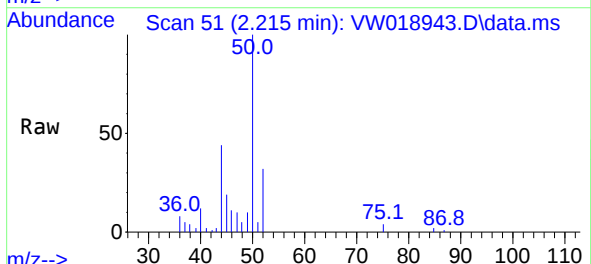
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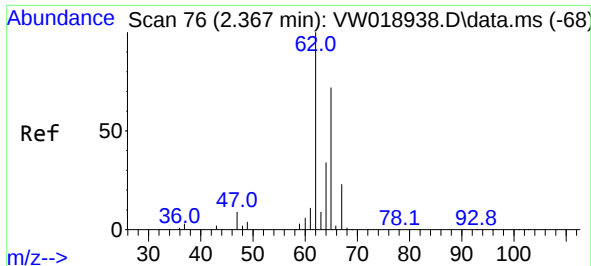
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#3
 Chloromethane
 Concen: 1.61 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW018943.D
 Acq: 06 May 2021 13:36

Tgt Ion: 50 Resp: 9142
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.9





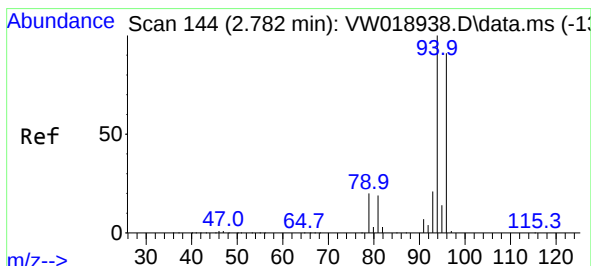
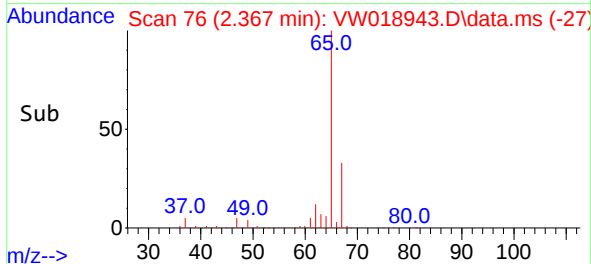
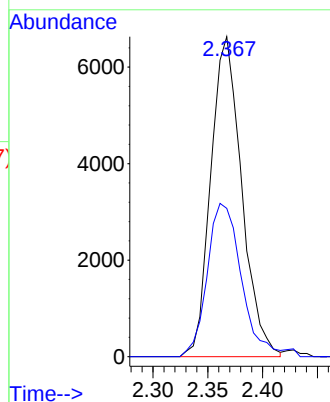
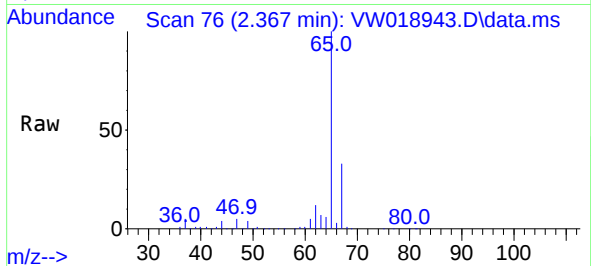
#5
 Vinyl chloride
 Concen: 1.41 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018943.D
 Acq: 06 May 2021 13:36

Tgt Ion: 62 Resp: 12994
 Ion Ratio Lower Upper
 62 100
 64 46.3 24.2 45.0#

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

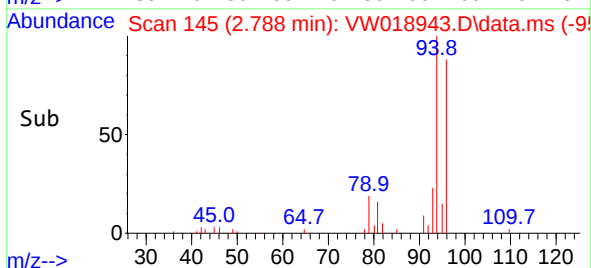
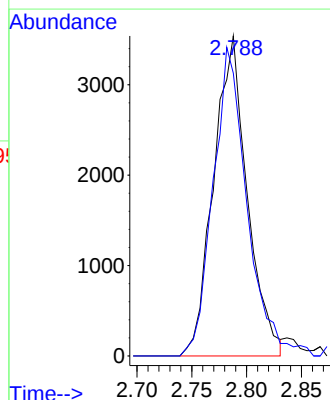
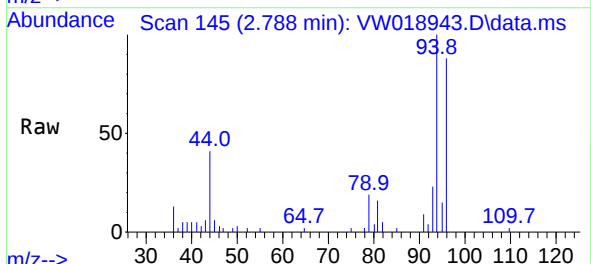
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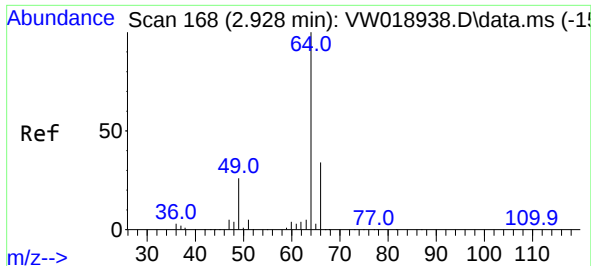
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#6
 Bromomethane
 Concen: 1.17 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018943.D
 Acq: 06 May 2021 13:36

Tgt Ion: 94 Resp: 7556
 Ion Ratio Lower Upper
 94 100
 96 88.4 65.3 121.3





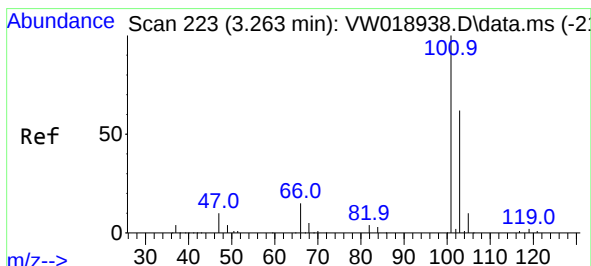
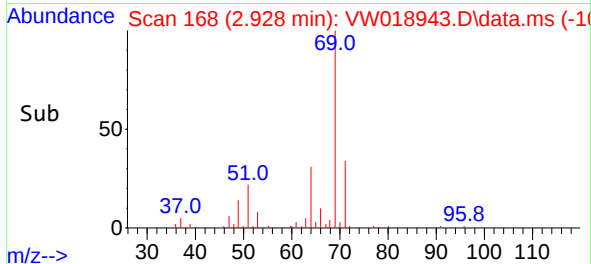
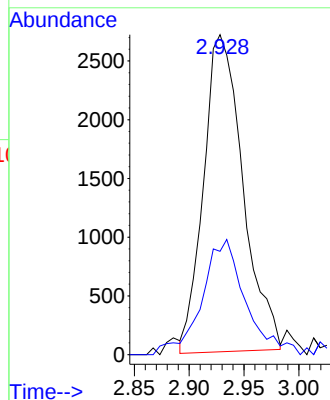
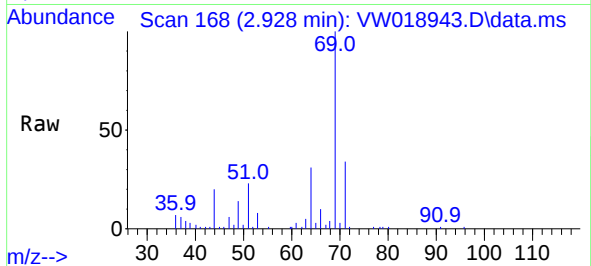
#8
Chloroethane
Concen: 1.22 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 64 Resp: 6756
Ion Ratio Lower Upper
64 100
66 32.3 23.4 43.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

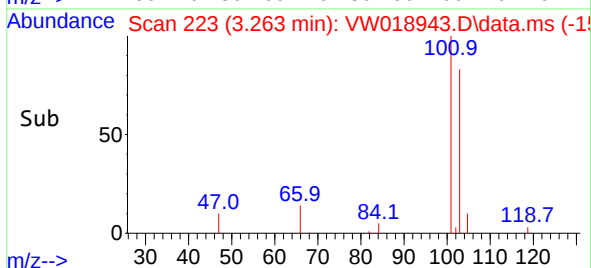
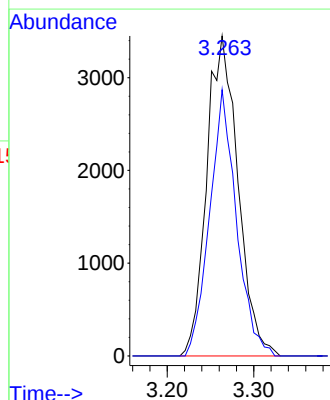
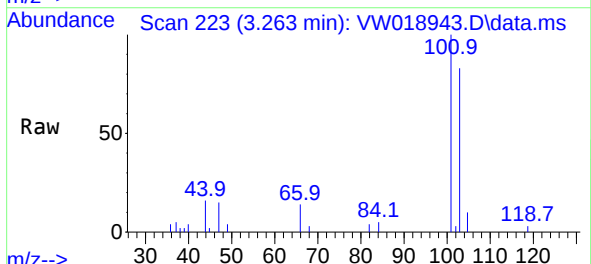
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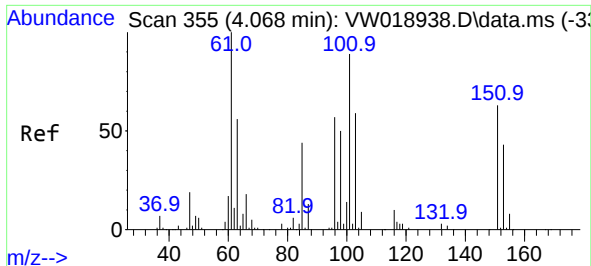
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#9
Trichlorofluoromethane
Concen: 1.21 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:101 Resp: 8648
Ion Ratio Lower Upper
101 100
103 71.5 51.0 76.4





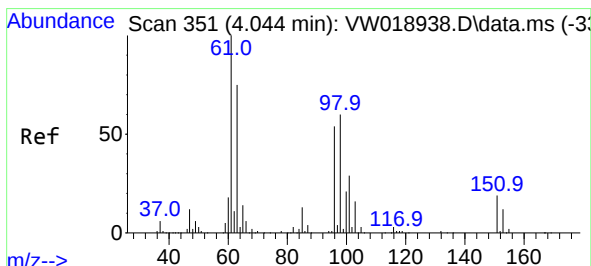
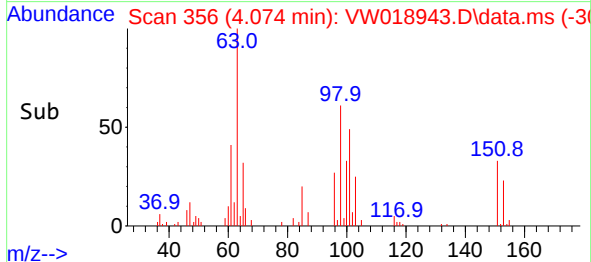
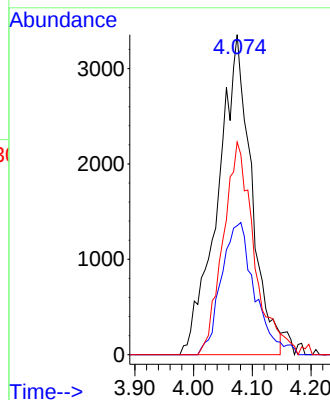
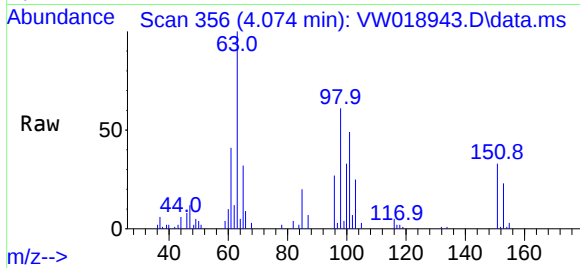
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.62 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 101 Resp: 13357
Ion Ratio Lower Upper
101 100
85 40.3 38.2 57.2
151 57.5 56.6 85.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

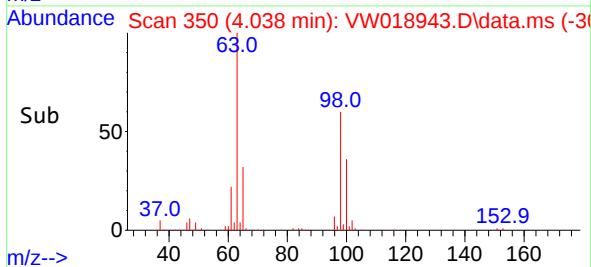
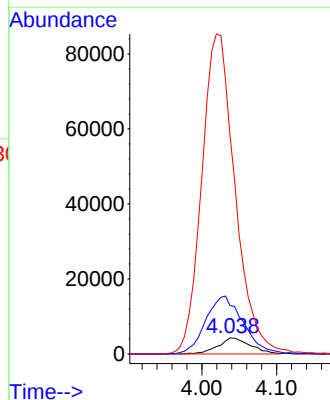
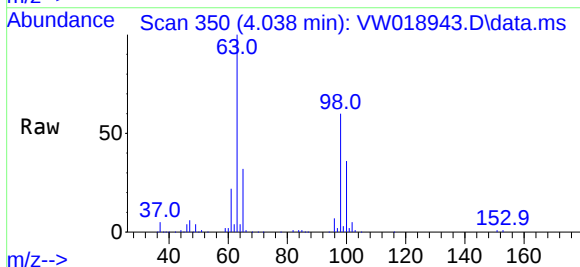
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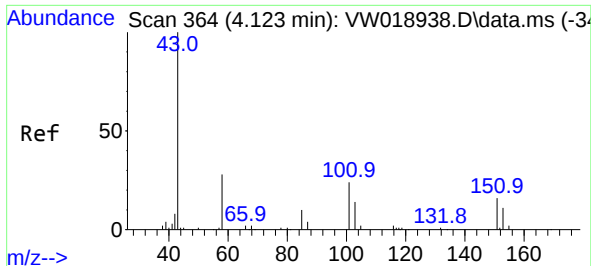
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#12
1,1-Dichloroethene
Concen: 1.57 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 96 Resp: 12970
Ion Ratio Lower Upper
96 100
61 302.9 118.1 219.3#
63 1369.0 83.7 155.5#





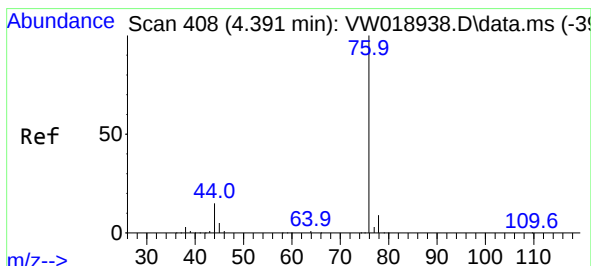
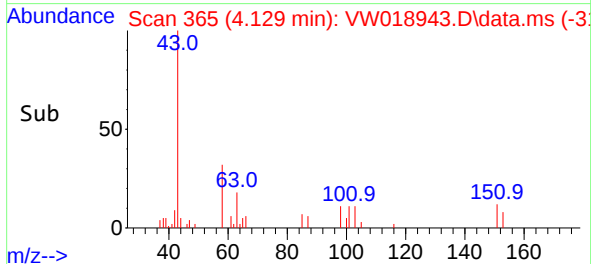
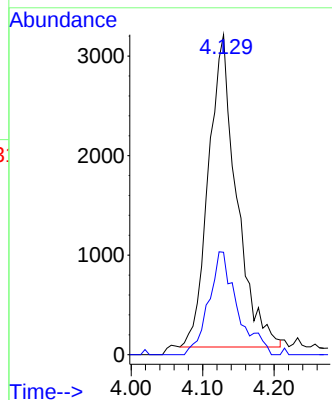
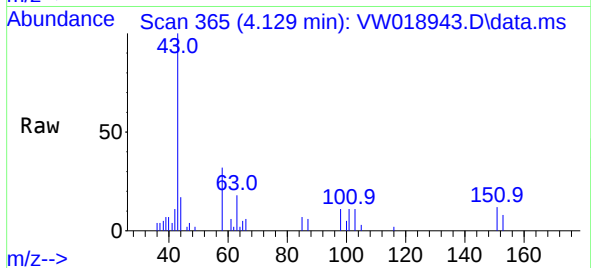
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Acetone
Concen: 5.23 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 43 Resp: 8537
Ion Ratio Lower Upper
43 100
58 30.6 0.0 53.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

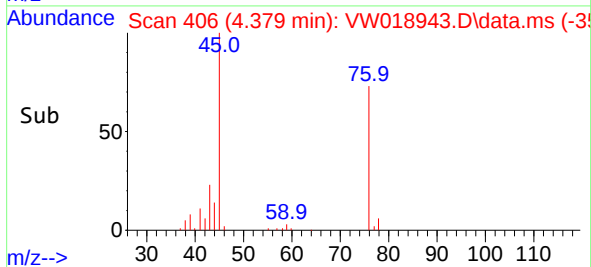
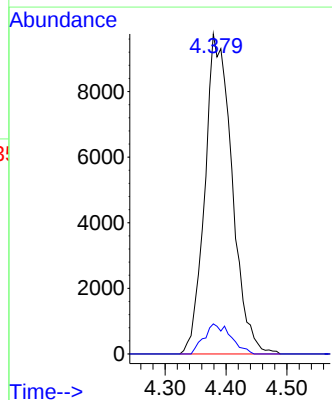
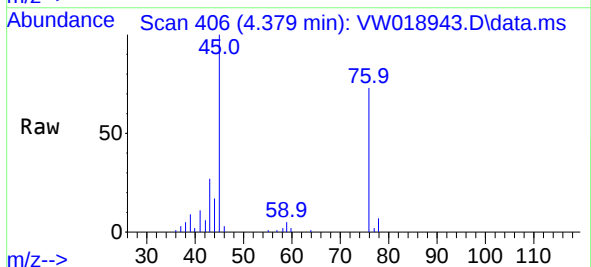
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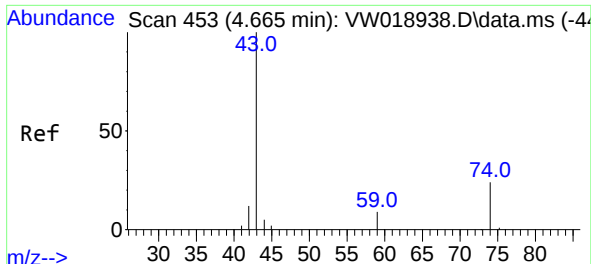
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#14
Carbon disulfide
Concen: 1.24 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 76 Resp: 30224
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





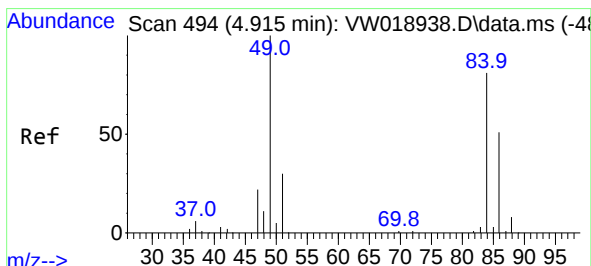
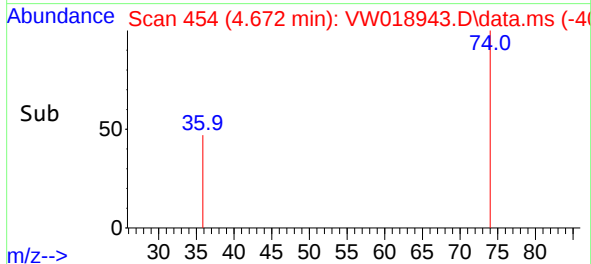
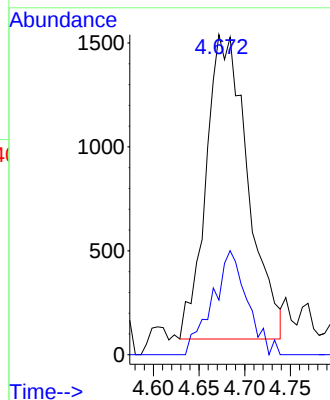
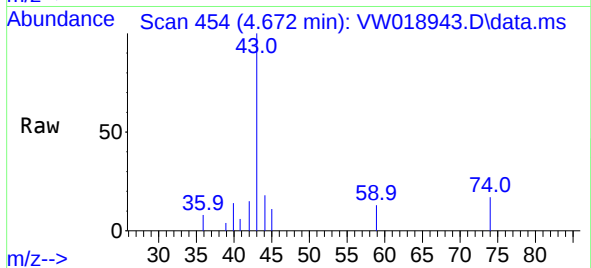
#15
Methyl Acetate
Concen: 1.40 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 43 Resp: 4642
Ion Ratio Lower Upper
43 100
74 27.9 20.0 30.0

Instrument :
MSVOA_W
ClientSampleId :
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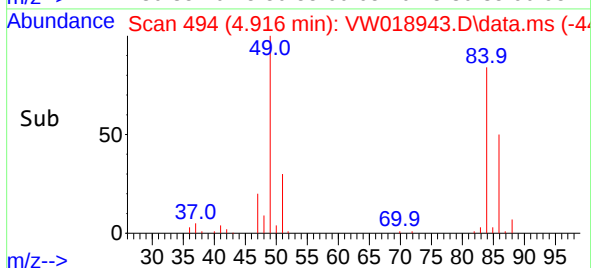
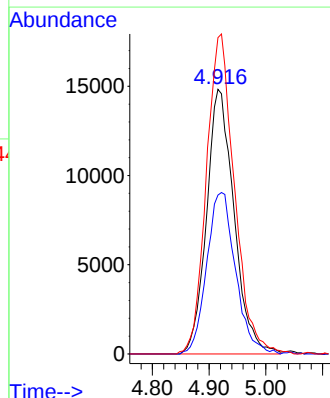
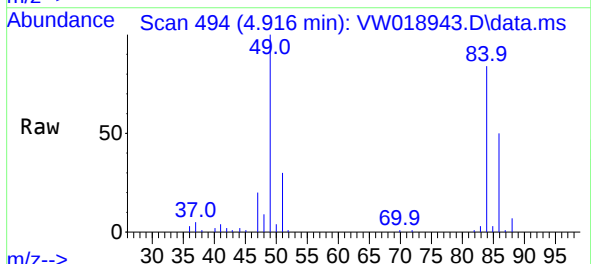
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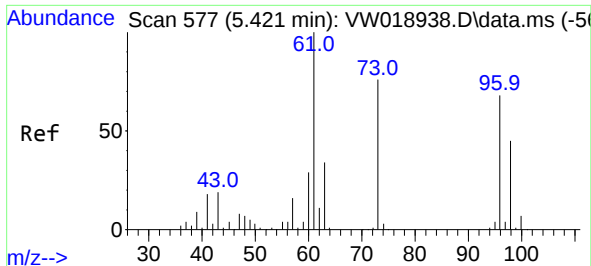
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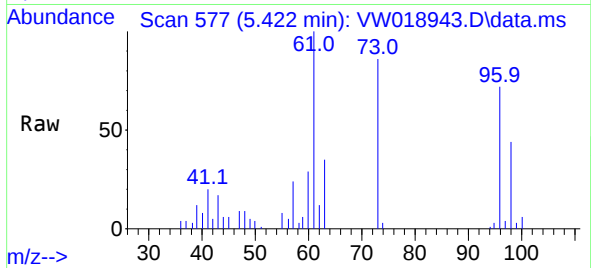
#16
Methylene chloride
Concen: 4.75 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 84 Resp: 49998
Ion Ratio Lower Upper
84 100
86 60.0 45.3 84.1
49 119.5 86.6 160.8



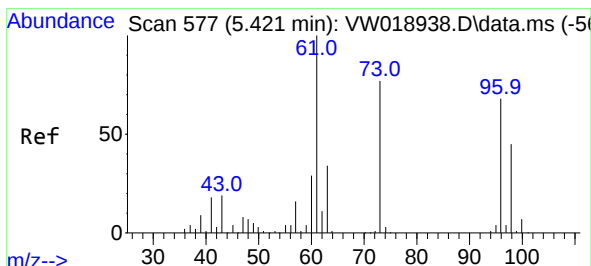
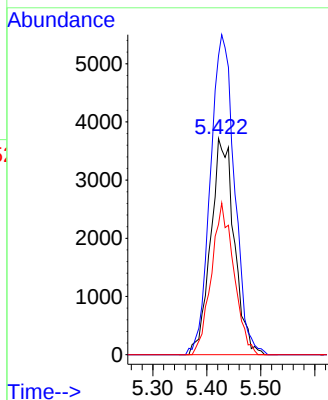
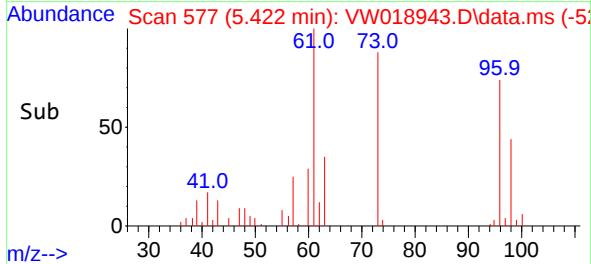


#17
trans-1,2-Dichloroethene
Concen: 1.27 ug/L m
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

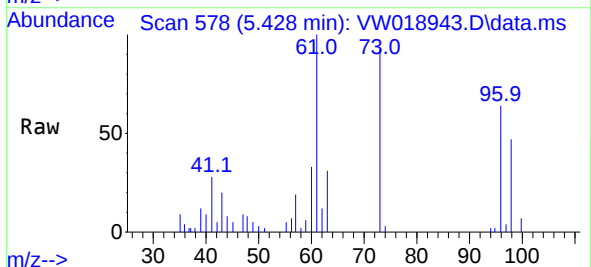


Tgt Ion: 96 Resp: 11269

Ion	Ratio	Lower	Upper
96	100		
61	138.3	98.3	182.7
98	60.3	46.1	85.7

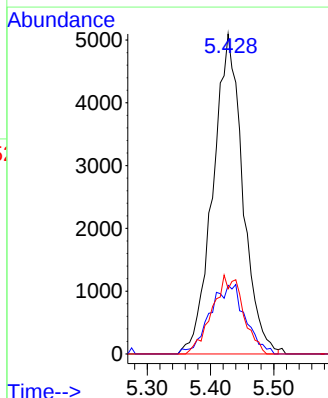
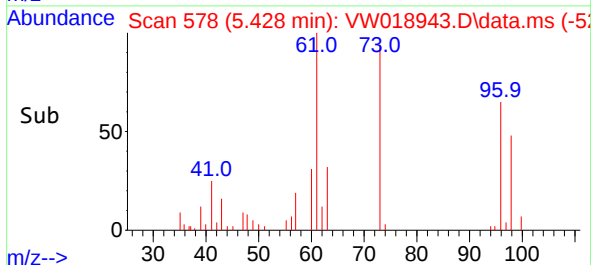


#18
Methyl tert-butyl Ether
Concen: 1.37 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



Tgt Ion: 73 Resp: 16693

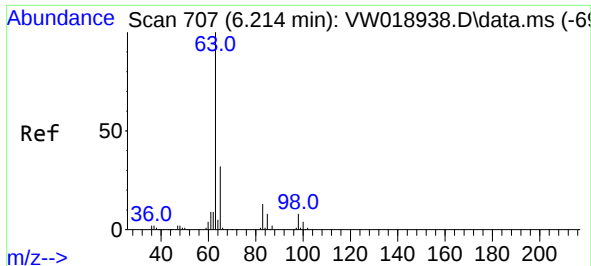
Ion	Ratio	Lower	Upper
73	100		
43	10.2	17.7	26.5#
57	14.1	17.0	25.4#



Instrument :
MSVOA_W
ClientSampleId :
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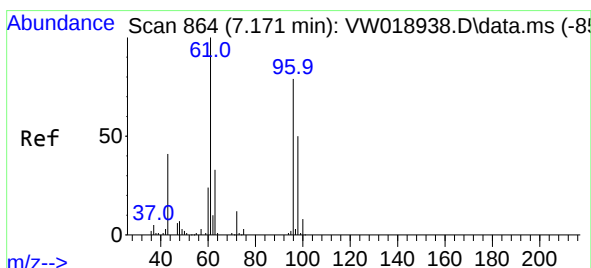
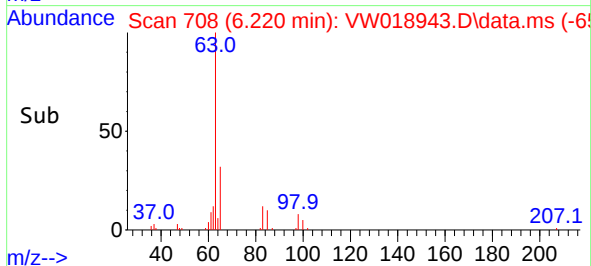
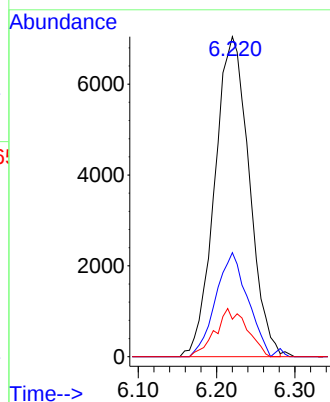
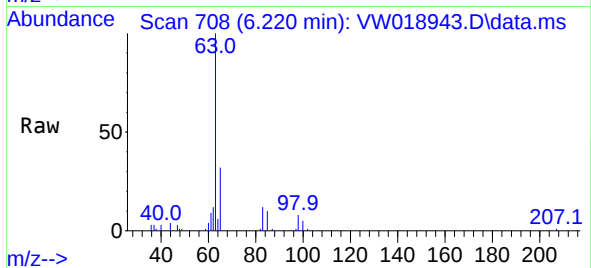
#19
1,1-Dichloroethane
Concen: 1.42 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	63	Resp:	21521
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.9	42.5
83	11.7	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

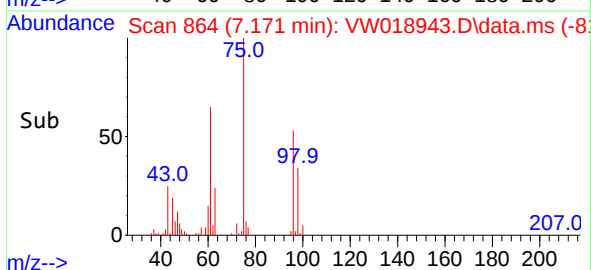
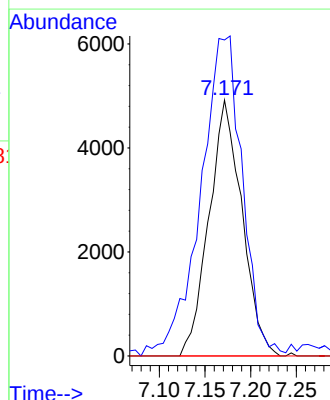
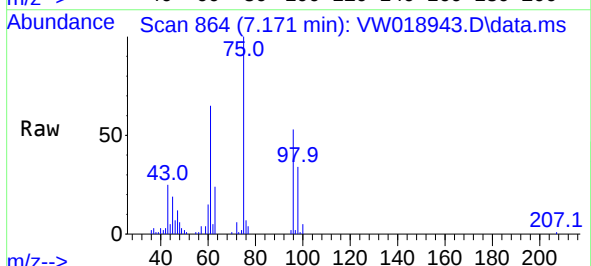
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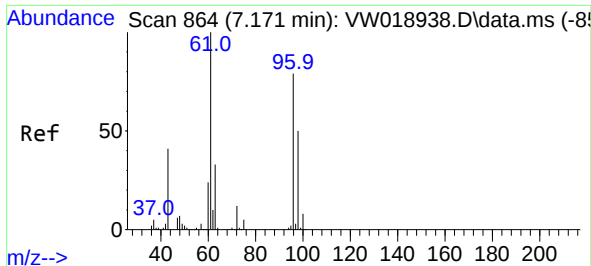
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#20
cis-1,2-Dichloroethene
Concen: 1.32 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	96	Resp:	12374
Ion	Ratio	Lower	Upper
96	100		
61	123.5	88.5	164.3
68	0.0	0.0	0.0





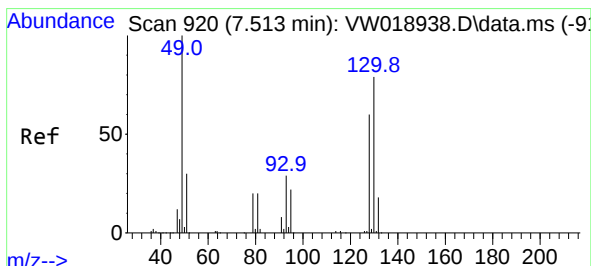
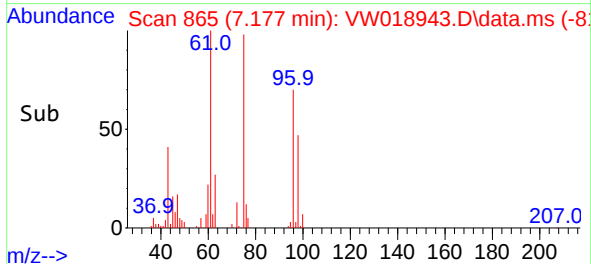
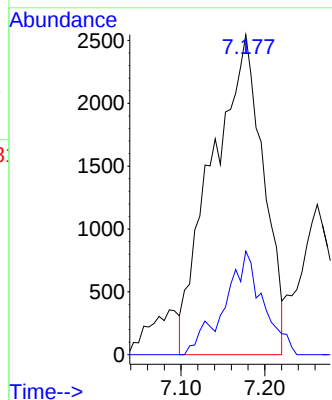
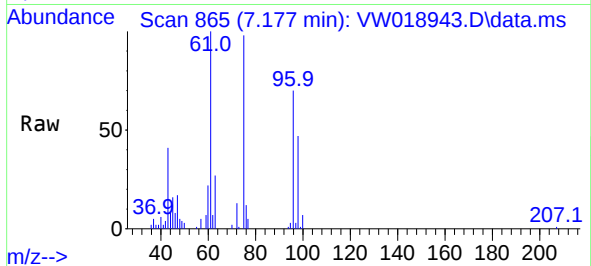
#22
2-Butanone
Concen: 4.77 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 43 Resp: 10786
Ion Ratio Lower Upper
43 100
72 12.6 14.9 44.7#

Instrument :
MSVOA_W
ClientSampleId :
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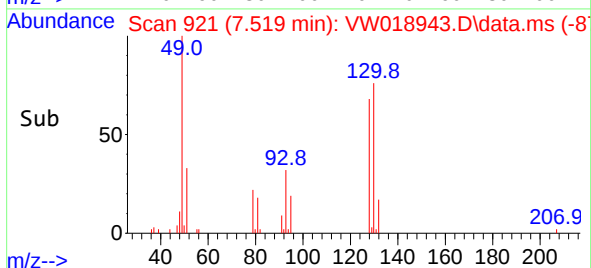
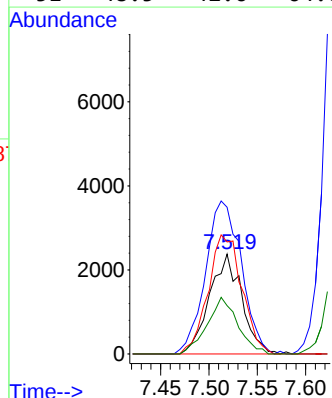
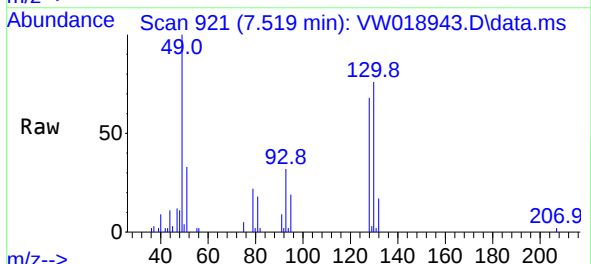
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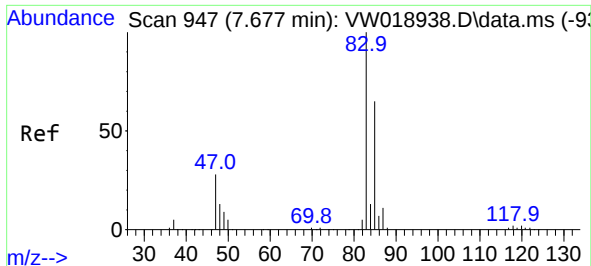
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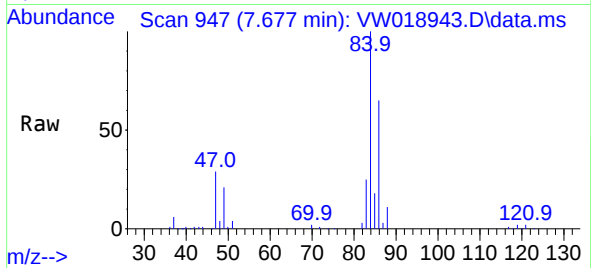
#23
Bromochloromethane
Concen: 1.34 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 128 Resp: 5526
Ion Ratio Lower Upper
128 100
49 147.0 116.3 215.9
130 112.2 82.4 153.0
51 48.5 42.6 64.0

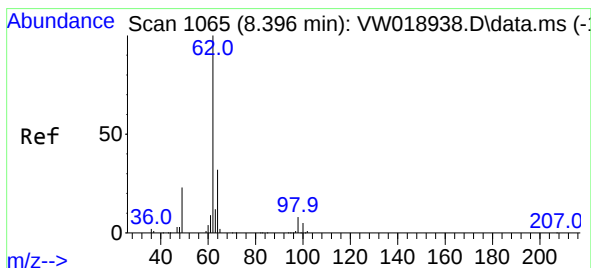
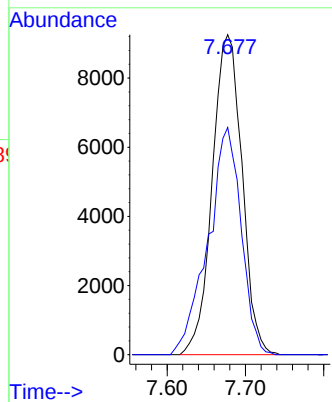
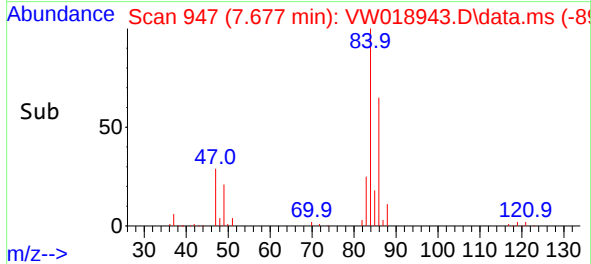




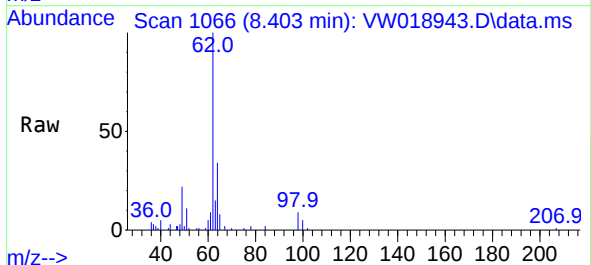
#25
Chloroform
Concen: 1.54 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



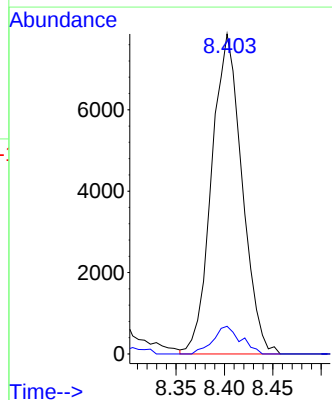
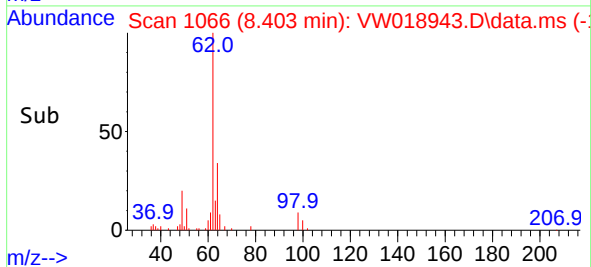
Tgt Ion: 83 Resp: 24417
Ion Ratio Lower Upper
83 100
85 71.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 1.59 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



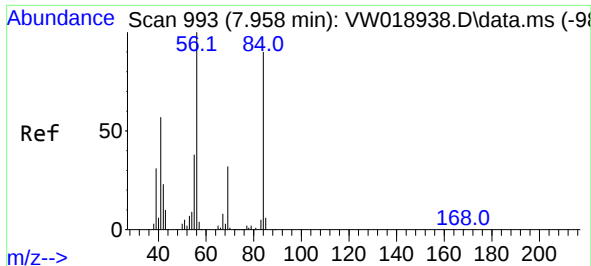
Tgt Ion: 62 Resp: 17185
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3



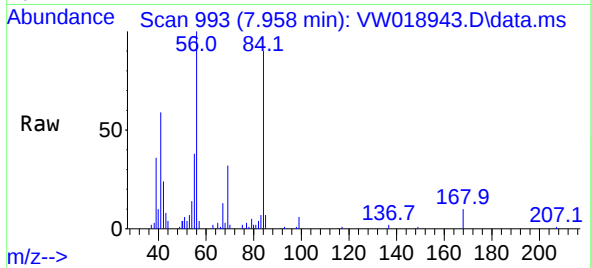
Instrument :
MSVOA_W
ClientSampleId :
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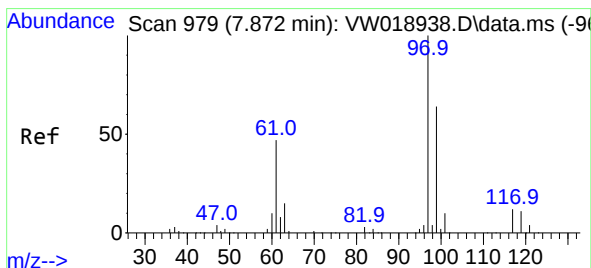
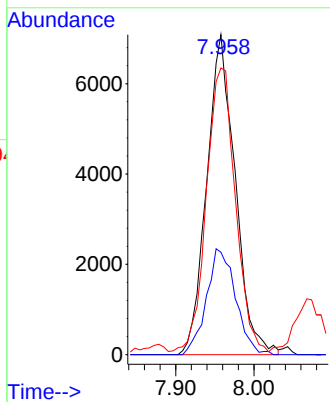
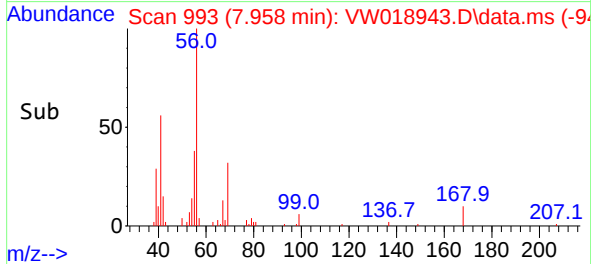


#29
Cyclohexane
Concen: 1.28 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

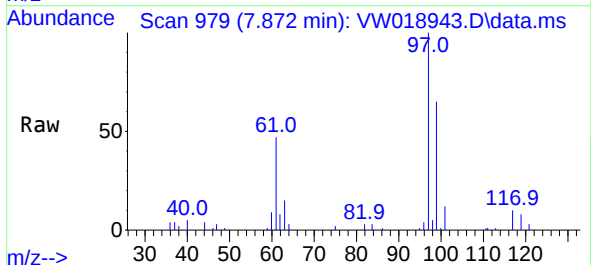


Tgt Ion: 56 Resp: 17912

Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.5	36.7
84	92.7	75.0	112.4

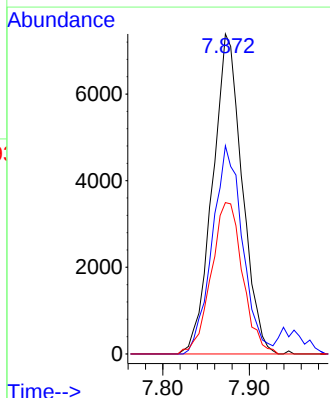
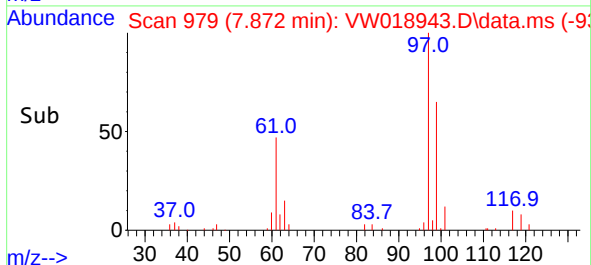


#30
1,1,1-Trichloroethane
Concen: 1.36 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



Tgt Ion: 97 Resp: 17554

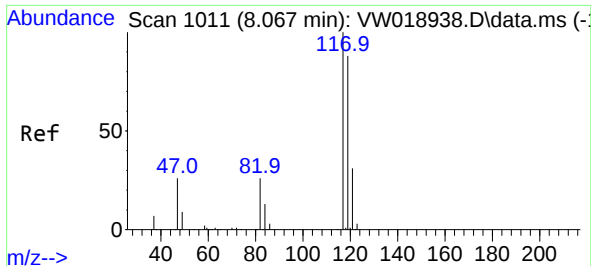
Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.4	77.2
61	50.1	37.8	56.6



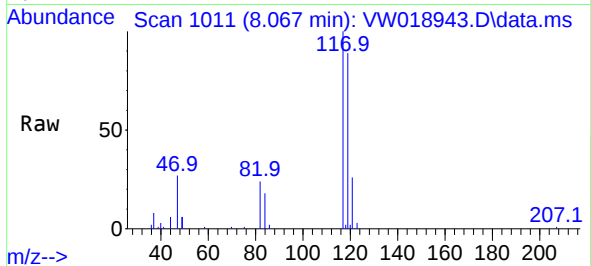
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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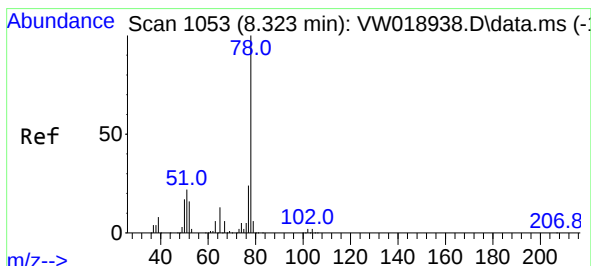
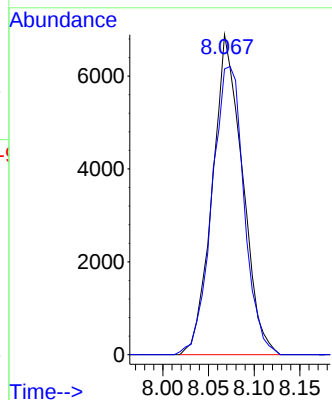
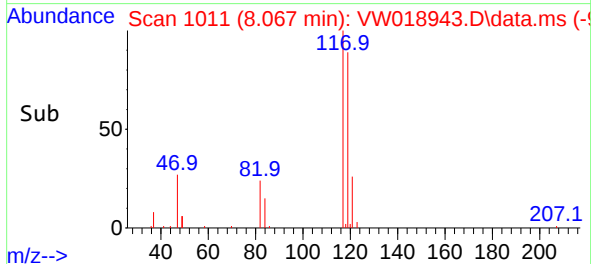
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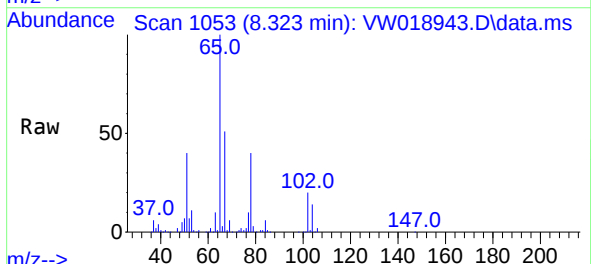
#31
Carbon tetrachloride
Concen: 1.34 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



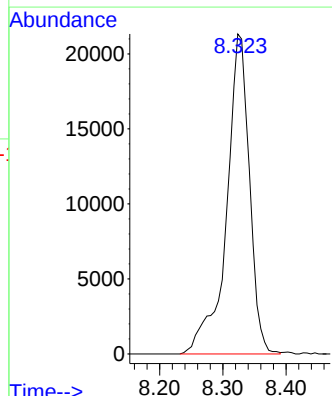
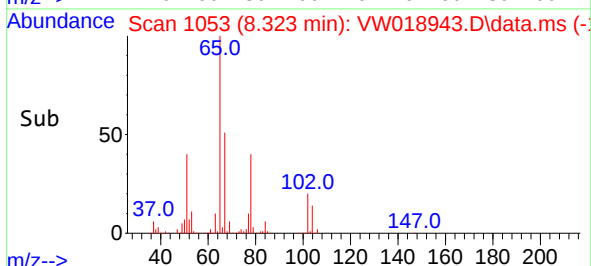
Tgt Ion: 117 Resp: 15739
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7



#33
Benzene
Concen: 1.54 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



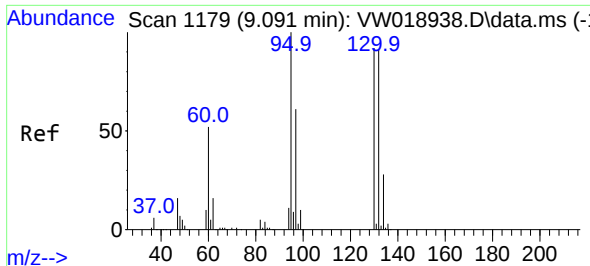
Tgt Ion: 78 Resp: 53783



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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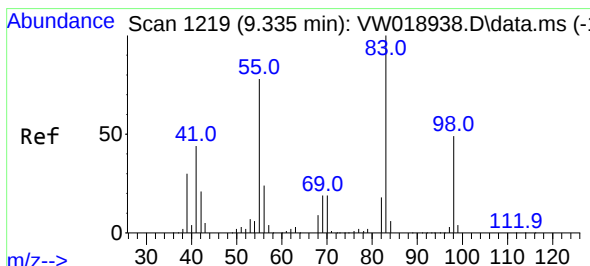
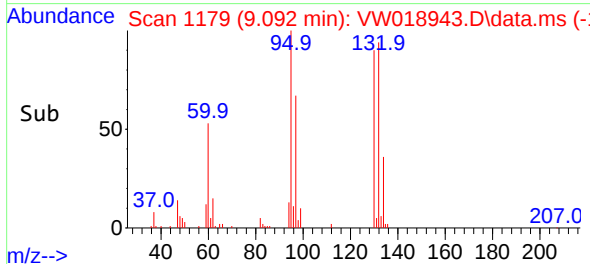
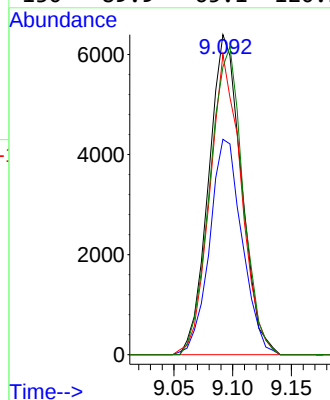
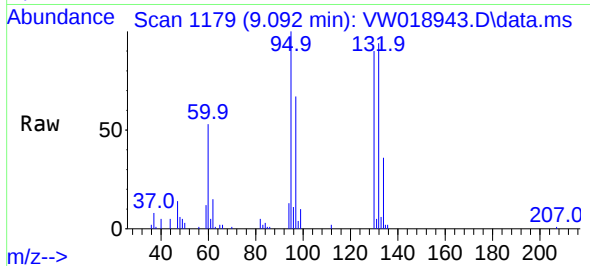
#34
Trichloroethene
Concen: 1.33 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	95	Resp:	12395
Ion	Ratio	Lower	Upper
95	100		
97	67.3	47.3	87.8
132	93.8	71.0	131.8
130	89.9	65.1	120.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

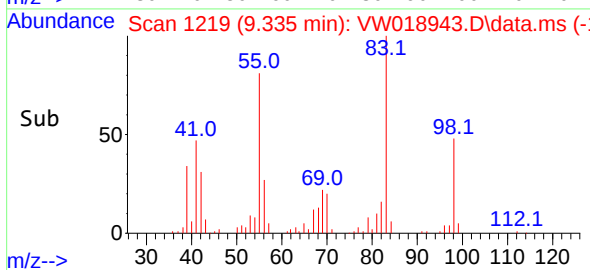
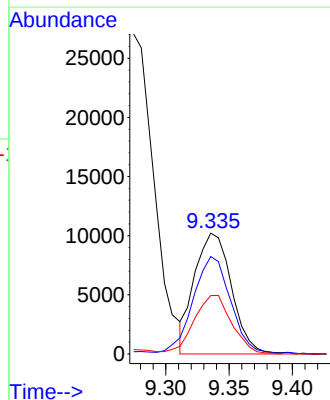
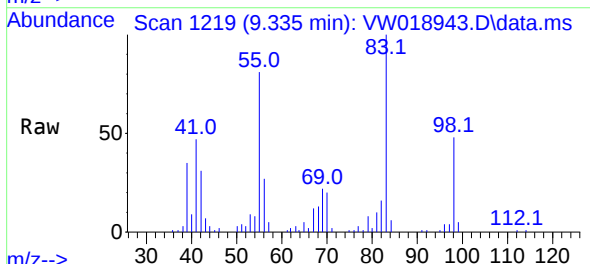
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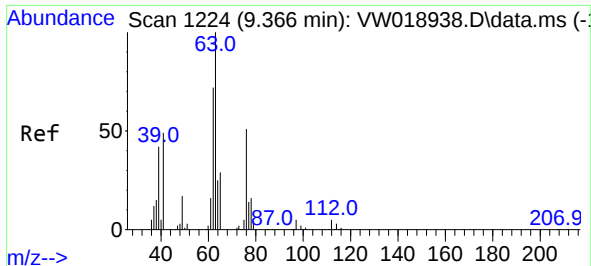
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#35
Methylcyclohexane
Concen: 1.27 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

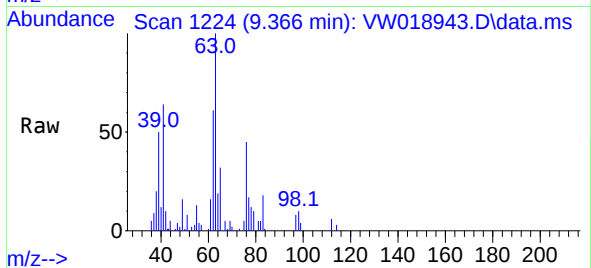
Tgt Ion:	83	Resp:	20809
Ion	Ratio	Lower	Upper
83	100		
55	81.8	58.9	88.3
98	49.5	40.1	60.1





#37
1,2-Dichloropropane
Concen: 1.39 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

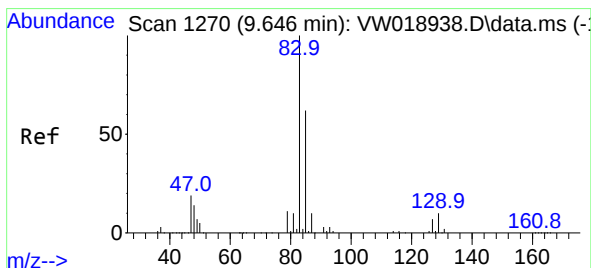
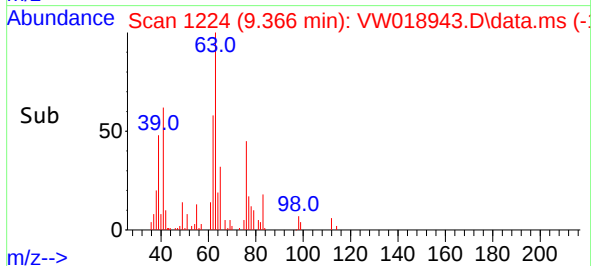
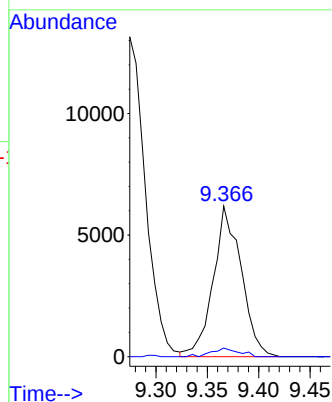
Instrument :
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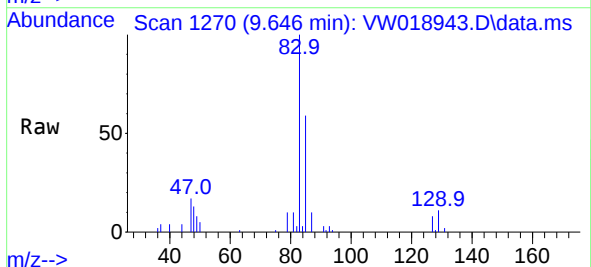
Tgt Ion: 63 Resp: 11736
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9

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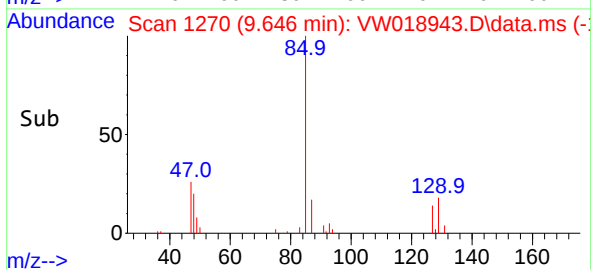
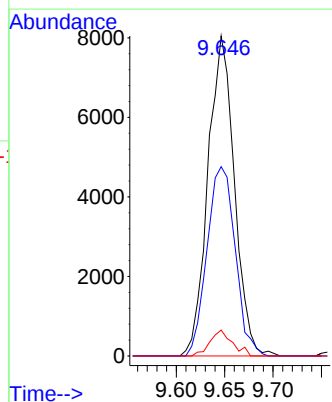
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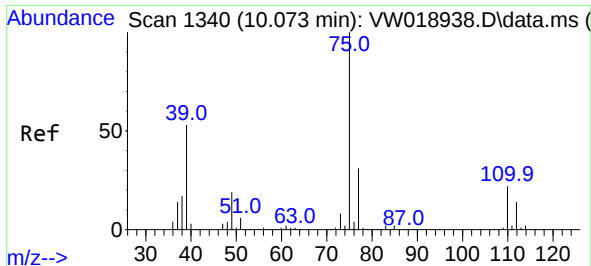


#38
Bromodichloromethane
Concen: 1.38 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018943.D
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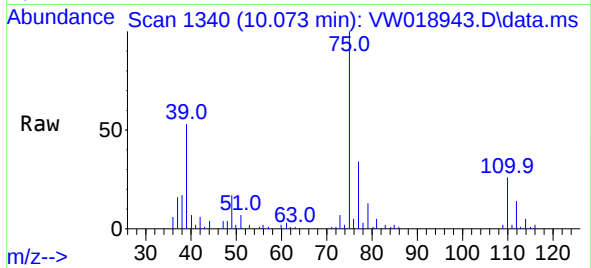


Tgt Ion: 83 Resp: 15346
Ion Ratio Lower Upper
83 100
85 59.2 42.3 78.5
127 8.1 6.6 9.8

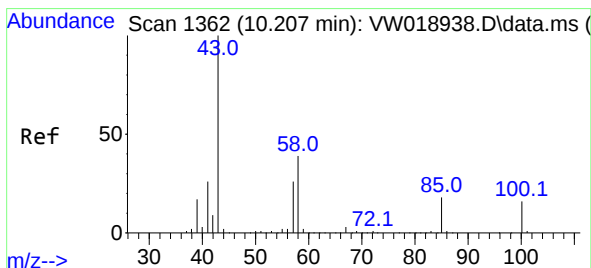
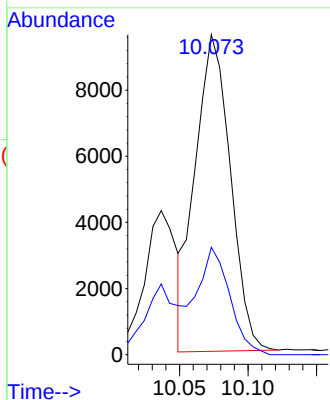
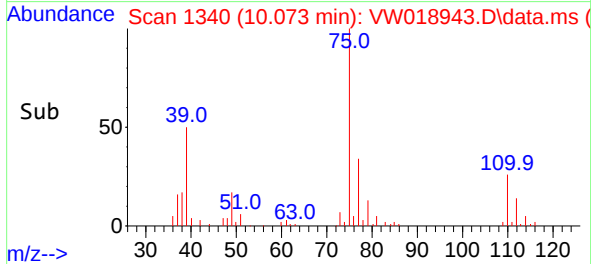




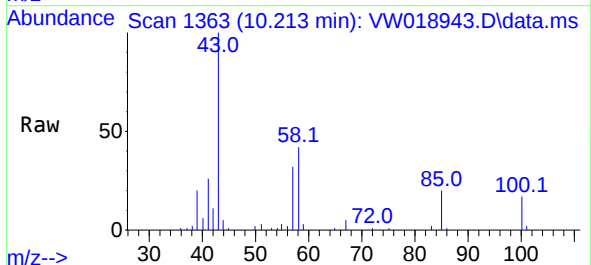
#39
cis-1,3-Dichloropropene
Concen: 1.27 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



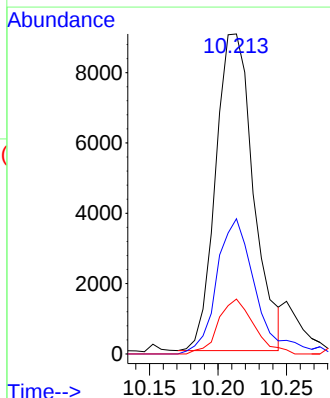
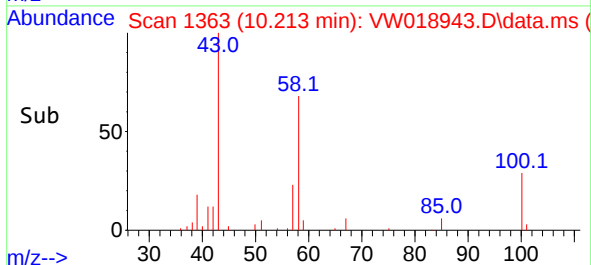
Tgt Ion: 75 Resp: 17092
Ion Ratio Lower Upper
75 100
77 33.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 3.31 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



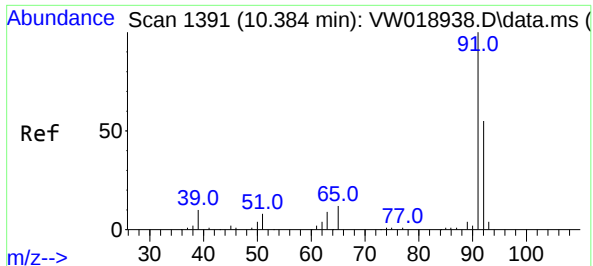
Tgt Ion: 43 Resp: 17316
Ion Ratio Lower Upper
43 100
58 41.1 31.0 46.4
100 16.3 13.0 19.6



Instrument :
MSVOA_W
ClientSampleId :
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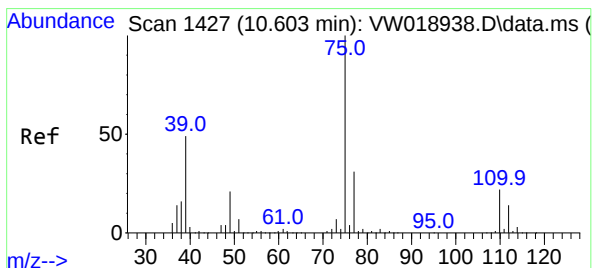
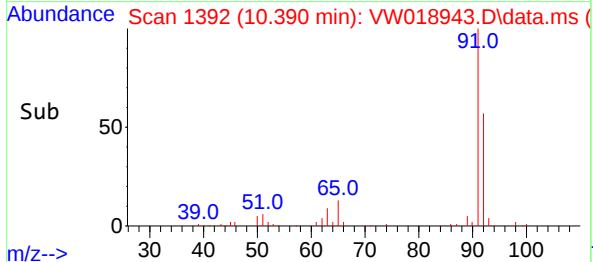
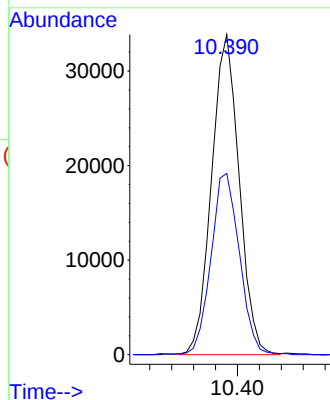
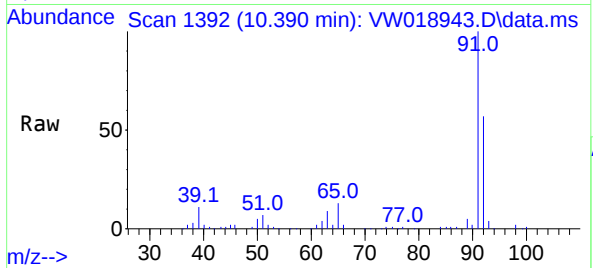
#42
Toluene
Concen: 1.54 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 91 Resp: 59193
Ion Ratio Lower Upper
91 100
92 56.7 39.5 73.3

Instrument :
MSVOA_W
ClientSampleId :
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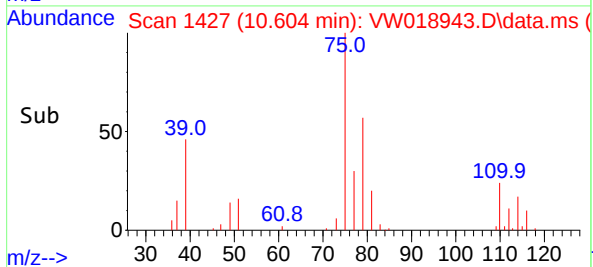
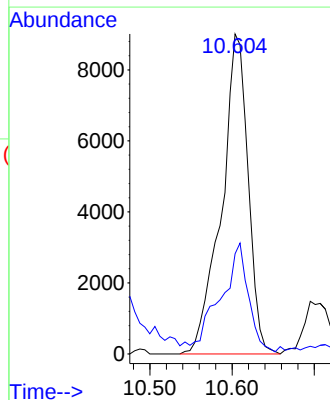
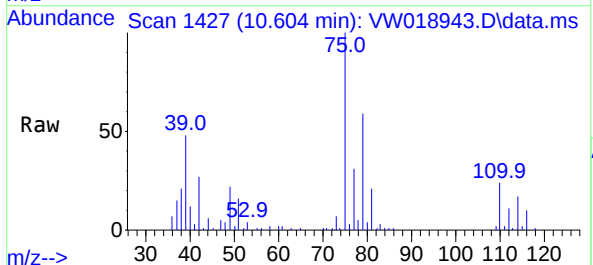
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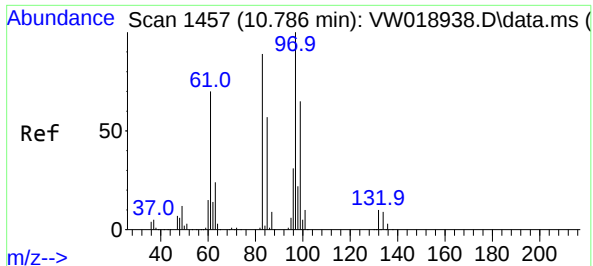
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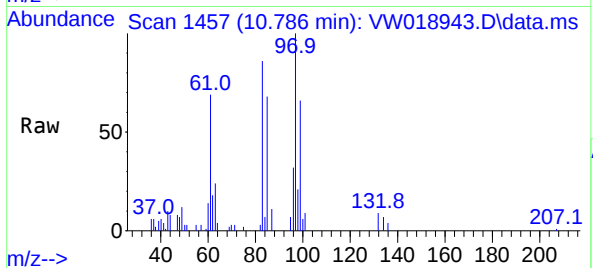
#44
trans-1,3-Dichloropropene
Concen: 1.72 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion: 75 Resp: 20238
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.1

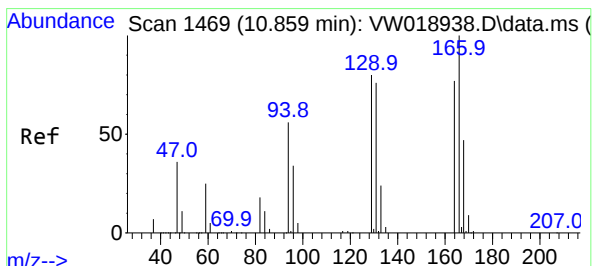
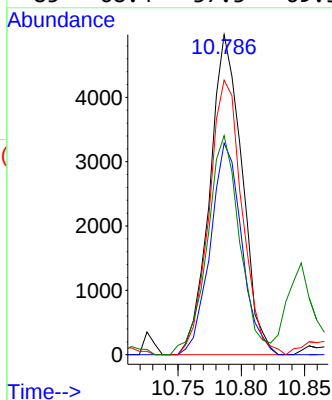
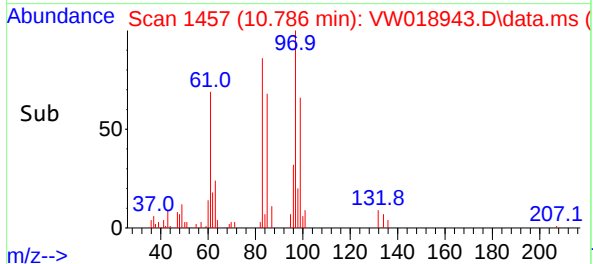




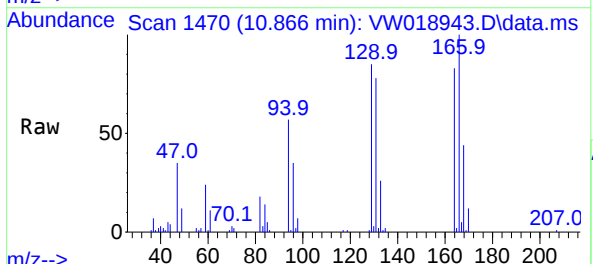
#45
1,1,2-Trichloroethane
Concen: 1.32 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



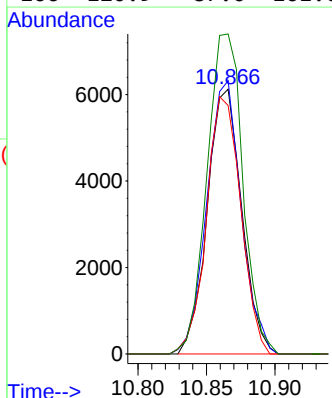
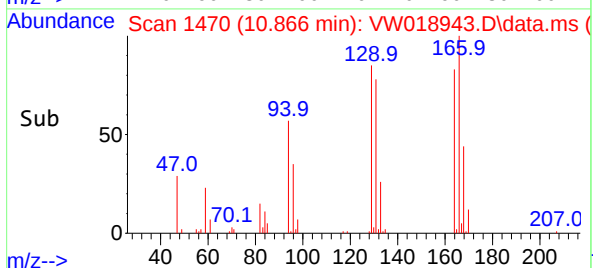
Tgt Ion:	97	Resp:	8798
Ion	Ratio	Lower	Upper
97	100		
99	66.1	45.1	83.7
83	85.8	58.1	107.9
85	68.4	37.3	69.3



#46
Tetrachloroethene
Concen: 1.52 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



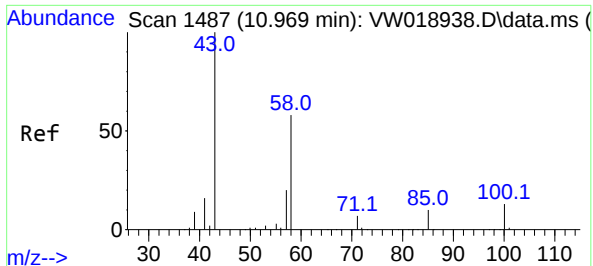
Tgt Ion:	164	Resp:	10672
Ion	Ratio	Lower	Upper
164	100		
129	103.2	66.7	123.9
131	93.9	61.1	113.5
166	120.9	87.0	161.6



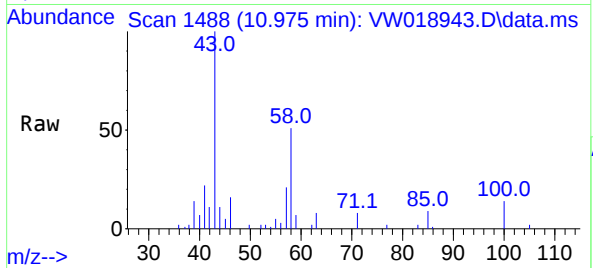
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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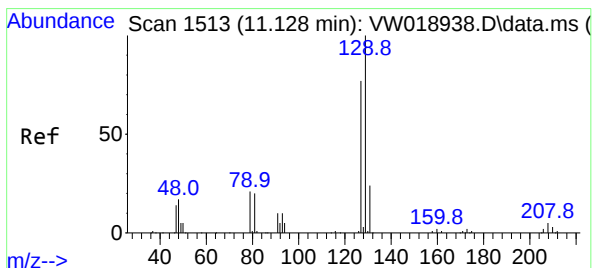
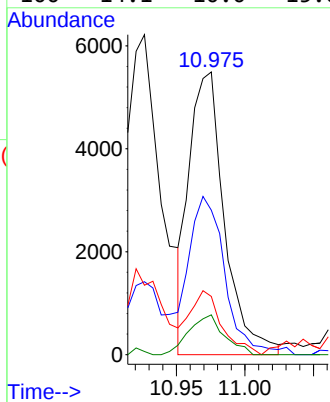
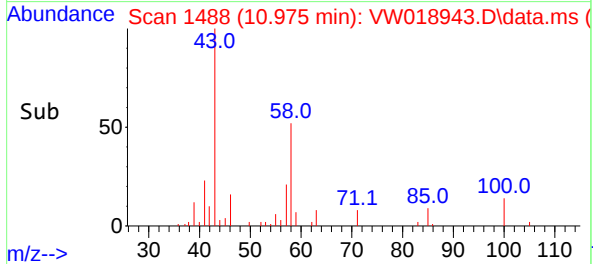
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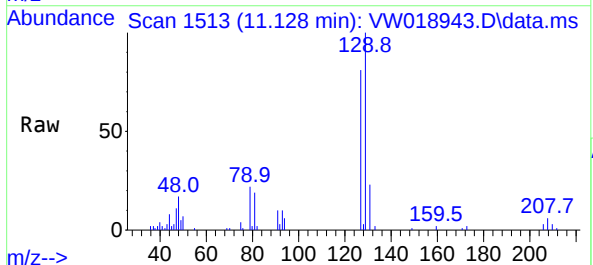
#48
2-Hexanone
Concen: 2.89 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



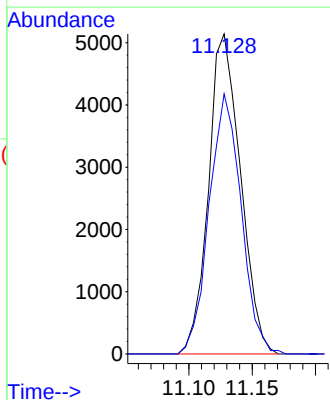
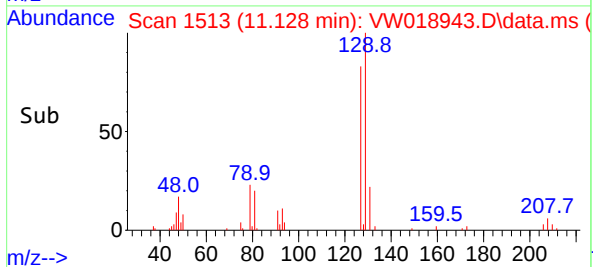
Tgt Ion: 43 Resp: 9832
Ion Ratio Lower Upper
43 100
58 58.7 42.7 64.1
57 20.6 15.8 23.8
100 14.1 10.0 15.0



#49
Dibromochloromethane
Concen: 1.25 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



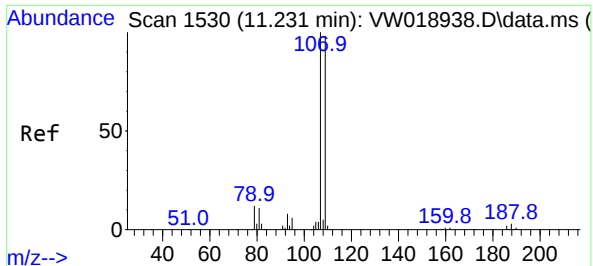
Tgt Ion: 129 Resp: 9036
Ion Ratio Lower Upper
129 100
127 81.2 51.7 95.9



Instrument :
MSVOA_W
ClientSampleId :
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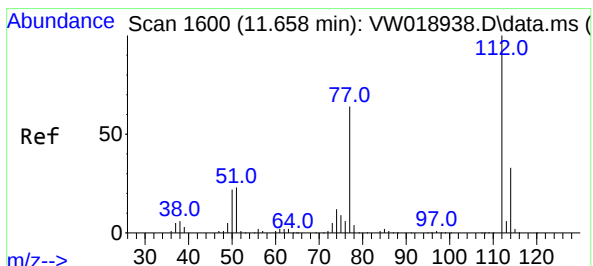
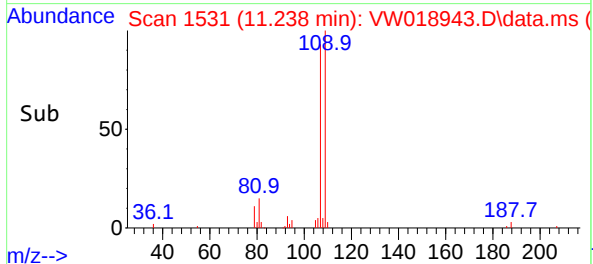
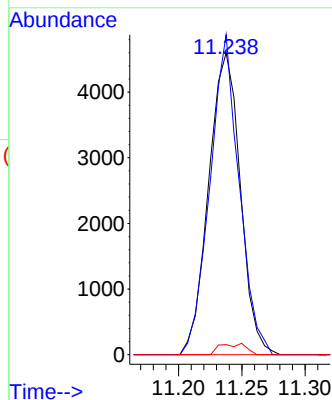
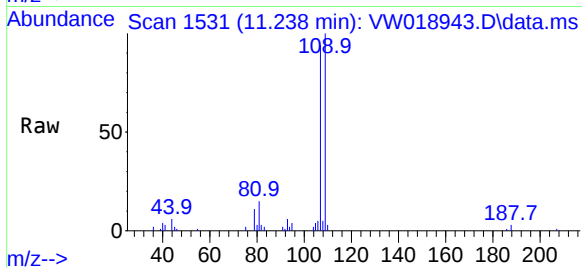
#50
1,2-Dibromoethane
Concen: 1.23 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018943.D
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Tgt Ion:	107	Resp:	8007
Ion	Ratio	Lower	Upper
107	100		
109	106.0	65.4	121.4
188	3.4	2.6	4.0

Instrument :
MSVOA_W
ClientSampleId :
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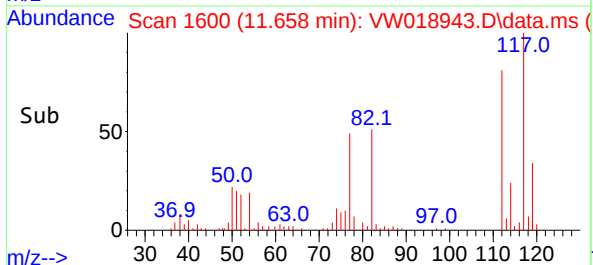
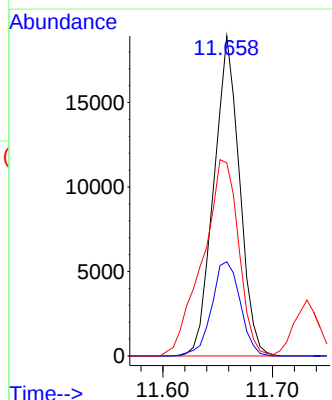
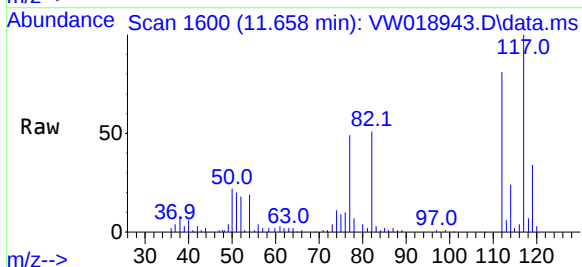
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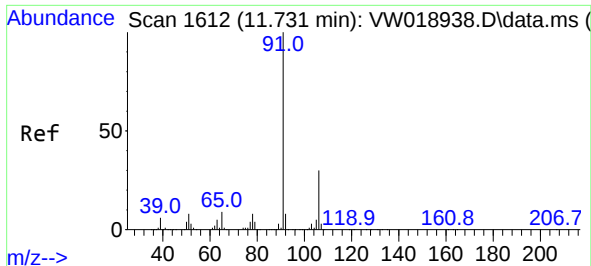
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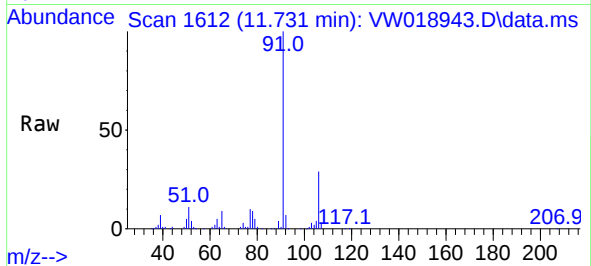
#51
Chlorobenzene
Concen: 1.31 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	112	Resp:	30858
Ion	Ratio	Lower	Upper
112	100		
114	29.5	23.4	43.6
77	60.4	47.6	71.4

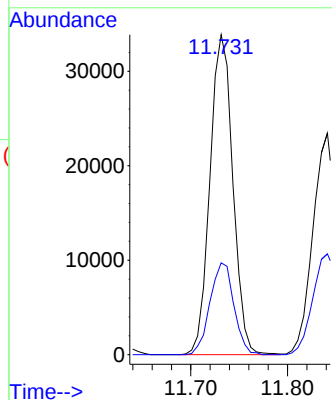




#52
Ethylbenzene
Concen: 1.31 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



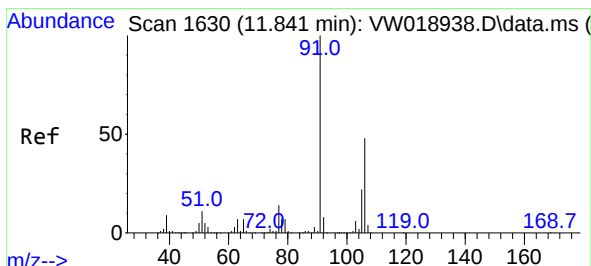
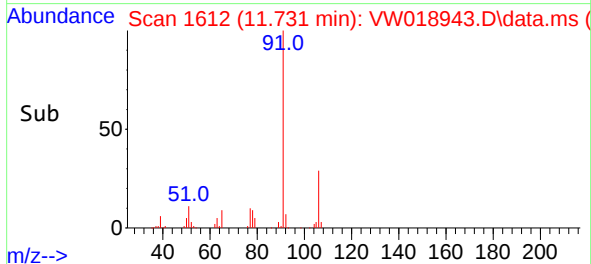
Tgt Ion: 91 Resp: 55741
Ion Ratio Lower Upper
91 100
106 28.7 22.5 41.7



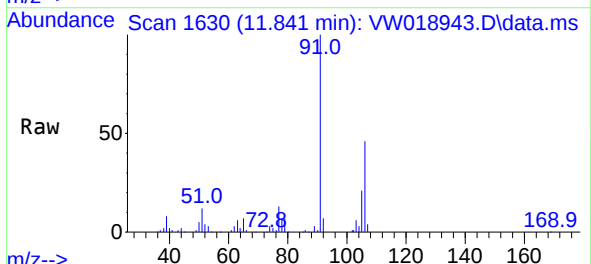
Instrument :
MSVOA_W
ClientSampleId :
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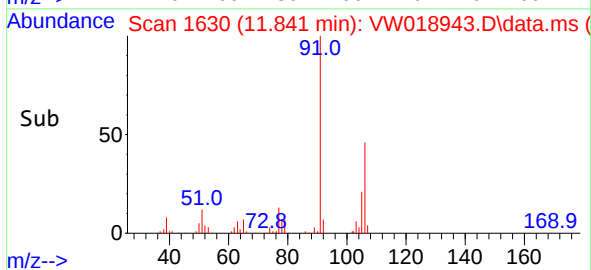
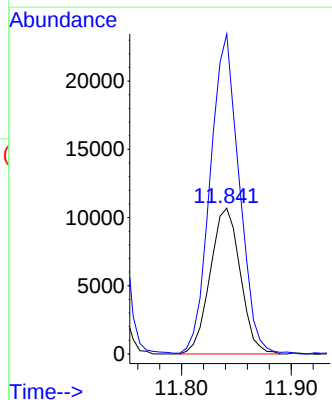
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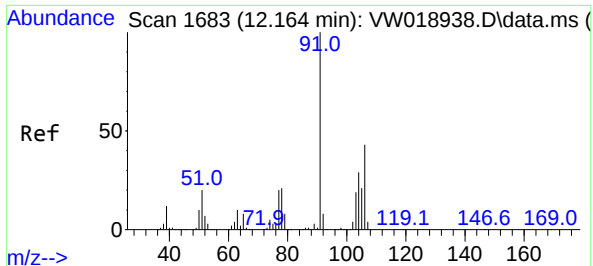


#53
m,p-Xylene
Concen: 1.29 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



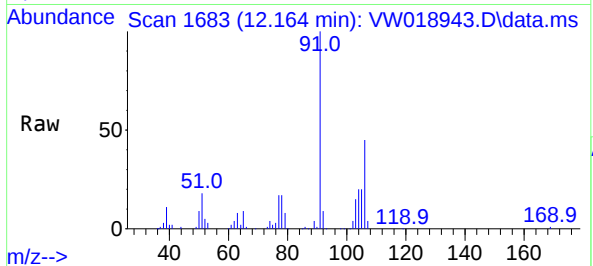
Tgt Ion:106 Resp: 20398
Ion Ratio Lower Upper
106 100
91 219.6 141.3 262.3





#54
o-Xylene
Concen: 1.20 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

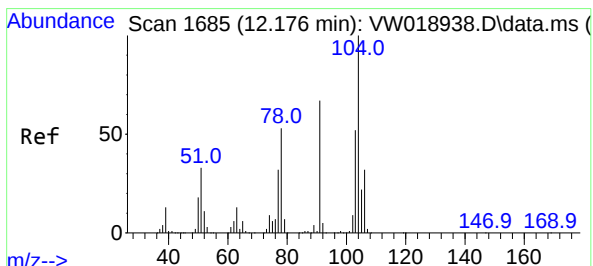
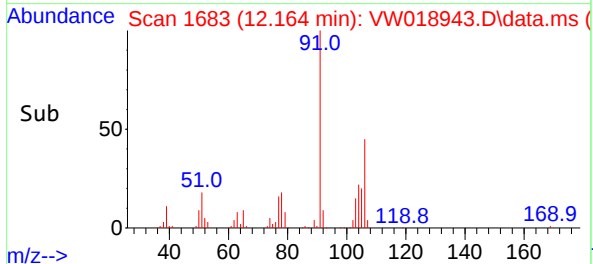
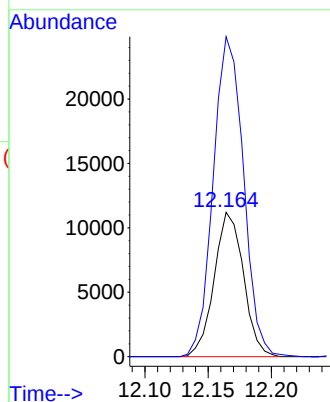
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion:106 Resp: 18054
Ion Ratio Lower Upper
106 100
91 221.7 150.0 278.6

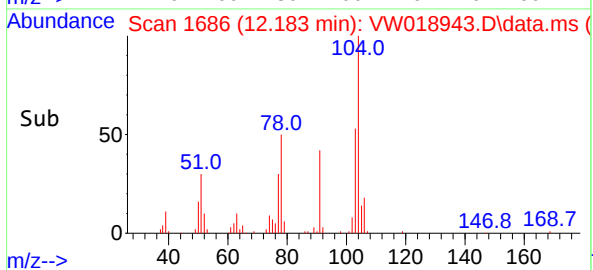
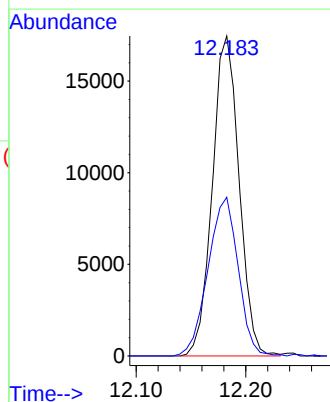
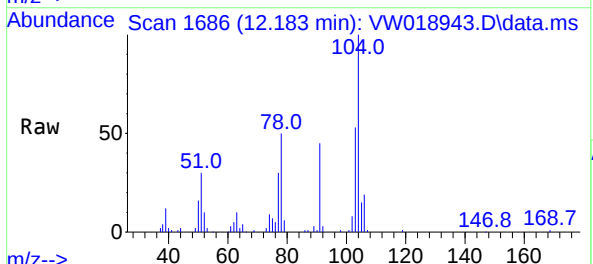
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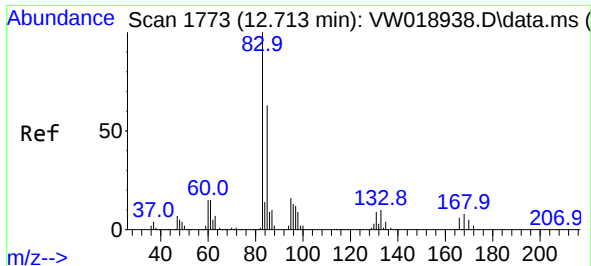
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#55
Styrene
Concen: 1.17 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

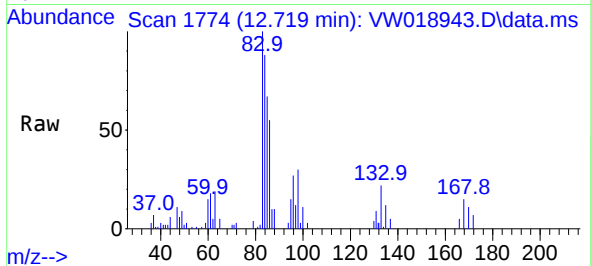
Tgt Ion:104 Resp: 29607
Ion Ratio Lower Upper
104 100
78 49.6 32.5 60.3





#57
1,1,2,2-Tetrachloroethane
Concen: 1.47 ug/L
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

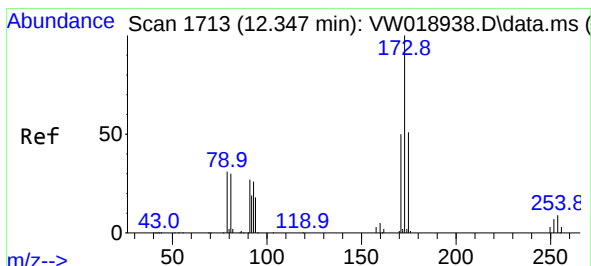
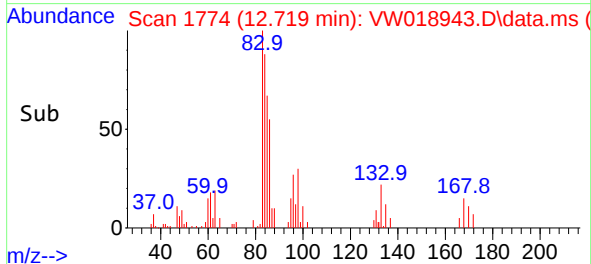
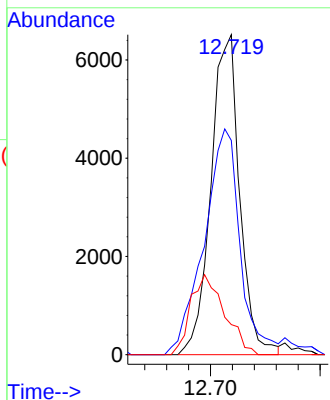
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



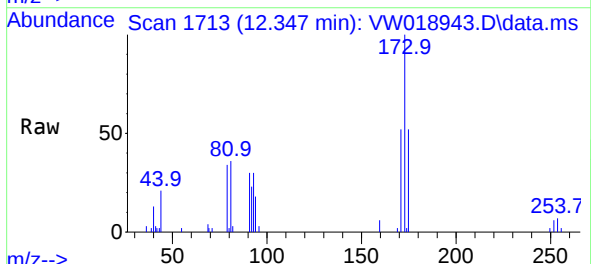
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.4	82.4
131	12.6	8.2	12.4#

Manual Integrations
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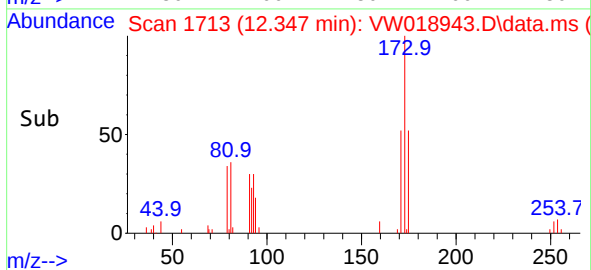
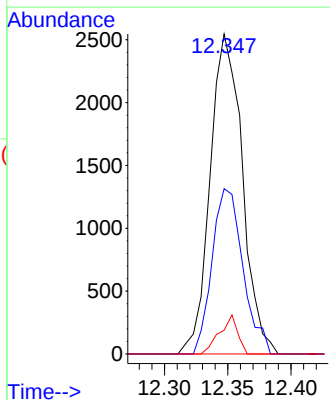
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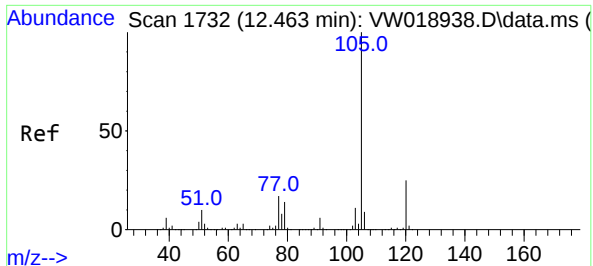


#59
Bromoform
Concen: 1.14 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

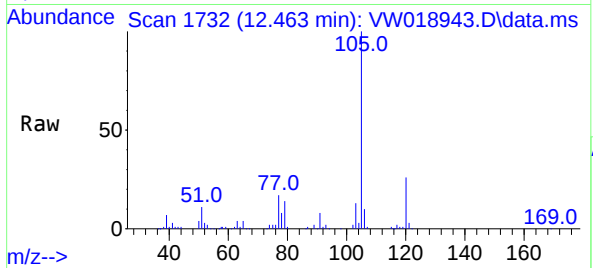


Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	37.5	56.3
254	6.8	7.0	10.4#

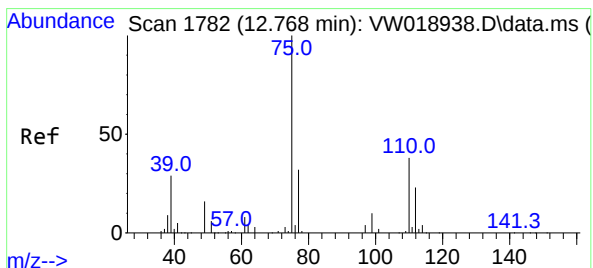
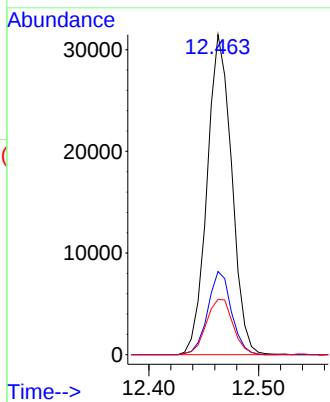
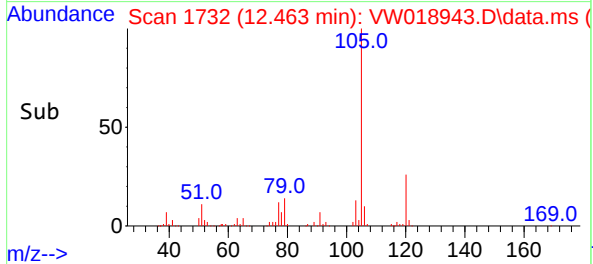




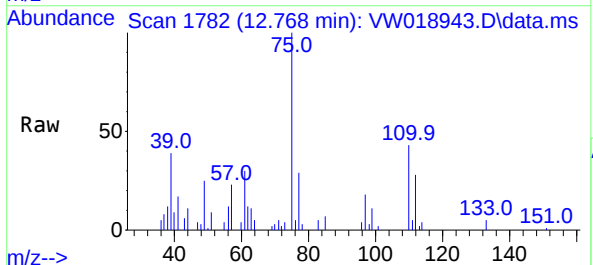
#60
Isopropylbenzene
Concen: 1.21 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



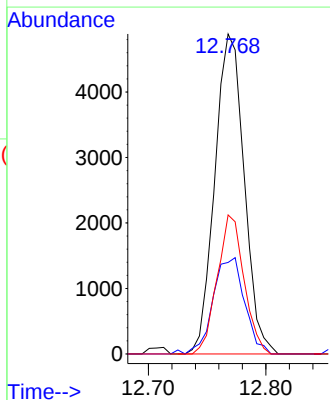
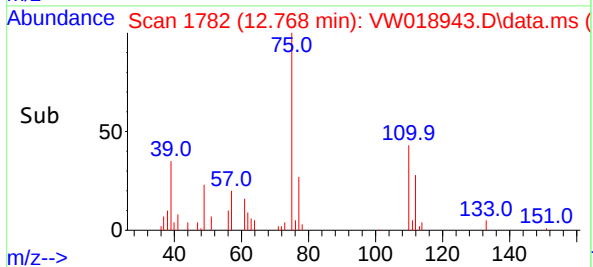
Tgt Ion:	105	Resp:	49220
Ion Ratio	Lower	Upper	
105	100		
120	25.0	21.1	31.7
77	18.8	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 1.40 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



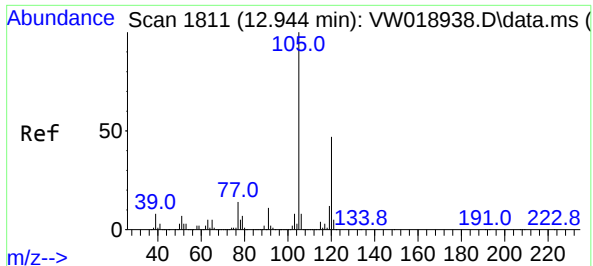
Tgt Ion:	75	Resp:	8485
Ion Ratio	Lower	Upper	
75	100		
77	32.2	25.3	37.9
110	39.7	32.6	48.8



Instrument :
MSVOA_W
ClientSampleId :
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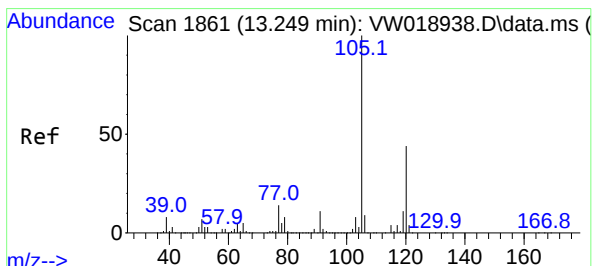
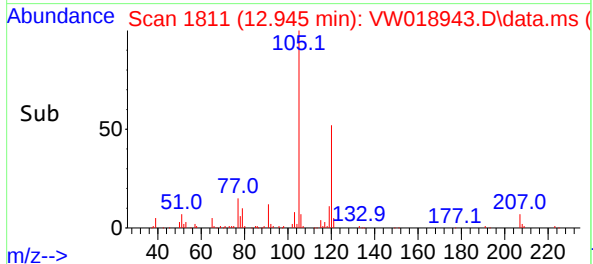
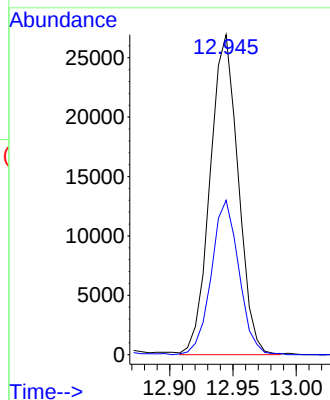
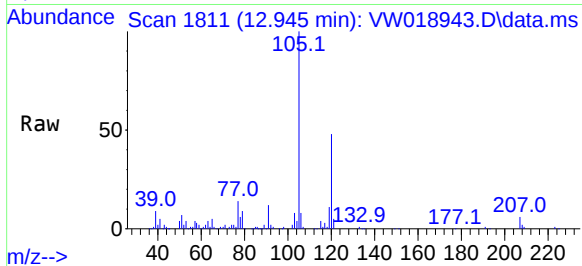
#62
1,3,5-Trimethylbenzene
Concen: 1.22 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:105 Resp: 41693
Ion Ratio Lower Upper
105 100
120 47.1 39.0 58.6

Instrument :
MSVOA_W
ClientSampleId :
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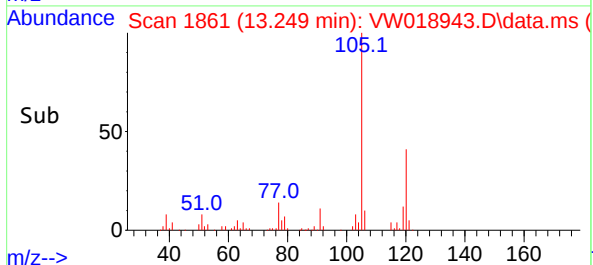
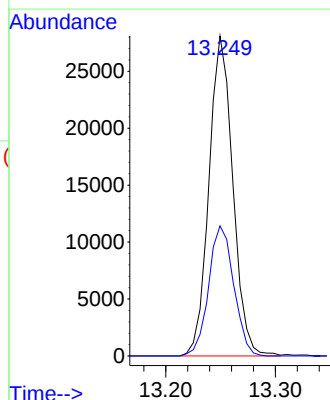
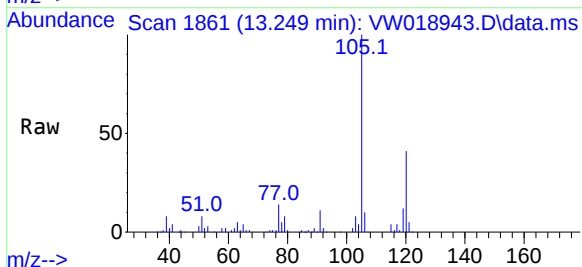
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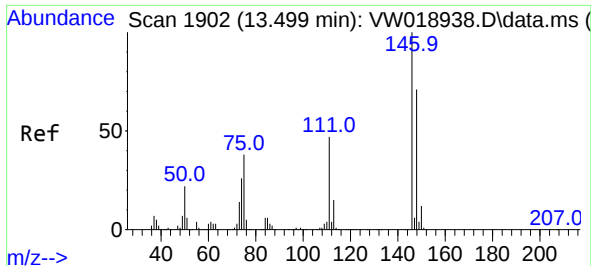
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#63
1,2,4-Trimethylbenzene
Concen: 1.25 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

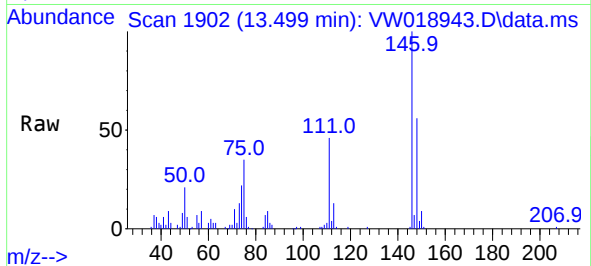
Tgt Ion:105 Resp: 42580
Ion Ratio Lower Upper
105 100
120 42.7 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 1.28 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

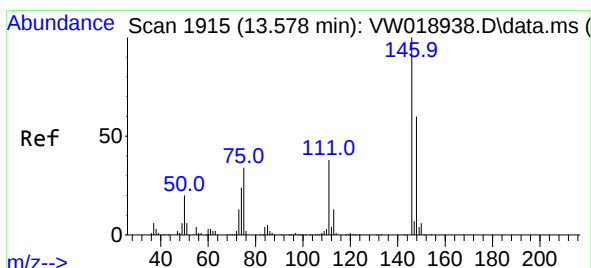
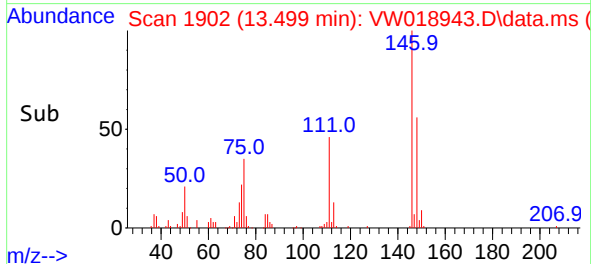
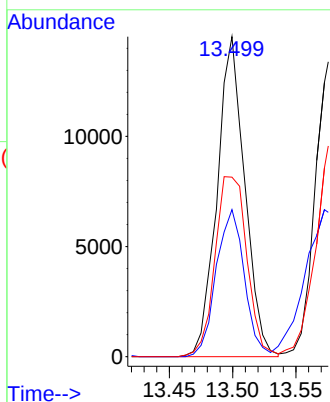
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



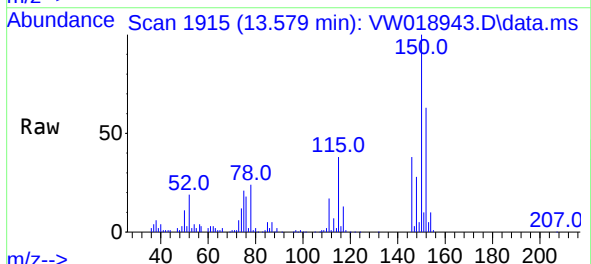
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	26.7	49.7
148	56.1	41.1	76.3

Manual Integrations
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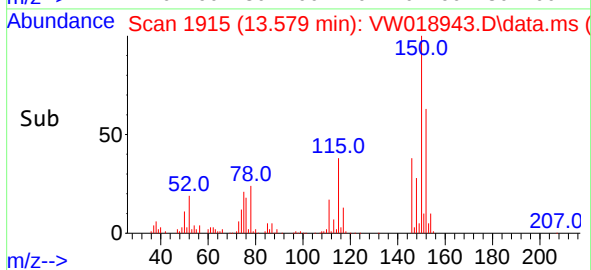
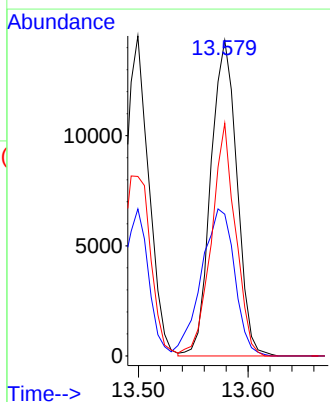
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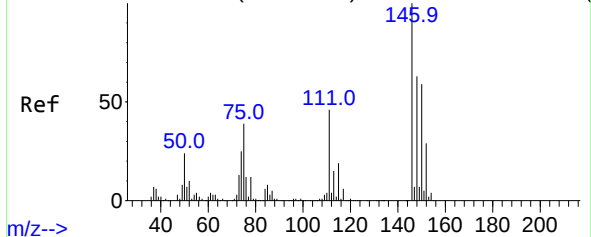
#65
1,4-Dichlorobenzene
Concen: 1.37 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



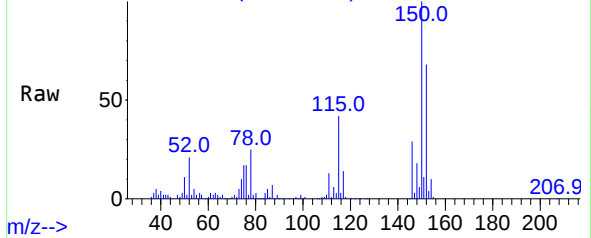
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	28.8	53.4
148	73.7	46.8	87.0



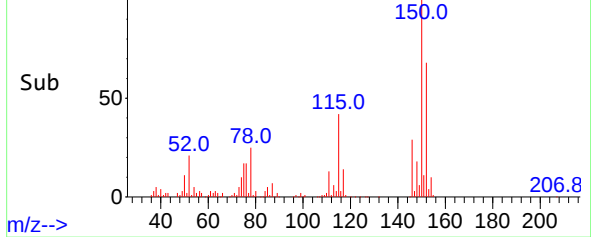
Abundance Scan 1962 (13.865 min): VW018938.D\data.ms (



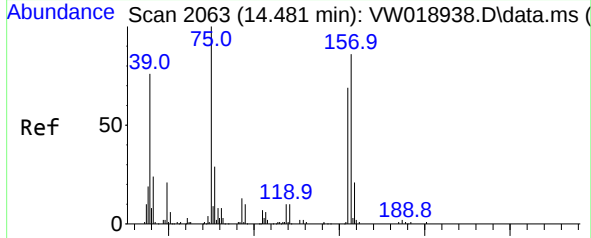
m/z--> Abundance Scan 1963 (13.871 min): VW018943.D\data.ms



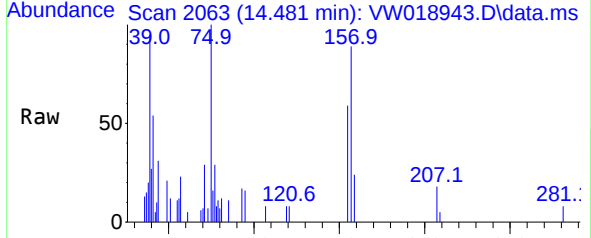
m/z--> Abundance Scan 1963 (13.871 min): VW018943.D\data.ms (



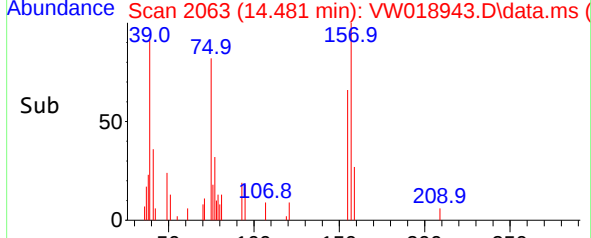
m/z--> Abundance Scan 2063 (14.481 min): VW018938.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018943.D\data.ms



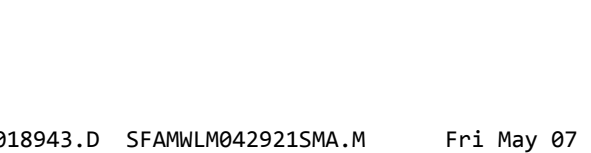
m/z--> Abundance Scan 2063 (14.481 min): VW018943.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018943.D\data.ms (

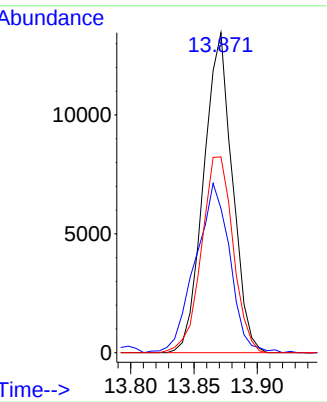


m/z--> Abundance Scan 2063 (14.481 min): VW018943.D\data.ms (



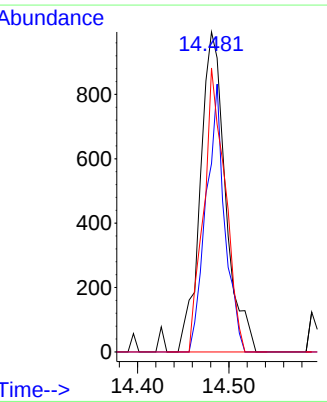
#67
1,2-Dichlorobenzene
Concen: 1.36 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	146	Resp:	21187
Ion	Ratio	Lower	Upper
146	100		
111	45.1	33.2	49.8
148	61.2	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.48 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

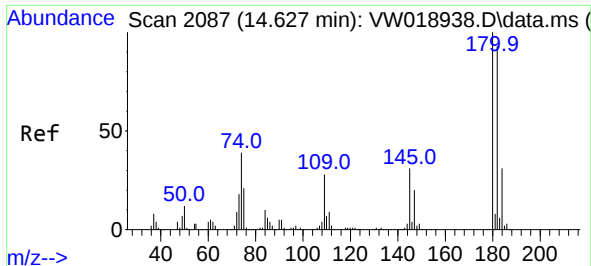
Tgt Ion:	75	Resp:	1907
Ion	Ratio	Lower	Upper
75	100		
155	58.9	59.4	89.0#
157	88.7	72.2	108.2



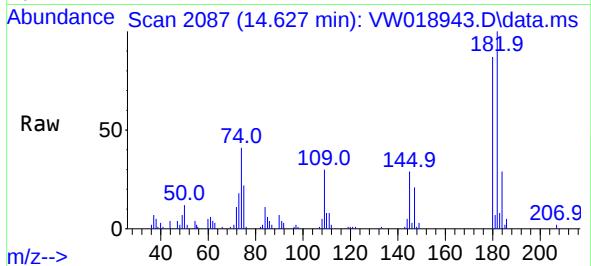
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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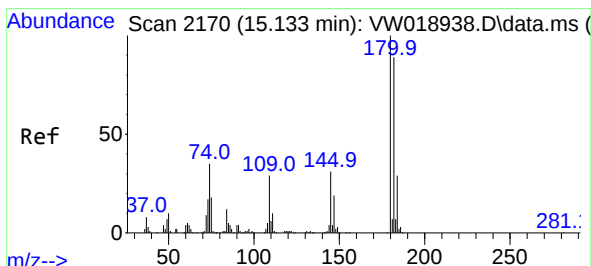
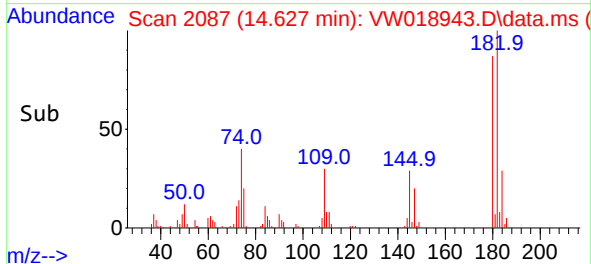
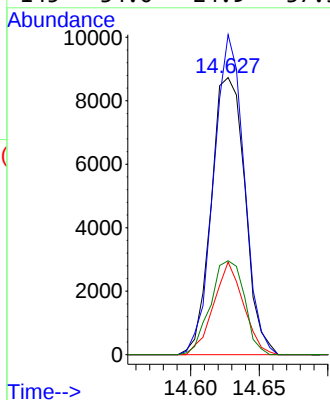
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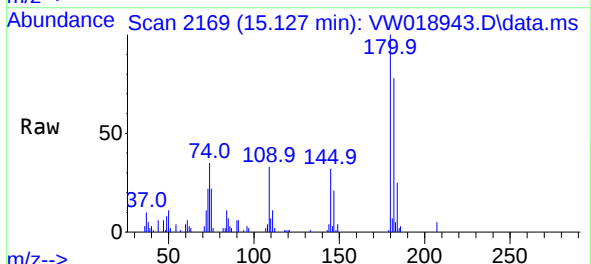
#69
1,3,5-Trichlorobenzene
Concen: 1.21 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



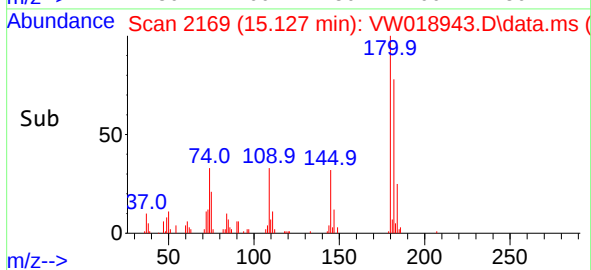
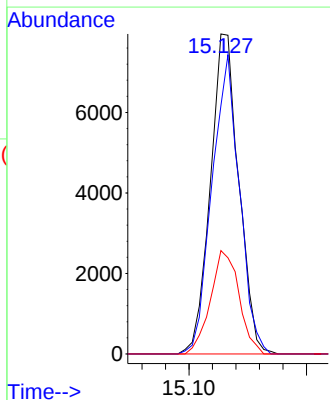
Tgt Ion:	180	Resp:	14991
Ion Ratio	Lower	Upper	
180	100		
182	104.2	73.4	110.2
184	29.6	23.6	35.4
145	34.0	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 1.29 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36



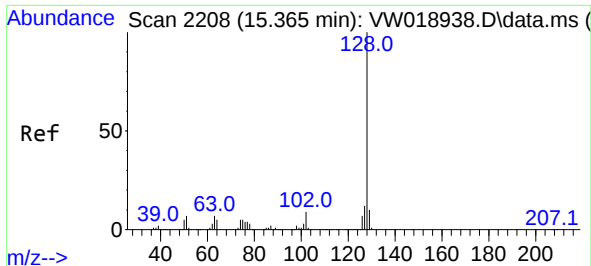
Tgt Ion:	180	Resp:	13327
Ion Ratio	Lower	Upper	
180	100		
182	90.4	74.7	112.1
145	32.5	25.0	37.4



Instrument :
MSVOA_W
ClientSampleId :
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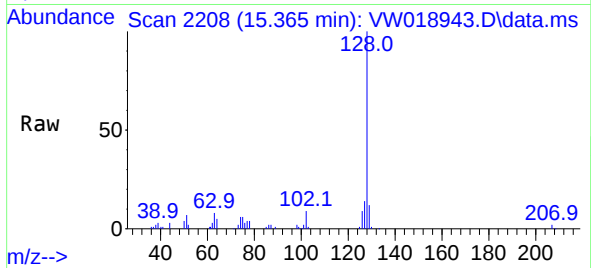
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#71
Naphthalene
Concen: 1.08 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

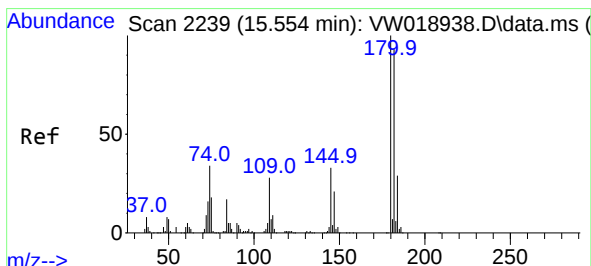
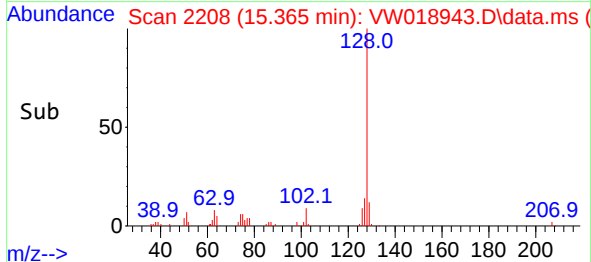
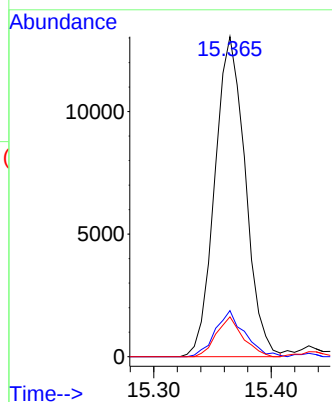
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion:	128	Resp:	23551
Ion Ratio	100	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	10.9	9.0	13.6

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#72
1,2,3-Trichlorobenzene
Concen: 1.24 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018943.D
Acq: 06 May 2021 13:36

Tgt Ion:	180	Resp:	11274
Ion Ratio	100	Lower	Upper
180	100		
182	93.3	76.7	115.1
145	34.8	28.9	43.3

