

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018981.D
 Acq On : 12 May 2021 17:29
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

Manual Integrations
 APPROVED

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 5/13/2021 4:09:59 PM

Quant Time: May 13 03:08:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	520905	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	261137	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168407	25.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.32%		
7) Chloroethane-d5	2.898	69	132735	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.28%		
11) 1,1-Dichloroethene-d2	4.019	63	241364	18.54	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.16%		
21) 2-Butanone-d5	7.080	46	69615	47.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.94%		
24) Chloroform-d	7.653	84	332340	23.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.36%		
26) 1,2-Dichloroethane-d4	8.305	65	176982	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.32%		
32) Benzene-d6	8.275	84	698375	25.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.20%		
36) 1,2-Dichloropropane-d6	9.274	67	204994	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
41) Toluene-d8	10.323	98	650321	25.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.48%		
43) trans-1,3-Dichloroprop...	10.579	79	81885	23.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.28%		
47) 2-Hexanone-d5	10.927	63	57002	47.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.62%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146841	23.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.88%		
66) 1,2-Dichlorobenzene-d4	13.853	152	216876	24.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	4371	0.85	ug/L	92
3) Chloromethane	2.215	50	6561	1.28	ug/L	99
5) Vinyl chloride	2.367	62	9239	1.12	ug/L #	52
6) Bromomethane	2.788	94	6202	0.97	ug/L	85
8) Chloroethane	2.940	64	5353	1.04	ug/L	97
9) Trichlorofluoromethane	3.263	101	5078	0.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	9276m	1.31	ug/L	
12) 1,1-Dichloroethene	4.044	96	8525	1.21	ug/L #	1
13) Acetone	4.135	43	4357	4.06	ug/L	88
14) Carbon disulfide	4.385	76	18814	0.88	ug/L	100
15) Methyl Acetate	4.678	43	2127	0.89	ug/L #	74
16) Methylene chloride	4.922	84	50198	5.41	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	6887	0.90	ug/L #	78
18) Methyl tert-butyl Ether	5.434	73	8606m	0.88	ug/L	
19) 1,1-Dichloroethane	6.220	63	12475m	0.93	ug/L	
20) cis-1,2-Dichloroethene	7.171	96	7460	0.91	ug/L	89
22) 2-Butanone	7.177	43	4367m	2.70	ug/L	
23) Bromochloromethane	7.519	128	3241	0.90	ug/L #	81
25) Chloroform	7.677	83	14491	1.04	ug/L	93

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Quant Time: May 13 03:08:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	8239	0.94	ug/L	98
29) Cyclohexane	7.958	56	10942	0.97	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	10473	0.96	ug/L	99
31) Carbon tetrachloride	8.073	117	9651	0.98	ug/L	95
33) Benzene	8.323	78	30226	1.00	ug/L	100
34) Trichloroethene	9.092	95	7634	0.96	ug/L	92
35) Methylcyclohexane	9.335	83	13012	0.97	ug/L	99
37) 1,2-Dichloropropane	9.372	63	7213	0.99	ug/L	99
38) Bromodichloromethane	9.640	83	8263	0.86	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	10212	0.92	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	7547	2.06	ug/L	98
42) Toluene	10.390	91	41752	1.26	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	12169	1.28	ug/L	100
45) 1,1,2-Trichloroethane	10.792	97	4955	0.92	ug/L	89
46) Tetrachloroethene	10.860	164	6531	1.04	ug/L	97
48) 2-Hexanone	10.975	43	4347	1.87	ug/L #	89
49) Dibromochloromethane	11.134	129	5299	0.86	ug/L	98
50) 1,2-Dibromoethane	11.231	107	4432	0.86	ug/L #	95
51) Chlorobenzene	11.658	112	19777	0.94	ug/L	96
52) Ethylbenzene	11.731	91	33927	0.93	ug/L	95
53) m,p-Xylene	11.841	106	12841	0.93	ug/L	86
54) o-Xylene	12.164	106	11208	0.85	ug/L	88
55) Styrene	12.182	104	18487	0.82	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	5824	0.93	ug/L #	86
59) Bromoform	12.347	173	2525	0.76	ug/L	90
60) Isopropylbenzene	12.463	105	31817	0.91	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	4307	0.96	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	24776	0.86	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	26292	0.91	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	14531	0.94	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	15228	0.97	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	13077	0.93	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.475	75	773m	0.84	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	11016	0.97	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	8641	0.93	ug/L	92
71) Naphthalene	15.365	128	14431	0.88	ug/L	100
72) 1,2,3-Trichlorobenzene	15.560	180	7806	0.97	ug/L	97

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

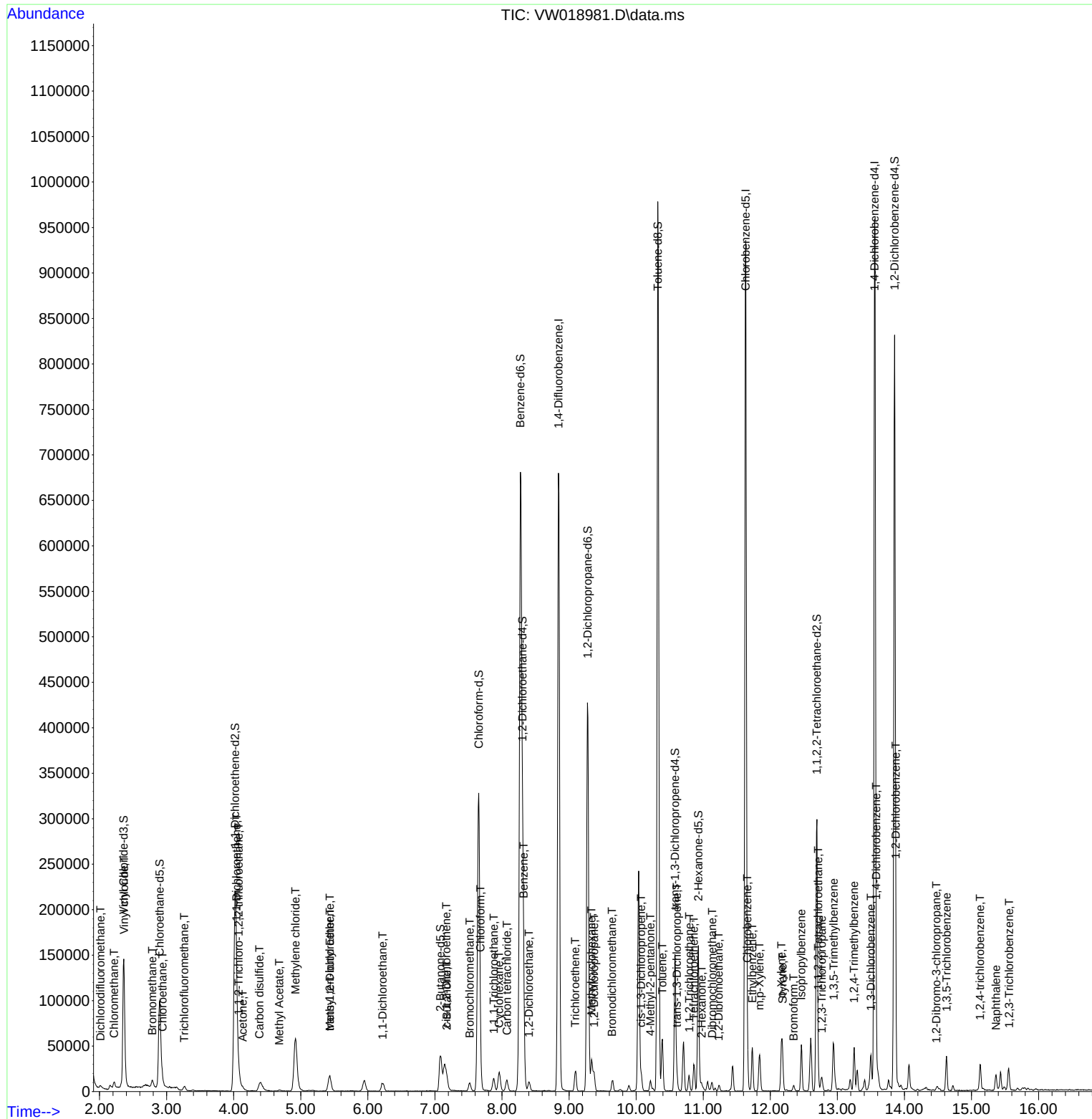
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Data File : VW018981.D
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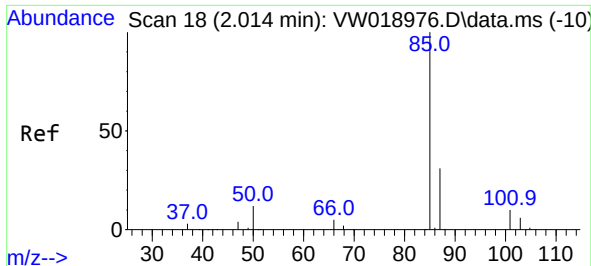
Instrument :
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Quant Title : SFAM01.0
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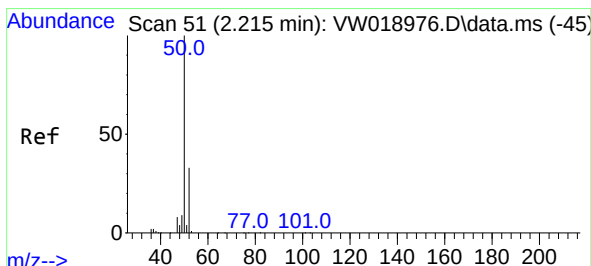
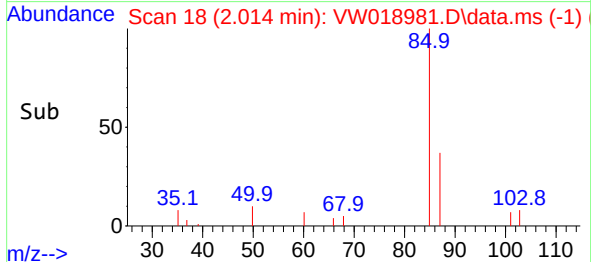
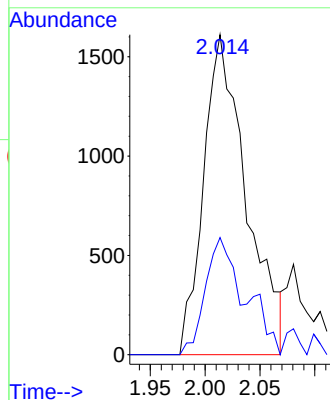
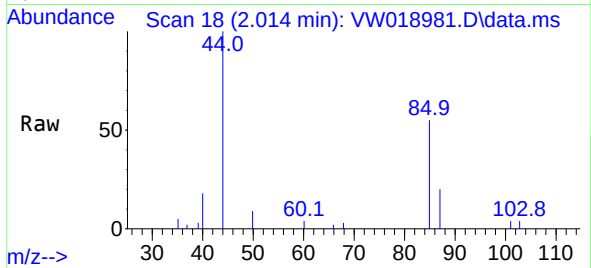
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Dichlorodifluoromethane
Concen: 0.85 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 85 Resp: 4371
Ion Ratio Lower Upper
85 100
87 24.9 23.3 34.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

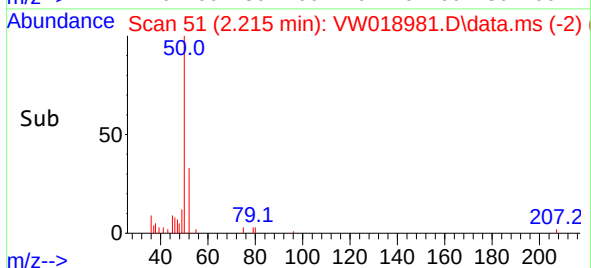
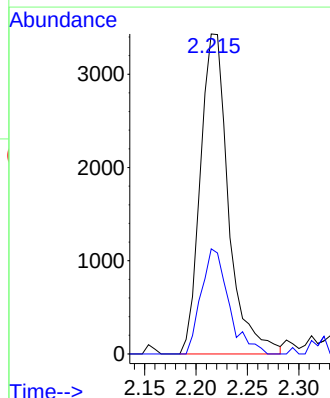
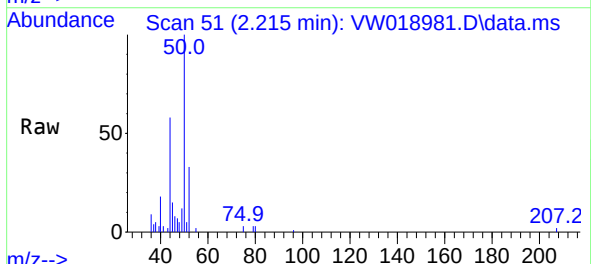
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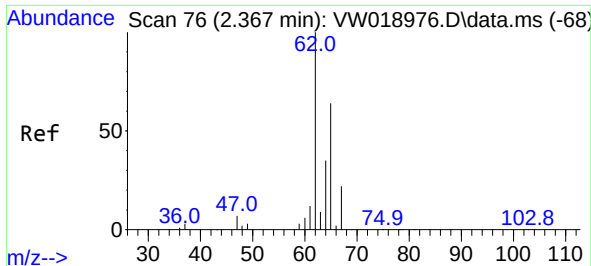
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#3
Chloromethane
Concen: 1.28 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 50 Resp: 6561
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9





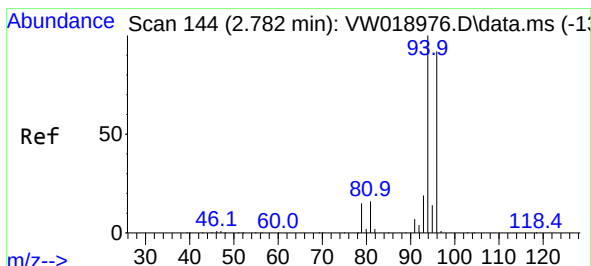
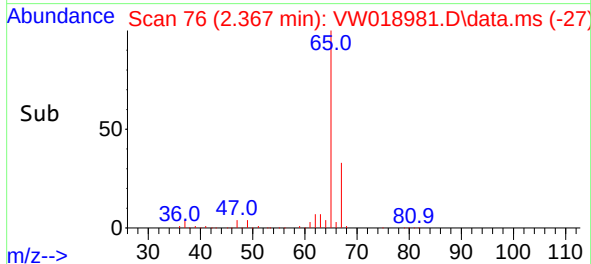
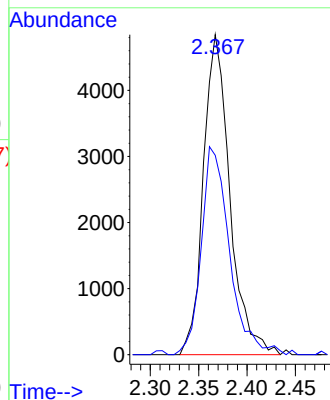
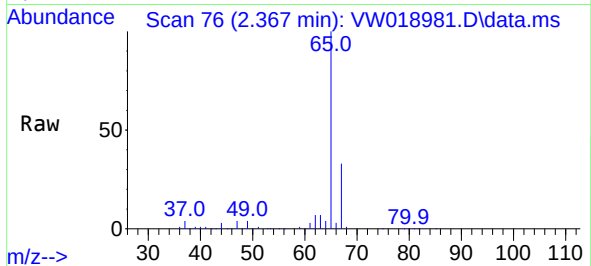
#5
 Vinyl chloride
 Concen: 1.12 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018981.D
 Acq: 12 May 2021 17:29

Tgt Ion: 62 Resp: 9239
 Ion Ratio Lower Upper
 62 100
 64 62.3 24.2 45.0#

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

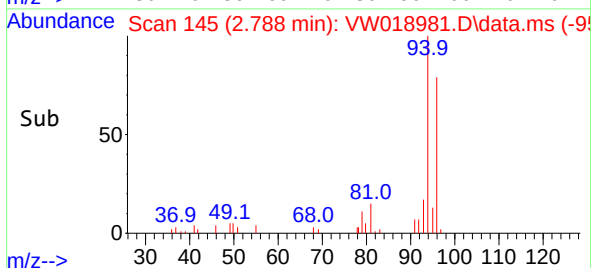
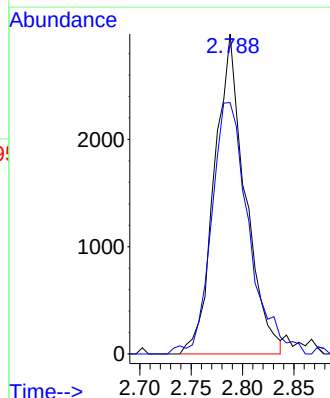
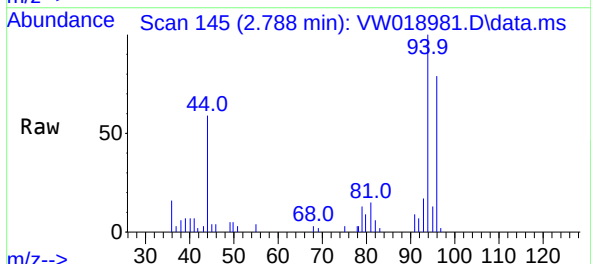
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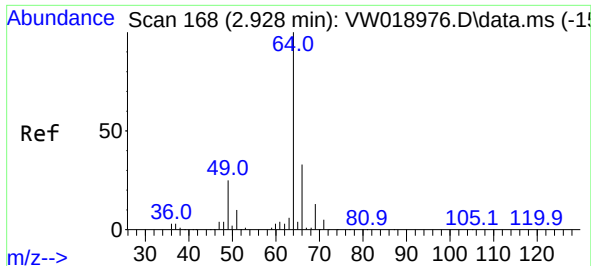
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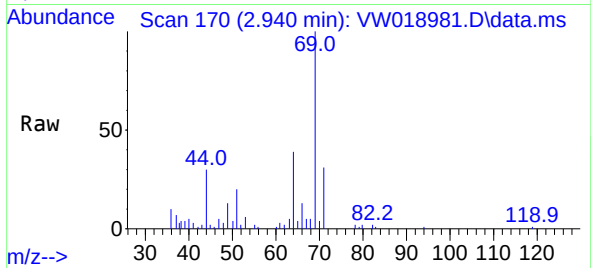
#6
 Bromomethane
 Concen: 0.97 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018981.D
 Acq: 12 May 2021 17:29

Tgt Ion: 94 Resp: 6202
 Ion Ratio Lower Upper
 94 100
 96 78.6 65.3 121.3

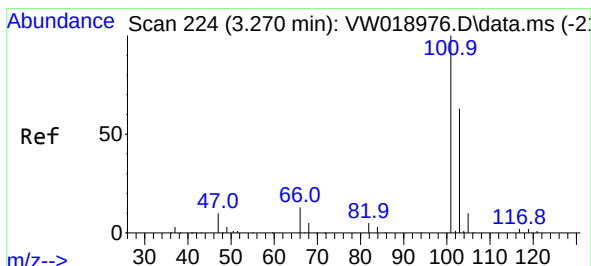
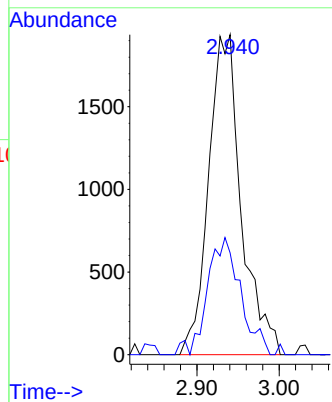
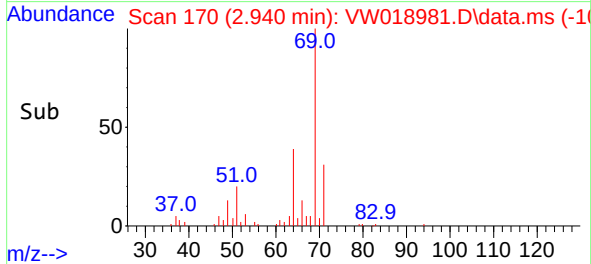




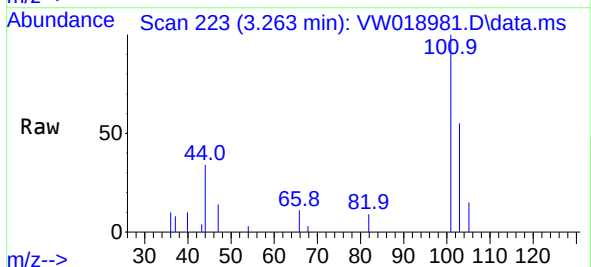
#8
Chloroethane
Concen: 1.04 ug/L
RT: 2.940 min Scan# 170
Delta R.T. 0.012 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



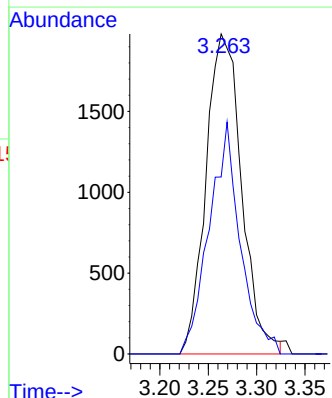
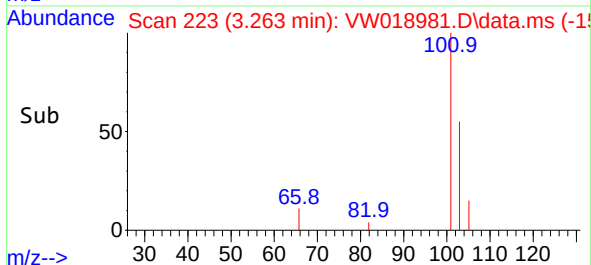
Tgt Ion: 64 Resp: 5353
Ion Ratio Lower Upper
64 100
66 31.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 0.88 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



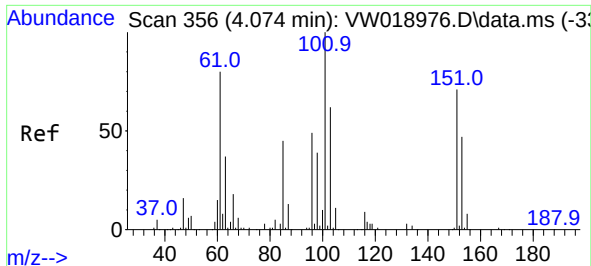
Tgt Ion: 101 Resp: 5078
Ion Ratio Lower Upper
101 100
103 63.0 51.0 76.4



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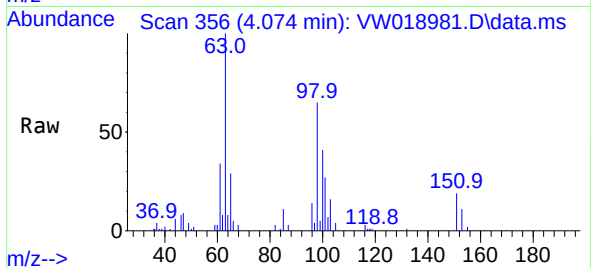
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.31 ug/L m
RT: 4.074 min Scan# 356
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

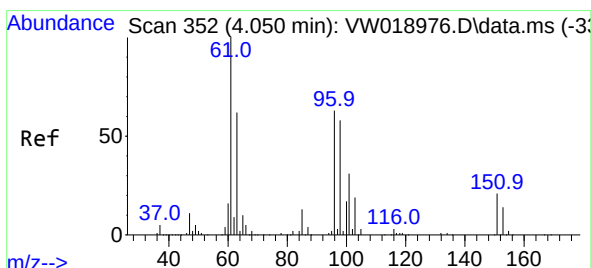
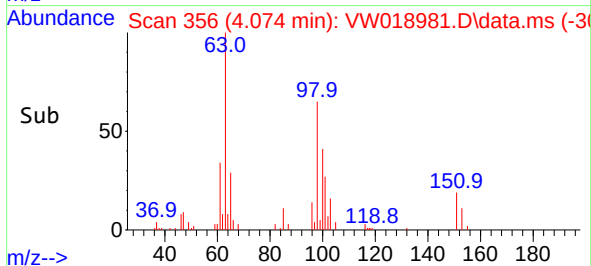
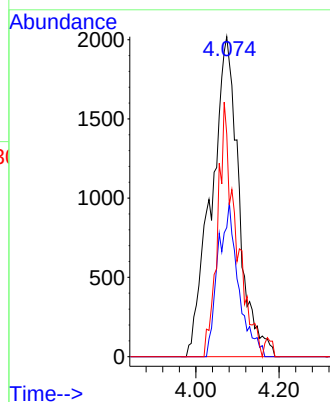
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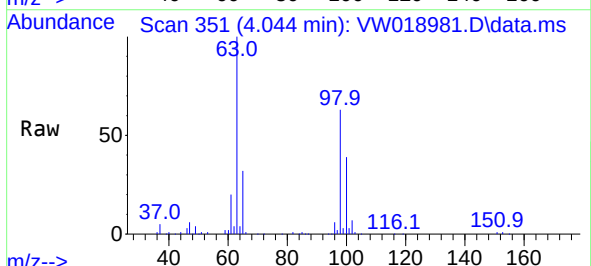
Tgt Ion:101 Resp: 9276
Ion Ratio Lower Upper
101 100
85 23.8 38.2 57.2#
151 31.6 56.6 85.0#

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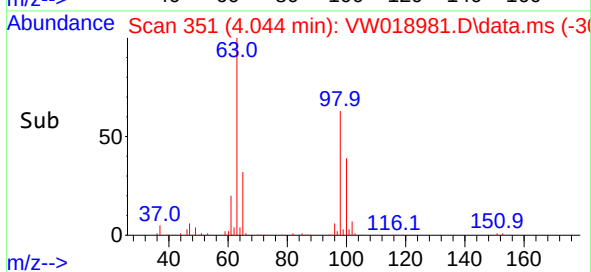
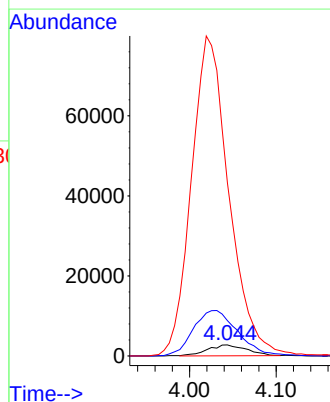
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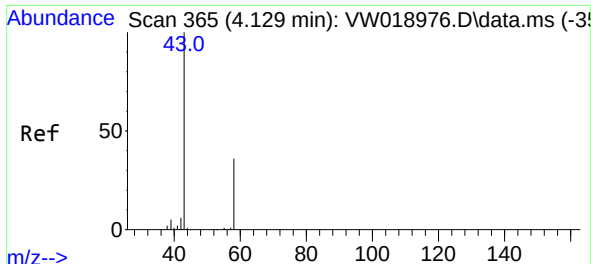


#12
1,1-Dichloroethene
Concen: 1.21 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

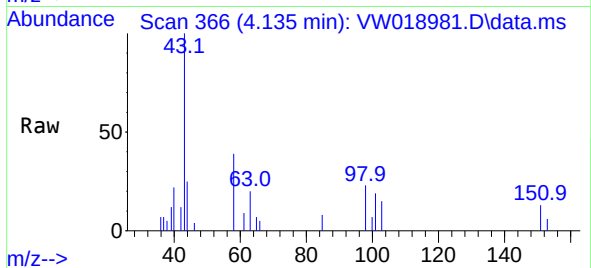


Tgt Ion: 96 Resp: 8525
Ion Ratio Lower Upper
96 100
61 318.2 118.1 219.3#
63 1557.4 83.7 155.5#

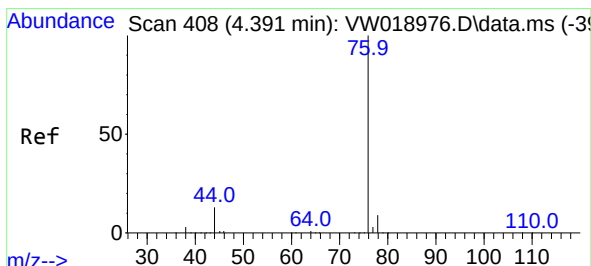
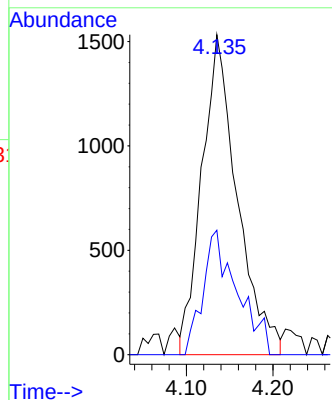
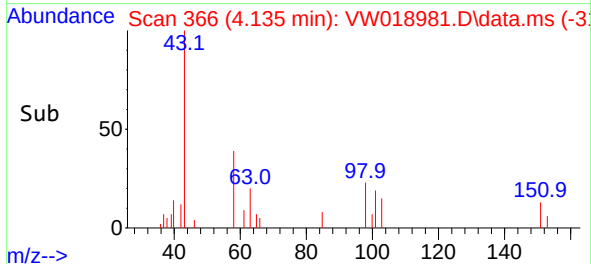




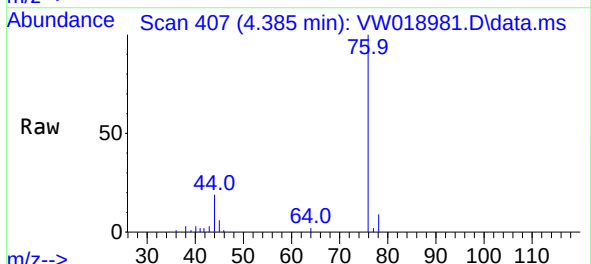
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Acetone
Concen: 4.06 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



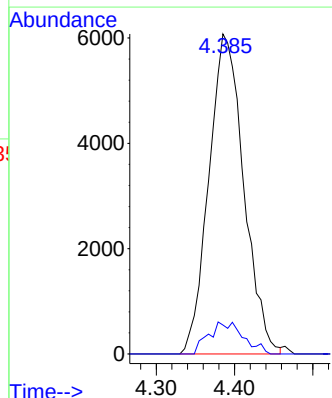
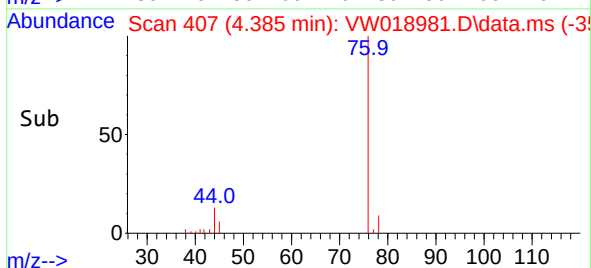
Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
58 20.6 0.0 53.8



#14
Carbon disulfide
Concen: 0.88 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



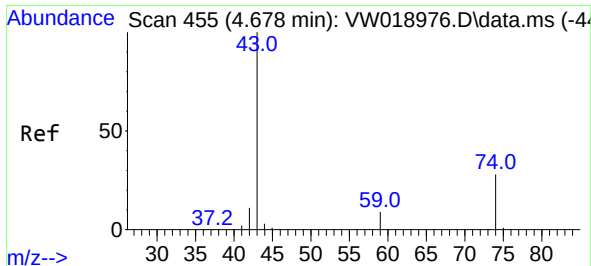
Tgt Ion: 76 Resp: 18814
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



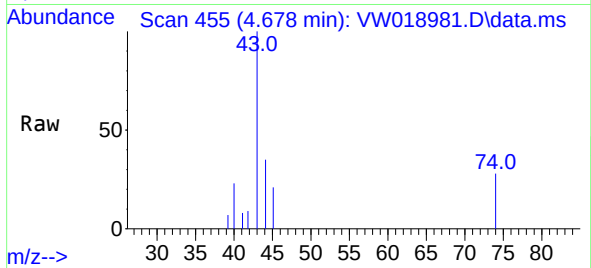
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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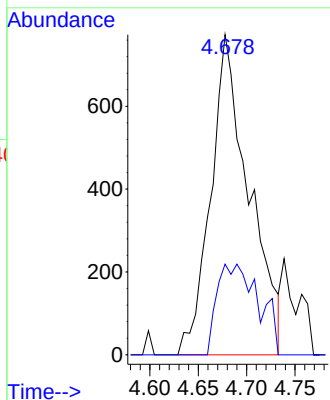
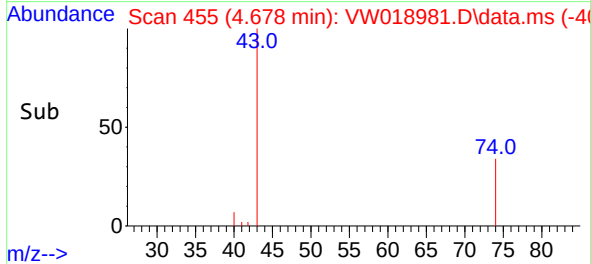
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#15
Methyl Acetate
Concen: 0.89 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



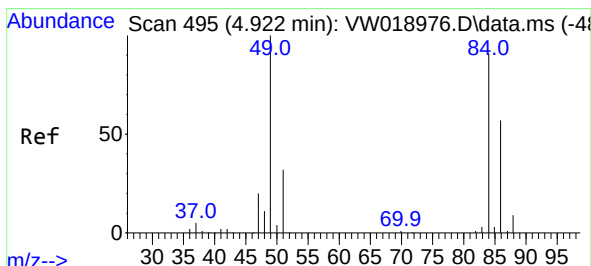
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
74 12.0 20.0 30.0#



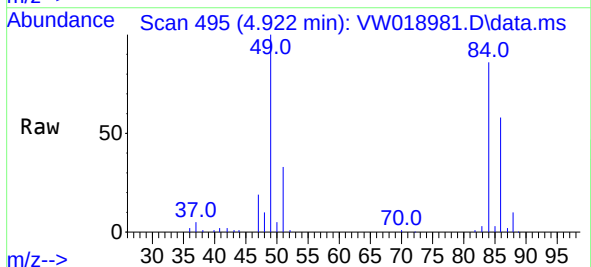
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations
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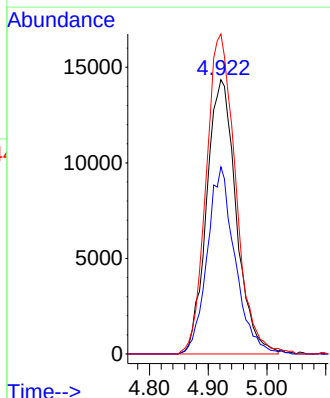
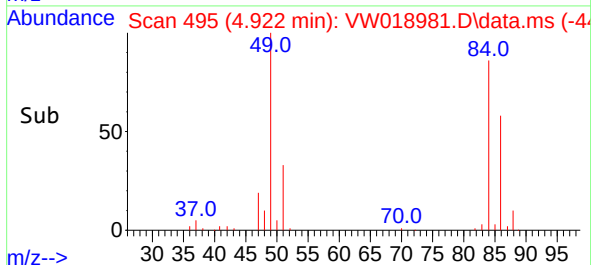
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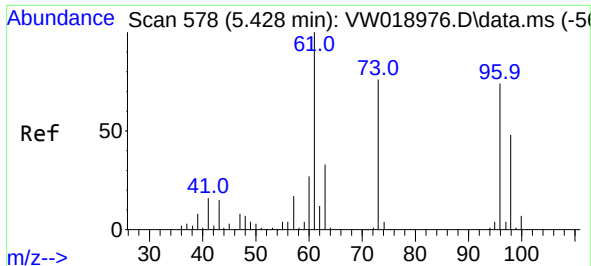


#16
Methylene chloride
Concen: 5.41 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

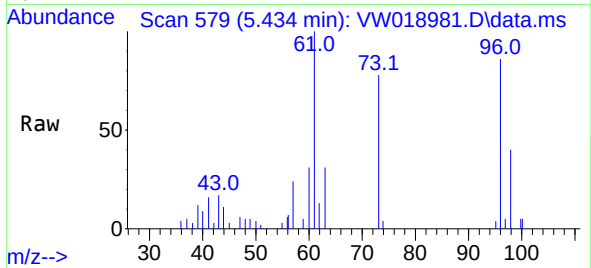


Tgt Ion: 84 Resp: 50198
Ion Ratio Lower Upper
84 100
86 68.2 45.3 84.1
49 116.7 86.6 160.8



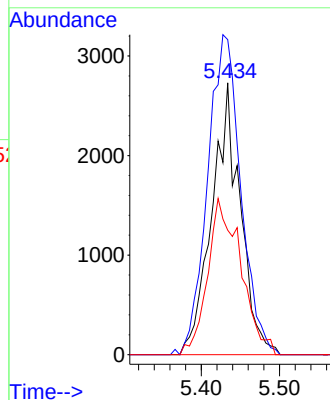


#17
trans-1,2-Dichloroethene
Concen: 0.90 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion: 96 Resp: 6887

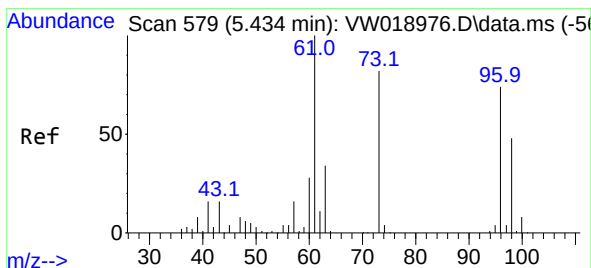
Ion	Ratio	Lower	Upper
96	100		
61	115.9	98.3	182.7
98	45.8	46.1	85.7#



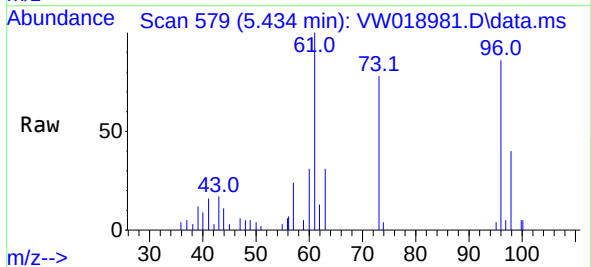
Instrument :
MSVOA_W
ClientSampleId :
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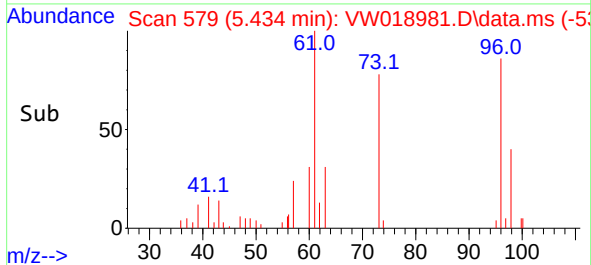
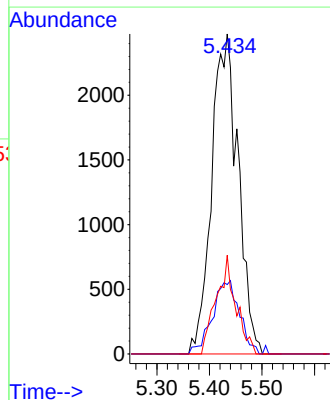


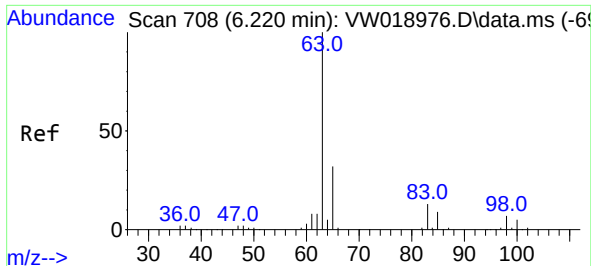
#18
Methyl tert-butyl Ether
Concen: 0.88 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion: 73 Resp: 8606

Ion	Ratio	Lower	Upper
73	100		
43	18.1	17.7	26.5
57	22.9	17.0	25.4





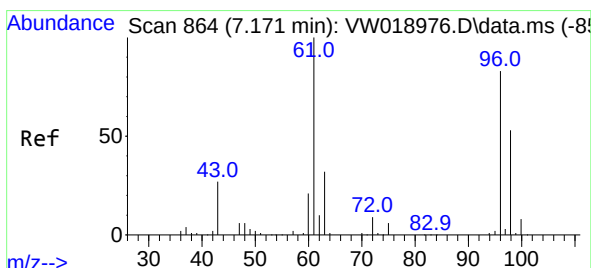
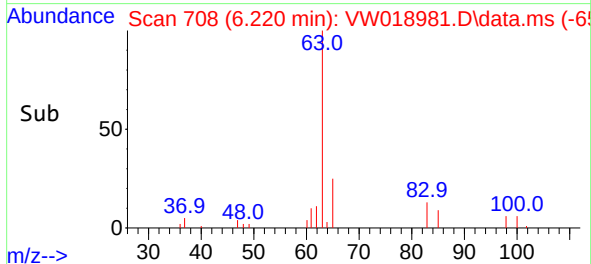
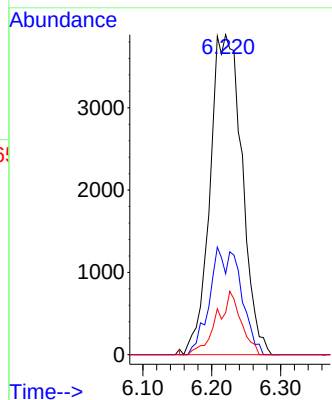
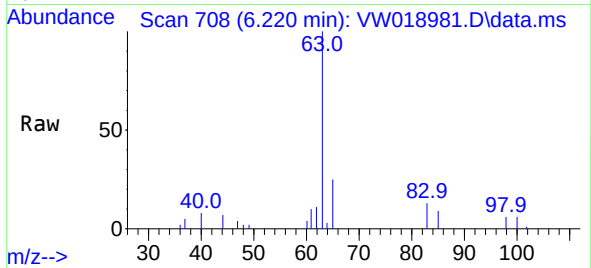
#19
1,1-Dichloroethane
Concen: 0.93 ug/L m
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	63	Resp:	12475
Ion	Ratio	Lower	Upper
63	100		
65	25.3	22.9	42.5
83	13.1	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
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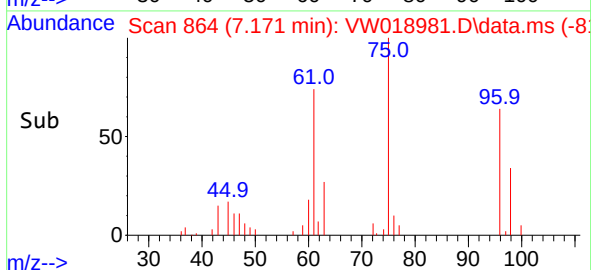
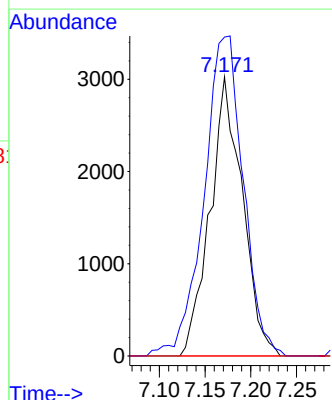
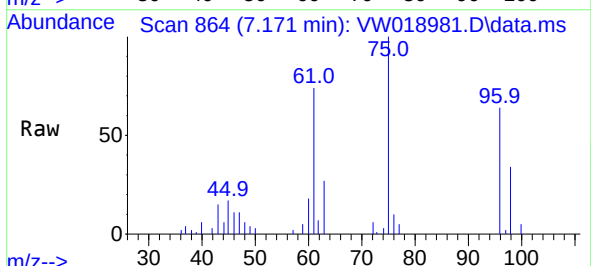
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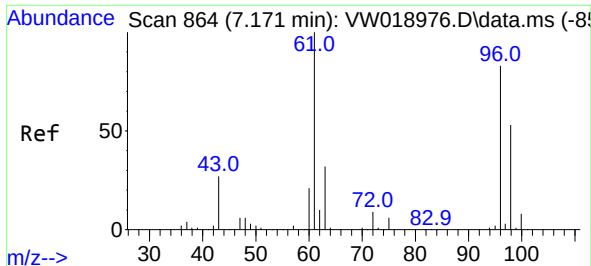
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#20
cis-1,2-Dichloroethene
Concen: 0.91 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	96	Resp:	7460
Ion	Ratio	Lower	Upper
96	100		
61	114.3	88.5	164.3
68	0.0	0.0	0.0





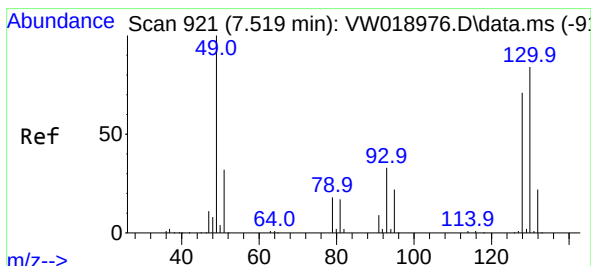
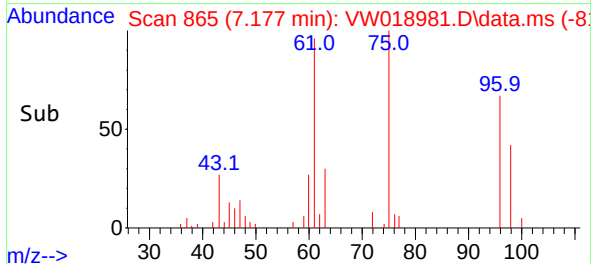
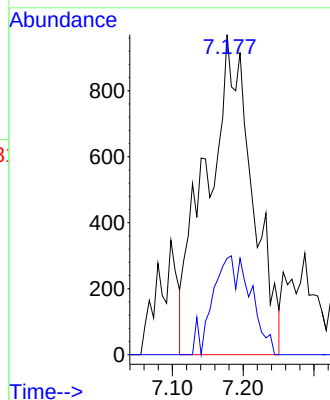
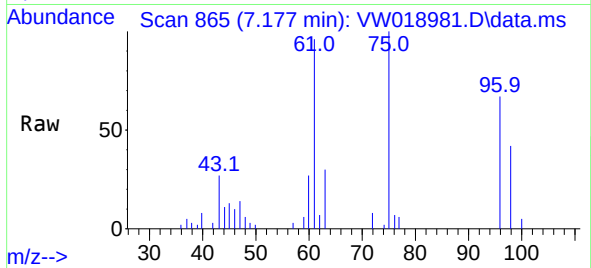
#22
2-Butanone
Concen: 2.70 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 43 Resp: 4367
Ion Ratio Lower Upper
43 100
72 14.5 14.9 44.7#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

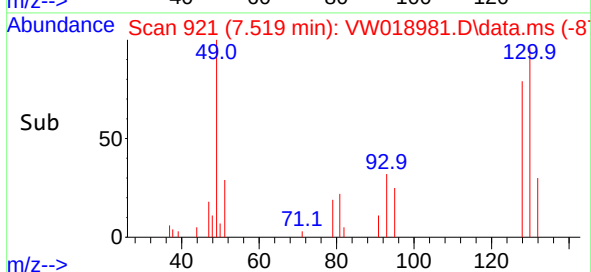
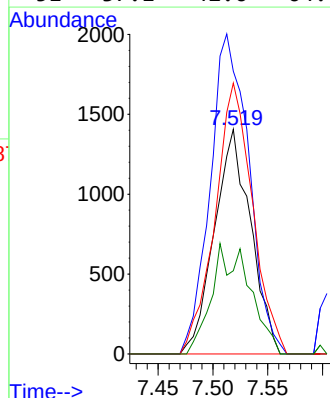
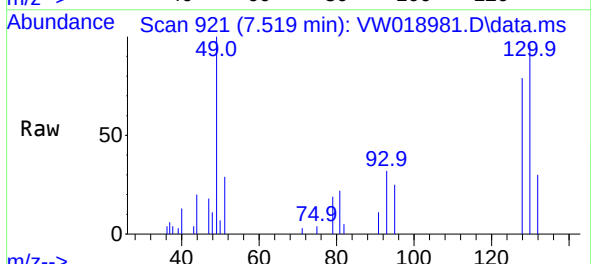
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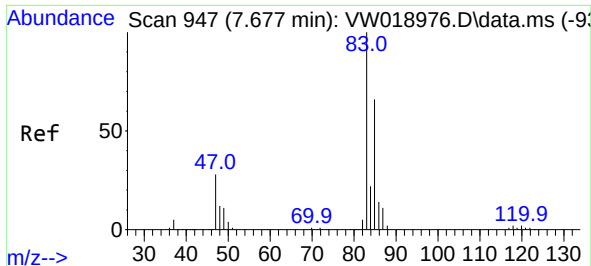
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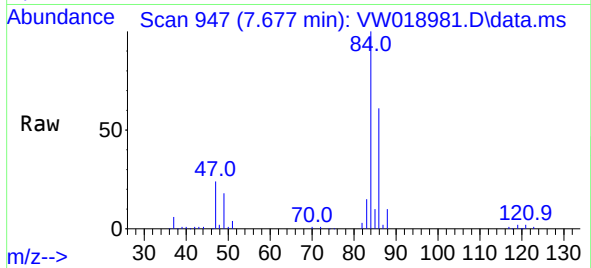
#23
Bromochloromethane
Concen: 0.90 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 128 Resp: 3241
Ion Ratio Lower Upper
128 100
49 125.9 116.3 215.9
130 120.6 82.4 153.0
51 37.1 42.6 64.0#

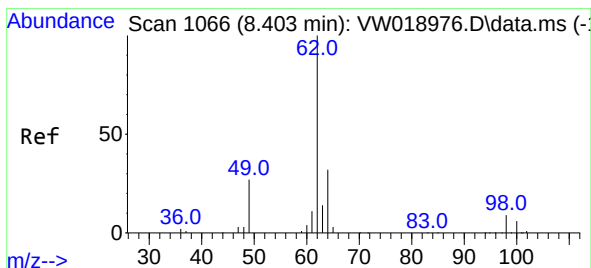
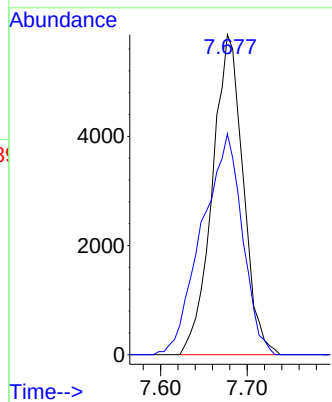
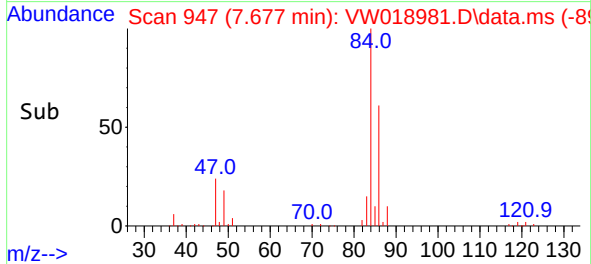




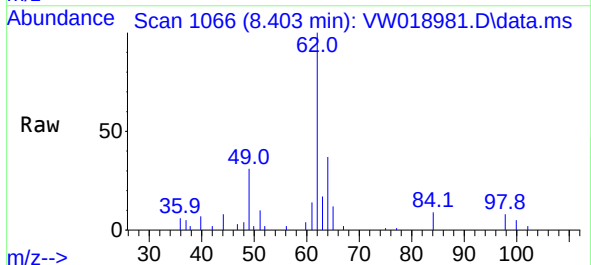
#25
Chloroform
Concen: 1.04 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



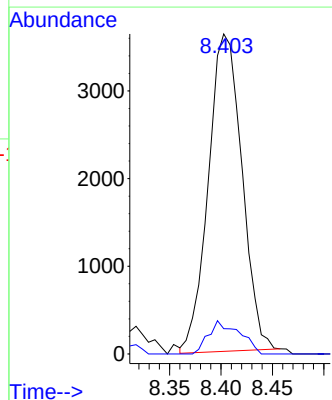
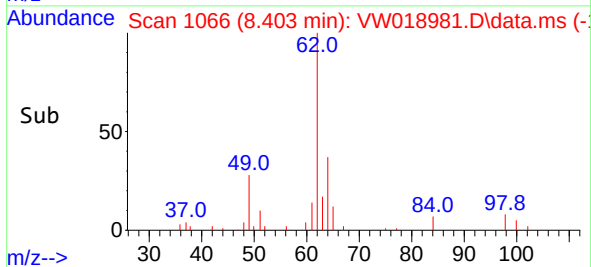
Tgt Ion: 83 Resp: 14491
Ion Ratio Lower Upper
83 100
85 69.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.94 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



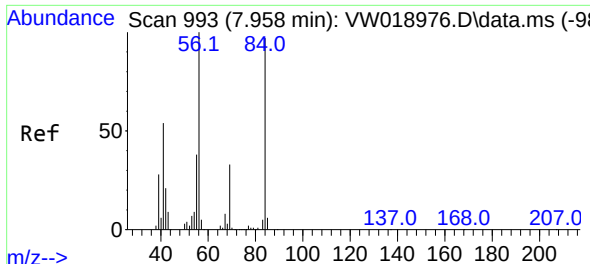
Tgt Ion: 62 Resp: 8239
Ion Ratio Lower Upper
62 100
98 7.9 6.9 10.3



Instrument :
MSVOA_W
ClientSampleId :
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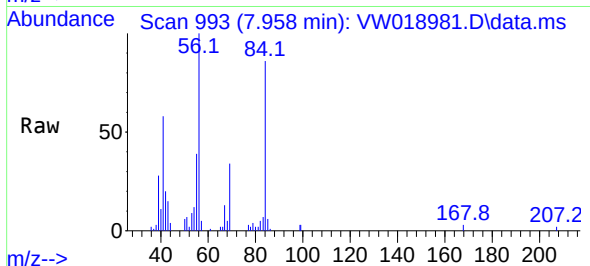
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#29
Cyclohexane
Concen: 0.97 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

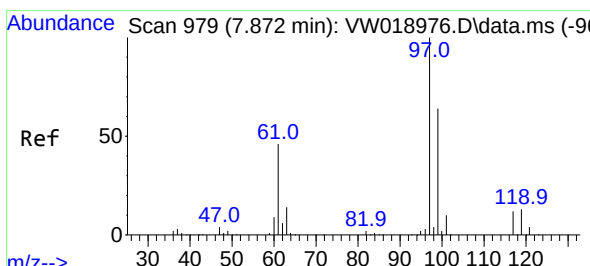
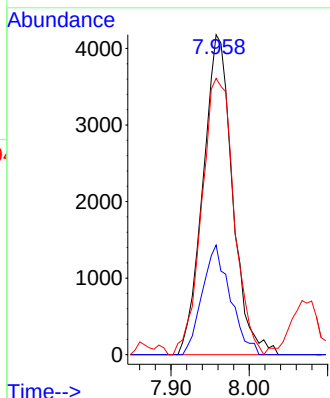
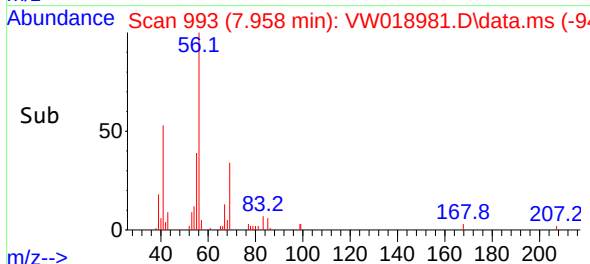
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



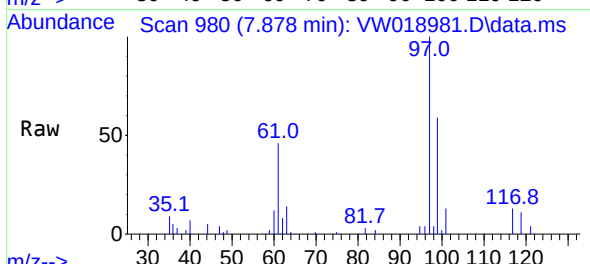
Tgt Ion:	56	Resp:	10942
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.5	36.7
84	93.8	75.0	112.4

Manual Integrations
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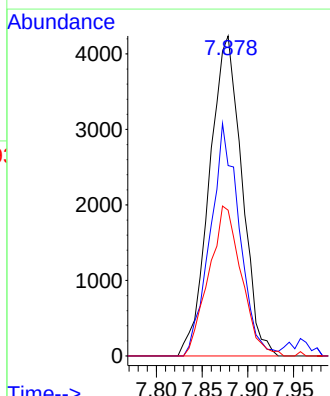
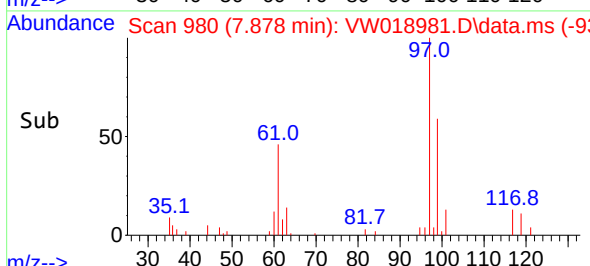
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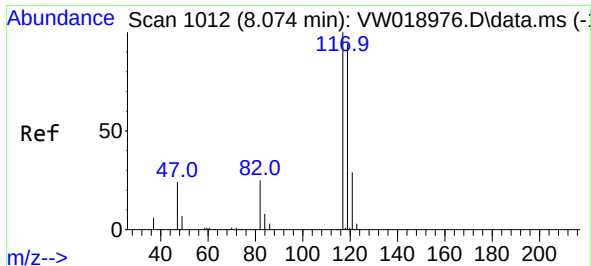


#30
1,1,1-Trichloroethane
Concen: 0.96 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



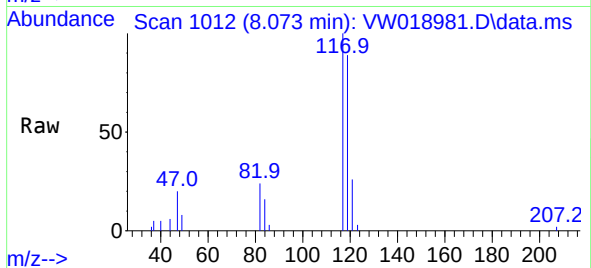
Tgt Ion:	97	Resp:	10473
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	47.1	37.8	56.6





#31
Carbon tetrachloride
Concen: 0.98 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

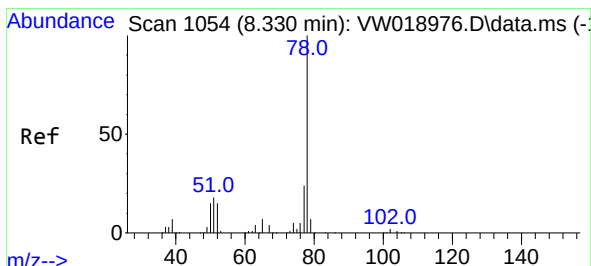
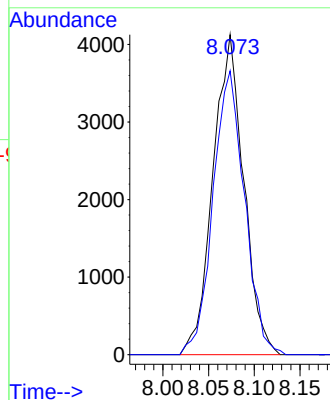
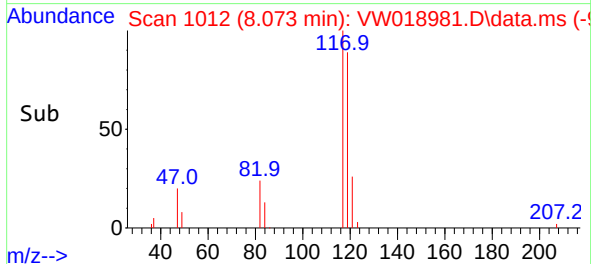
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



Tgt Ion:117 Resp: 9651
Ion Ratio Lower Upper
117 100
119 90.9 76.5 114.7

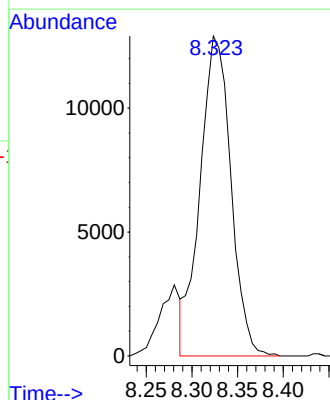
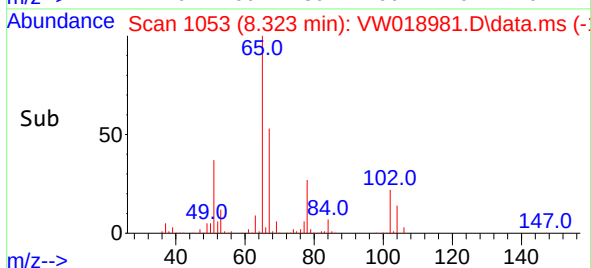
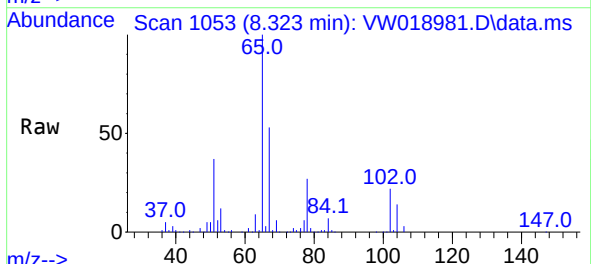
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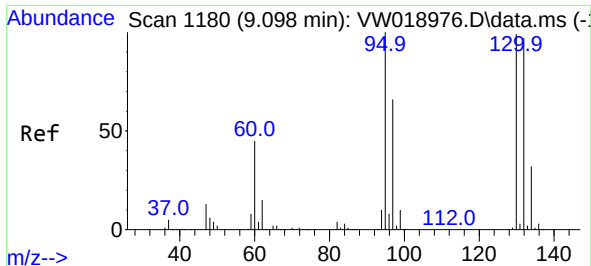
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#33
Benzene
Concen: 1.00 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 78 Resp: 30226





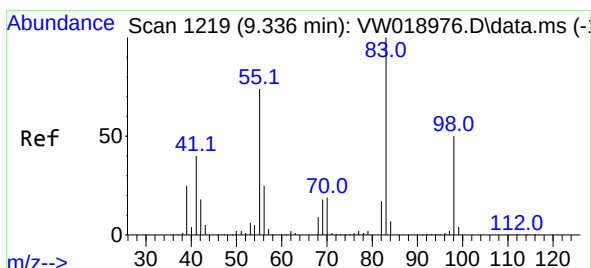
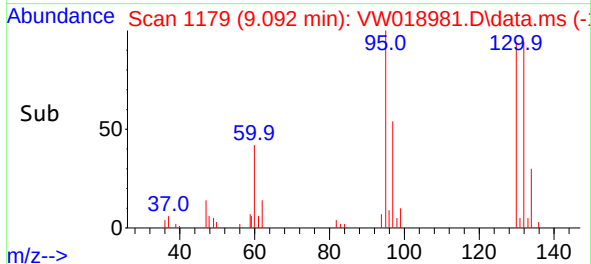
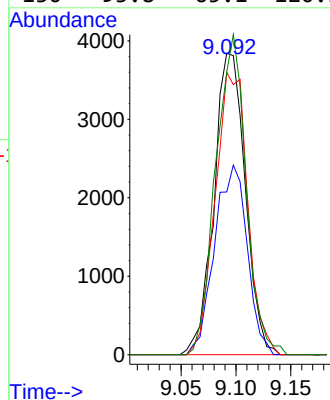
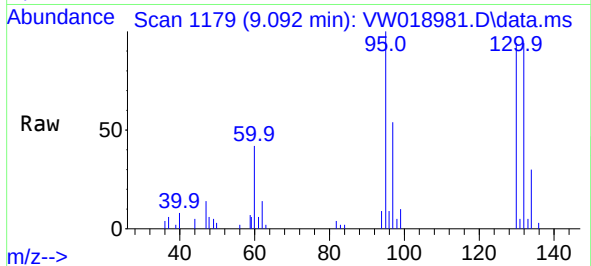
#34
Trichloroethene
Concen: 0.96 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	95	Resp:	7634
Ion	Ratio	Lower	Upper
95	100		
97	54.0	47.3	87.8
132	93.6	71.0	131.8
130	93.8	65.1	120.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

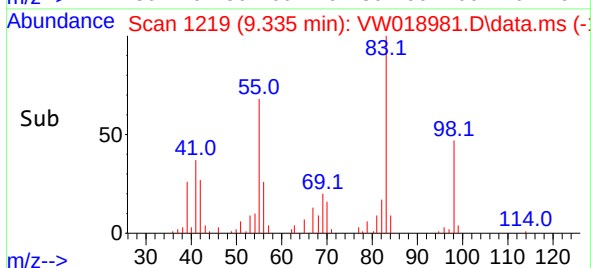
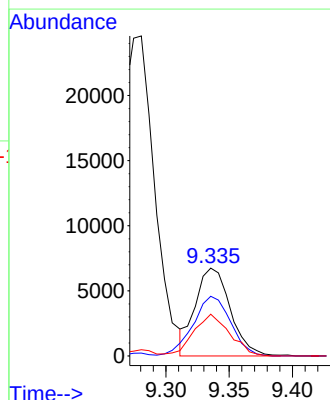
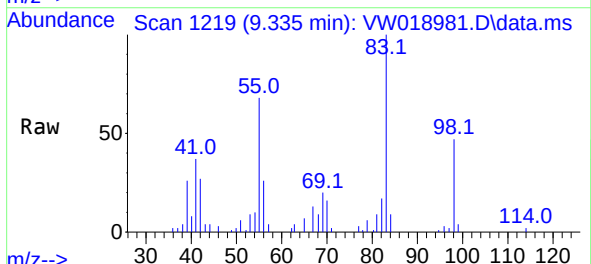
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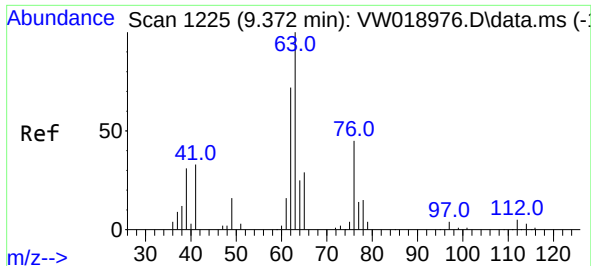
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#35
Methylcyclohexane
Concen: 0.97 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	83	Resp:	13012
Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.9	88.3
98	49.2	40.1	60.1





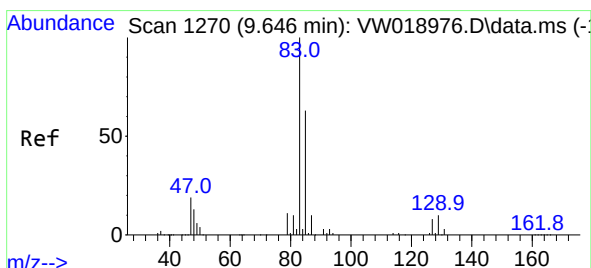
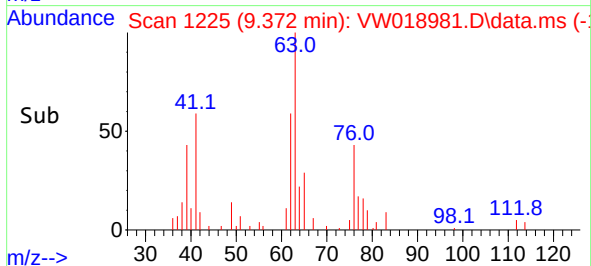
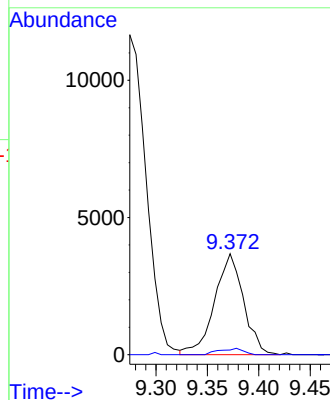
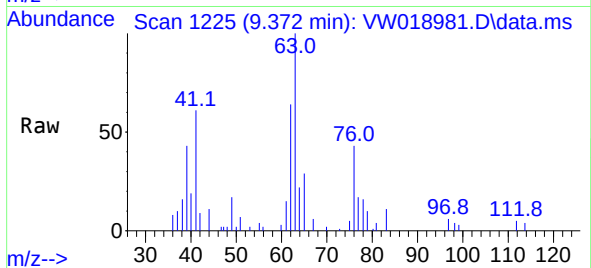
#37
1,2-Dichloropropane
Concen: 0.99 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 63 Resp: 7213
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

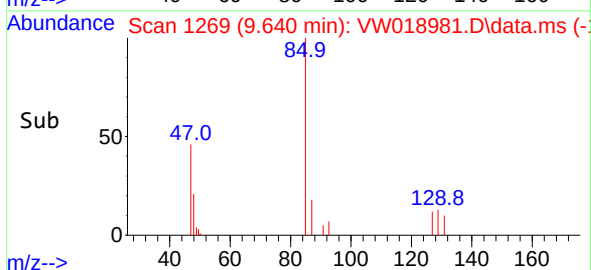
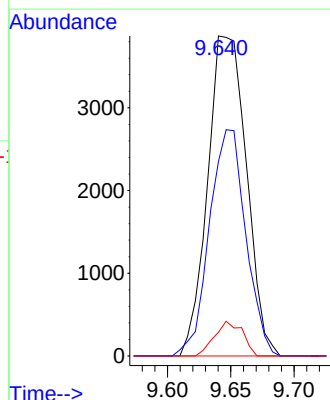
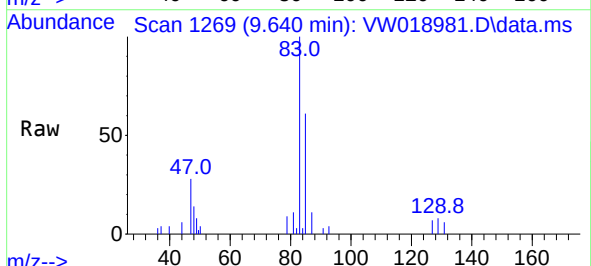
Manual Integrations
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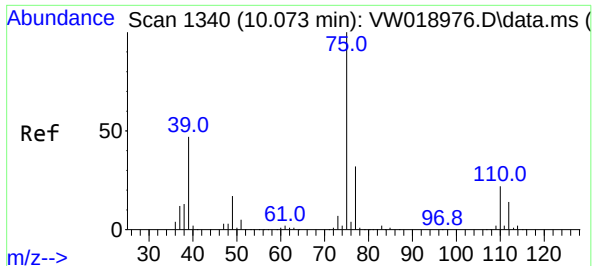
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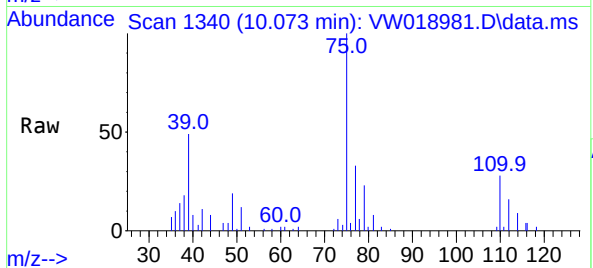
#38
Bromodichloromethane
Concen: 0.86 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 83 Resp: 8263
Ion Ratio Lower Upper
83 100
85 60.8 42.3 78.5
127 7.4 6.6 9.8

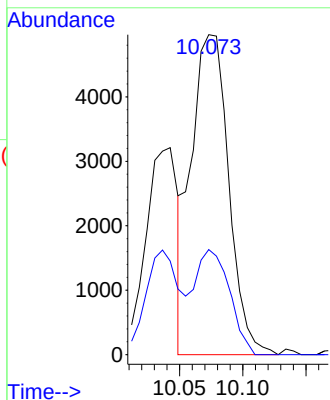
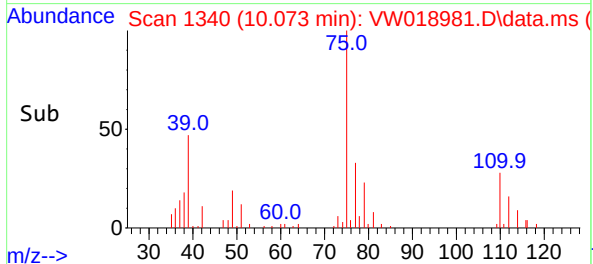




#39
cis-1,3-Dichloropropene
Concen: 0.92 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



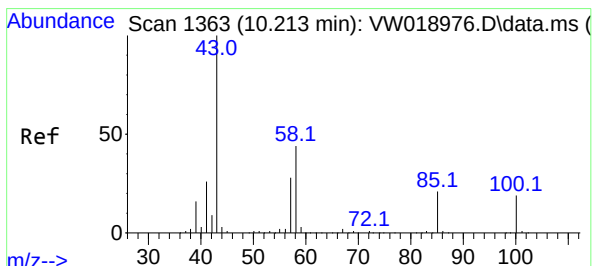
Tgt Ion: 75 Resp: 10212
Ion Ratio Lower Upper
75 100
77 32.9 22.6 42.0



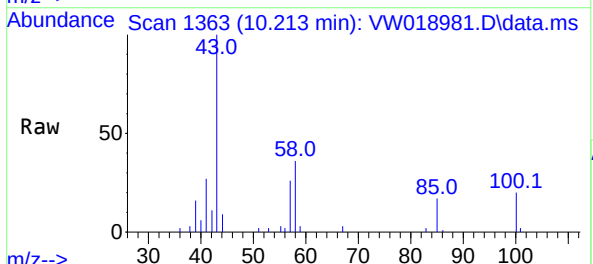
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

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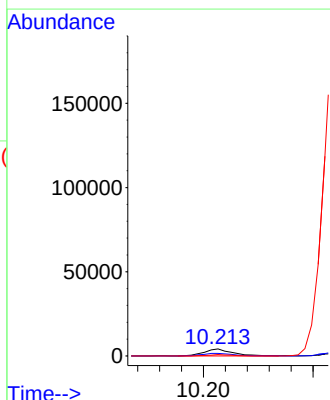
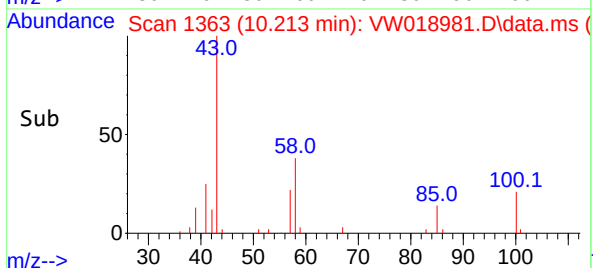
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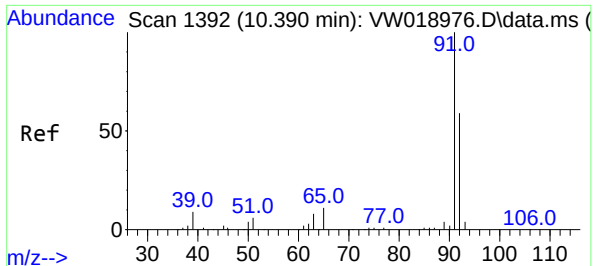


#40
4-Methyl-2-pentanone
Concen: 2.06 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion: 43 Resp: 7547
Ion Ratio Lower Upper
43 100
58 39.8 31.0 46.4
100 15.8 13.0 19.6





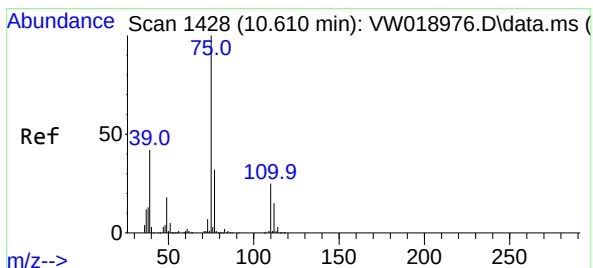
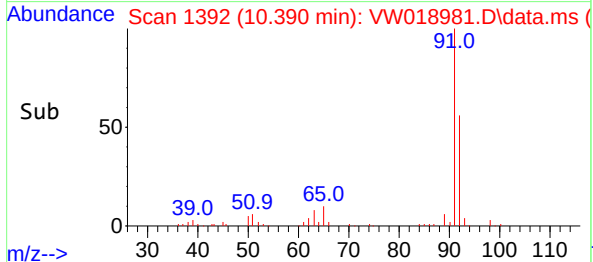
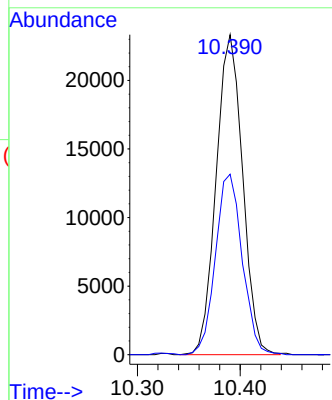
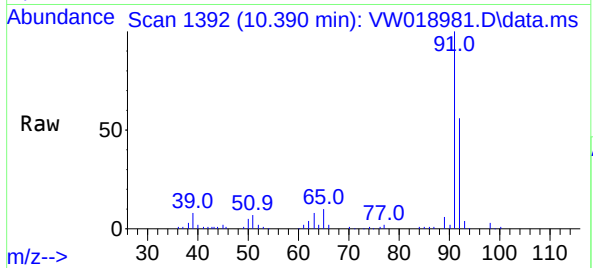
#42
Toluene
Concen: 1.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 91 Resp: 41752
Ion Ratio Lower Upper
91 100
92 56.4 39.5 73.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

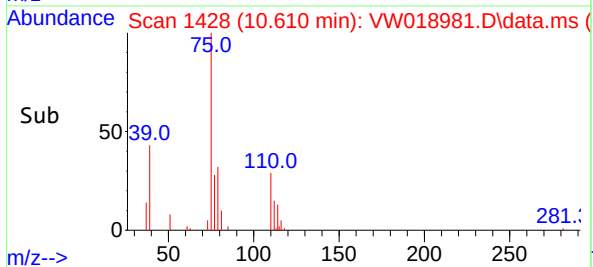
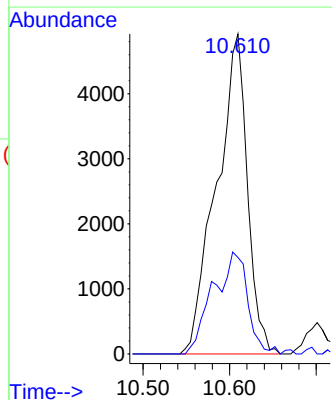
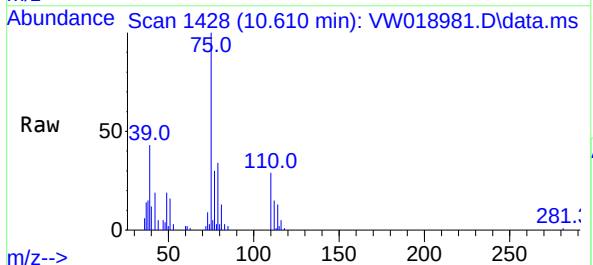
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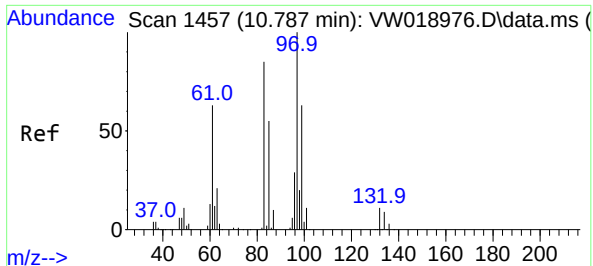
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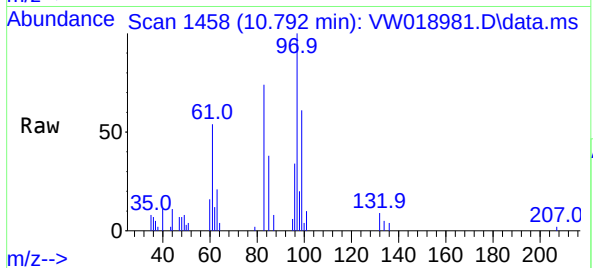
#44
trans-1,3-Dichloropropene
Concen: 1.28 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 75 Resp: 12169
Ion Ratio Lower Upper
75 100
77 30.1 21.1 39.1

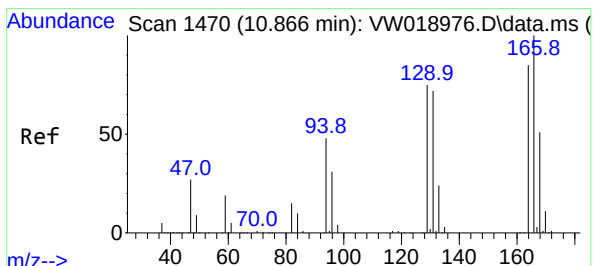
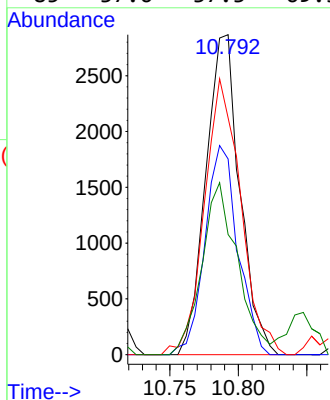
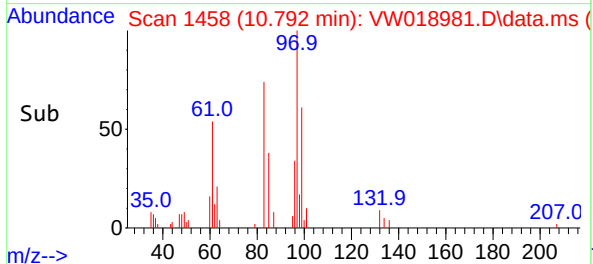




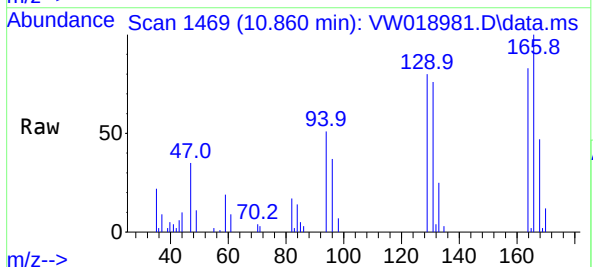
#45
1,1,2-Trichloroethane
Concen: 0.92 ug/L
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



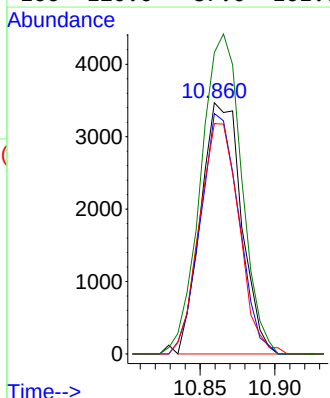
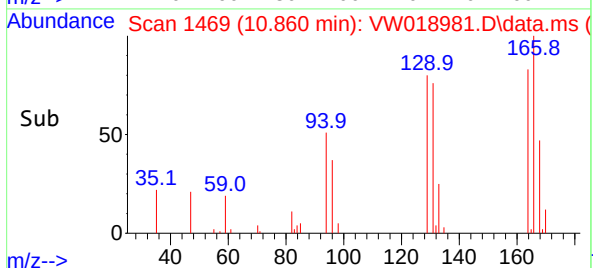
Tgt Ion:	97	Resp:	4955
Ion	Ratio	Lower	Upper
97	100		
99	61.2	45.1	83.7
83	74.0	58.1	107.9
85	37.6	37.3	69.3



#46
Tetrachloroethene
Concen: 1.04 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



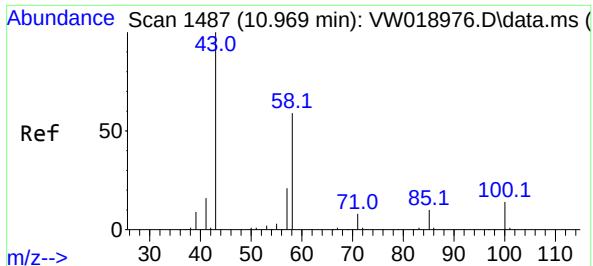
Tgt Ion:	164	Resp:	6531
Ion	Ratio	Lower	Upper
164	100		
129	95.7	66.7	123.9
131	91.7	61.1	113.5
166	120.0	87.0	161.6



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

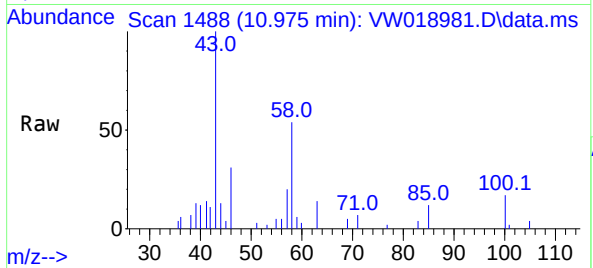
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#48
2-Hexanone
Concen: 1.87 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

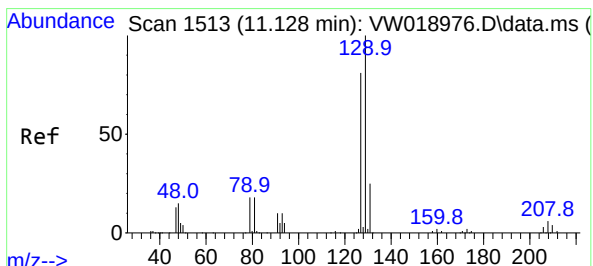
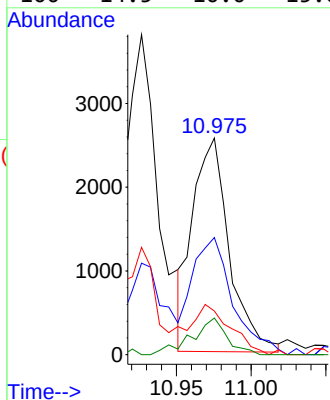
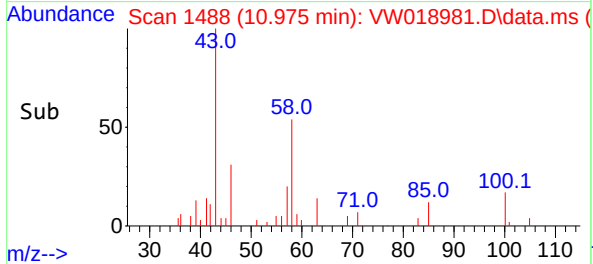
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



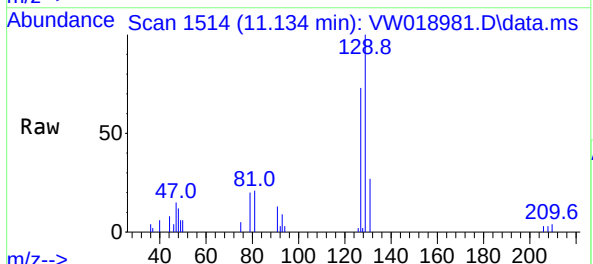
Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 61.1 42.7 64.1
57 27.3 15.8 23.8#
100 14.5 10.0 15.0

Manual Integrations
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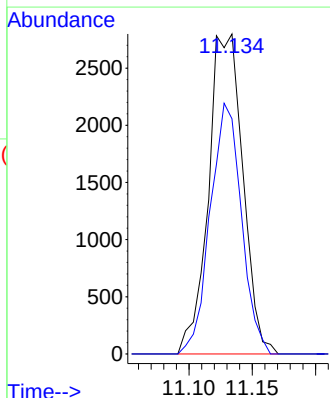
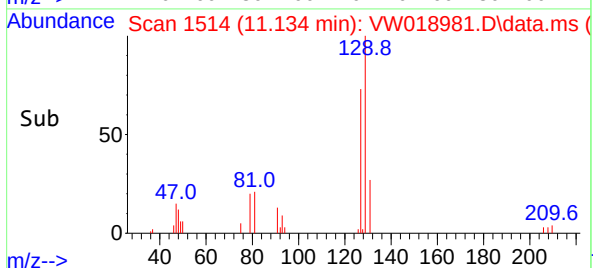
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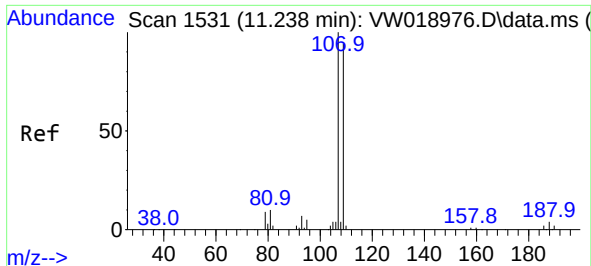


#49
Dibromochloromethane
Concen: 0.86 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



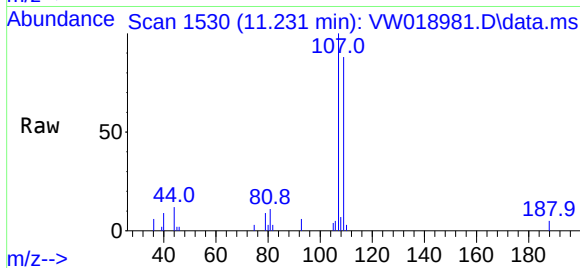
Tgt Ion: 129 Resp: 5299
Ion Ratio Lower Upper
129 100
127 75.3 51.7 95.9





#50
1,2-Dibromoethane
Concen: 0.86 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

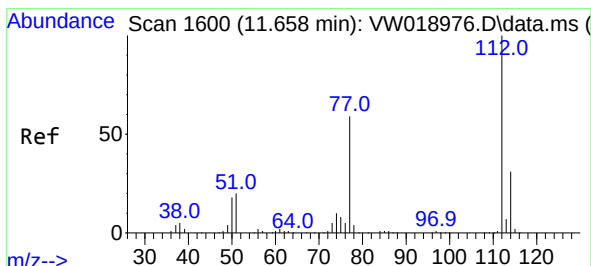
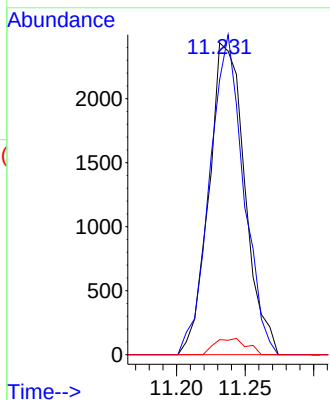
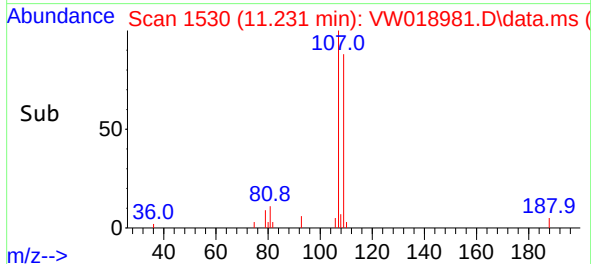
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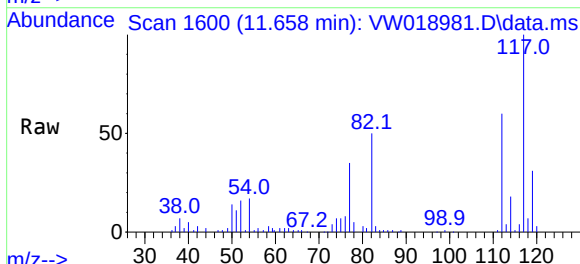
Tgt Ion:107 Resp: 4432
Ion Ratio Lower Upper
107 100
109 88.2 65.4 121.4
188 4.8 2.6 4.0#

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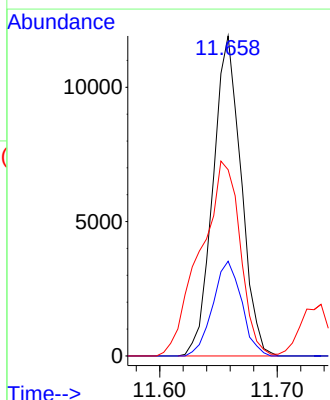
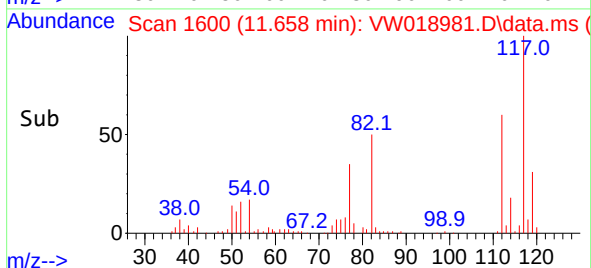
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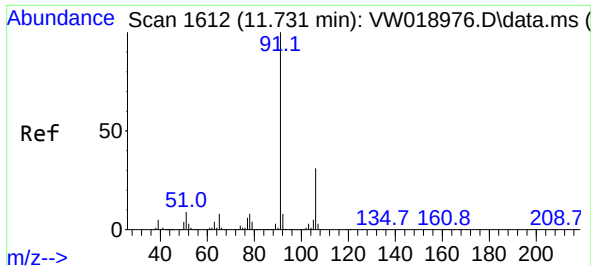


#51
Chlorobenzene
Concen: 0.94 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion:112 Resp: 19777
Ion Ratio Lower Upper
112 100
114 29.6 23.4 43.6
77 58.2 47.6 71.4





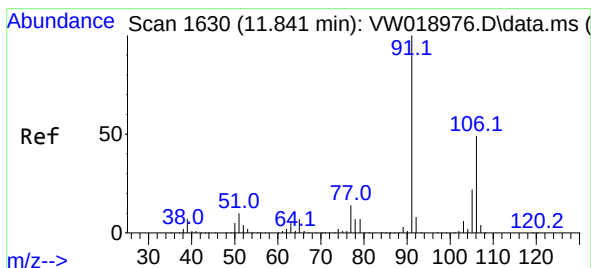
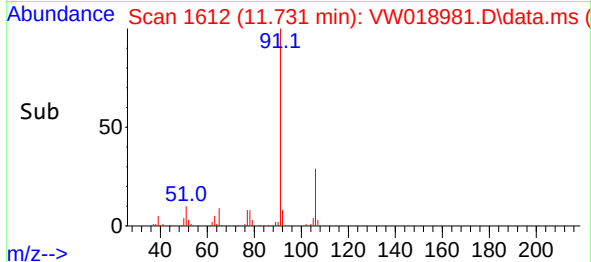
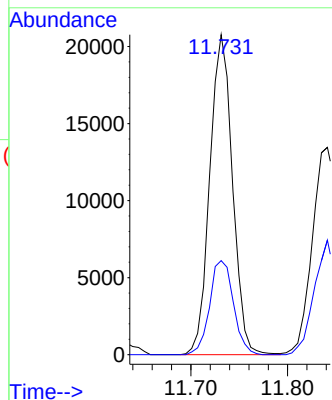
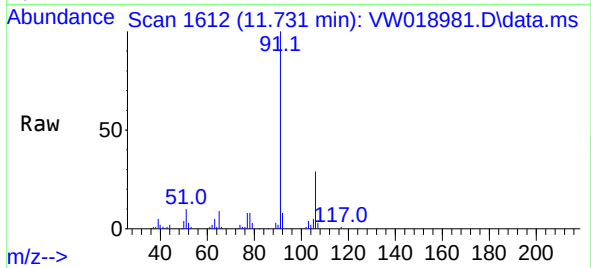
#52
Ethylbenzene
Concen: 0.93 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion: 91 Resp: 33927
Ion Ratio Lower Upper
91 100
106 29.4 22.5 41.7

Instrument :
MSVOA_W
ClientSampleId :
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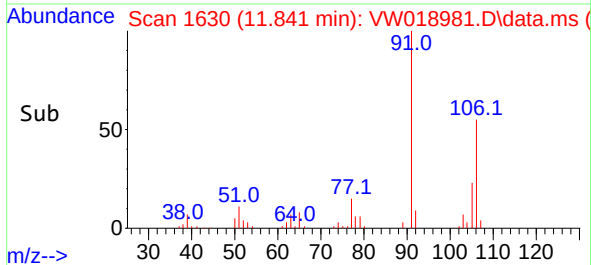
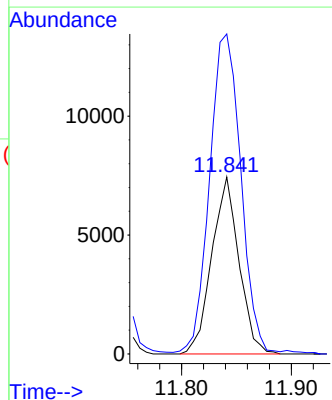
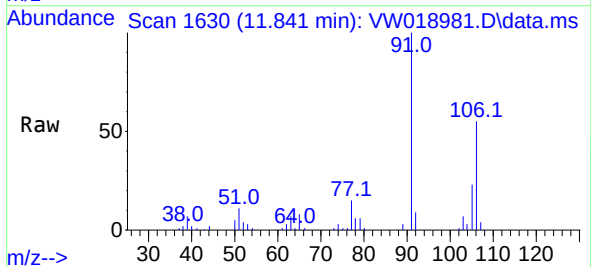
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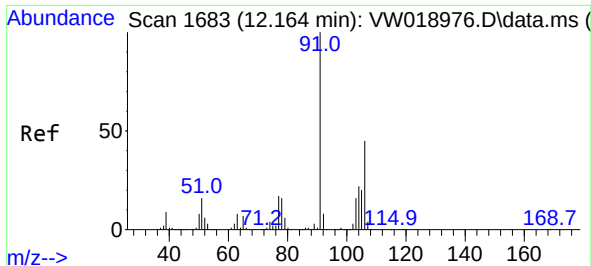
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#53
m,p-Xylene
Concen: 0.93 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

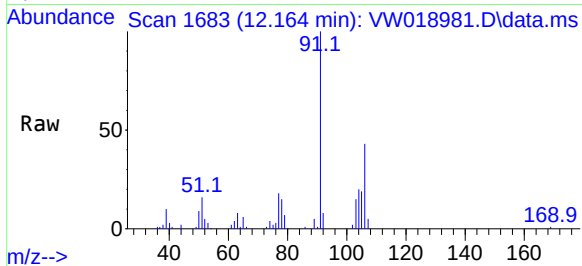
Tgt Ion: 106 Resp: 12841
Ion Ratio Lower Upper
106 100
91 180.9 141.3 262.3





#54
o-Xylene
Concen: 0.85 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

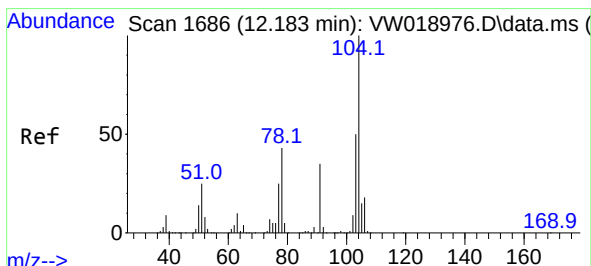
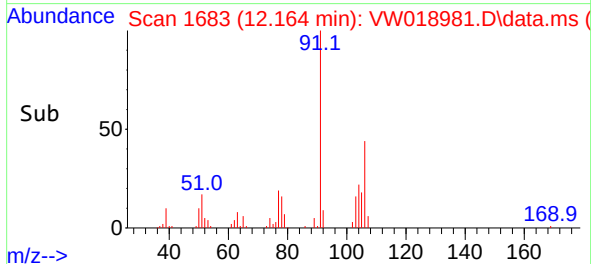
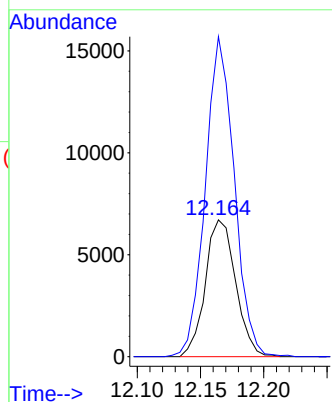
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



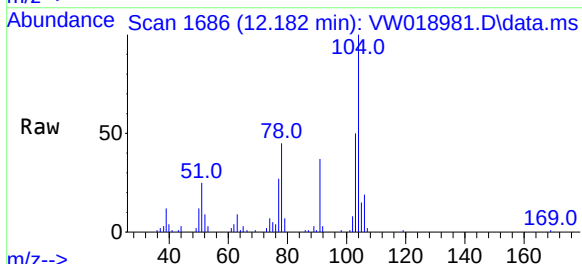
Tgt Ion:106 Resp: 11208
Ion Ratio Lower Upper
106 100
91 234.0 150.0 278.6

Manual Integrations
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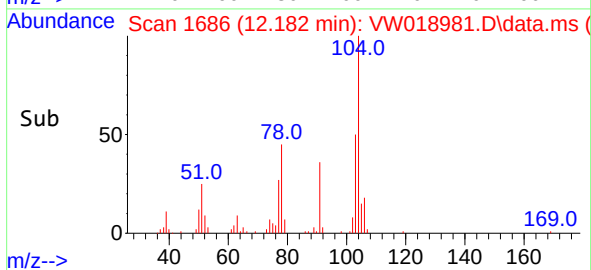
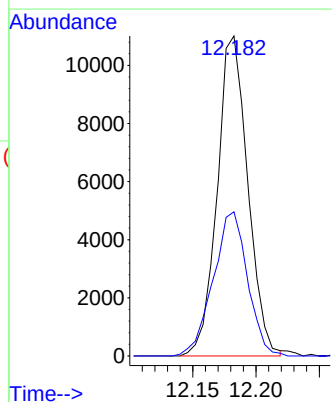
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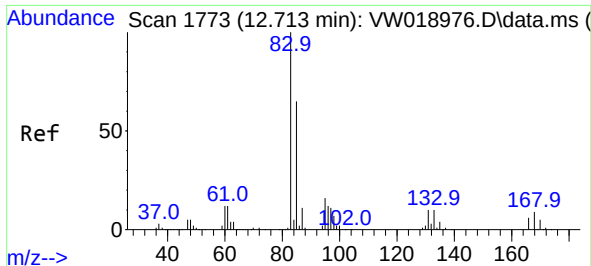


#55
Styrene
Concen: 0.82 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion:104 Resp: 18487
Ion Ratio Lower Upper
104 100
78 45.1 32.5 60.3





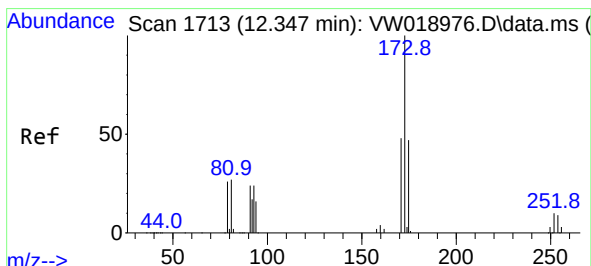
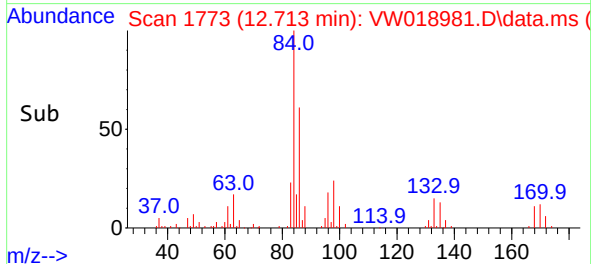
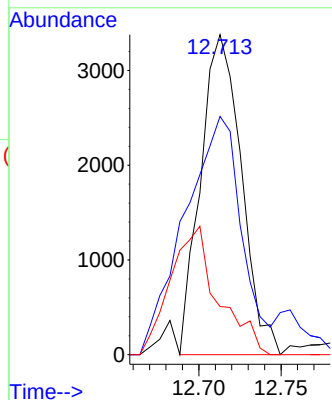
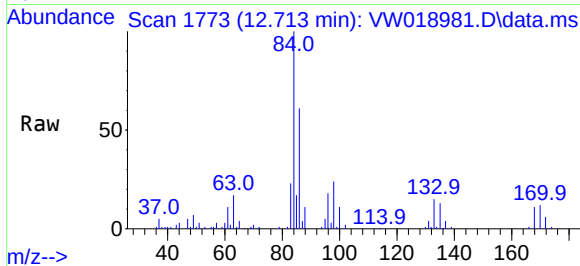
#57
1,1,2,2-Tetrachloroethane
Concen: 0.93 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	83	Resp:	5824
Ion	Ratio	Lower	Upper
83	100		
85	74.5	44.4	82.4
131	15.0	8.2	12.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06

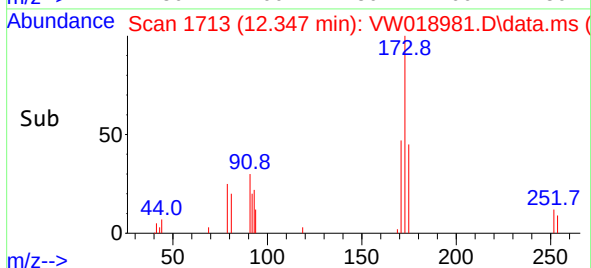
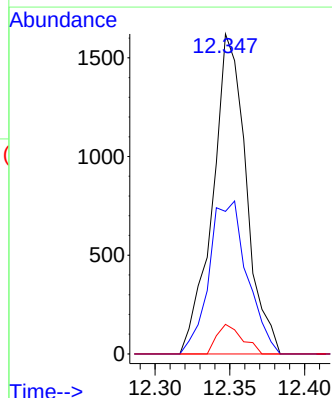
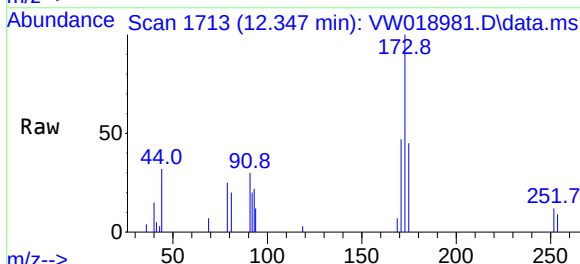
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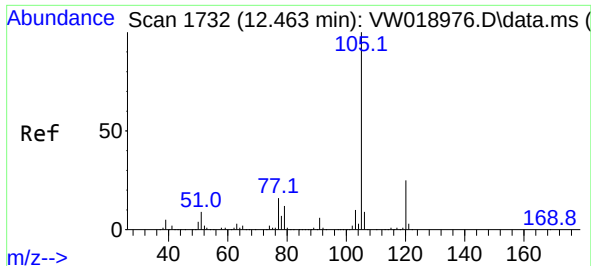
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#59
Bromoform
Concen: 0.76 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

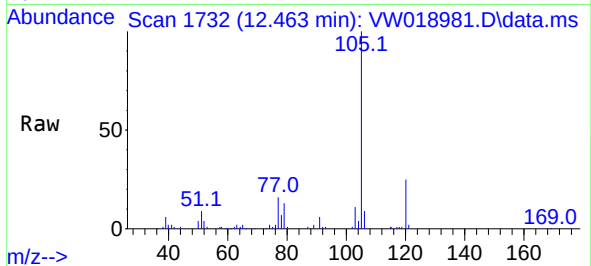
Tgt Ion:	173	Resp:	2525
Ion	Ratio	Lower	Upper
173	100		
175	54.3	37.5	56.3
254	7.0	7.0	10.4





#60
Isopropylbenzene
Concen: 0.91 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

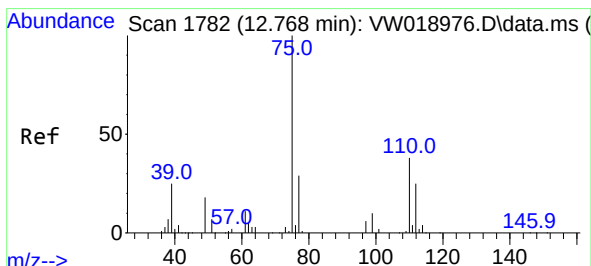
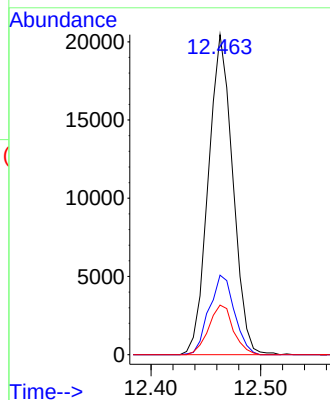
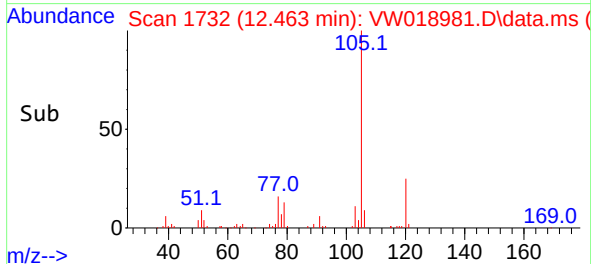
Instrument :
MSVOA_W
ClientSampleId :
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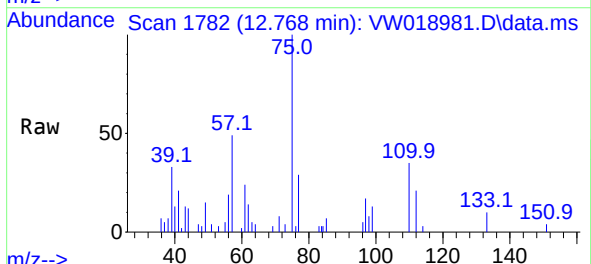
Tgt Ion: 105 Resp: 31817
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 15.5 13.2 19.8

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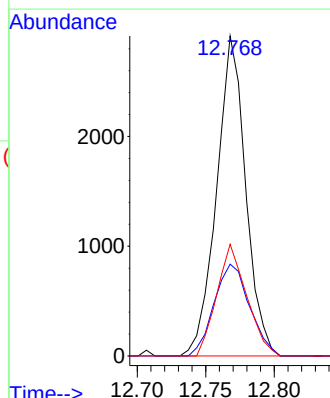
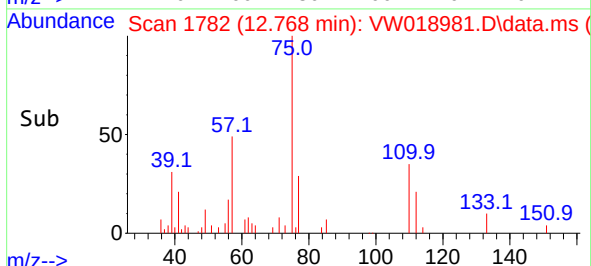
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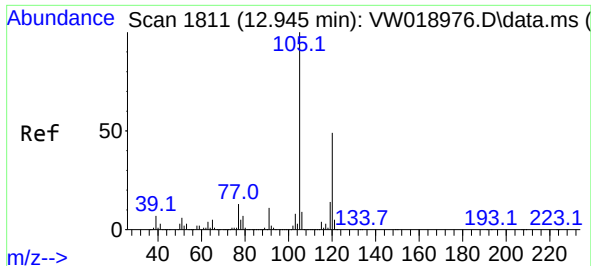


#61
1,2,3-Trichloropropane
Concen: 0.96 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



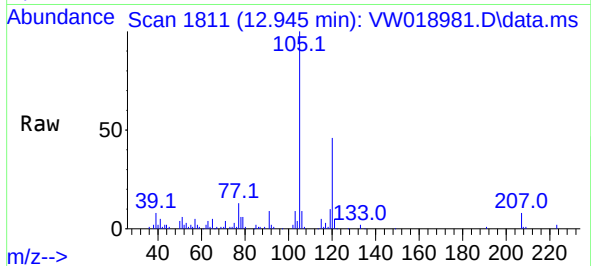
Tgt Ion: 75 Resp: 4307
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9
110 35.9 32.6 48.8





#62
1,3,5-Trimethylbenzene
Concen: 0.86 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

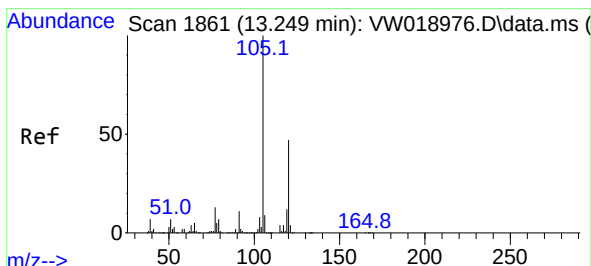
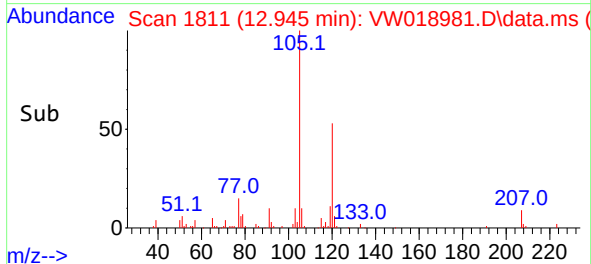
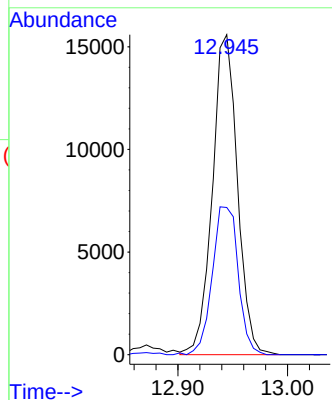
Instrument :
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ClientSampleId :
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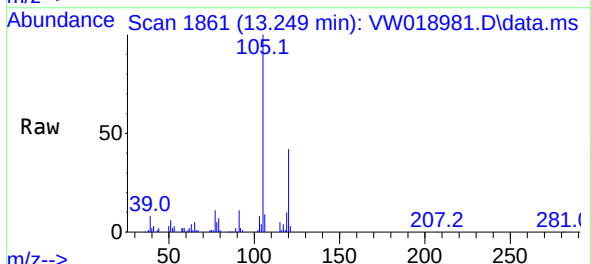
Tgt Ion:105 Resp: 24776
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.6

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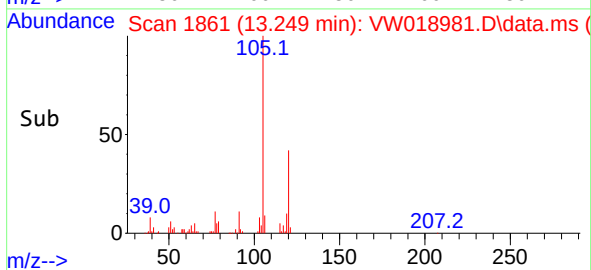
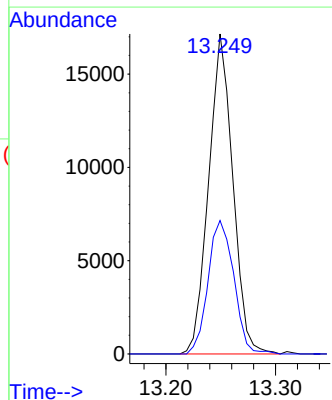
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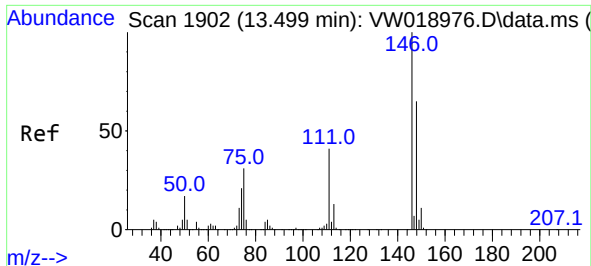


#63
1,2,4-Trimethylbenzene
Concen: 0.91 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



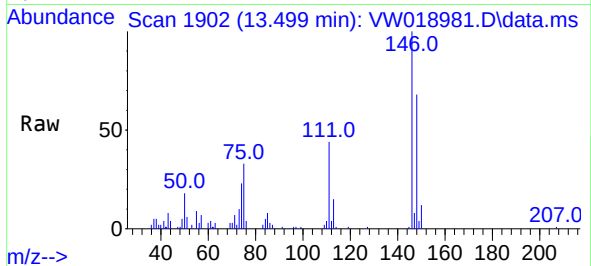
Tgt Ion:105 Resp: 26292
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 0.94 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

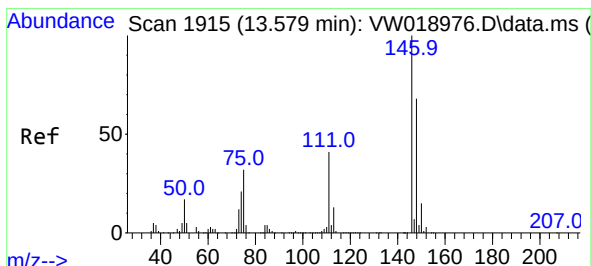
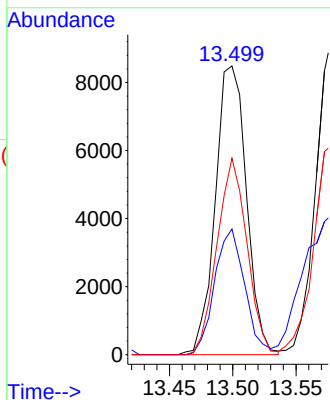
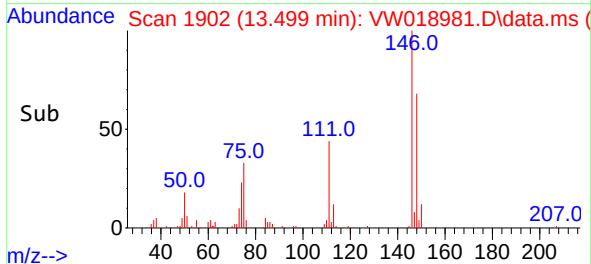
Instrument :
MSVOA_W
ClientSampleId :
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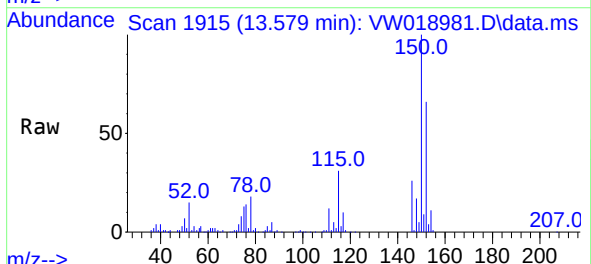
Tgt Ion:146 Resp: 14531
Ion Ratio Lower Upper
146 100
111 43.6 26.7 49.7
148 68.0 41.1 76.3

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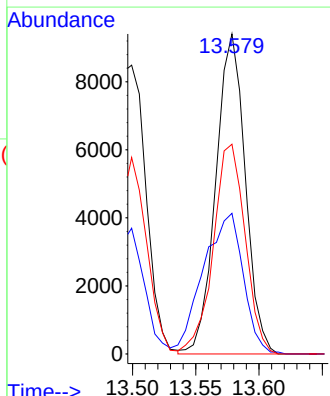
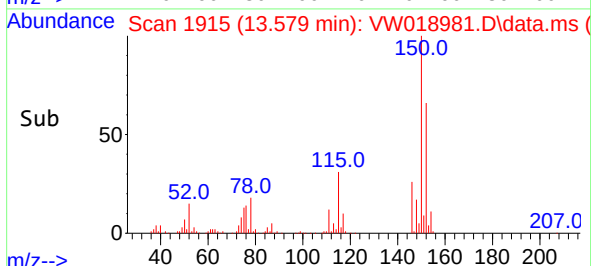
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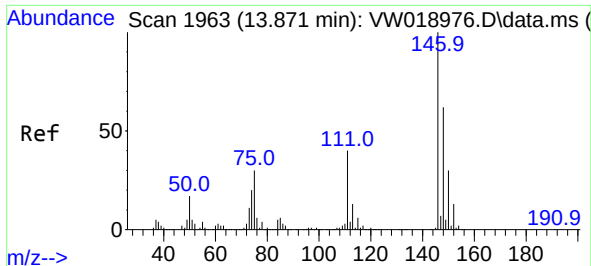


#65
1,4-Dichlorobenzene
Concen: 0.97 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion:146 Resp: 15228
Ion Ratio Lower Upper
146 100
111 44.0 28.8 53.4
148 65.6 46.8 87.0





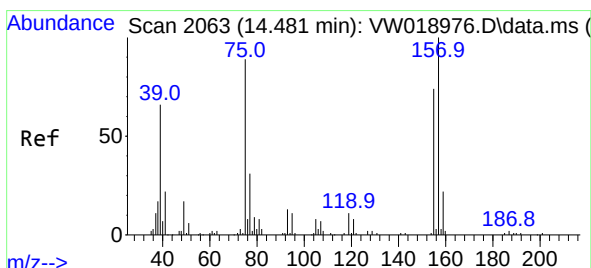
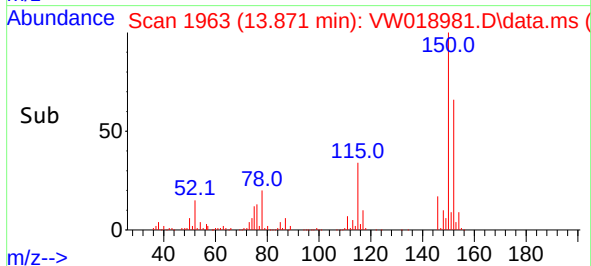
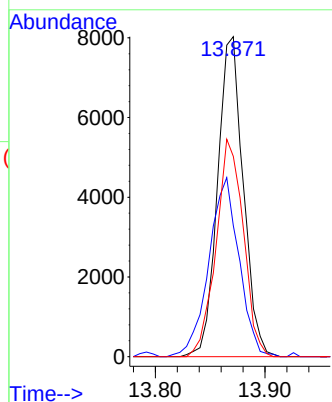
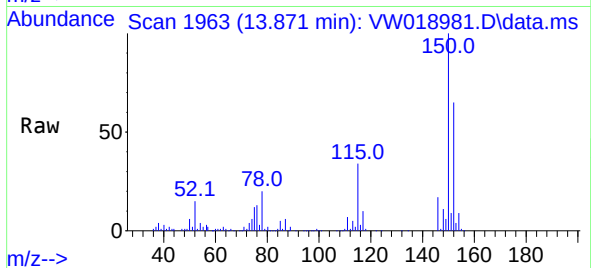
#67
1,2-Dichlorobenzene
Concen: 0.93 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

Tgt Ion:	146	Resp:	13077
Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.2	49.8
148	62.6	50.4	75.6

Instrument :
MSVOA_W
ClientSampleId :
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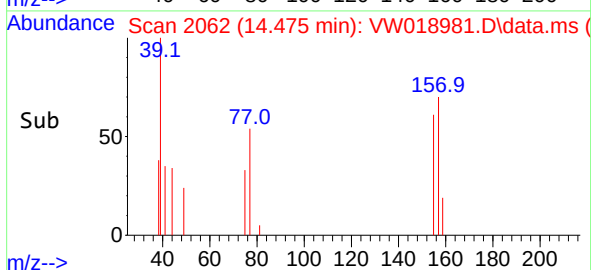
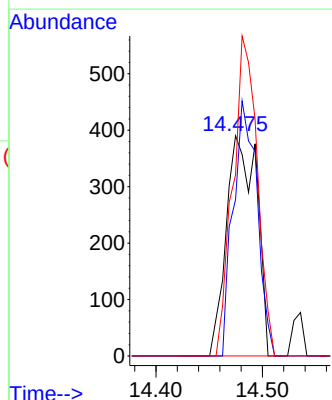
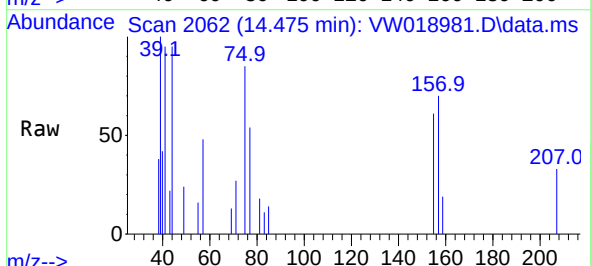
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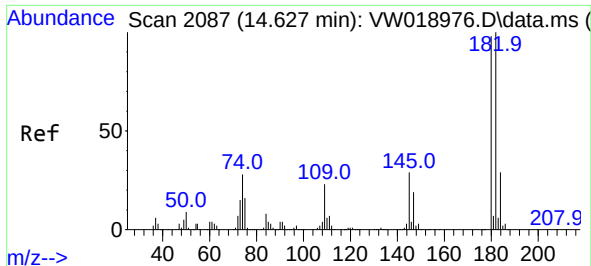
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.84 ug/L m
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

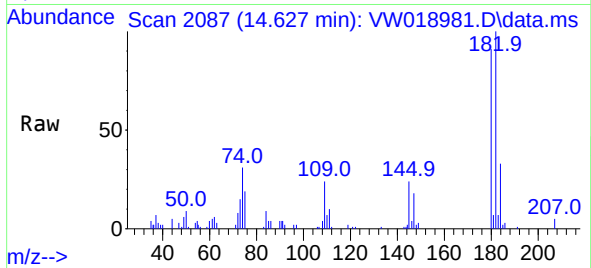
Tgt Ion:	75	Resp:	773
Ion	Ratio	Lower	Upper
75	100		
155	71.0	59.4	89.0
157	82.3	72.2	108.2





#69
1,3,5-Trichlorobenzene
Concen: 0.97 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

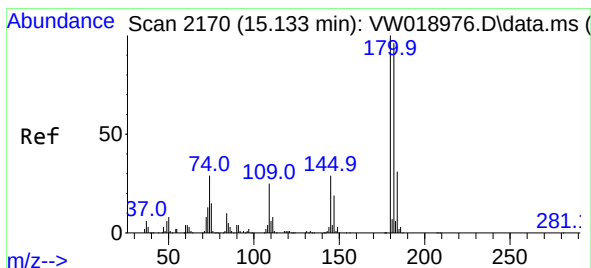
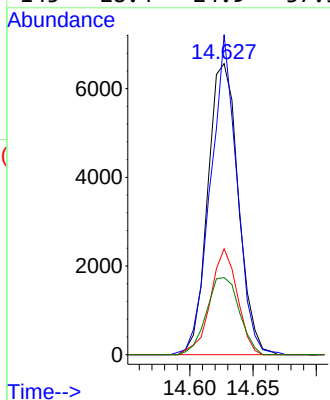
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-06



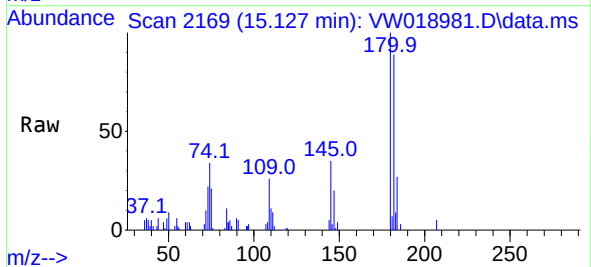
Tgt Ion:	180	Resp:	11016
Ion Ratio	Lower	Upper	
180	100		
182	95.2	73.4	110.2
184	32.0	23.6	35.4
145	28.4	24.9	37.3

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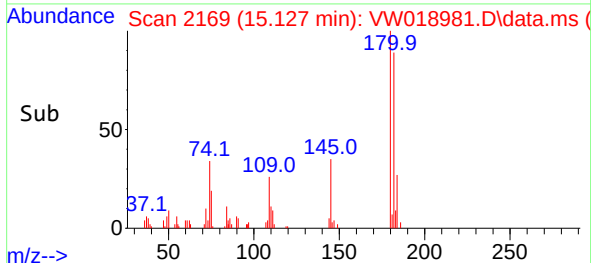
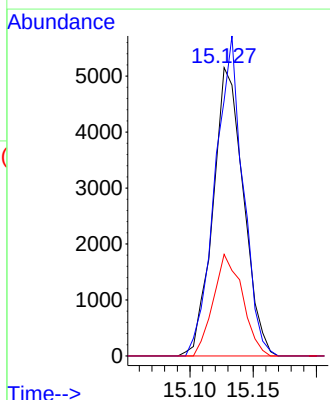
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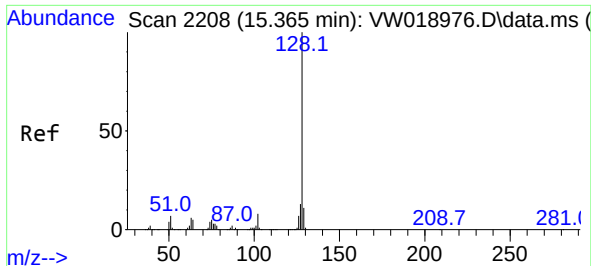


#70
1,2,4-trichlorobenzene
Concen: 0.93 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29

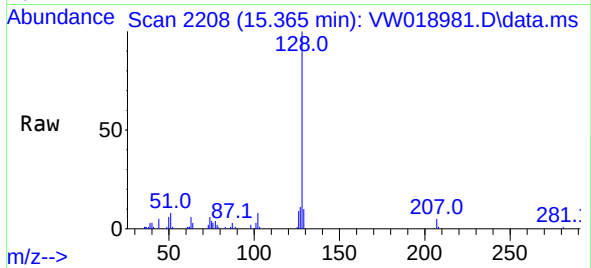


Tgt Ion:	180	Resp:	8641
Ion Ratio	Lower	Upper	
180	100		
182	101.6	74.7	112.1
145	33.7	25.0	37.4

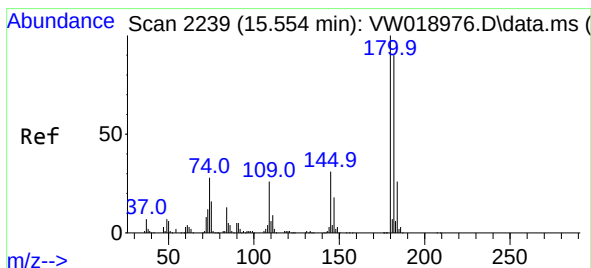
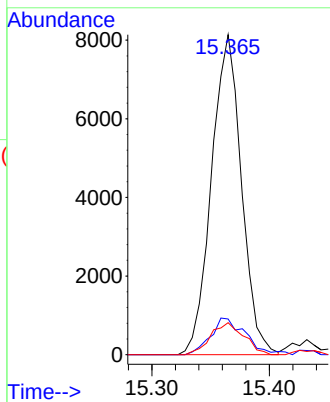
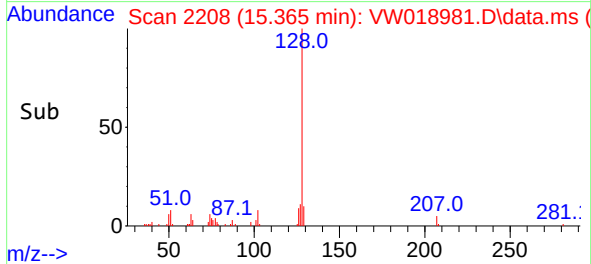




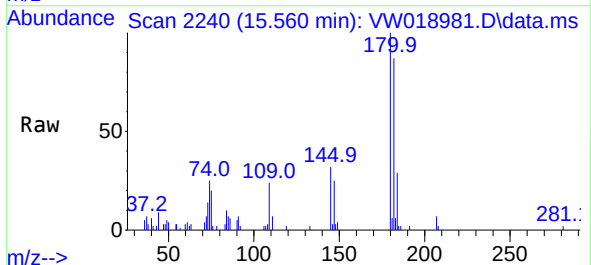
#71
Naphthalene
Concen: 0.88 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



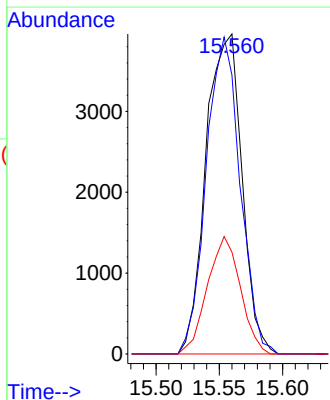
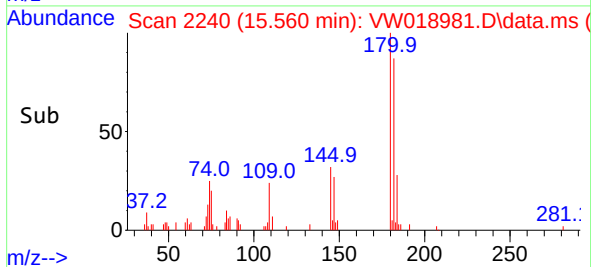
Tgt Ion:	128	Resp:	14431
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.1	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 0.97 ug/L
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW018981.D
Acq: 12 May 2021 17:29



Tgt Ion:	180	Resp:	7806
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.7	115.1
145	33.8	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
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