

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051021\
 Data File : VW018968.D
 Acq On : 10 May 2021 11:06
 Operator : SY/VA
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 11 01:27:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 11 01:26:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	612935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	560379	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264408	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155949	19.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.32%		
7) Chloroethane-d5	2.892	69	128244	21.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.20%		
11) 1,1-Dichloroethene-d2	4.019	63	277875	17.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.20%		
21) 2-Butanone-d5	7.080	46	113177	55.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.52%		
24) Chloroform-d	7.647	84	405677	25.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.88%		
26) 1,2-Dichloroethane-d4	8.305	65	241672	26.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.56%		
32) Benzene-d6	8.275	84	766761	24.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.88%		
36) 1,2-Dichloropropane-d6	9.274	67	236630	25.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.76%		
41) Toluene-d8	10.323	98	700190	23.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.84%		
43) trans-1,3-Dichloroprop...	10.579	79	103456	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.96%		
47) 2-Hexanone-d5	10.921	63	86018	51.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.30%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	198259	24.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	233151	25.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	5955	1.02	ug/L #	88
3) Chloromethane	2.209	50	7238	1.32	ug/L	95
5) Vinyl chloride	2.367	62	10198	1.15	ug/L #	62
6) Bromomethane	2.782	94	6442	1.04	ug/L	94
8) Chloroethane	2.922	64	5873	1.10	ug/L	95
9) Trichlorofluoromethane	3.263	101	6440	0.94	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	10837	1.37	ug/L #	63
12) 1,1-Dichloroethene	4.038	96	10599	1.33	ug/L #	1
13) Acetone	4.129	43	6621	4.22	ug/L	75
14) Carbon disulfide	4.385	76	24258	1.03	ug/L	99
15) Methyl Acetate	4.690	43	3784m	1.18	ug/L	
16) Methylene chloride	4.922	84	42095	4.15	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	8627	1.01	ug/L	92
18) Methyl tert-butyl Ether	5.422	73	11466	0.98	ug/L #	72
19) 1,1-Dichloroethane	6.214	63	16959	1.16	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	9069	1.01	ug/L	91
22) 2-Butanone	7.177	43	8348m	3.84	ug/L	
23) Bromochloromethane	7.513	128	3817	0.96	ug/L	90
25) Chloroform	7.677	83	18429	1.20	ug/L	97

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

27) 1,2-Dichloroethane	8.403	62	11848	1.14	ug/L #	91
29) Cyclohexane	7.958	56	14042	1.05	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	13912	1.12	ug/L	95
31) Carbon tetrachloride	8.067	117	12190	1.08	ug/L	100
33) Benzene	8.323	78	37888	1.13	ug/L	100
34) Trichloroethene	9.092	95	9626	1.08	ug/L	88
35) Methylcyclohexane	9.335	83	15123	0.96	ug/L #	89
37) 1,2-Dichloropropane	9.366	63	8829	1.09	ug/L #	96
38) Bromodichloromethane	9.646	83	11251	1.05	ug/L	89
39) cis-1,3-Dichloropropene	10.073	75	13277	1.03	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	12522	2.49	ug/L #	85
42) Toluene	10.390	91	49442	1.34	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	15942	1.41	ug/L	90
45) 1,1,2-Trichloroethane	10.786	97	6573	1.02	ug/L	96
46) Tetrachloroethene	10.866	164	8041	1.19	ug/L	95
48) 2-Hexanone	10.969	43	7713	2.36	ug/L	99
49) Dibromochloromethane	11.128	129	6563	0.94	ug/L	95
50) 1,2-Dibromoethane	11.231	107	5892	0.95	ug/L	91
51) Chlorobenzene	11.652	112	24306	1.08	ug/L	95
52) Ethylbenzene	11.731	91	42041	1.03	ug/L	99
53) m,p-Xylene	11.841	106	15323	1.01	ug/L	91
54) o-Xylene	12.164	106	13773	0.95	ug/L	90
55) Styrene	12.183	104	22272	0.91	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	8491	1.09	ug/L #	95
59) Bromoform	12.347	173	3177	0.87	ug/L #	92
60) Isopropylbenzene	12.463	105	37965	1.01	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	6204	1.11	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	31204	0.99	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	31582	1.00	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	16970	1.07	ug/L	81
65) 1,4-Dichlorobenzene	13.579	146	18409	1.15	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	16785	1.16	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	12424	1.08	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	10057	1.05	ug/L	99
71) Naphthalene	15.359	128	17778	0.88	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8729	1.04	ug/L	99

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

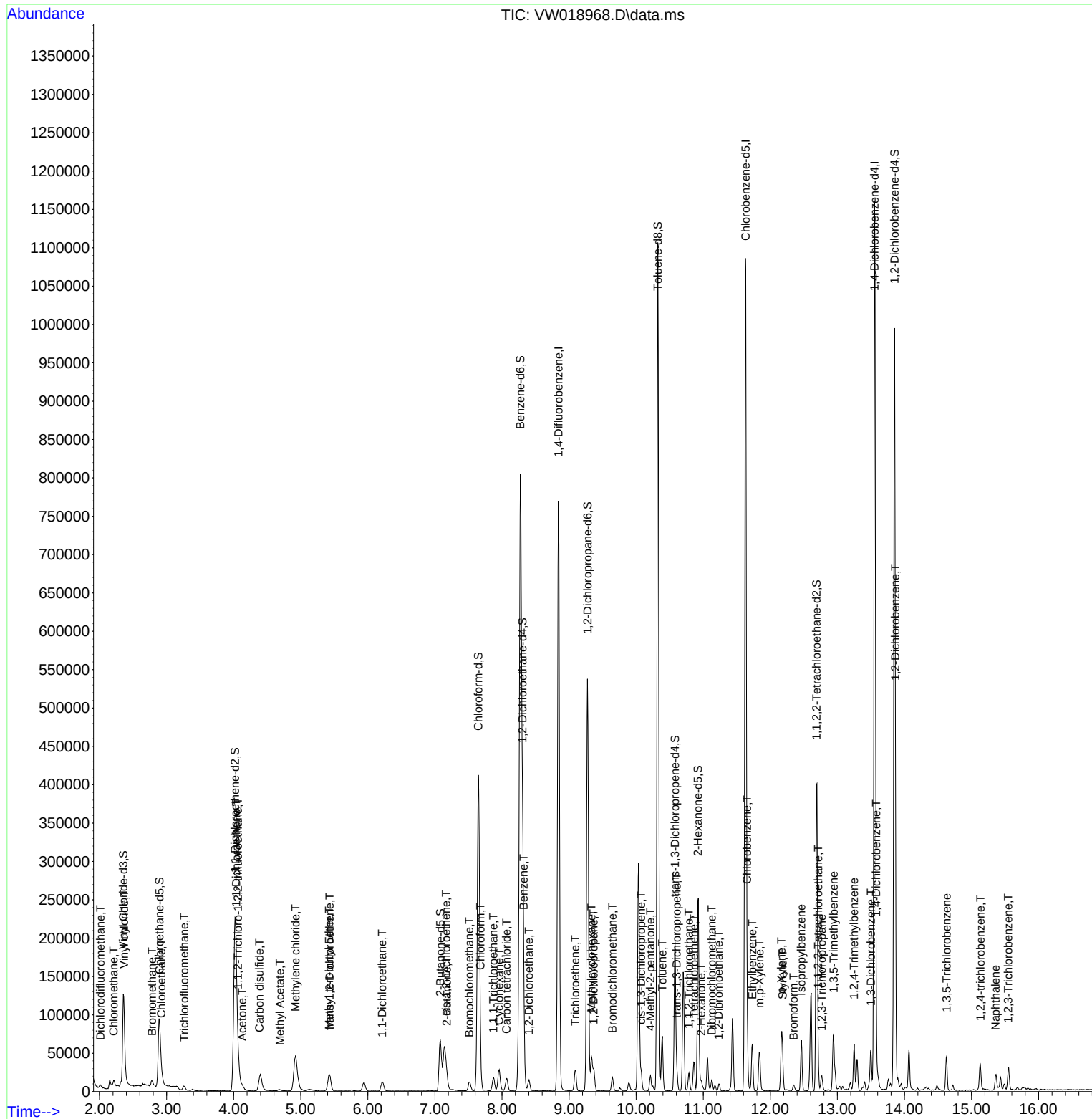
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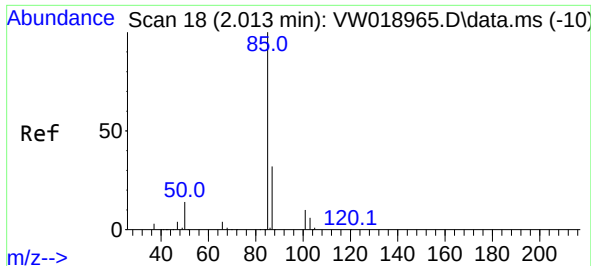
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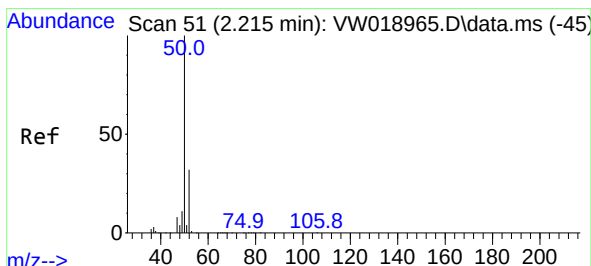
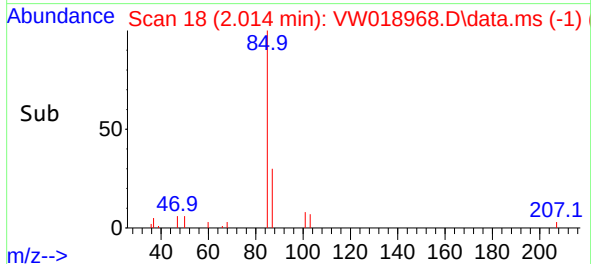
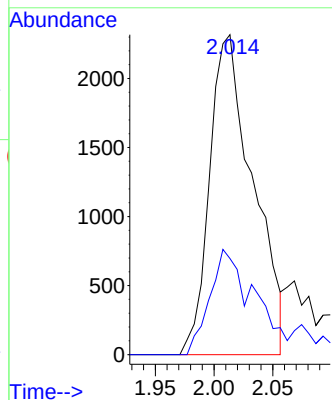
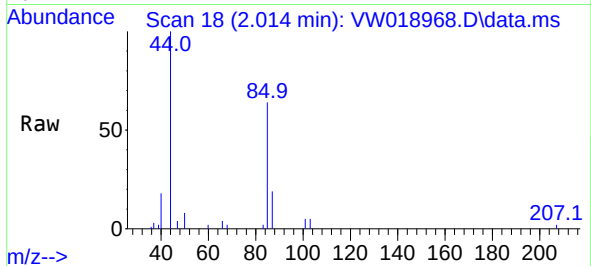
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Dichlorodifluoromethane
Concen: 1.02 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 85 Resp: 5955
Ion Ratio Lower Upper
85 100
87 22.7 23.3 34.9#

Instrument :
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ClientSampleId :
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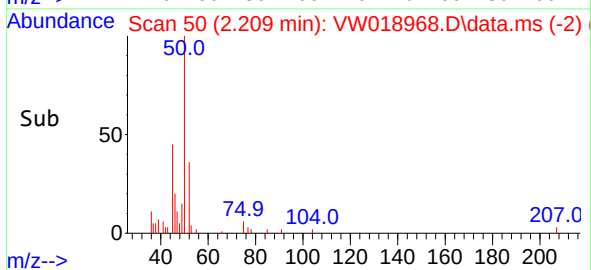
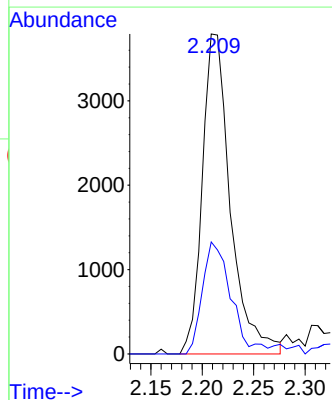
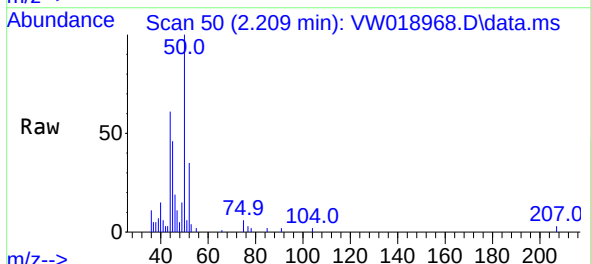
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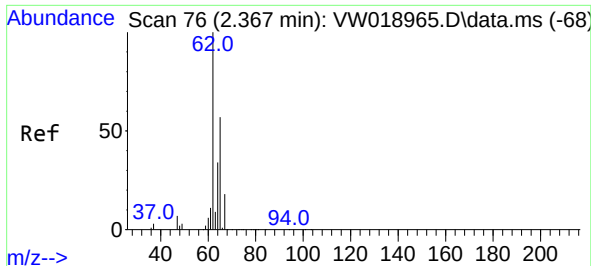
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#3
Chloromethane
Concen: 1.32 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 50 Resp: 7238
Ion Ratio Lower Upper
50 100
52 35.0 22.5 41.9





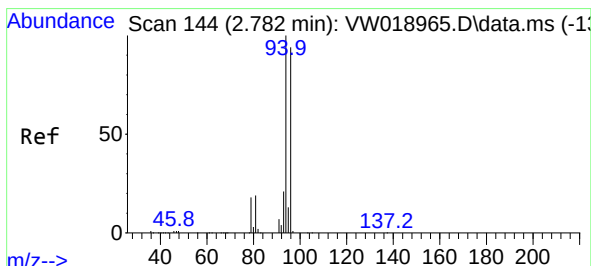
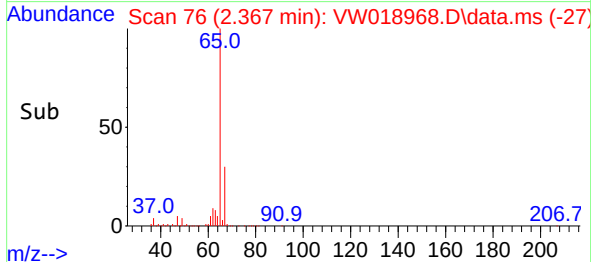
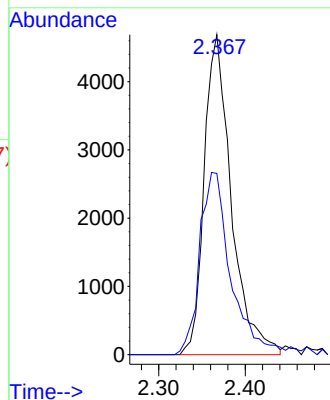
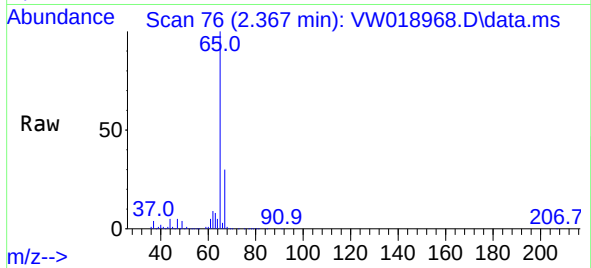
#5
 Vinyl chloride
 Concen: 1.15 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018968.D
 Acq: 10 May 2021 11:06

Tgt Ion: 62 Resp: 10198
 Ion Ratio Lower Upper
 62 100
 64 56.7 24.2 45.0#

Instrument :
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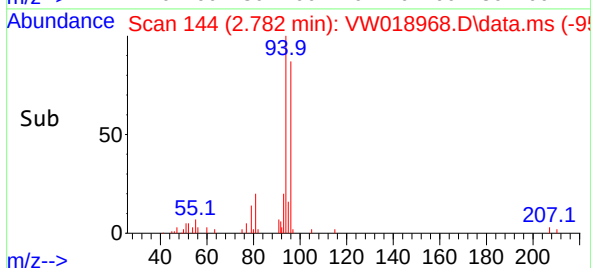
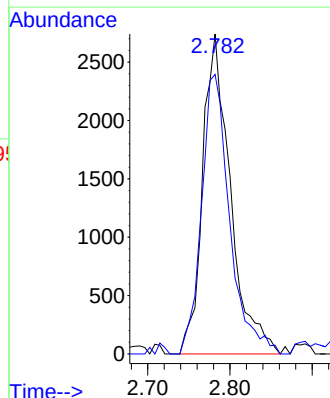
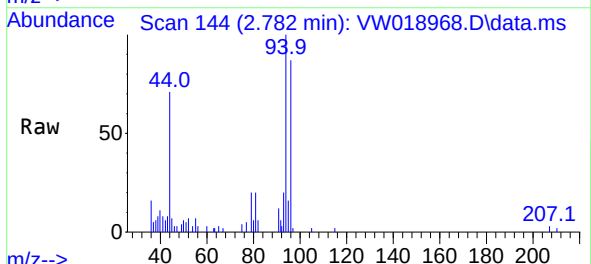
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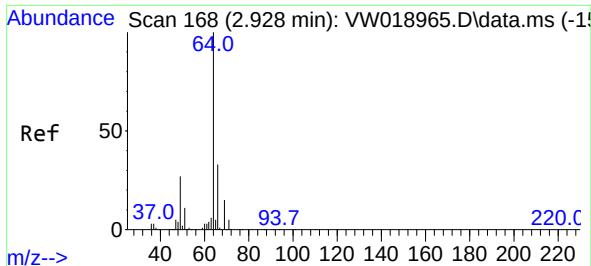
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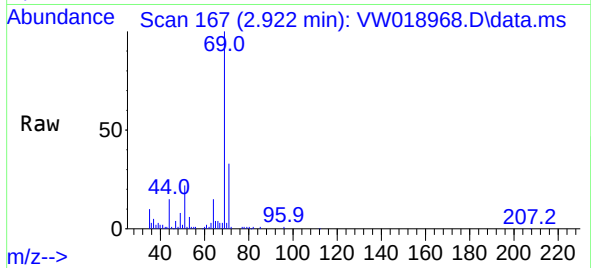
#6
 Bromomethane
 Concen: 1.04 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018968.D
 Acq: 10 May 2021 11:06

Tgt Ion: 94 Resp: 6442
 Ion Ratio Lower Upper
 94 100
 96 87.4 65.3 121.3

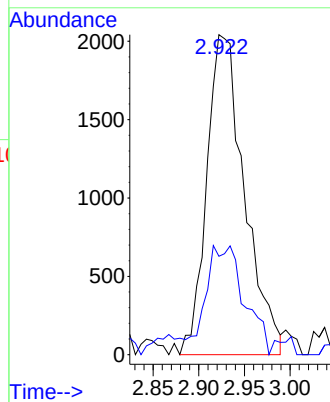
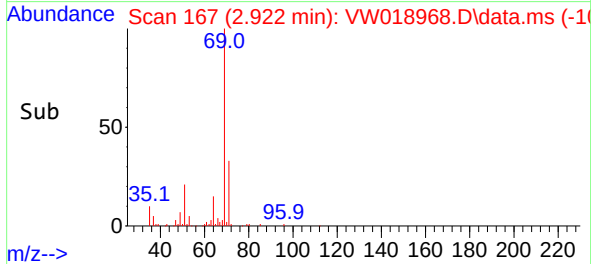




#8
Chloroethane
Concen: 1.10 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



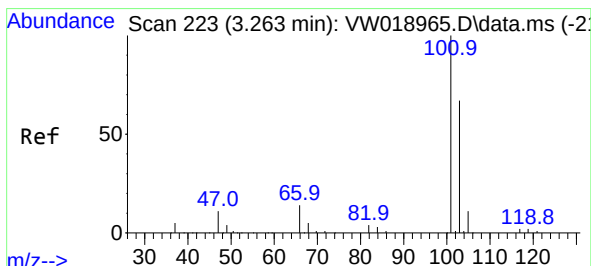
Tgt Ion: 64 Resp: 5873
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



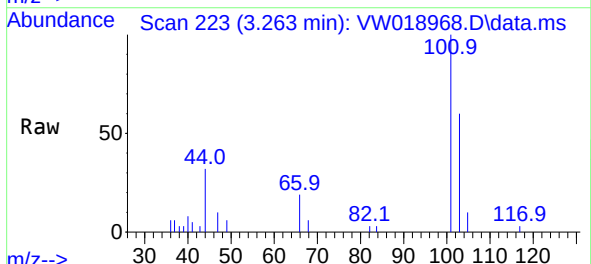
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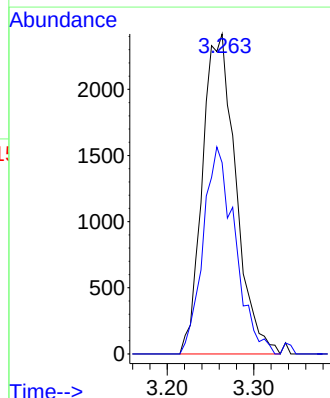
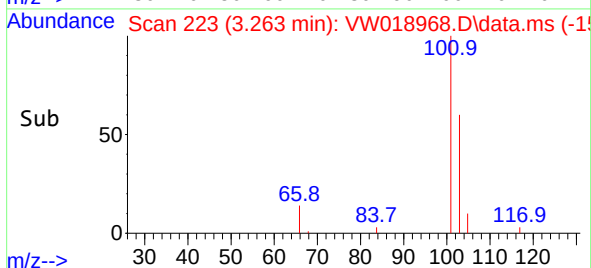
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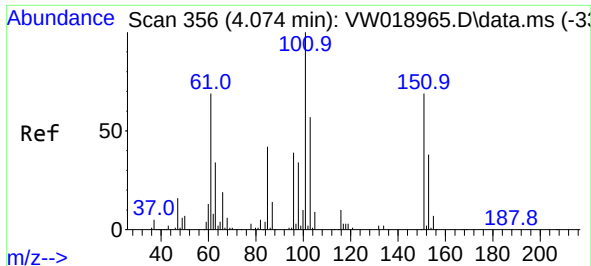


#9
Trichlorofluoromethane
Concen: 0.94 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



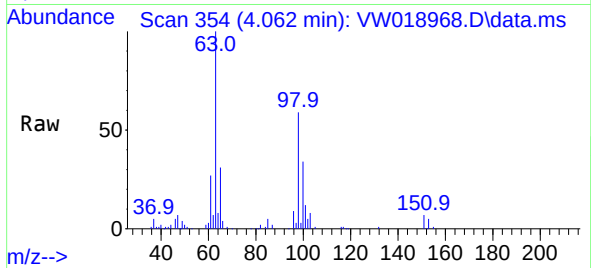
Tgt Ion: 101 Resp: 6440
Ion Ratio Lower Upper
101 100
103 62.2 51.0 76.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.37 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.012 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

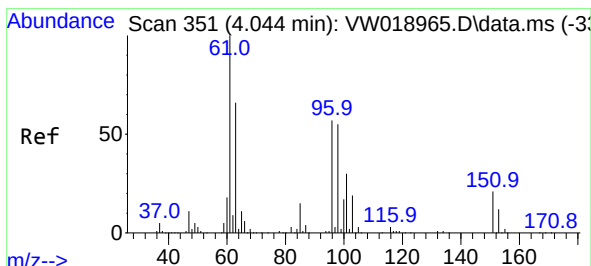
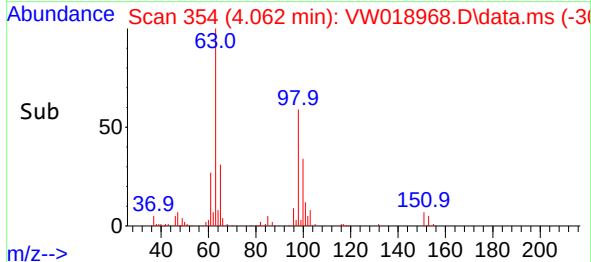
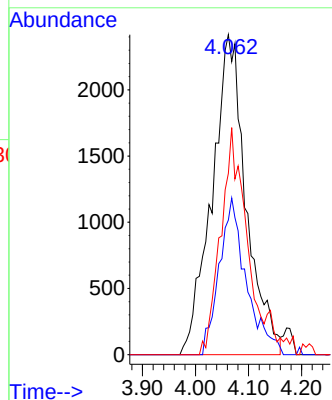
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Tgt Ion:101 Resp: 10837
Ion Ratio Lower Upper
101 100
85 35.1 38.2 57.2#
151 30.0 56.6 85.0#

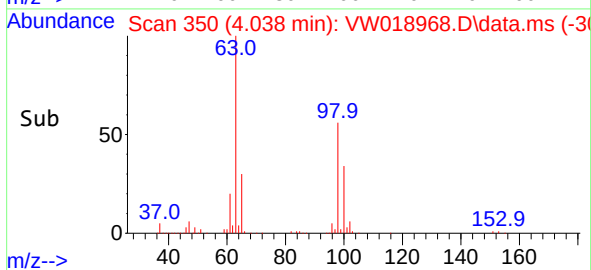
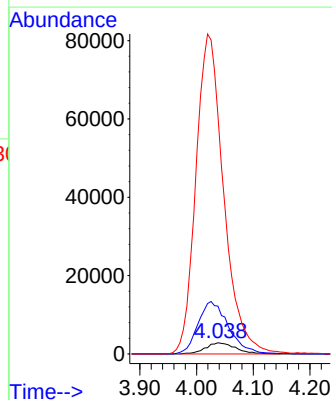
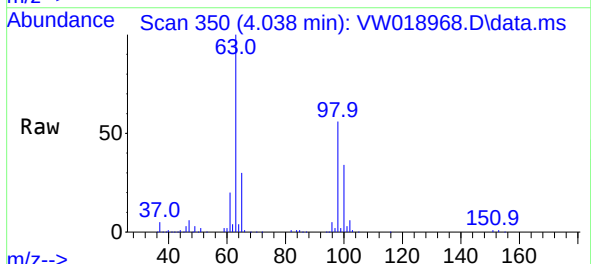
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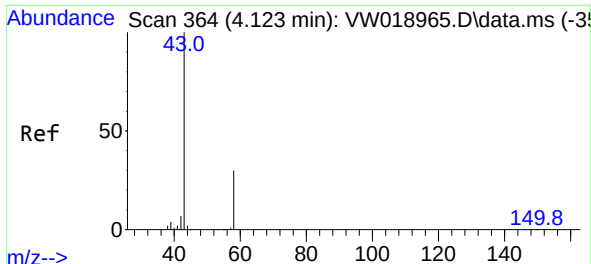
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#12
1,1-Dichloroethene
Concen: 1.33 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

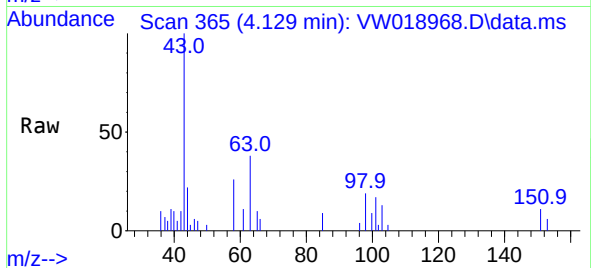
Tgt Ion: 96 Resp: 10599
Ion Ratio Lower Upper
96 100
61 426.6 118.1 219.3#
63 2127.9 83.7 155.5#





#13
Acetone
Concen: 4.22 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

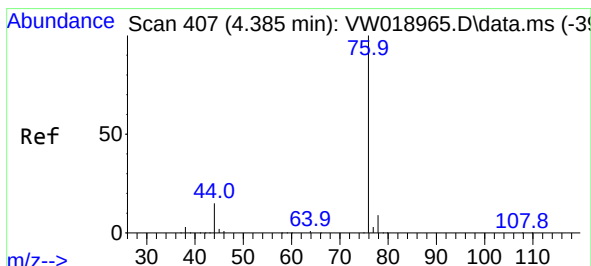
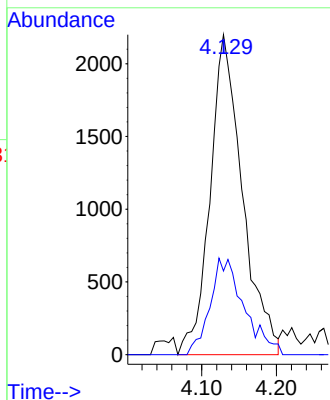
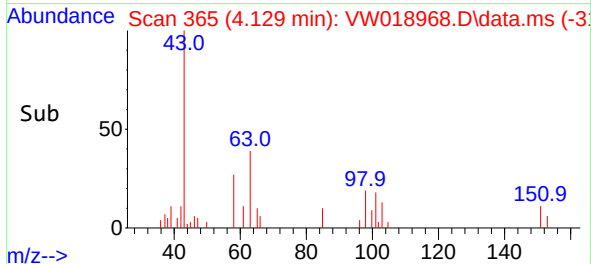
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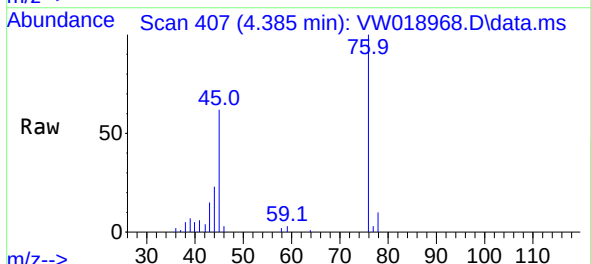
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Ion Ratio Lower Upper
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58 14.0 0.0 53.8

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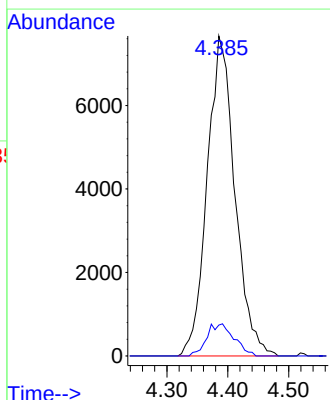
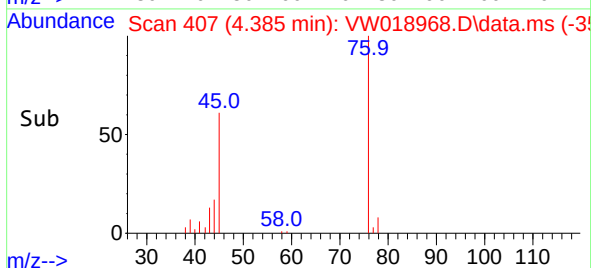
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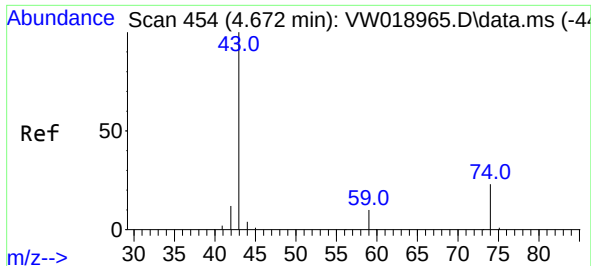


#14
Carbon disulfide
Concen: 1.03 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion: 76 Resp: 24258
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0





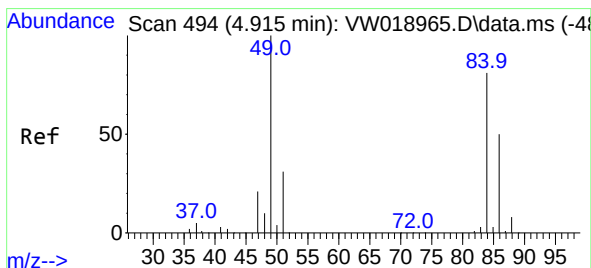
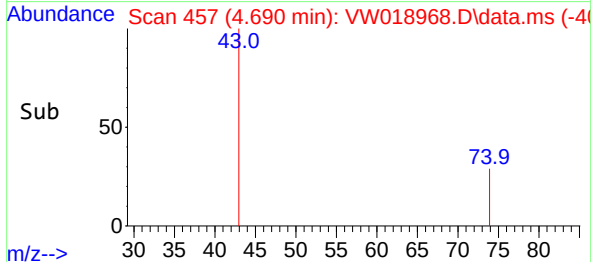
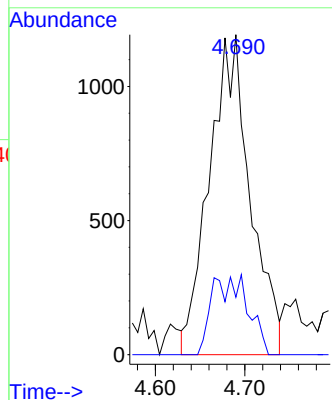
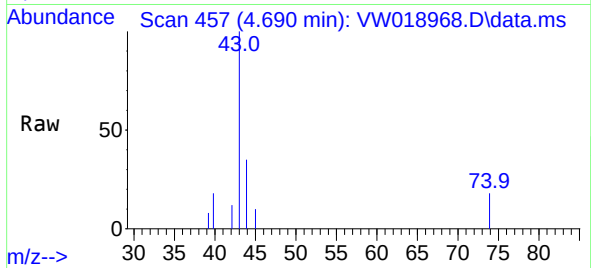
#15
Methyl Acetate
Concen: 1.18 ug/L m
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 43 Resp: 3784
Ion Ratio Lower Upper
43 100
74 9.4 20.0 30.0#

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

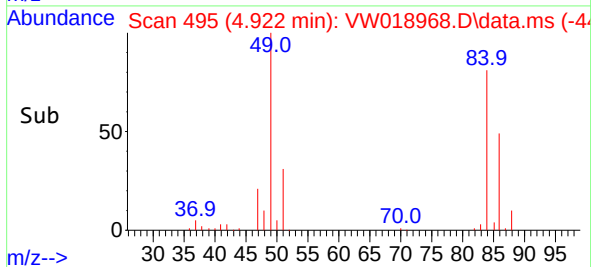
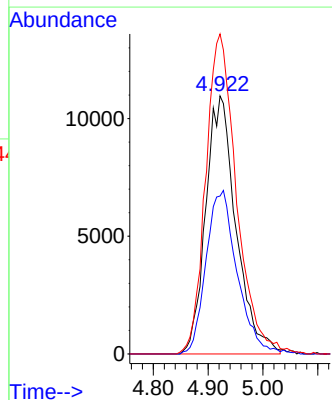
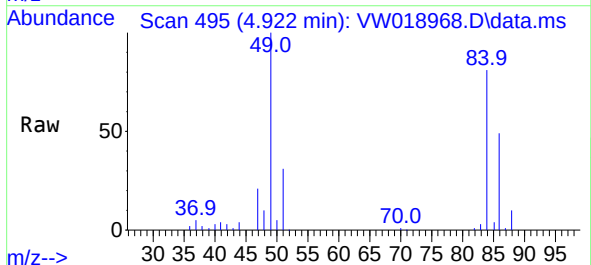
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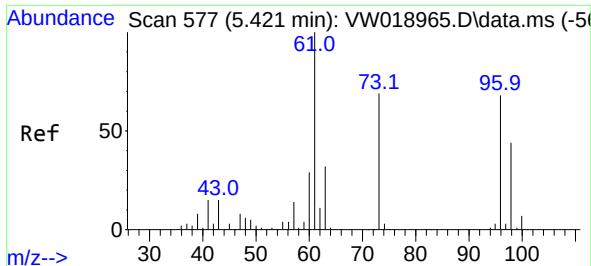
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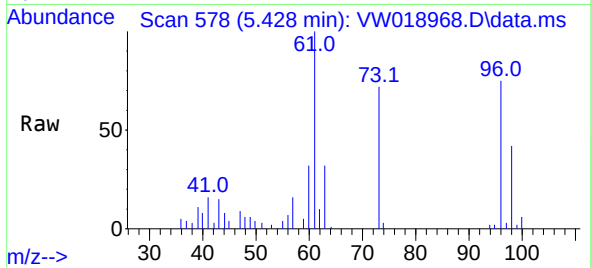
#16
Methylene chloride
Concen: 4.15 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 84 Resp: 42095
Ion Ratio Lower Upper
84 100
86 61.2 45.3 84.1
49 124.0 86.6 160.8

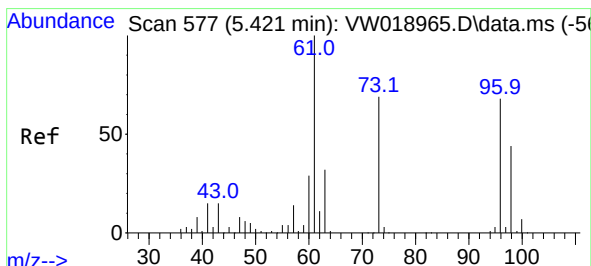
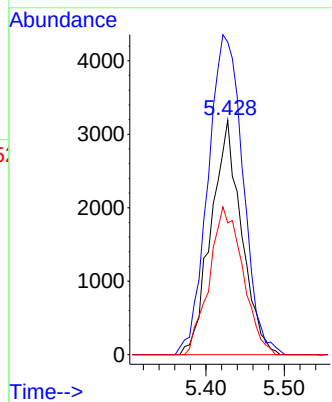
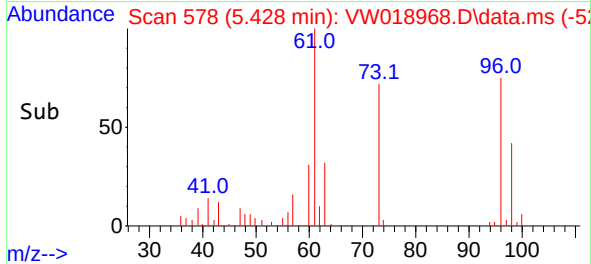




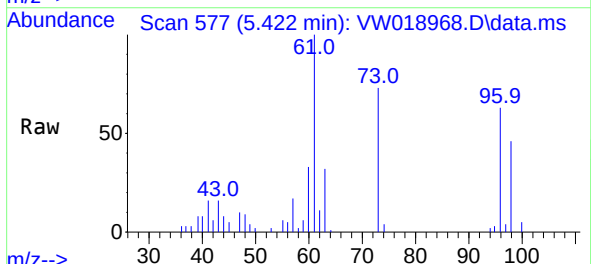
#17
trans-1,2-Dichloroethene
Concen: 1.01 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



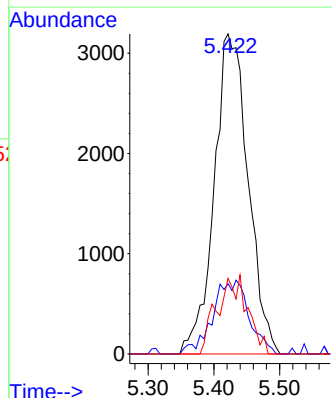
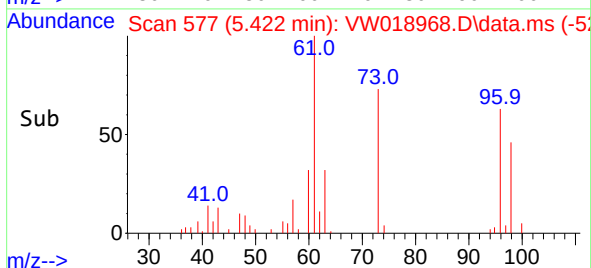
Tgt Ion: 96 Resp: 8627
Ion Ratio Lower Upper
96 100
61 133.3 98.3 182.7
98 56.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 0.98 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



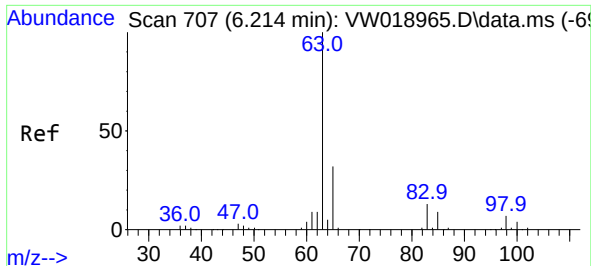
Tgt Ion: 73 Resp: 11466
Ion Ratio Lower Upper
73 100
43 11.6 17.7 26.5#
57 4.7 17.0 25.4#



Instrument :
MSVOA_W
ClientSampleId :
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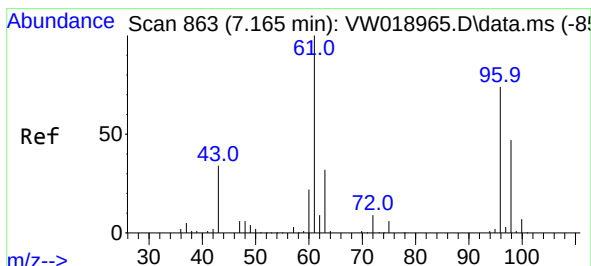
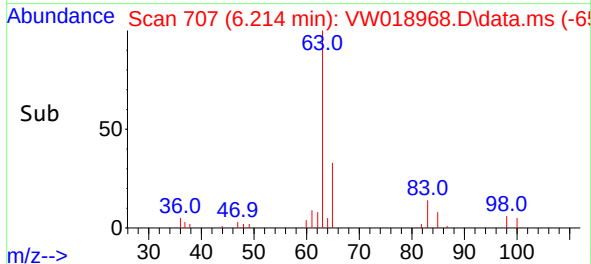
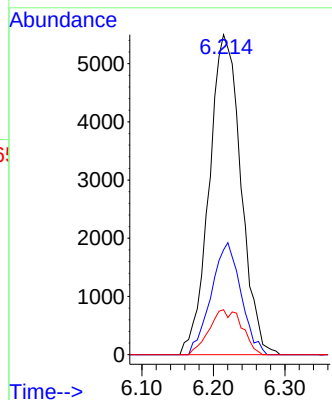
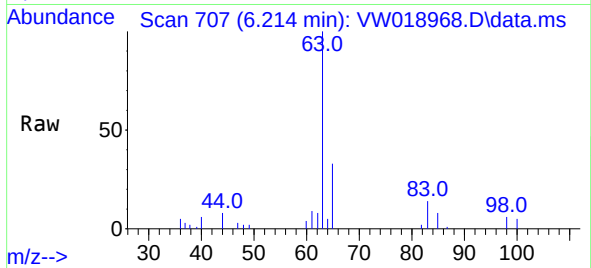
#19
1,1-Dichloroethane
Concen: 1.16 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	63	Resp:	16959
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.9	42.5
83	14.0	10.2	19.0

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

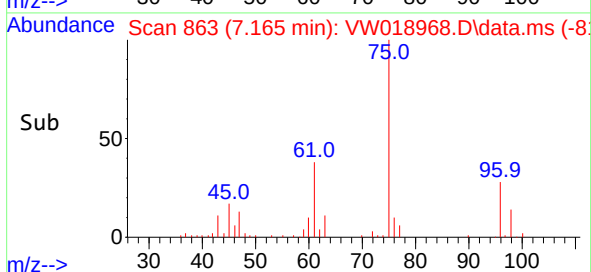
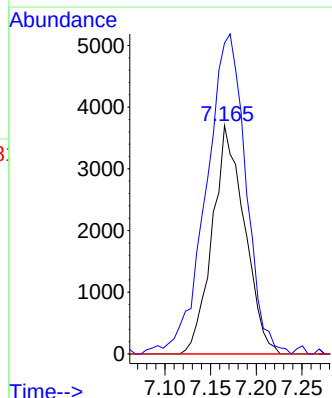
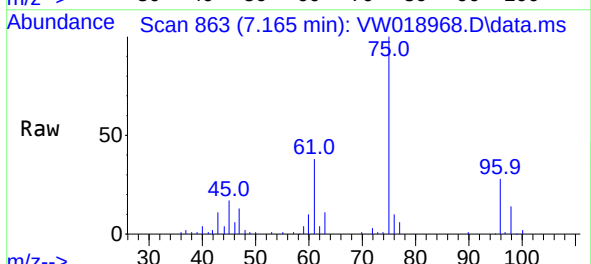
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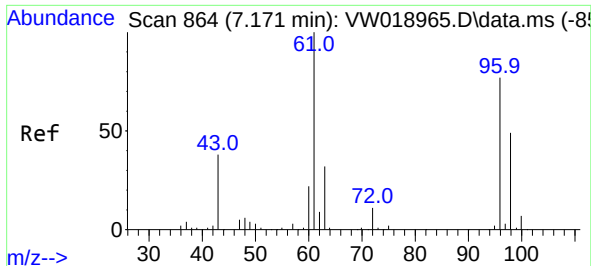
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#20
cis-1,2-Dichloroethene
Concen: 1.01 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	96	Resp:	9069
Ion	Ratio	Lower	Upper
96	100		
61	136.2	88.5	164.3
68	0.0	0.0	0.0





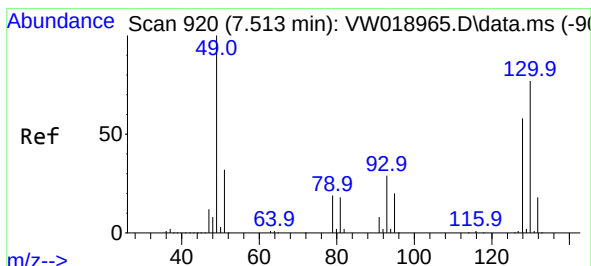
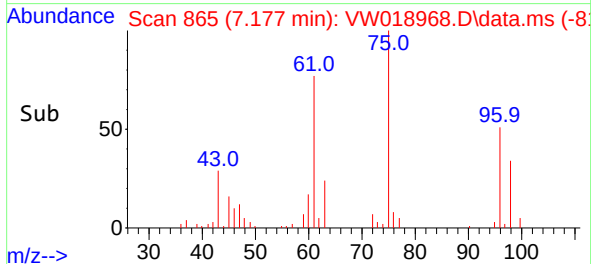
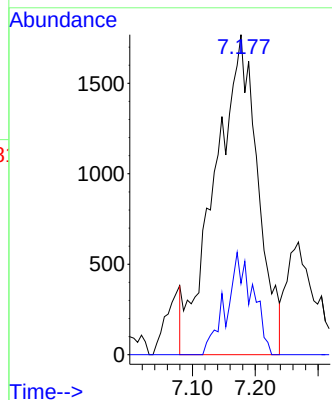
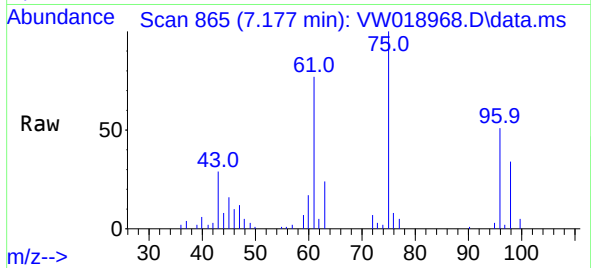
#22
2-Butanone
Concen: 3.84 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 43 Resp: 8348
Ion Ratio Lower Upper
43 100
72 1.9 14.9 44.7#

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

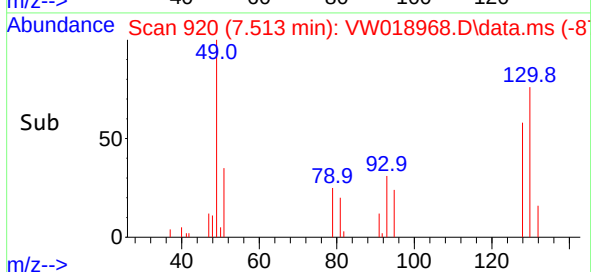
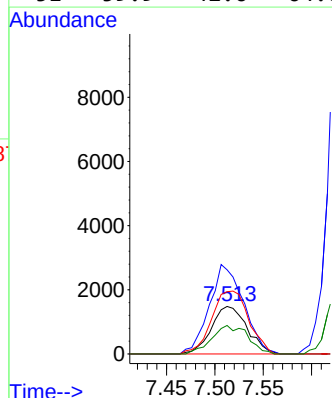
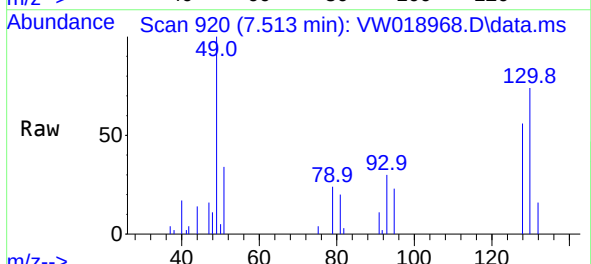
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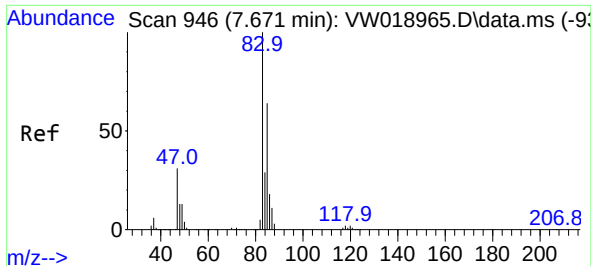
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#23
Bromochloromethane
Concen: 0.96 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

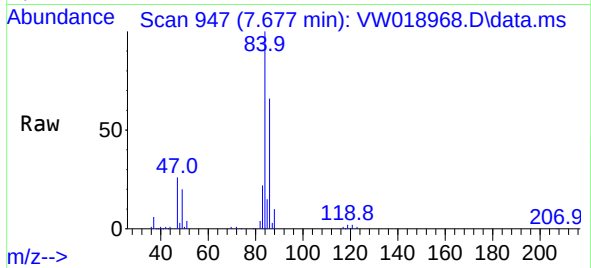
Tgt Ion: 128 Resp: 3817
Ion Ratio Lower Upper
128 100
49 177.1 116.3 215.9
130 130.8 82.4 153.0
51 59.9 42.6 64.0





#25
Chloroform
Concen: 1.20 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

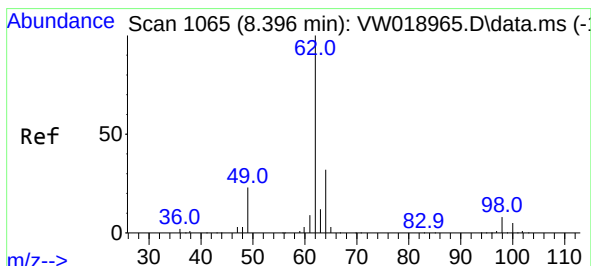
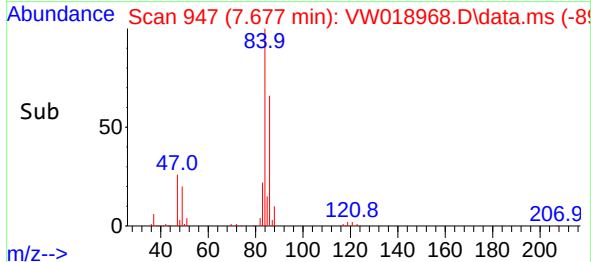
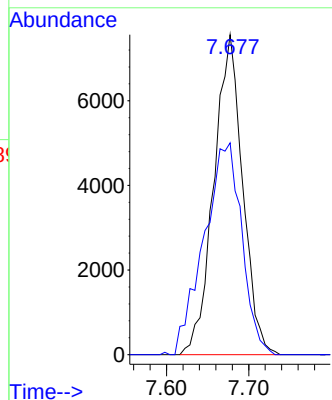
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion: 83 Resp: 18429
Ion Ratio Lower Upper
83 100
85 66.2 44.6 82.8

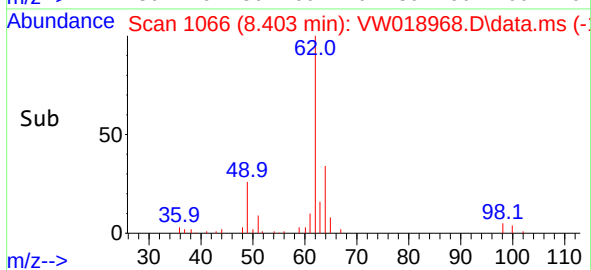
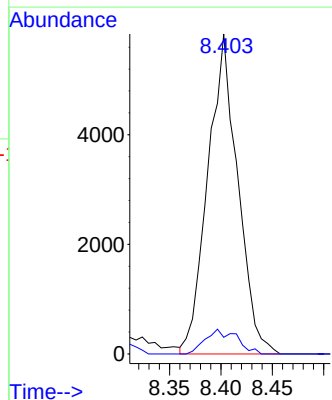
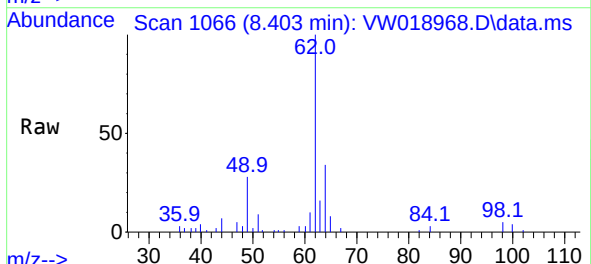
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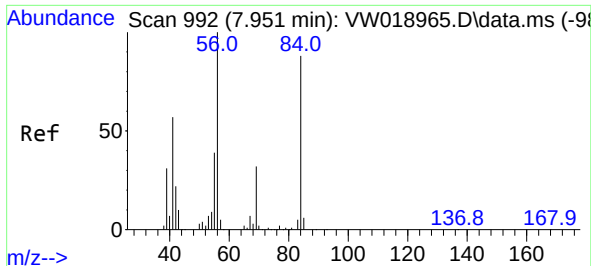
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#27
1,2-Dichloroethane
Concen: 1.14 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

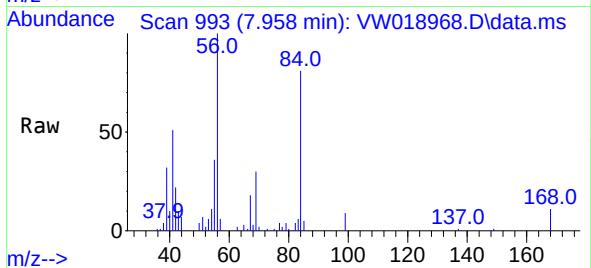
Tgt Ion: 62 Resp: 11848
Ion Ratio Lower Upper
62 100
98 5.2 6.9 10.3#





#29
Cyclohexane
Concen: 1.05 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

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

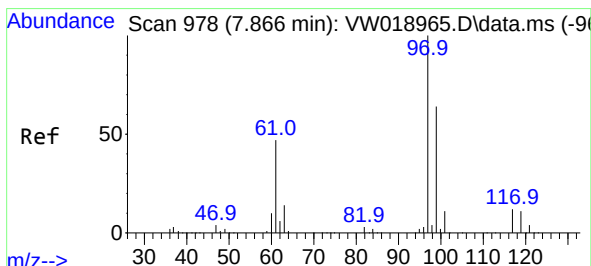
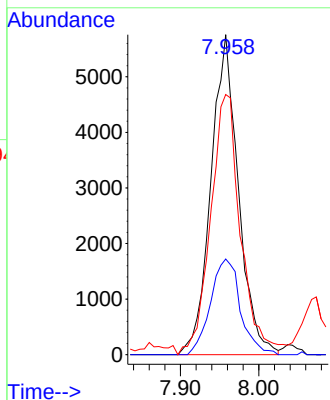
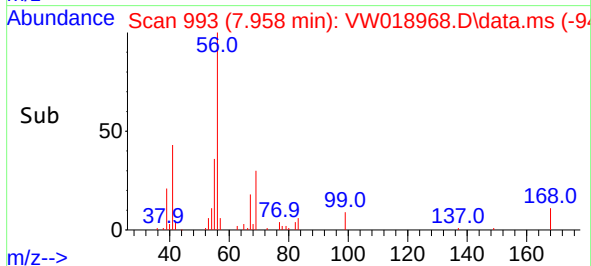


Tgt Ion: 56 Resp: 14042

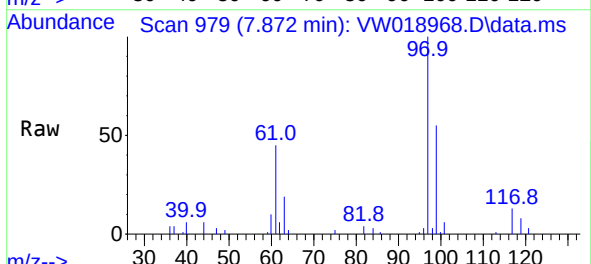
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.5	36.7
84	89.0	75.0	112.4

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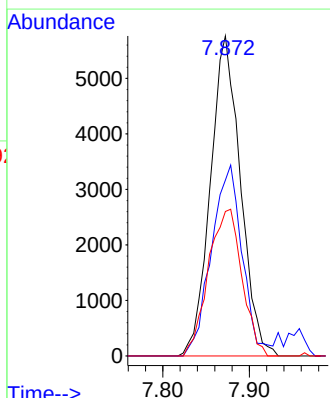
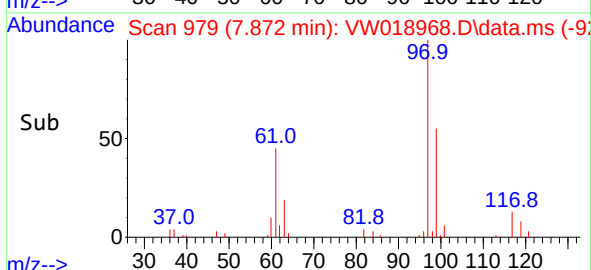


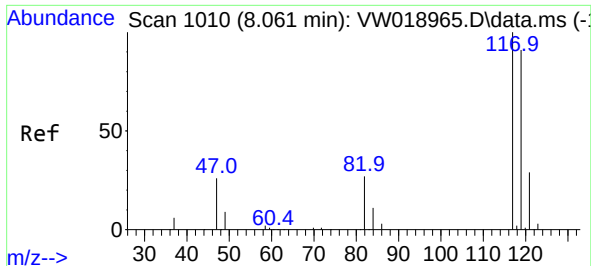
#30
1,1,1-Trichloroethane
Concen: 1.12 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion: 97 Resp: 13912

Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.4	77.2
61	51.1	37.8	56.6





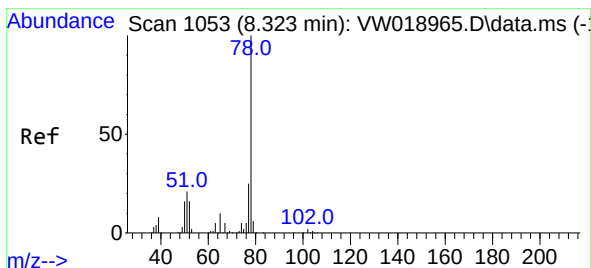
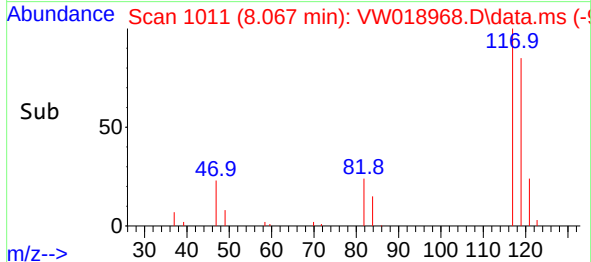
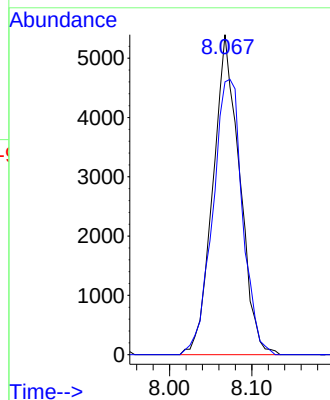
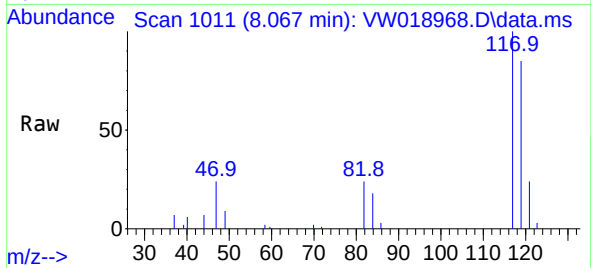
#31
Carbon tetrachloride
Concen: 1.08 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 117 Resp: 12190
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7

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

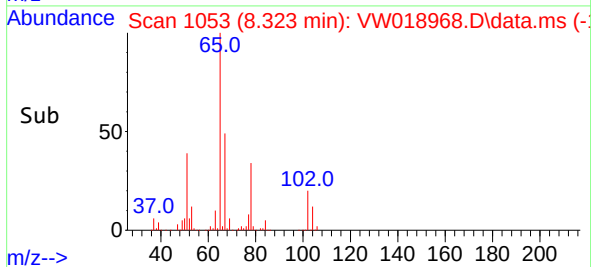
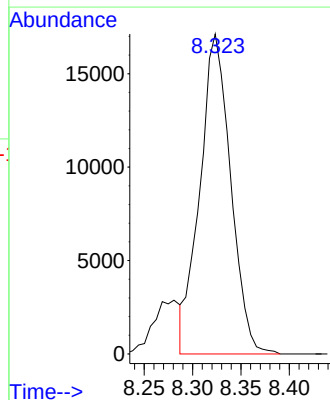
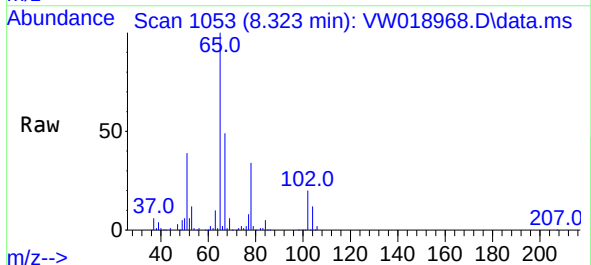
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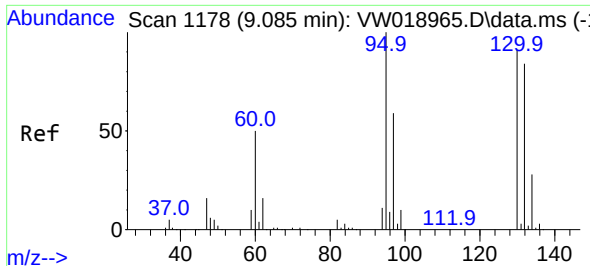
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#33
Benzene
Concen: 1.13 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 78 Resp: 37888





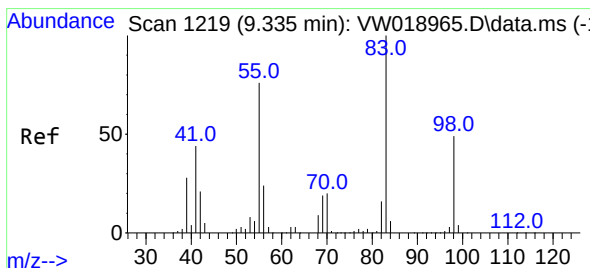
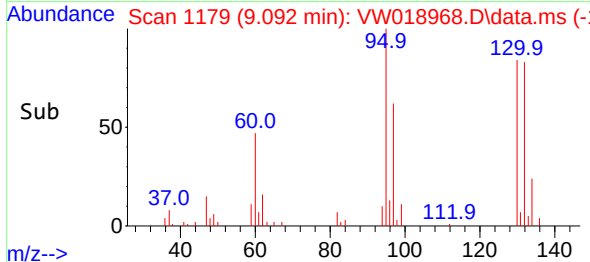
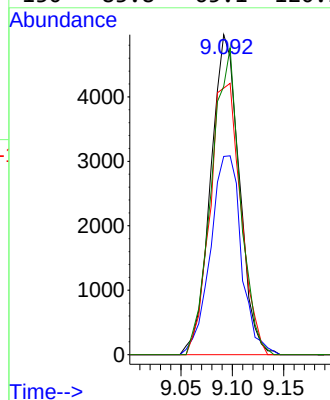
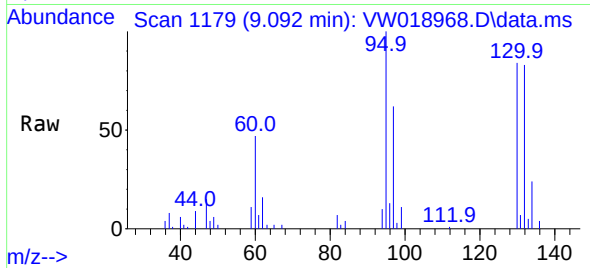
#34
Trichloroethene
Concen: 1.08 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	95	Resp:	9626
Ion	Ratio	Lower	Upper
95	100		
97	62.0	47.3	87.8
132	83.3	71.0	131.8
130	83.8	65.1	120.9

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

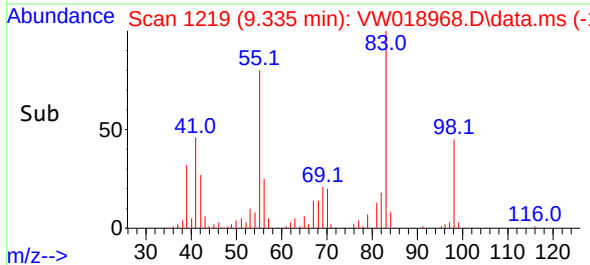
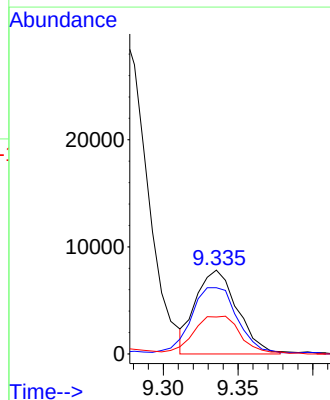
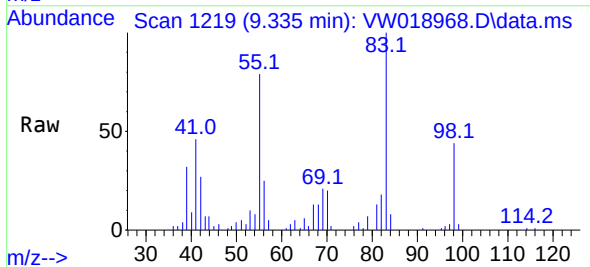
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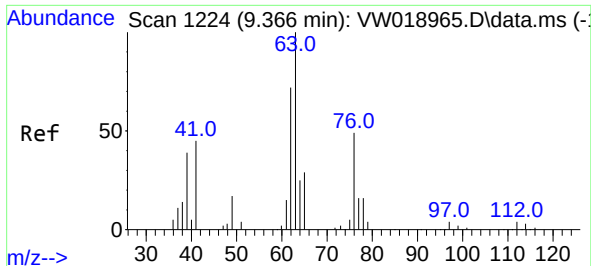
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#35
Methylcyclohexane
Concen: 0.96 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	83	Resp:	15123
Ion	Ratio	Lower	Upper
83	100		
55	88.8	58.9	88.3#
98	51.1	40.1	60.1





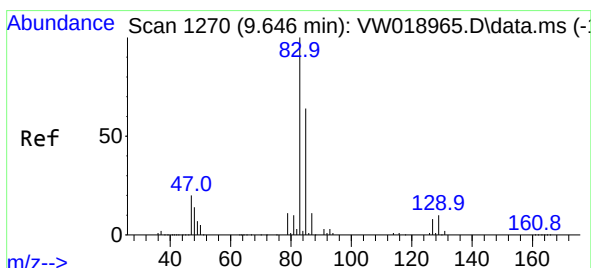
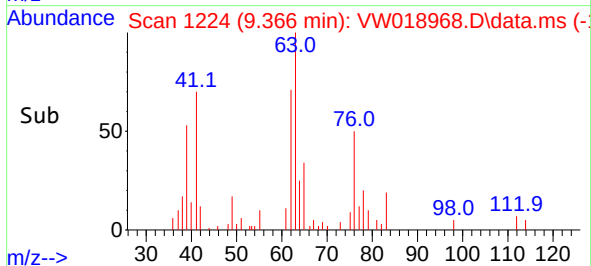
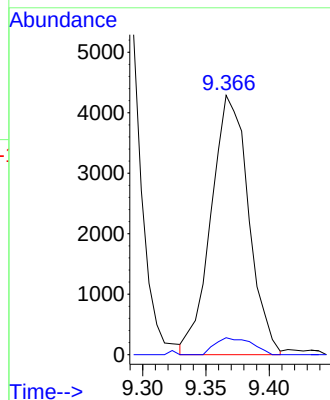
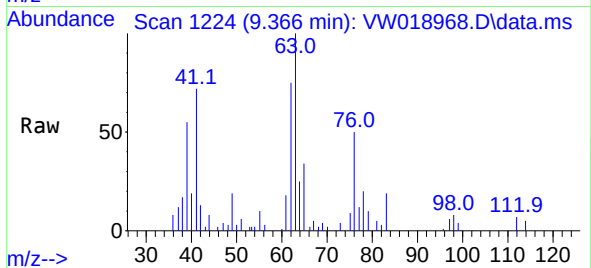
#37
1,2-Dichloropropane
Concen: 1.09 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 63 Resp: 8829
Ion Ratio Lower Upper
63 100
112 6.4 3.9 5.9#

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

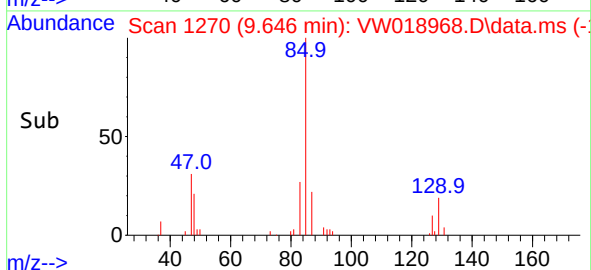
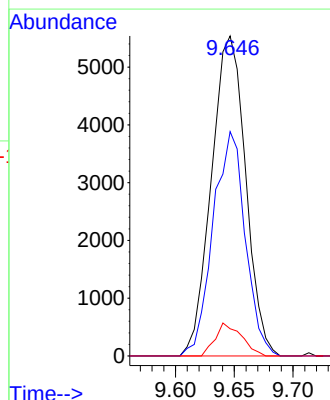
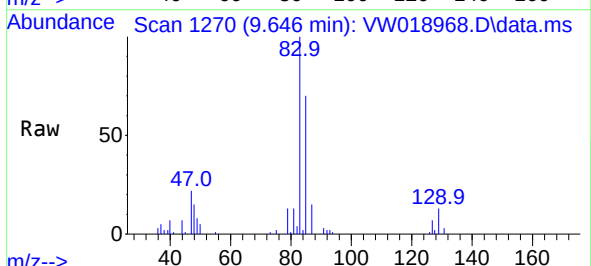
Manual Integrations
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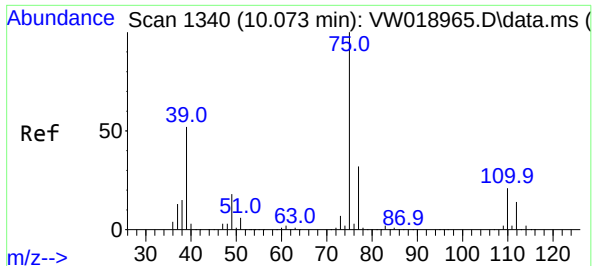
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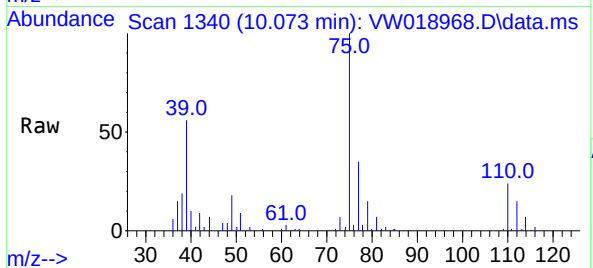
#38
Bromodichloromethane
Concen: 1.05 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 83 Resp: 11251
Ion Ratio Lower Upper
83 100
85 70.1 42.3 78.5
127 8.5 6.6 9.8

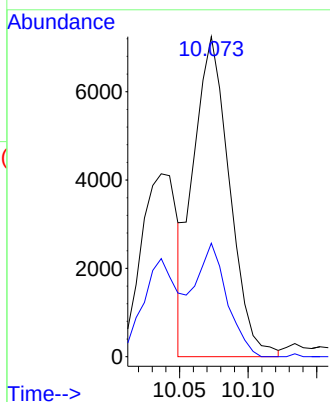
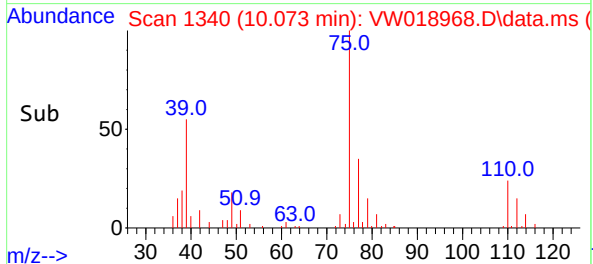




#39
cis-1,3-Dichloropropene
Concen: 1.03 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



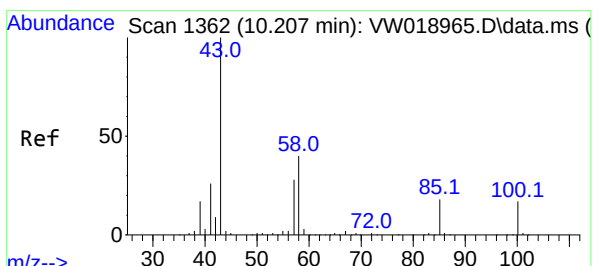
Tgt Ion: 75 Resp: 13277
Ion Ratio Lower Upper
75 100
77 35.5 22.6 42.0



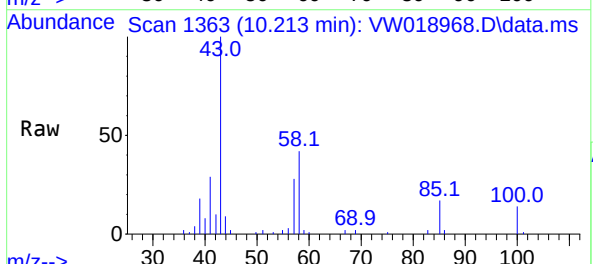
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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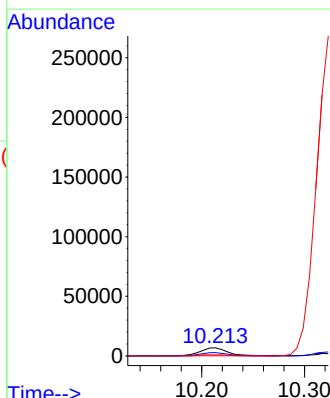
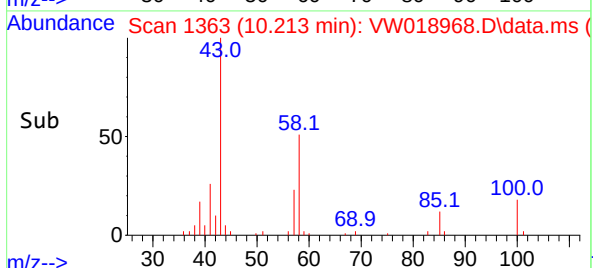
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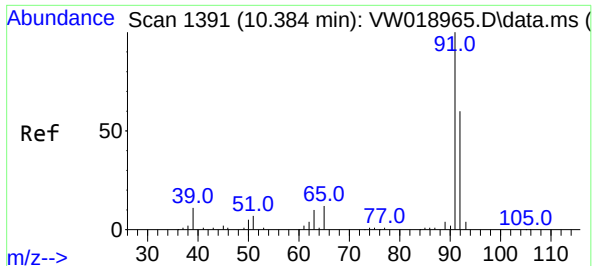


#40
4-Methyl-2-pentanone
Concen: 2.49 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion: 43 Resp: 12522
Ion Ratio Lower Upper
43 100
58 42.2 31.0 46.4
100 0.0 13.0 19.6#





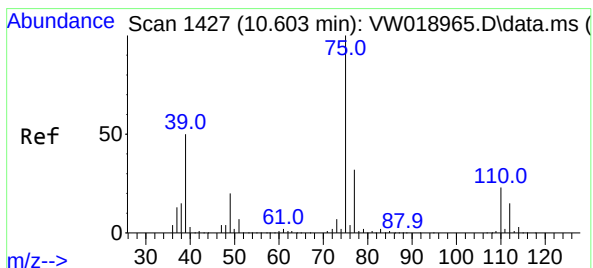
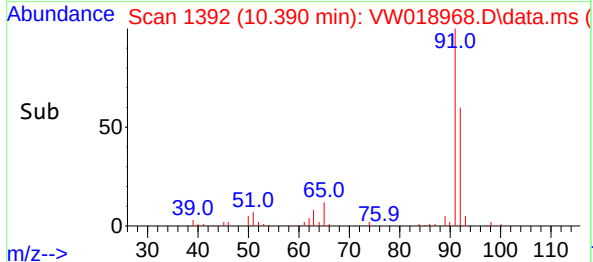
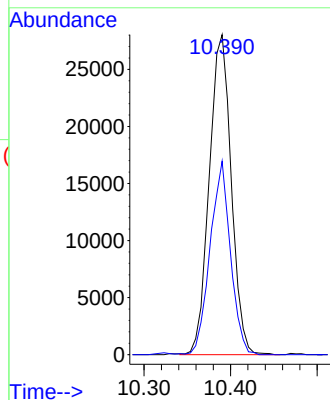
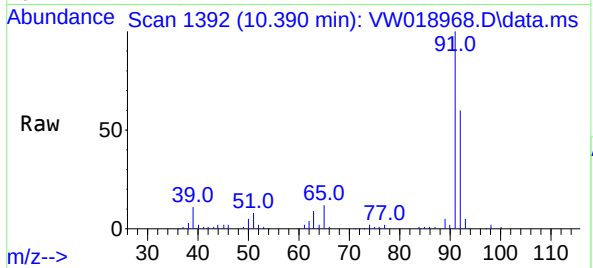
#42
Toluene
Concen: 1.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 91 Resp: 49442
Ion Ratio Lower Upper
91 100
92 60.5 39.5 73.3

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

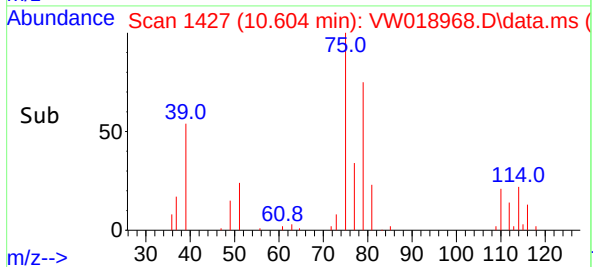
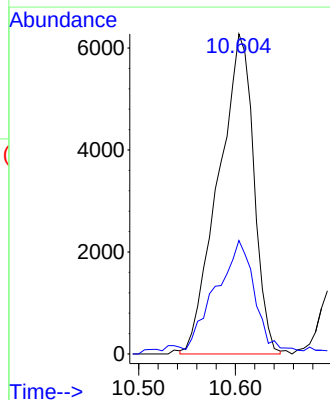
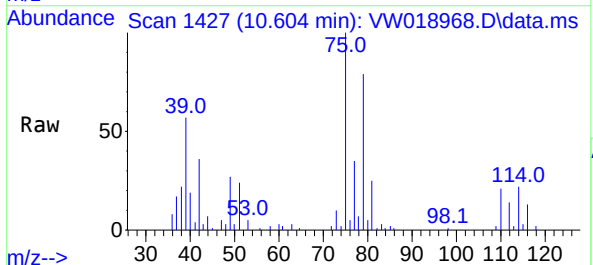
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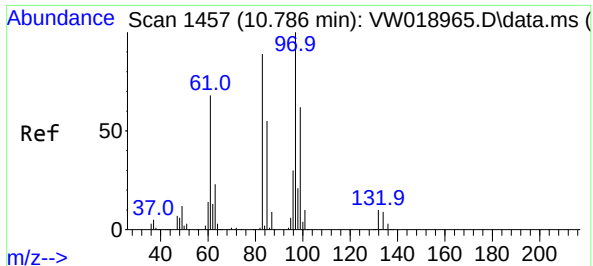
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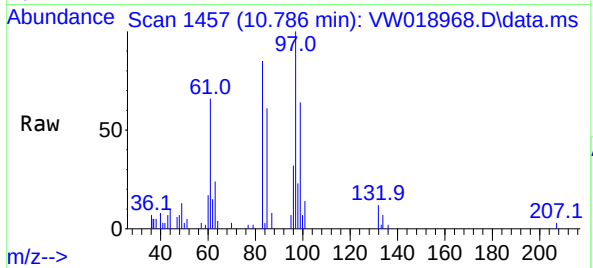
#44
trans-1,3-Dichloropropene
Concen: 1.41 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 75 Resp: 15942
Ion Ratio Lower Upper
75 100
77 35.5 21.1 39.1

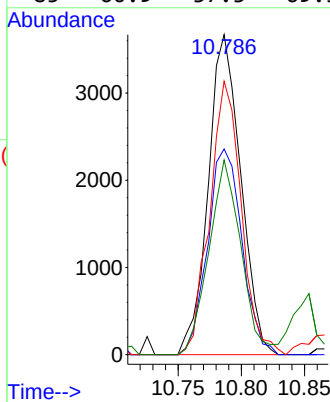
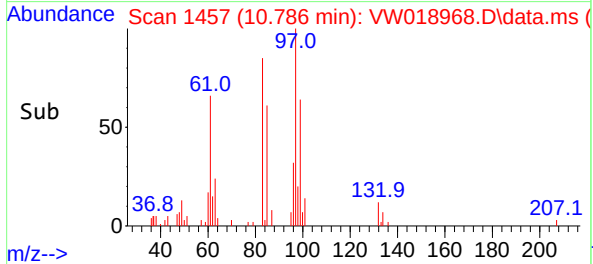




#45
1,1,2-Trichloroethane
Concen: 1.02 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



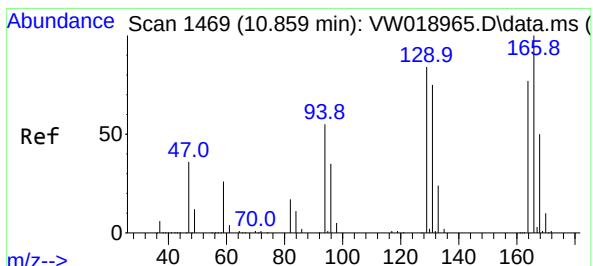
Tgt Ion:	97	Resp:	6573
Ion	Ratio	Lower	Upper
97	100		
99	64.3	45.1	83.7
83	85.4	58.1	107.9
85	60.9	37.3	69.3



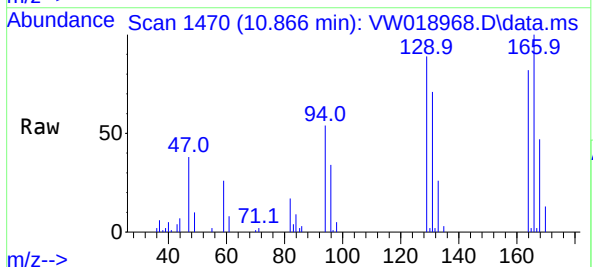
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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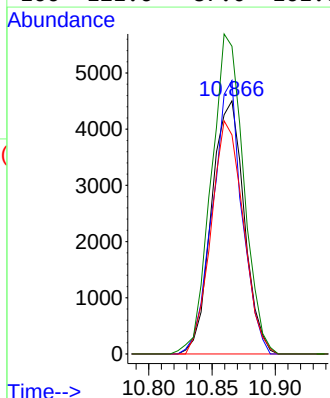
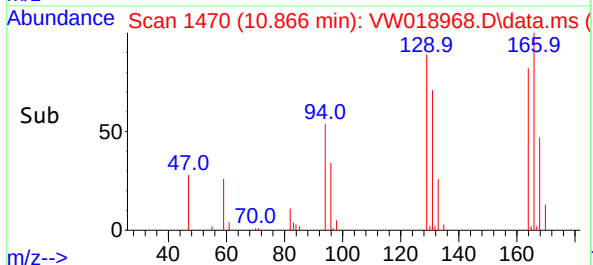
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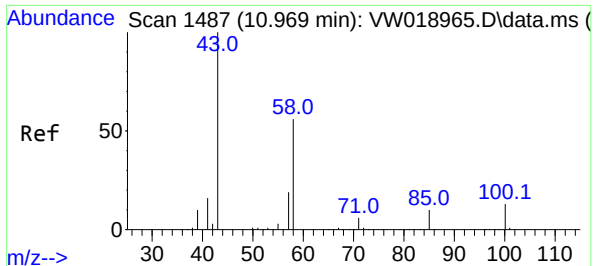


#46
Tetrachloroethene
Concen: 1.19 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

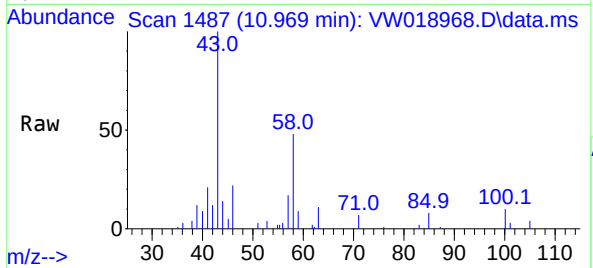


Tgt Ion:	164	Resp:	8041
Ion	Ratio	Lower	Upper
164	100		
129	108.0	66.7	123.9
131	86.5	61.1	113.5
166	121.6	87.0	161.6

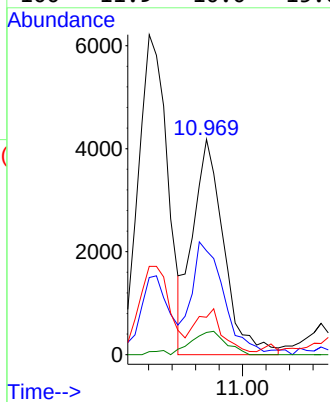
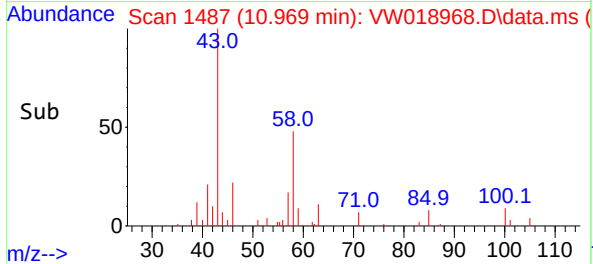




#48
2-Hexanone
Concen: 2.36 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



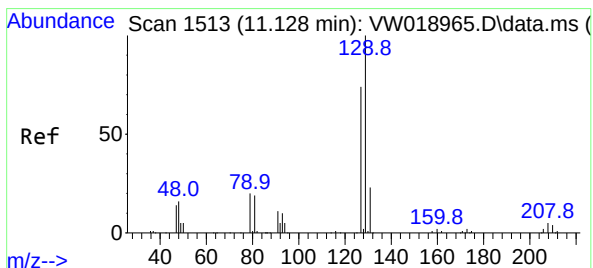
Tgt Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
58 54.1 42.7 64.1
57 19.0 15.8 23.8
100 11.9 10.0 15.0



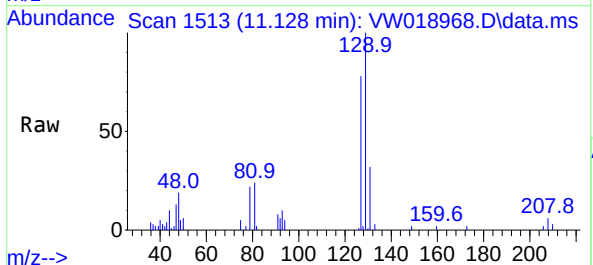
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05

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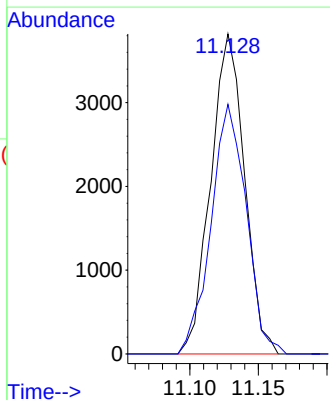
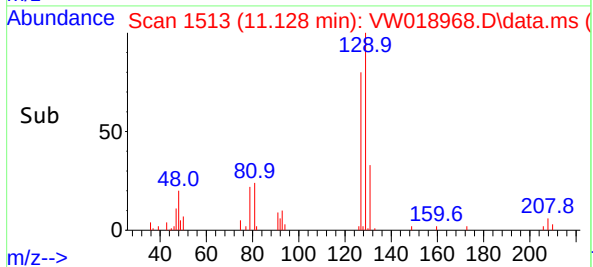
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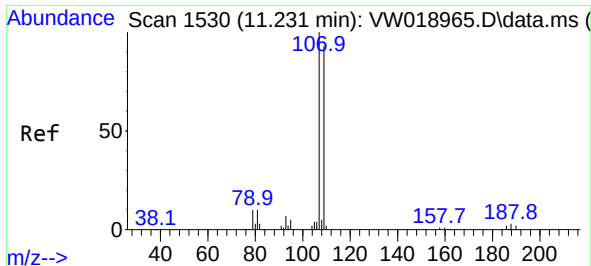


#49
Dibromochloromethane
Concen: 0.94 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



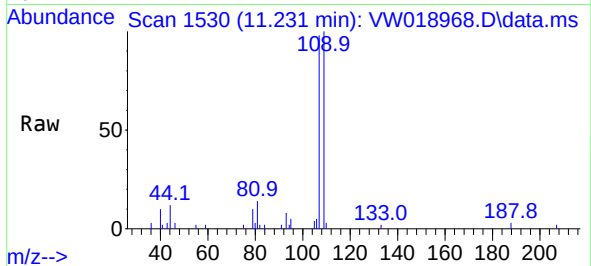
Tgt Ion: 129 Resp: 6563
Ion Ratio Lower Upper
129 100
127 78.0 51.7 95.9





#50
1,2-Dibromoethane
Concen: 0.95 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

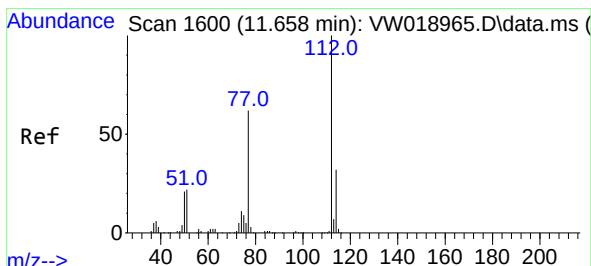
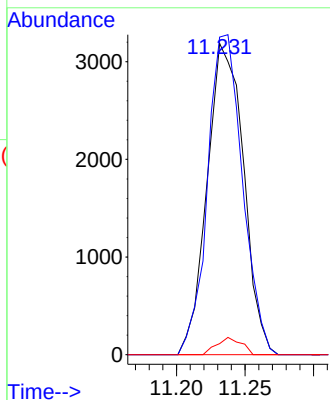
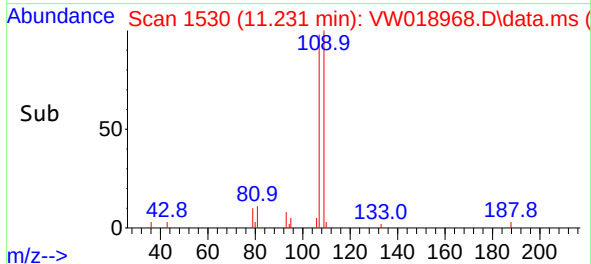
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



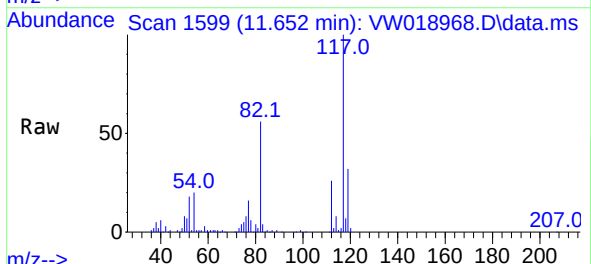
Tgt Ion	Ratio	Lower	Upper
107	100		
109	102.1	65.4	121.4
188	3.5	2.6	4.0

Manual Integrations
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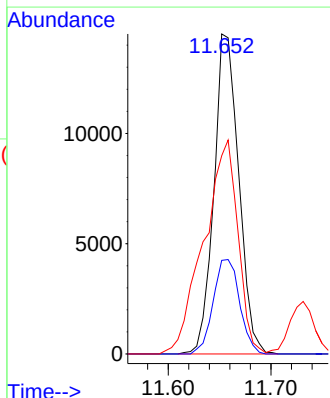
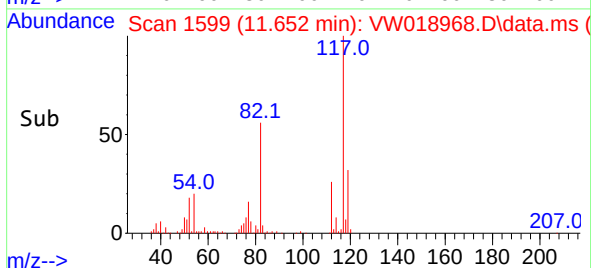
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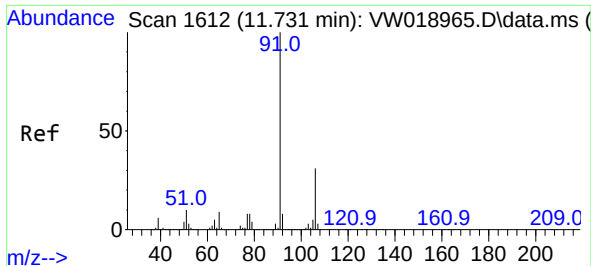


#51
Chlorobenzene
Concen: 1.08 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.2	23.4	43.6
77	62.0	47.6	71.4





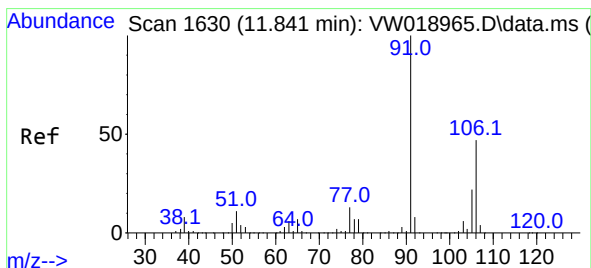
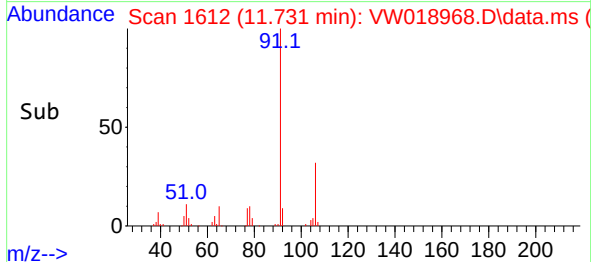
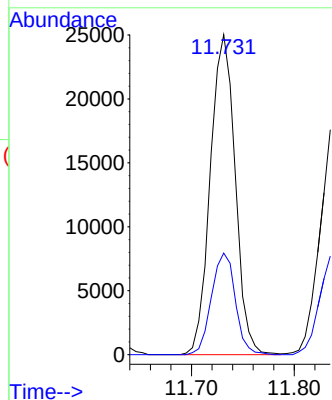
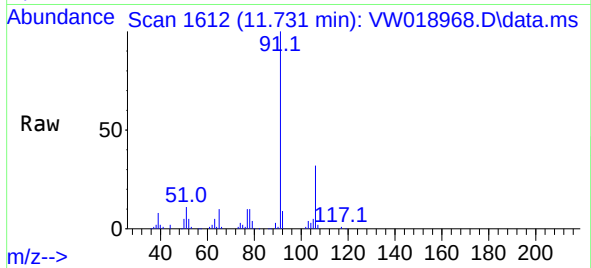
#52
Ethylbenzene
Concen: 1.03 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion: 91 Resp: 42041
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.7

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

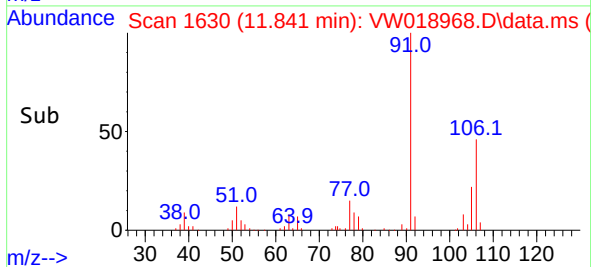
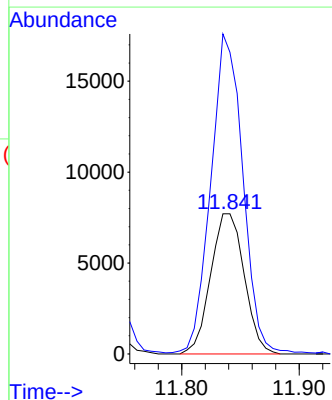
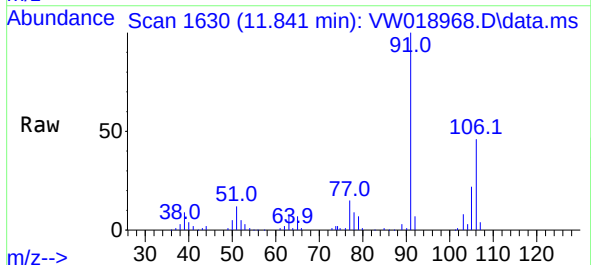
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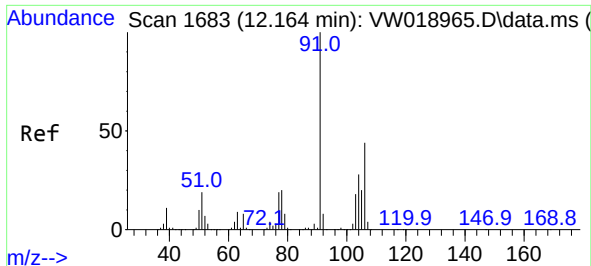
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#53
m,p-Xylene
Concen: 1.01 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

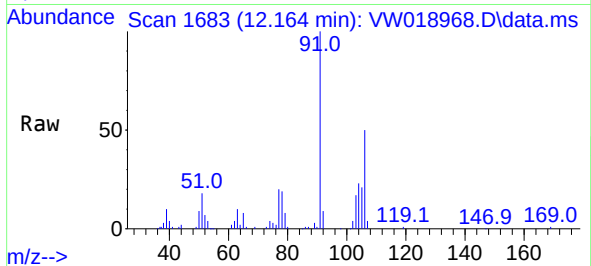
Tgt Ion: 106 Resp: 15323
Ion Ratio Lower Upper
106 100
91 215.1 141.3 262.3





#54
o-Xylene
Concen: 0.95 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

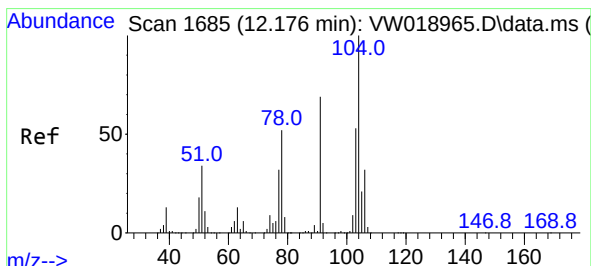
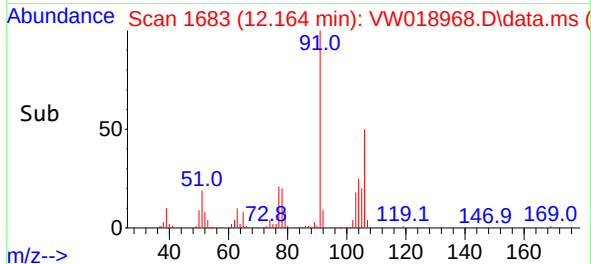
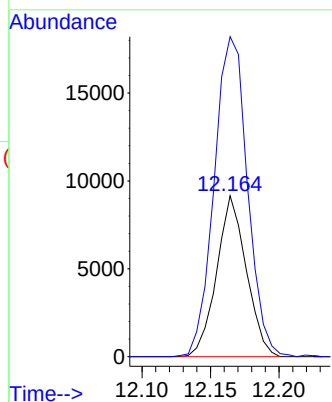
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



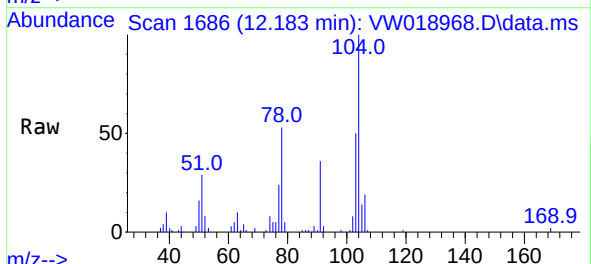
Tgt Ion:106 Resp: 13773
Ion Ratio Lower Upper
106 100
91 198.8 150.0 278.6

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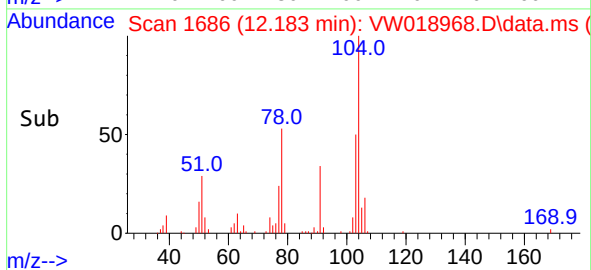
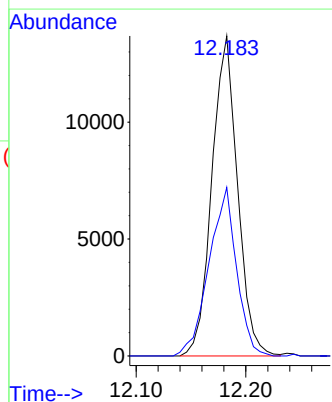
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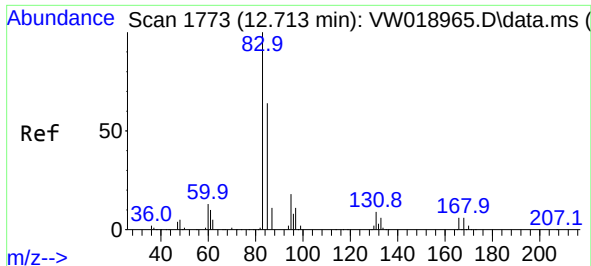


#55
Styrene
Concen: 0.91 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



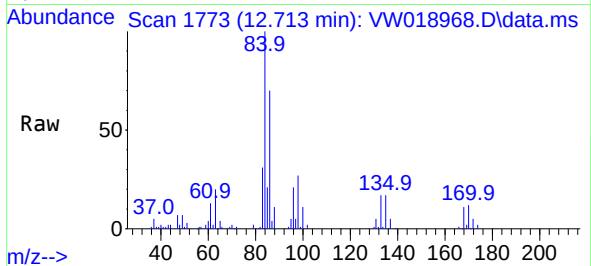
Tgt Ion:104 Resp: 22272
Ion Ratio Lower Upper
104 100
78 52.6 32.5 60.3





#57
1,1,2,2-Tetrachloroethane
Concen: 1.09 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

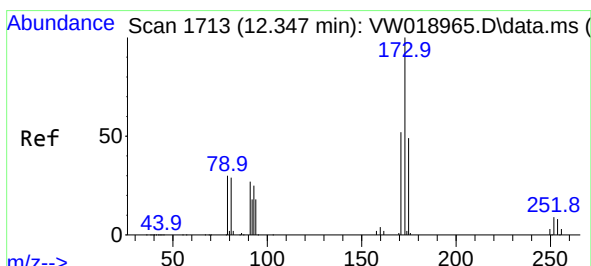
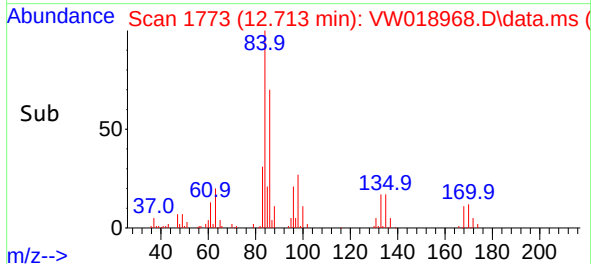
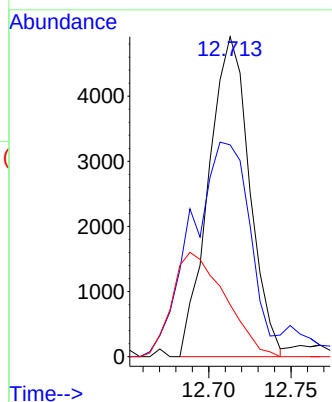
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



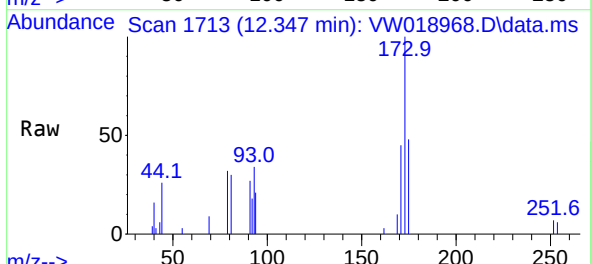
Tgt Ion:	83	Resp:	8491
Ion	Ratio	Lower	Upper
83	100		
85	66.2	44.4	82.4
131	16.3	8.2	12.4#

Manual Integrations
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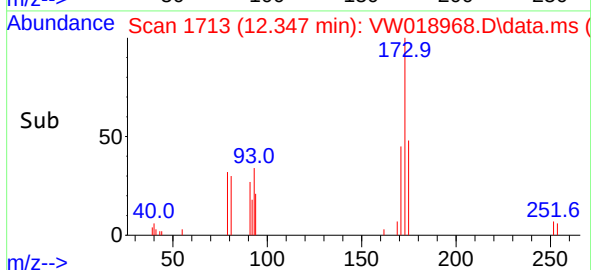
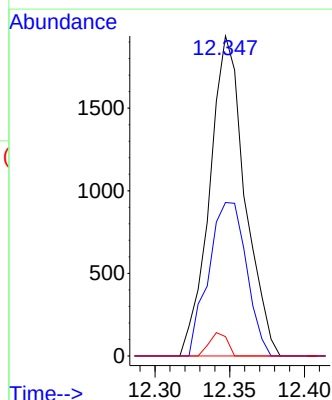
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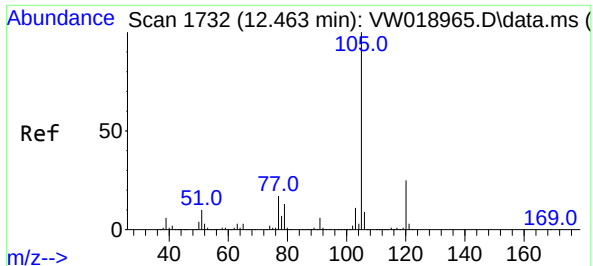


#59
Bromoform
Concen: 0.87 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



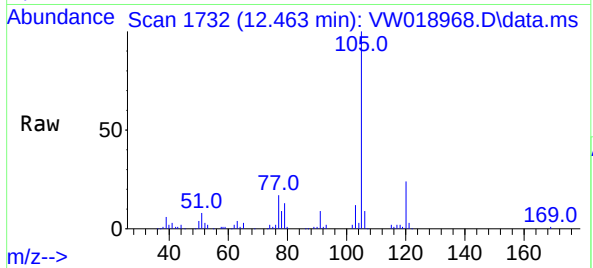
Tgt Ion:	173	Resp:	3177
Ion	Ratio	Lower	Upper
173	100		
175	51.4	37.5	56.3
254	3.7	7.0	10.4#





#60
Isopropylbenzene
Concen: 1.01 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

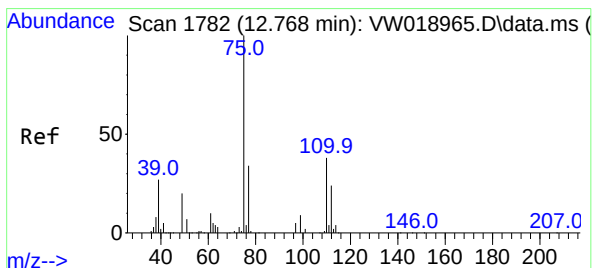
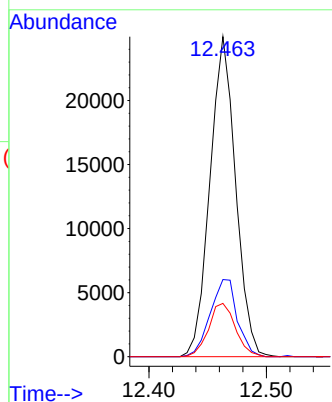
Instrument :
MSVOA_W
ClientSampleId :
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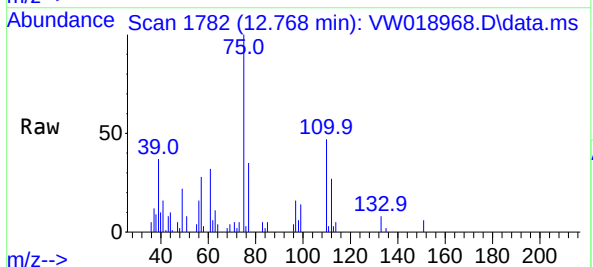
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.1	31.7
77	17.4	13.2	19.8

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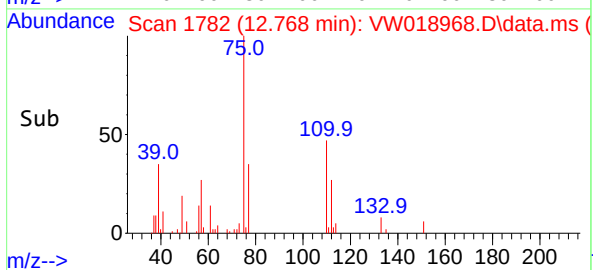
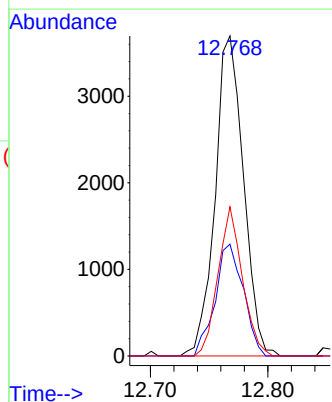
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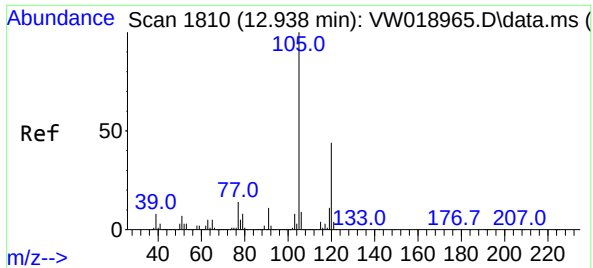


#61
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.3	37.9
110	40.1	32.6	48.8





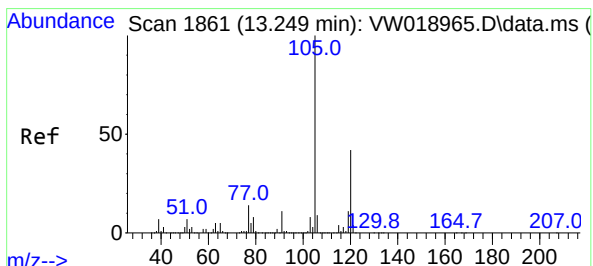
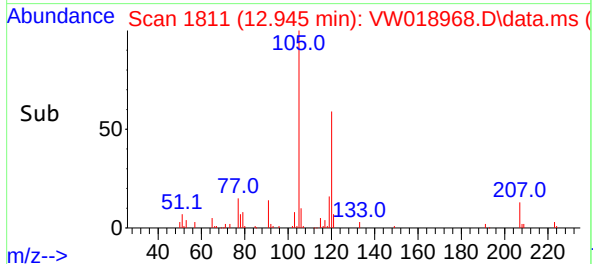
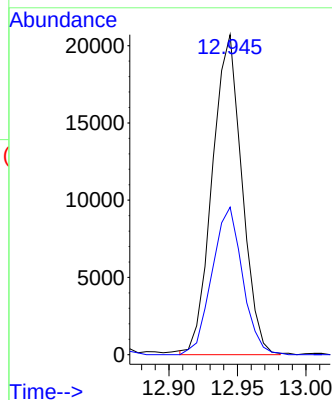
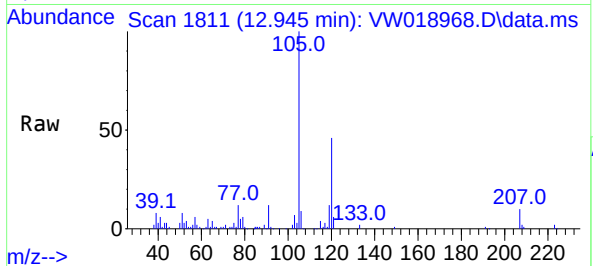
#62
1,3,5-Trimethylbenzene
Concen: 0.99 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:105 Resp: 31204
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.6

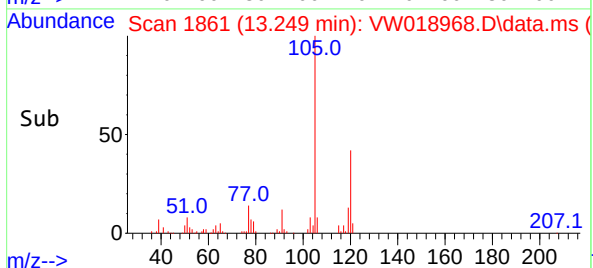
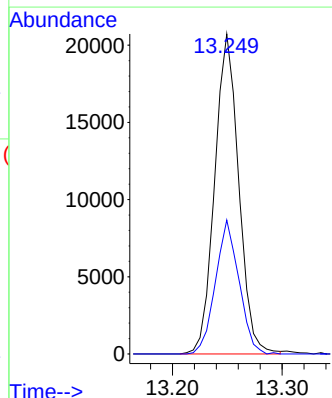
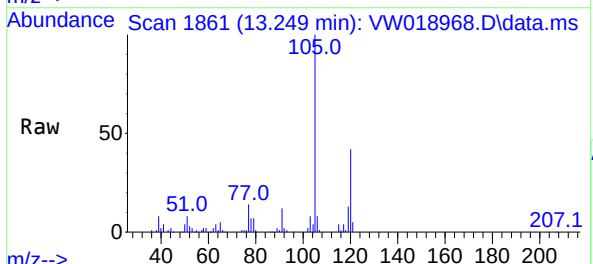
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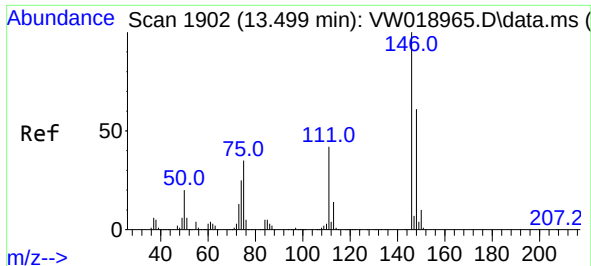
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#63
1,2,4-Trimethylbenzene
Concen: 1.00 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

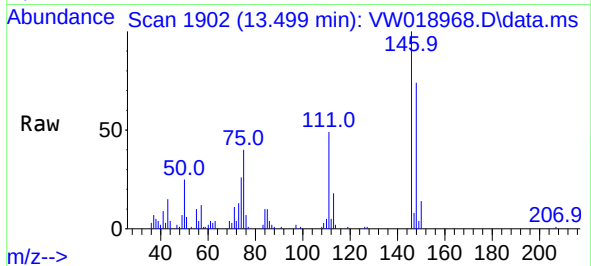
Tgt Ion:105 Resp: 31582
Ion Ratio Lower Upper
105 100
120 40.9 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 1.07 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

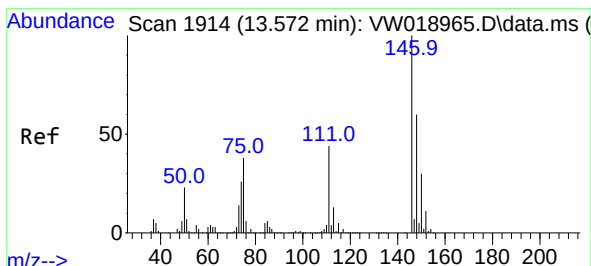
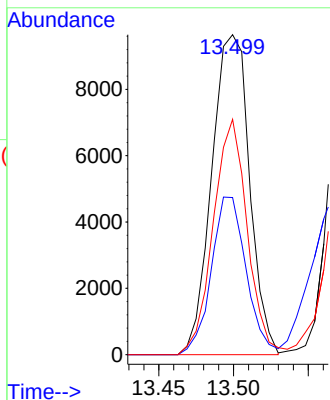
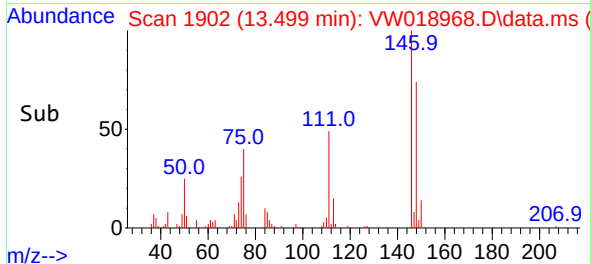
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



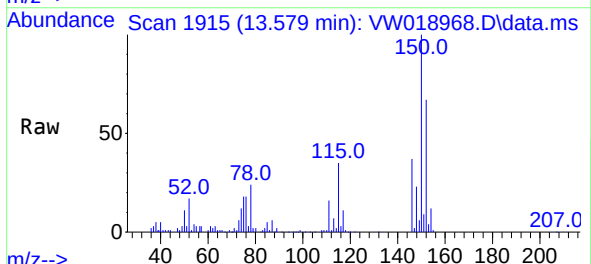
Tgt Ion:146 Resp: 16970
Ion Ratio Lower Upper
146 100
111 49.1 26.7 49.7
148 73.5 41.1 76.3

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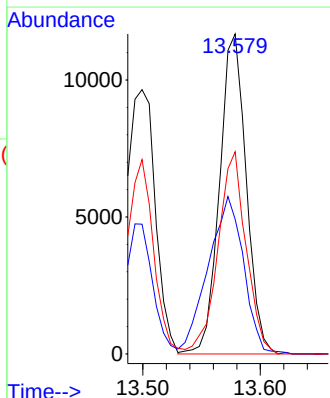
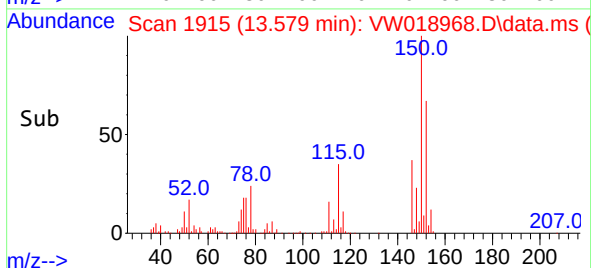
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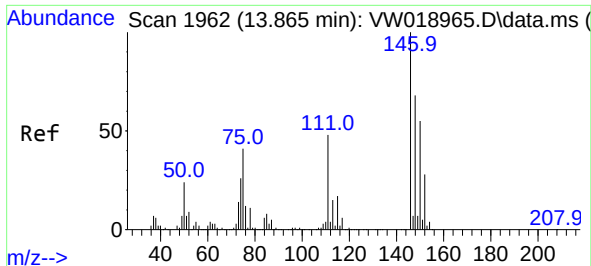


#65
1,4-Dichlorobenzene
Concen: 1.15 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



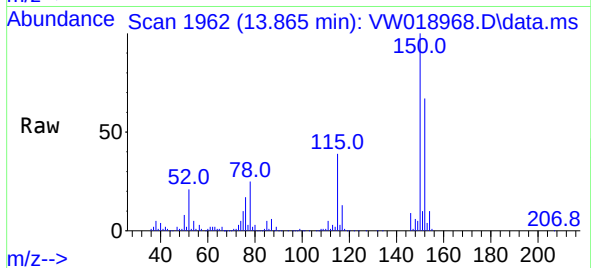
Tgt Ion:146 Resp: 18409
Ion Ratio Lower Upper
146 100
111 42.1 28.8 53.4
148 63.2 46.8 87.0





#67
1,2-Dichlorobenzene
Concen: 1.16 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

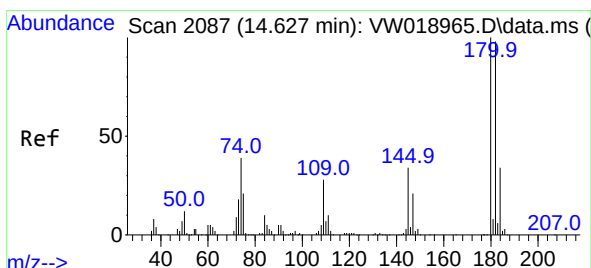
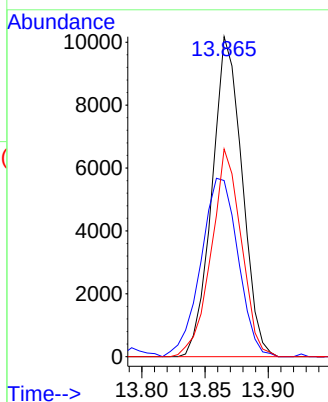
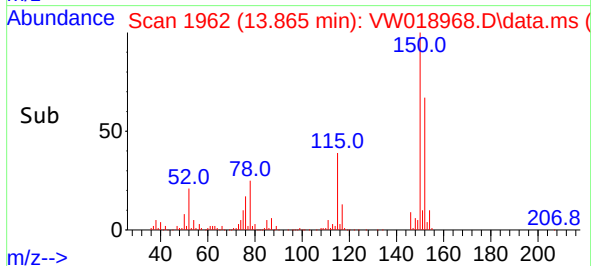
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



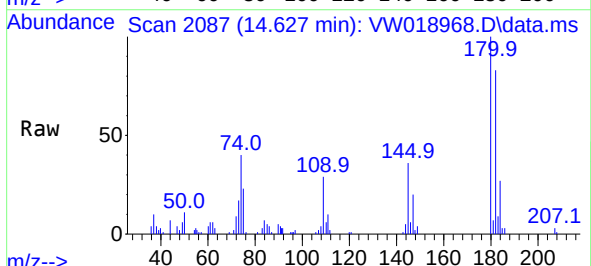
Tgt Ion:146 Resp: 16785
Ion Ratio Lower Upper
146 100
111 55.0 33.2 49.8#
148 64.9 50.4 75.6

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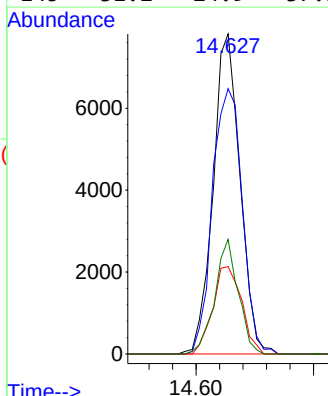
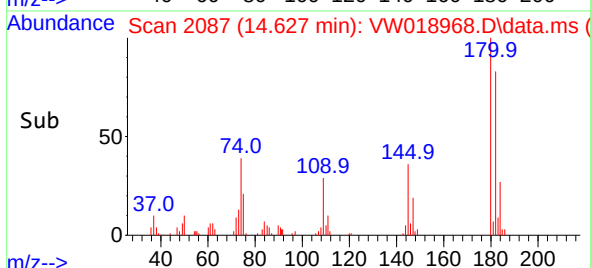
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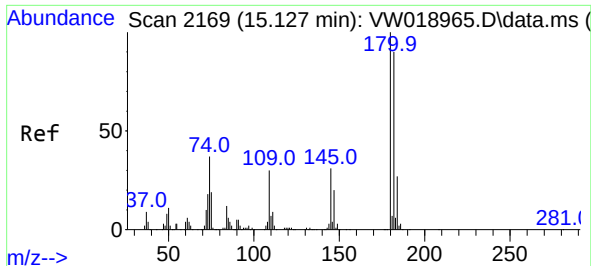


#69
1,3,5-Trichlorobenzene
Concen: 1.08 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06



Tgt Ion:180 Resp: 12424
Ion Ratio Lower Upper
180 100
182 91.9 73.4 110.2
184 29.2 23.6 35.4
145 31.2 24.9 37.3





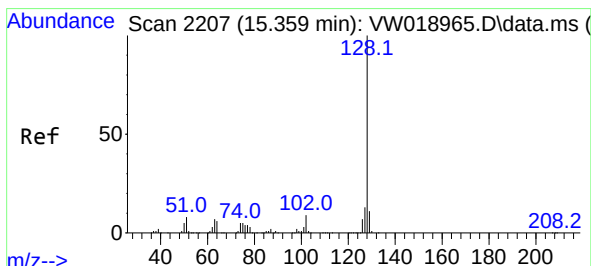
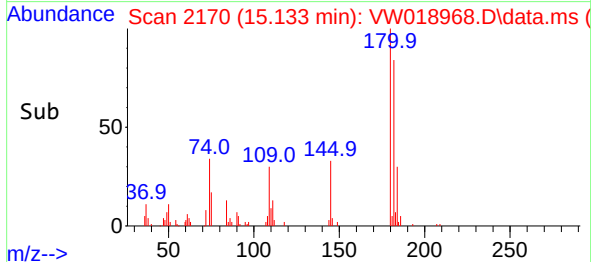
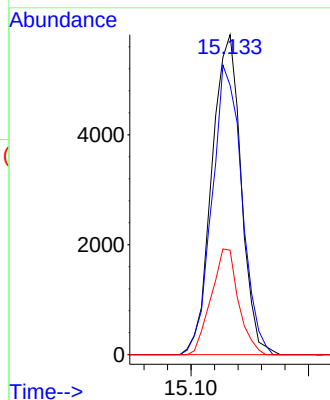
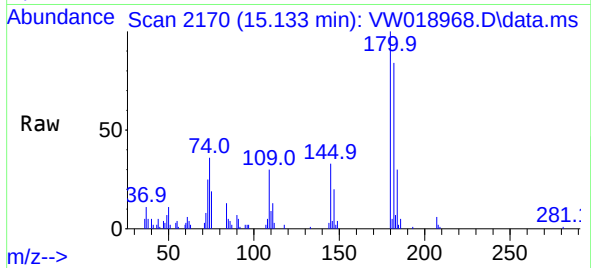
#70
1,2,4-trichlorobenzene
Concen: 1.05 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	180	Resp:	10057
Ion Ratio	Lower	Upper	
180	100		
182	92.2	74.7	112.1
145	30.9	25.0	37.4

Instrument :
MSVOA_W
ClientSampleId :
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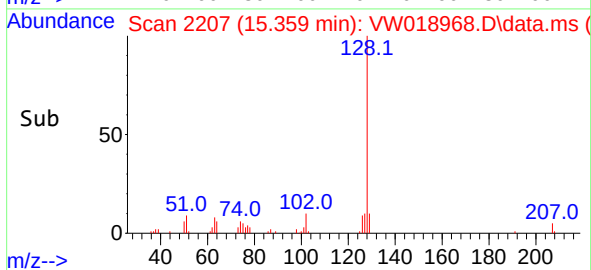
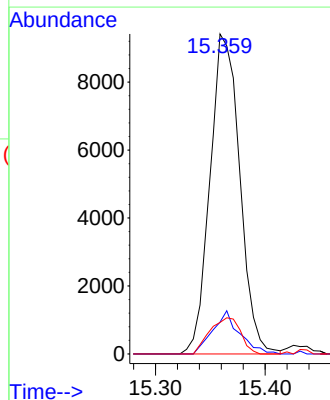
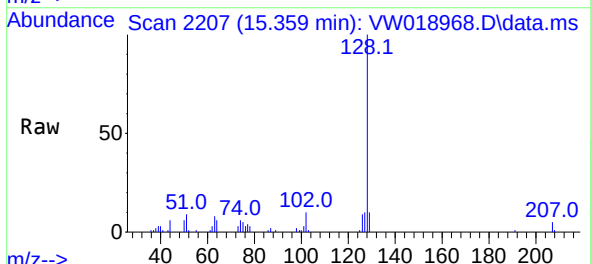
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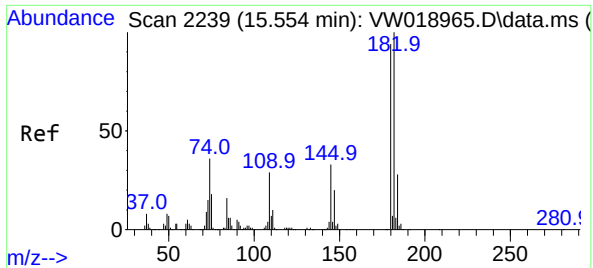
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#71
Naphthalene
Concen: 0.88 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW018968.D
Acq: 10 May 2021 11:06

Tgt Ion:	128	Resp:	17778
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.6	15.8
129	11.7	9.0	13.6





1,2,3-Trichlorobenzene
 Concen: 1.04 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW018968.D
 Acq: 10 May 2021 11:06

Tgt Ion:	180	Resp:	8729
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.7	115.1
145	36.6	28.9	43.3

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

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