

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022421\
 Data File : VW018233.D
 Acq On : 24 Feb 2021 11:48
 Operator : SY/VA
 Sample : M1344-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

Manual Integrations
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 2/25/2021 12:18:16 PM

Quant Time: Feb 25 02:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 25 02:45:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442921	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	410667	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	211614	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	121926	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.64%		
7) Chloroethane-d5	2.898	69	92528	24.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.52%		
11) 1,1-Dichloroethene-d2	4.025	63	182070	18.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.32%		
21) 2-Butanone-d5	7.080	46	66414	62.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.86%		
24) Chloroform-d	7.647	84	250335	23.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.12%		
26) 1,2-Dichloroethane-d4	8.305	65	136633	25.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.88%		
32) Benzene-d6	8.275	84	513930	24.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.12%		
36) 1,2-Dichloropropane-d6	9.274	67	141993	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.68%		
41) Toluene-d8	10.323	98	485976	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.92%		
43) trans-1,3-Dichloroprop...	10.579	79	66975	25.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.04%		
47) 2-Hexanone-d5	10.920	63	58547	62.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.42%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	133279	27.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.00%		
66) 1,2-Dichlorobenzene-d4	13.853	152	188420	24.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.32%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	5316	1.01	ug/L	92
3) Chloromethane	2.215	50	4906	1.21	ug/L	92
5) Vinyl chloride	2.367	62	7311	1.26	ug/L #	56
6) Bromomethane	2.788	94	5084	1.26	ug/L	91
8) Chloroethane	2.934	64	3803	1.17	ug/L	95
9) Trichlorofluoromethane	3.269	101	4053	0.98	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	8075	1.42	ug/L #	53
12) 1,1-Dichloroethene	4.044	96	7909	1.44	ug/L #	1
13) Acetone	4.135	43	2707	3.77	ug/L	65
14) Carbon disulfide	4.391	76	17633	1.05	ug/L #	93
15) Methyl Acetate	4.678	43	2528	1.35	ug/L #	71
16) Methylene chloride	4.915	84	13938	2.32	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	6846	1.17	ug/L	86
18) Methyl tert-butyl Ether	5.421	73	7059m	1.21	ug/L	
19) 1,1-Dichloroethane	6.220	63	10432	1.14	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	6679	1.10	ug/L	80
22) 2-Butanone	7.183	43	3128	2.74	ug/L	97
23) Bromochloromethane	7.513	128	3373	1.16	ug/L #	73
25) Chloroform	7.677	83	11673	1.17	ug/L	90

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

27) 1,2-Dichloroethane	8.403	62	7658	1.27	ug/L #	95
29) Cyclohexane	7.964	56	8968m	1.09	ug/L	
30) 1,1,1-Trichloroethane	7.878	97	9003	1.09	ug/L	96
31) Carbon tetrachloride	8.073	117	8812	1.10	ug/L	99
33) Benzene	8.323	78	24649	1.12	ug/L	100
34) Trichloroethene	9.092	95	6851	1.12	ug/L	89
35) Methylcyclohexane	9.335	83	10512	1.04	ug/L	96
37) 1,2-Dichloropropane	9.372	63	5679	1.12	ug/L	98
38) Bromodichloromethane	9.646	83	7658	1.08	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	9015	1.11	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	6773	2.63	ug/L	98
42) Toluene	10.384	91	27987	1.16	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	10683	1.53	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	4831	1.16	ug/L	96
46) Tetrachloroethene	10.860	164	5852	1.08	ug/L	94
48) 2-Hexanone	10.969	43	5062	2.88	ug/L	93
49) Dibromochloromethane	11.128	129	5752	1.12	ug/L	96
50) 1,2-Dibromoethane	11.231	107	4806	1.18	ug/L #	100
51) Chlorobenzene	11.658	112	17777	1.10	ug/L	96
52) Ethylbenzene	11.731	91	29491	1.08	ug/L	99
53) m,p-Xylene	11.841	106	11722	1.10	ug/L	94
54) o-Xylene	12.164	106	10428	1.04	ug/L	97
55) Styrene	12.182	104	17513	1.04	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	6718	1.45	ug/L #	91
59) Bromoform	12.347	173	3364	1.12	ug/L	95
60) Isopropylbenzene	12.463	105	28293	1.02	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	4591	1.32	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	22751	0.98	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	23411	1.01	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	14222	1.07	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	14831	1.12	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	13947	1.17	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	978m	1.30	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	11701	1.15	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	10104	1.20	ug/L	97
71) Naphthalene	15.365	128	18009	1.21	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8766	1.18	ug/L	96

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

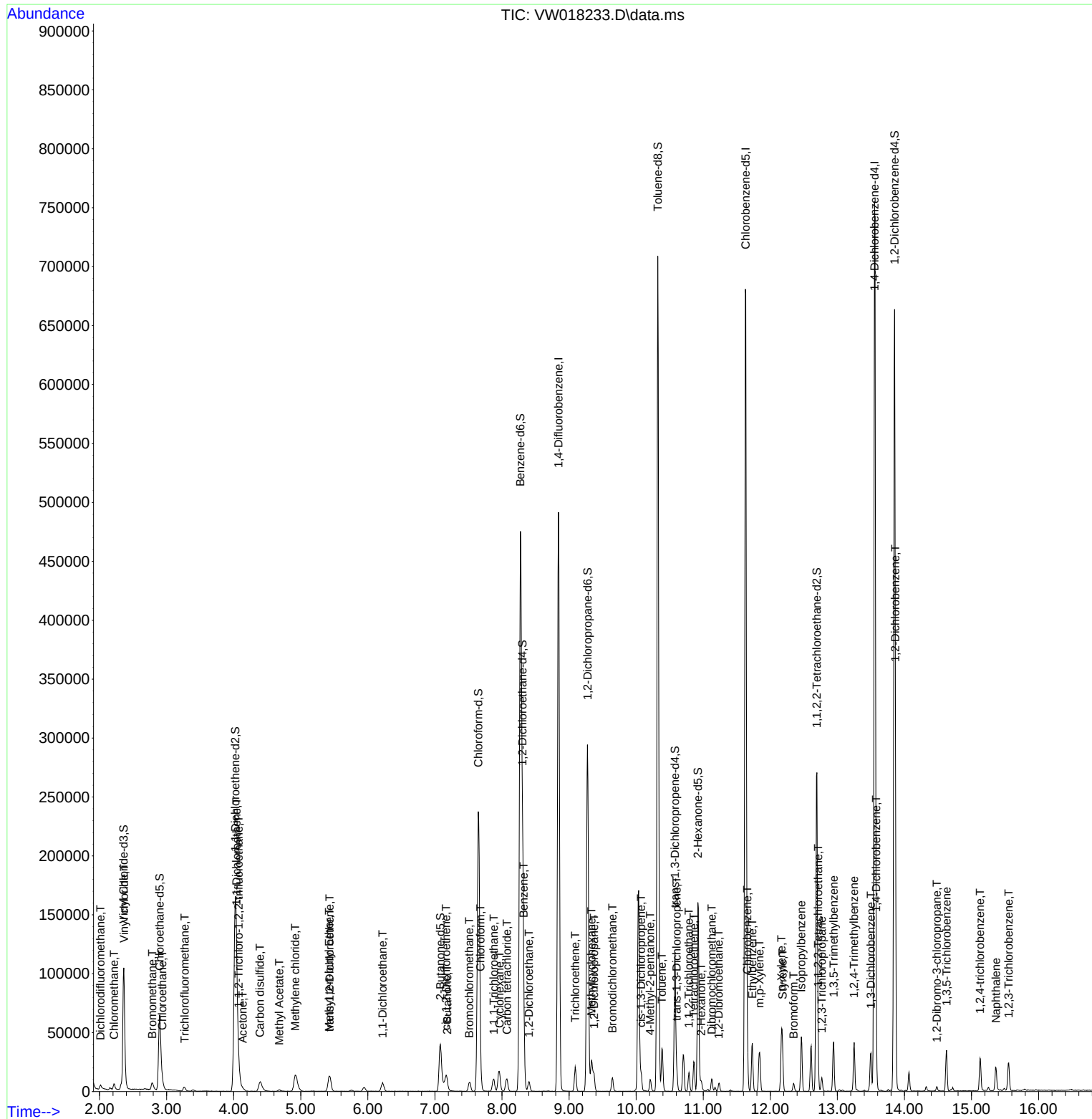
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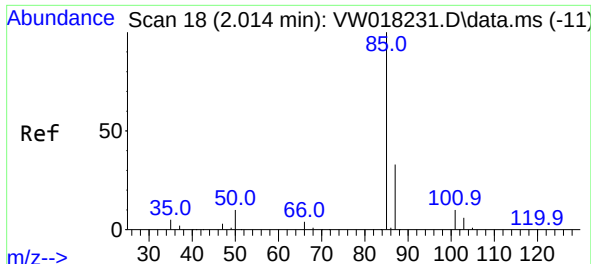
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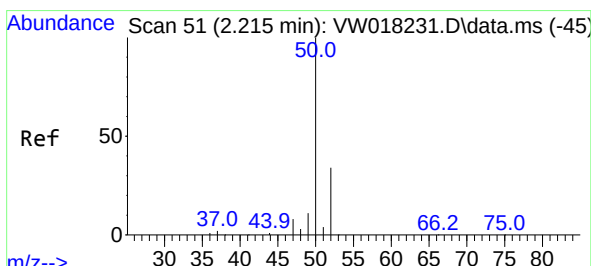
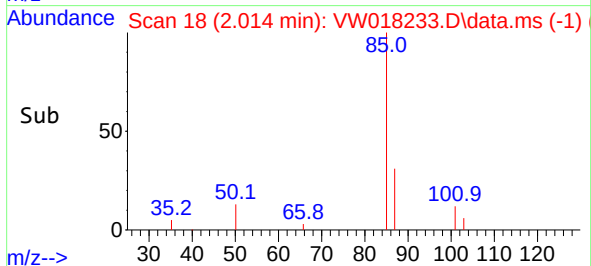
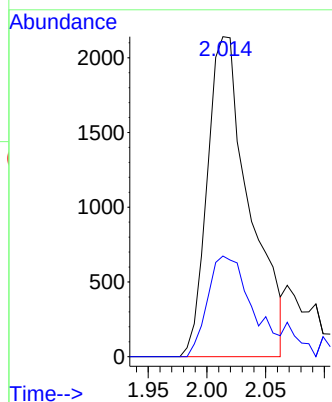
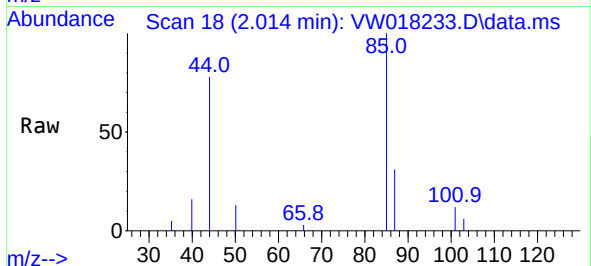
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Dichlorodifluoromethane
Concen: 1.01 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 85 Resp: 5316
Ion Ratio Lower Upper
85 100
87 33.3 23.3 34.9

Instrument :
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MDL-SOIL-QT2-2021-04

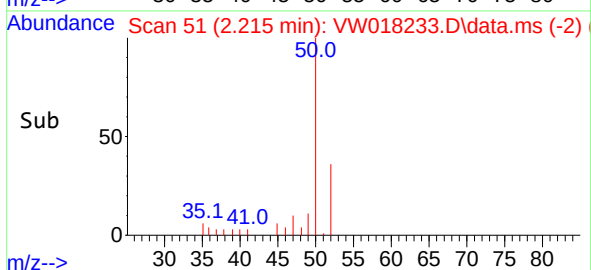
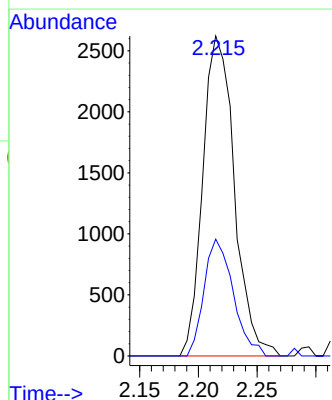
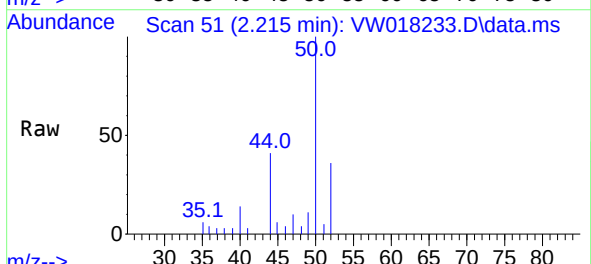
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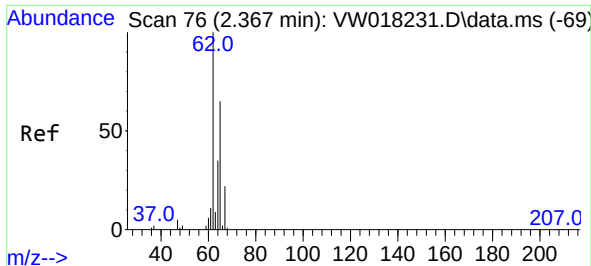
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#3
Chloromethane
Concen: 1.21 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 50 Resp: 4906
Ion Ratio Lower Upper
50 100
52 36.5 22.5 41.9





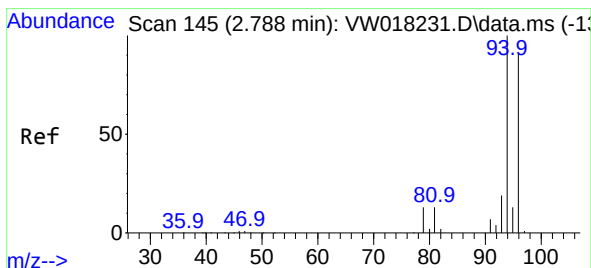
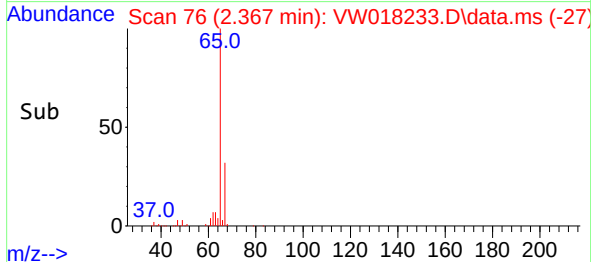
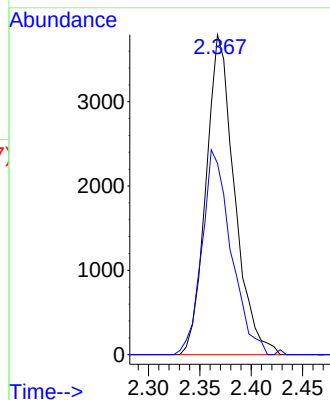
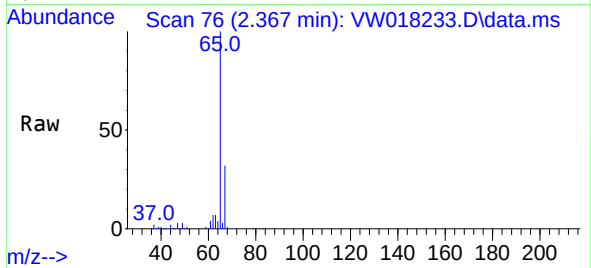
#5
 Vinyl chloride
 Concen: 1.26 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018233.D
 Acq: 24 Feb 2021 11:48

Tgt Ion: 62 Resp: 7311
 Ion Ratio Lower Upper
 62 100
 64 59.8 24.2 45.0#

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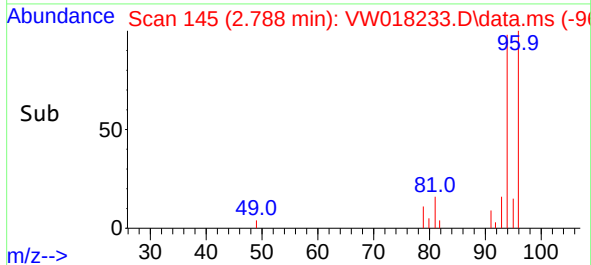
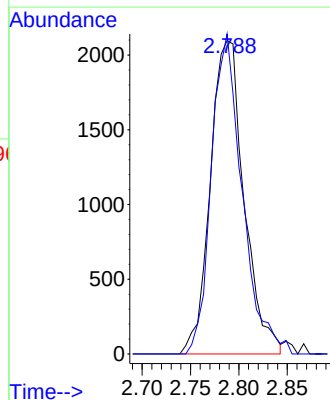
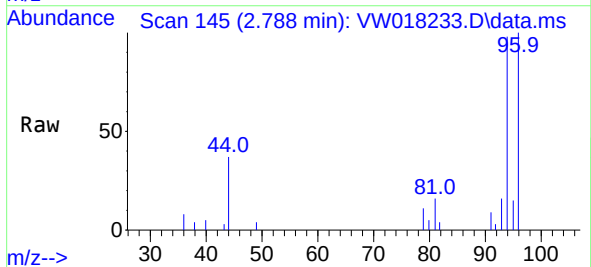
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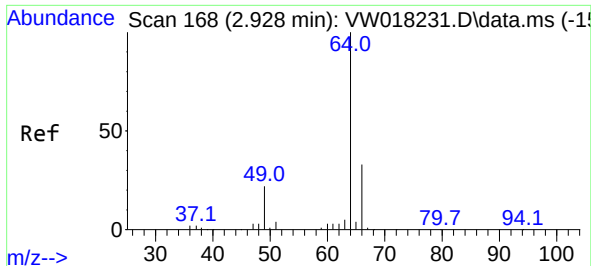
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#6
 Bromomethane
 Concen: 1.26 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW018233.D
 Acq: 24 Feb 2021 11:48

Tgt Ion: 94 Resp: 5084
 Ion Ratio Lower Upper
 94 100
 96 102.1 65.3 121.3





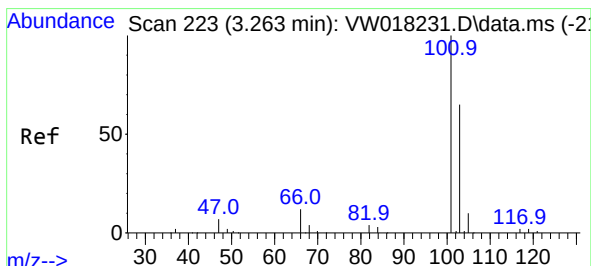
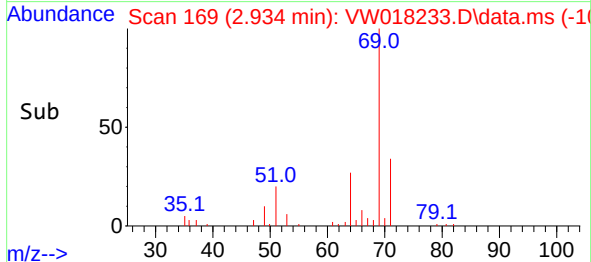
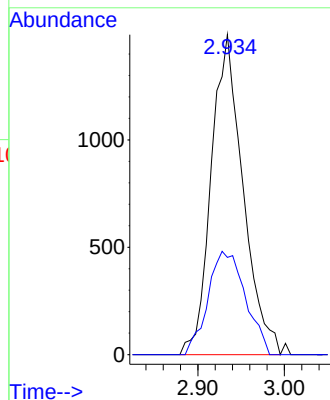
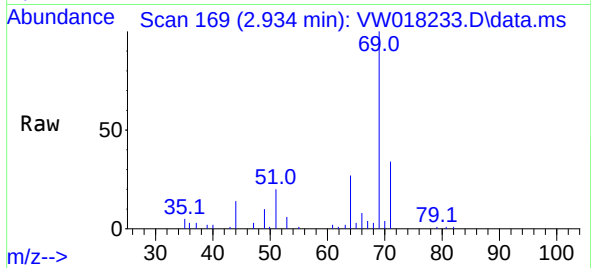
#8
Chloroethane
Concen: 1.17 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 64 Resp: 3803
Ion Ratio Lower Upper
64 100
66 30.4 23.4 43.6

Instrument :
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MDL-SOIL-QT2-2021-04

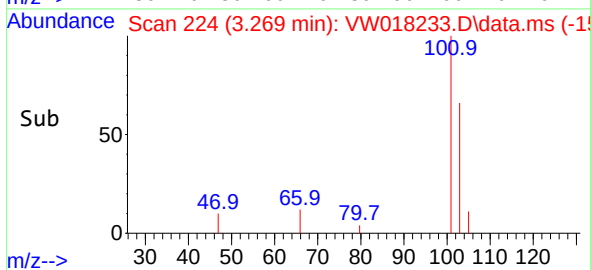
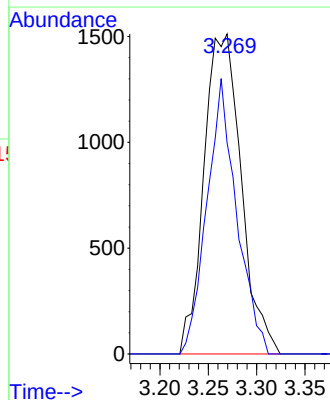
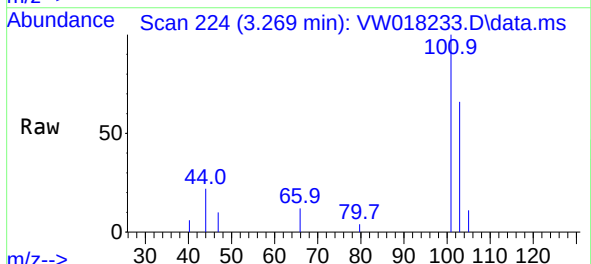
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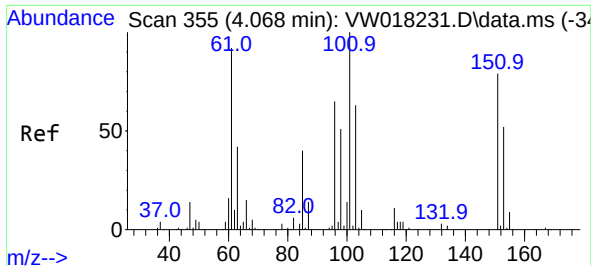
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#9
Trichlorofluoromethane
Concen: 0.98 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 101 Resp: 4053
Ion Ratio Lower Upper
101 100
103 68.7 51.0 76.4





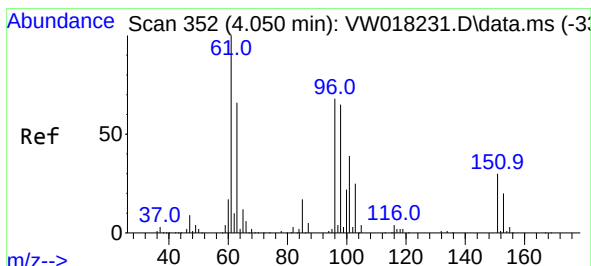
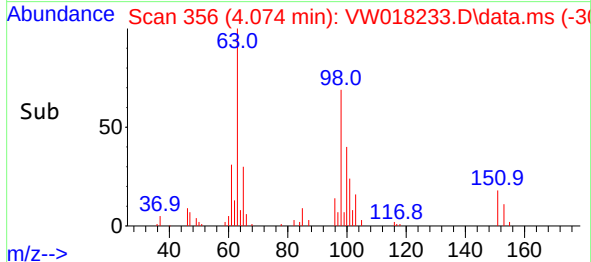
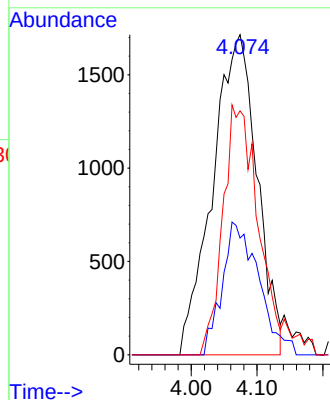
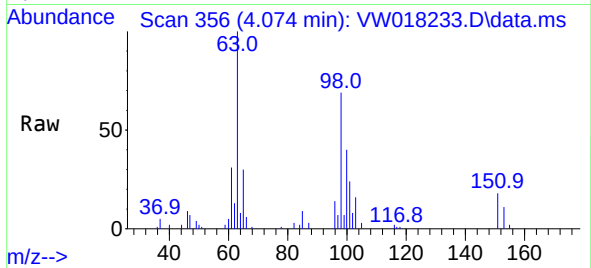
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.42 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW018233.D
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Tgt Ion: 101 Resp: 8075
Ion Ratio Lower Upper
101 100
85 22.5 38.2 57.2#
151 26.0 56.6 85.0#

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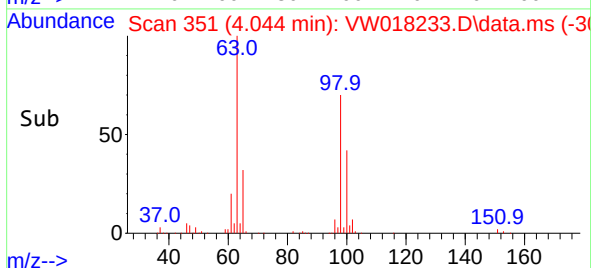
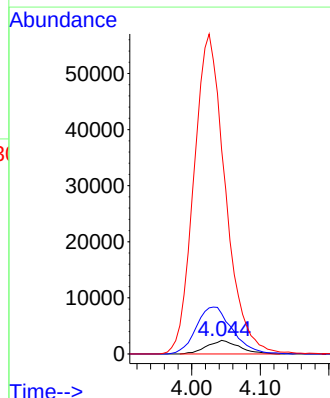
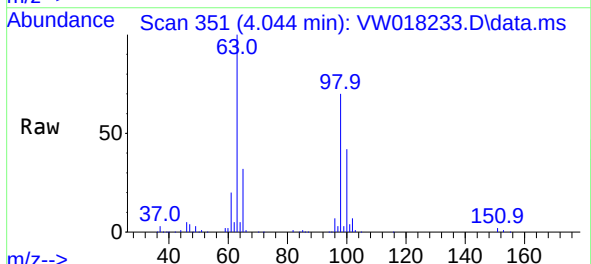
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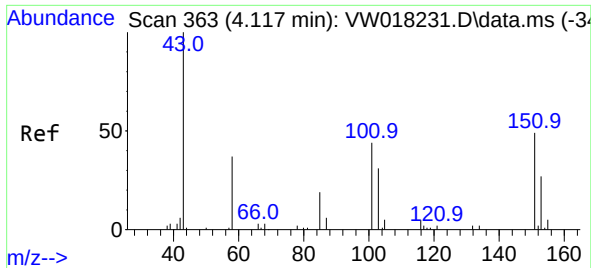
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#12
1,1-Dichloroethene
Concen: 1.44 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 96 Resp: 7909
Ion Ratio Lower Upper
96 100
61 297.6 118.1 219.3#
63 1507.9 83.7 155.5#





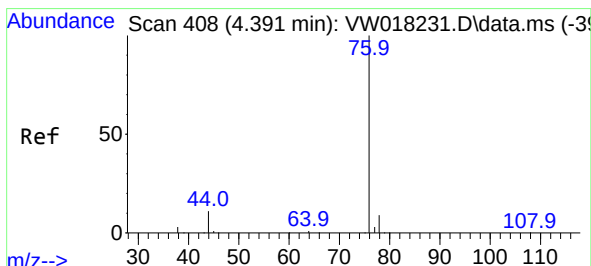
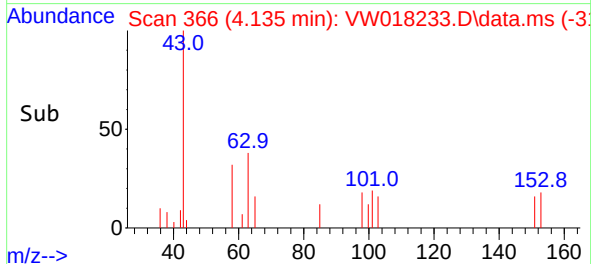
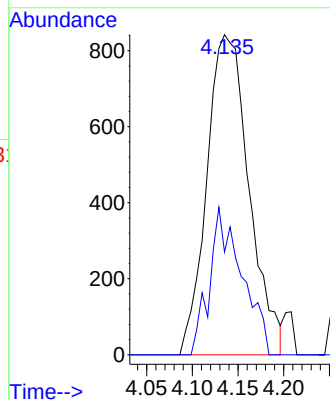
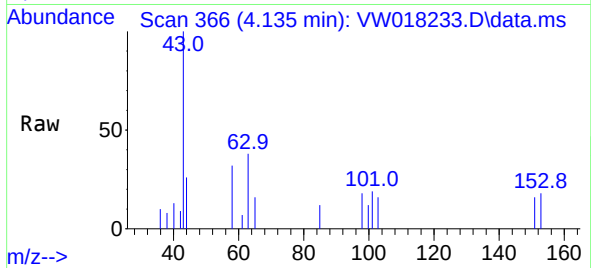
#13
Acetone
Concen: 3.77 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
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Tgt Ion: 43 Resp: 2707
Ion Ratio Lower Upper
43 100
58 8.6 0.0 53.8

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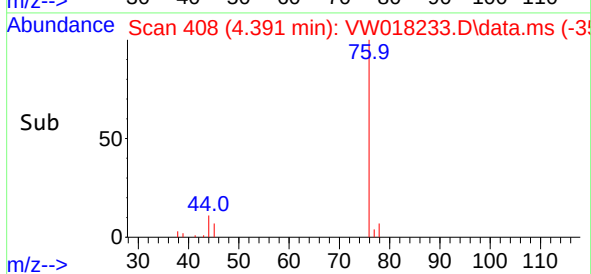
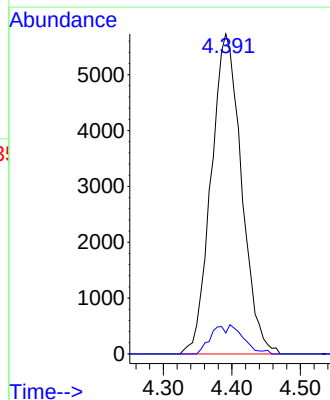
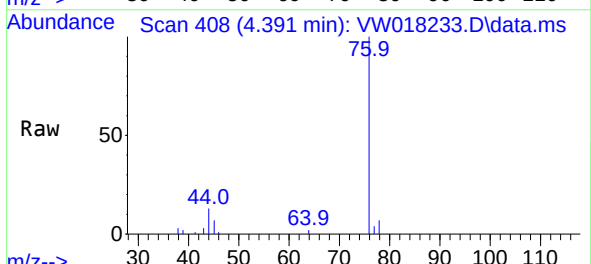
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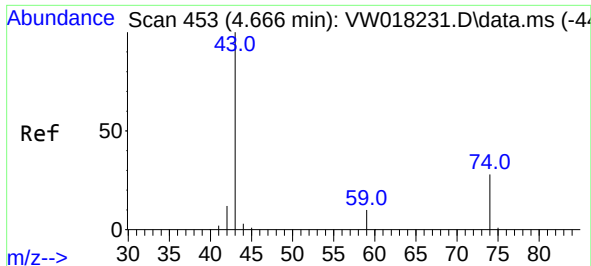
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2/25/2021 12:18:16 PM



#14
Carbon disulfide
Concen: 1.05 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 76 Resp: 17633
Ion Ratio Lower Upper
76 100
78 6.5 7.4 11.0#





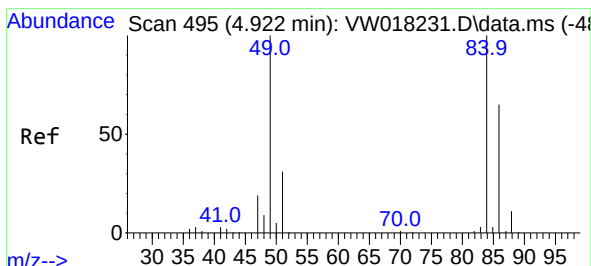
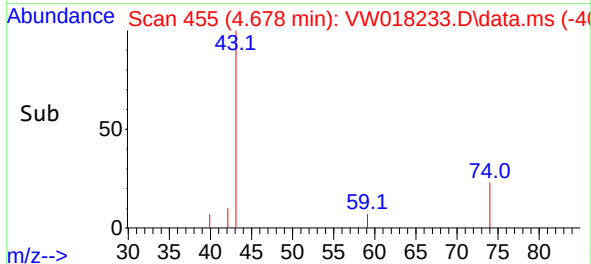
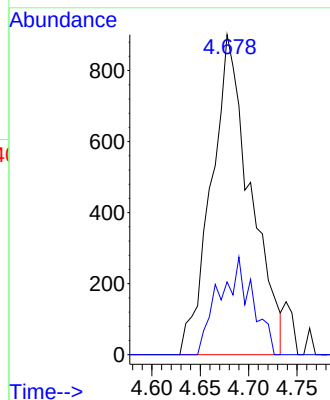
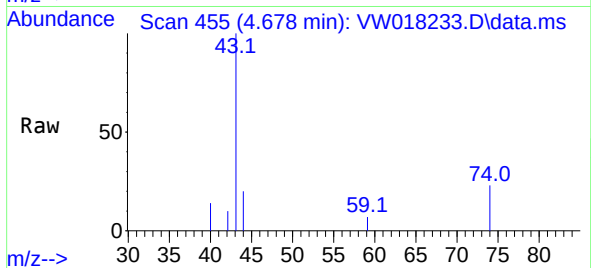
#15
Methyl Acetate
Concen: 1.35 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
74 10.4 20.0 30.0#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

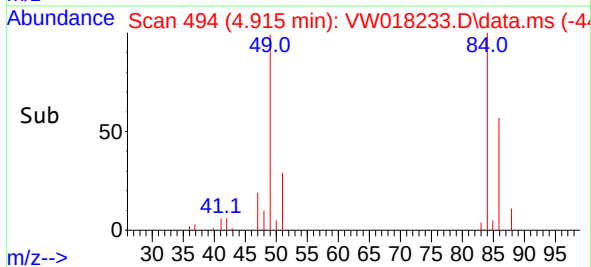
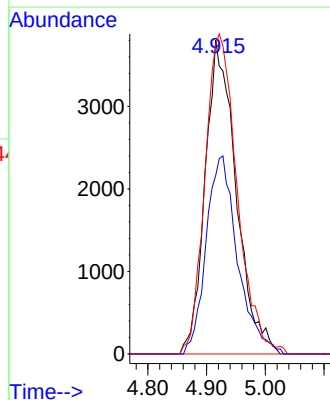
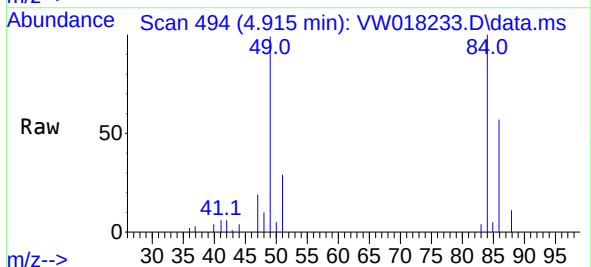
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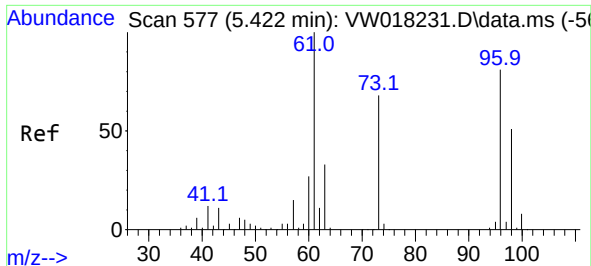
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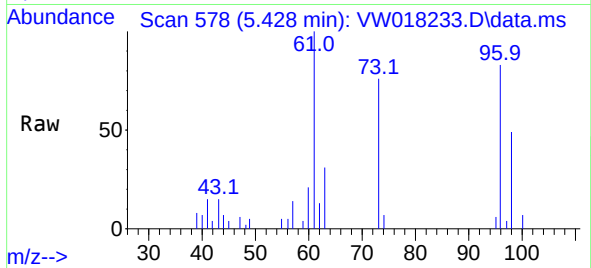
#16
Methylene chloride
Concen: 2.32 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 84 Resp: 13938
Ion Ratio Lower Upper
84 100
86 56.9 45.3 84.1
49 98.6 86.6 160.8

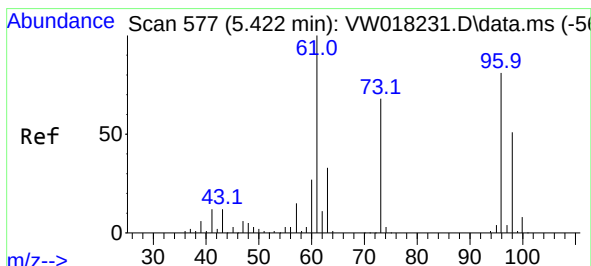
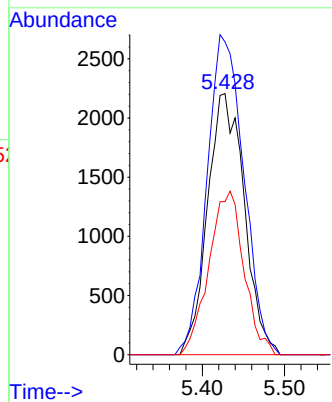
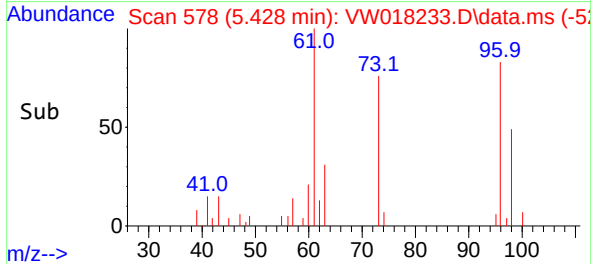




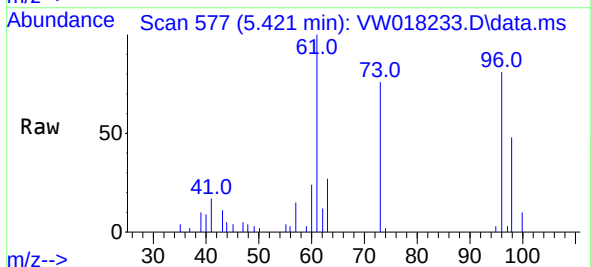
#17
trans-1,2-Dichloroethene
Concen: 1.17 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



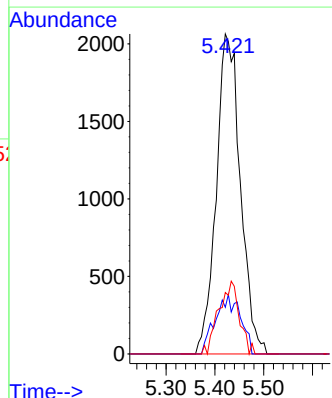
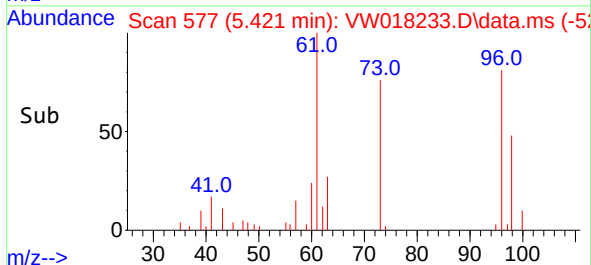
Tgt Ion: 96 Resp: 6846
Ion Ratio Lower Upper
96 100
61 119.8 98.3 182.7
98 58.7 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 1.21 ug/L m
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



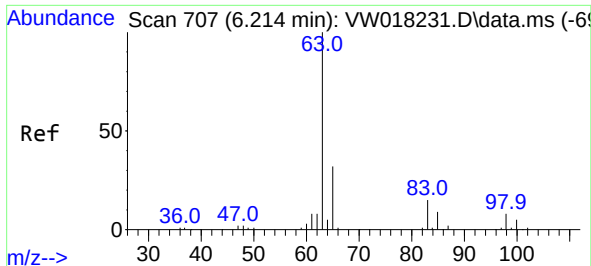
Tgt Ion: 73 Resp: 7059
Ion Ratio Lower Upper
73 100
43 12.3 17.7 26.5#
57 14.4 17.0 25.4#



Instrument :
MSVOA_W
ClientSampleId :
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2/25/2021 12:18:16 PM



#19

1,1-Dichloroethane

Concen: 1.14 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW018233.D

Acq: 24 Feb 2021 11:48

Tgt Ion:	63	Resp:	10432
Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.9	42.5
83	12.6	10.2	19.0

Instrument :

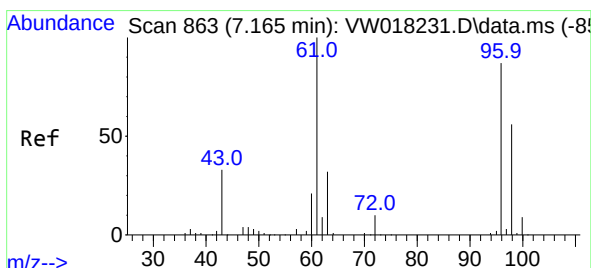
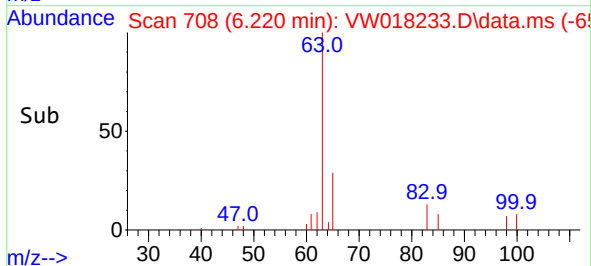
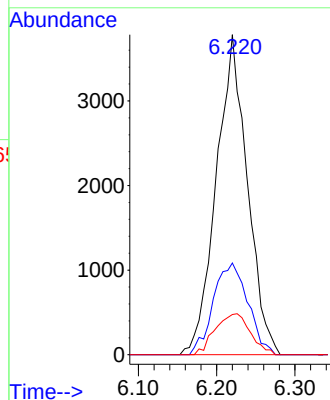
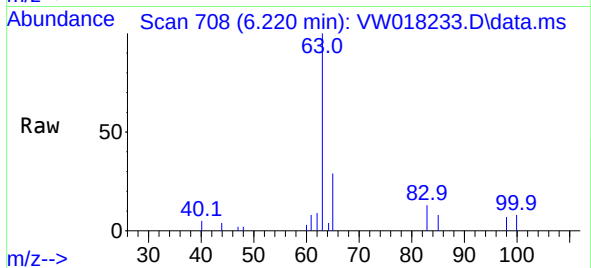
MSVOA_W

ClientSampleId :

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2/25/2021 12:18:16 PM



#20

cis-1,2-Dichloroethene

Concen: 1.10 ug/L

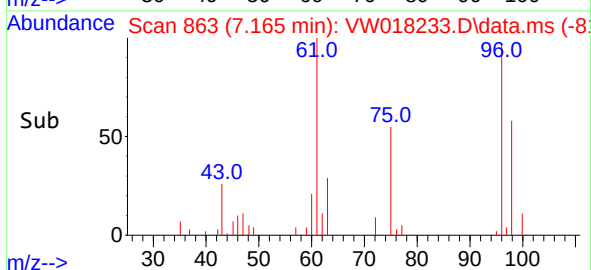
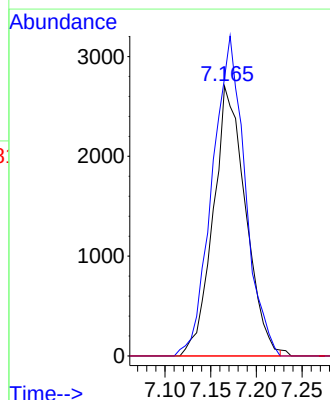
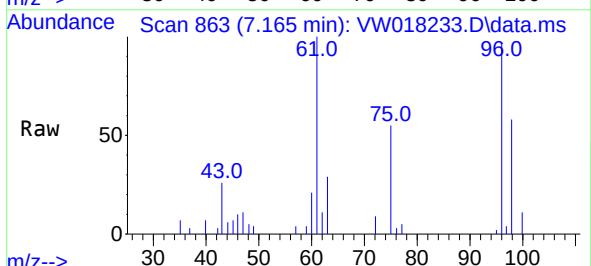
RT: 7.165 min Scan# 863

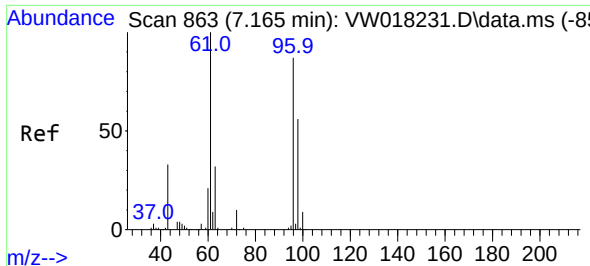
Delta R.T. -0.000 min

Lab File: VW018233.D

Acq: 24 Feb 2021 11:48

Tgt Ion:	96	Resp:	6679
Ion	Ratio	Lower	Upper
96	100		
61	103.0	88.5	164.3
68	0.0	0.0	0.0





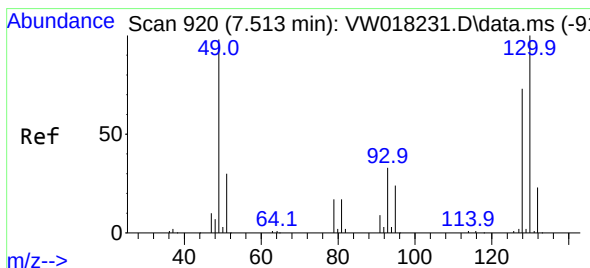
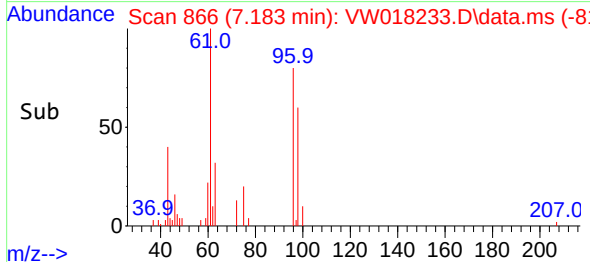
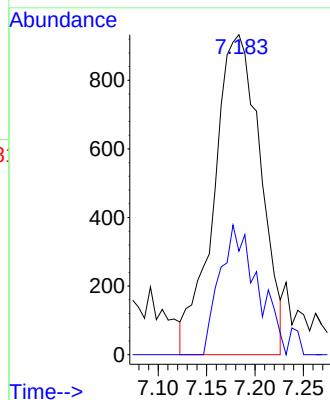
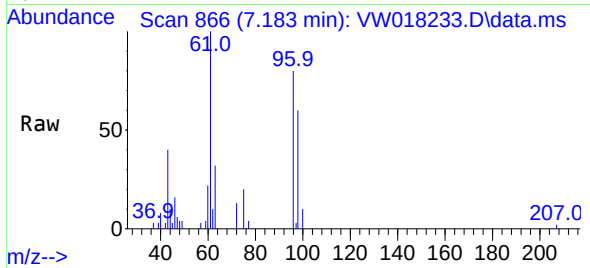
#22
2-Butanone
Concen: 2.74 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 43 Resp: 3128
Ion Ratio Lower Upper
43 100
72 28.2 14.9 44.7

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

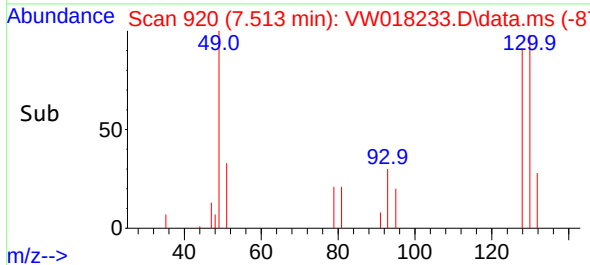
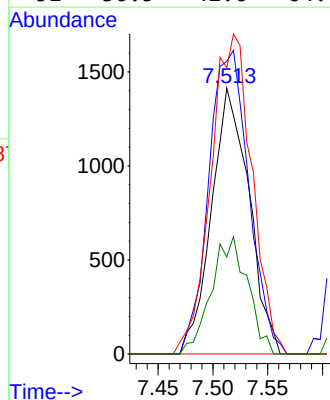
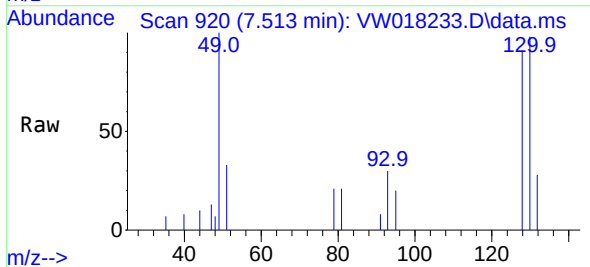
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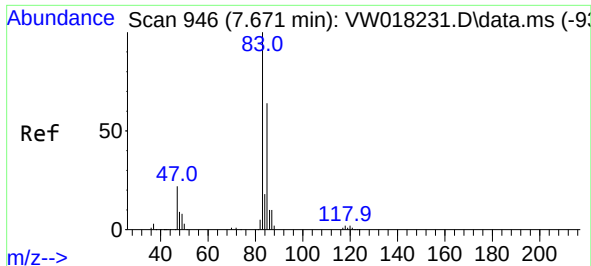
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#23
Bromochloromethane
Concen: 1.16 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 128 Resp: 3373
Ion Ratio Lower Upper
128 100
49 110.0 116.3 215.9#
130 107.7 82.4 153.0
51 36.5 42.6 64.0#





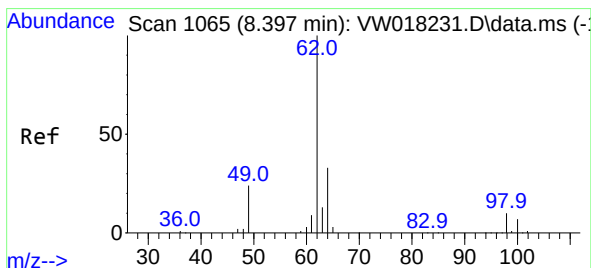
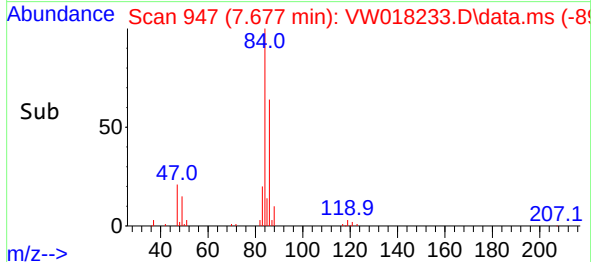
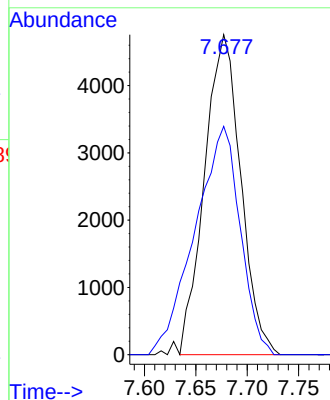
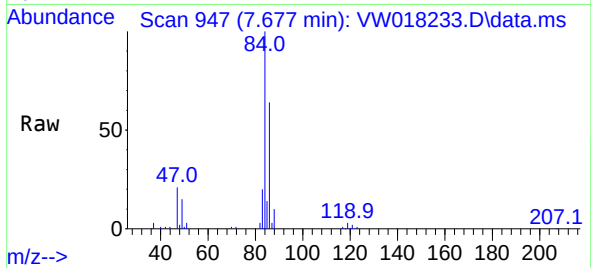
#25
Chloroform
Concen: 1.17 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 83 Resp: 11673
Ion Ratio Lower Upper
83 100
85 71.3 44.6 82.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

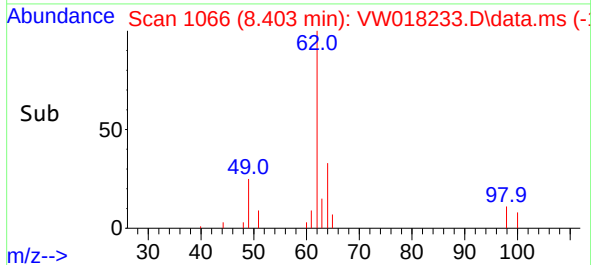
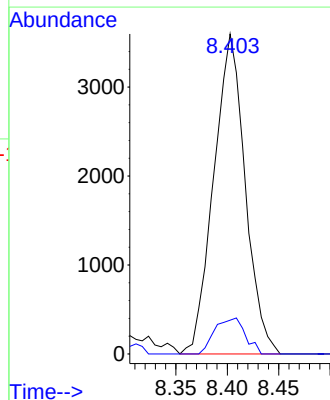
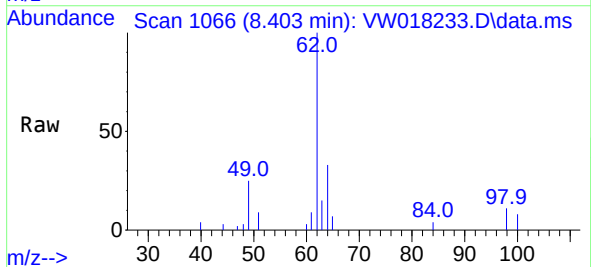
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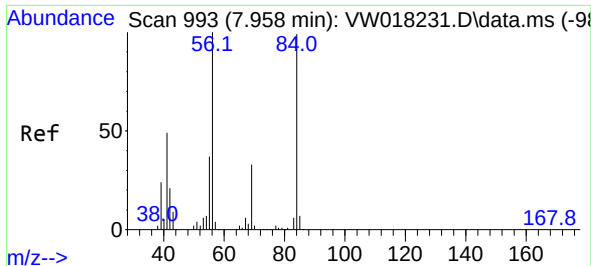
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2/25/2021 12:18:16 PM



#27
1,2-Dichloroethane
Concen: 1.27 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

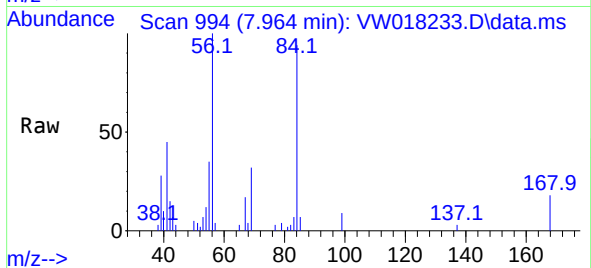
Tgt Ion: 62 Resp: 7658
Ion Ratio Lower Upper
62 100
98 10.6 6.9 10.3#





#29
Cyclohexane
Concen: 1.09 ug/L m
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

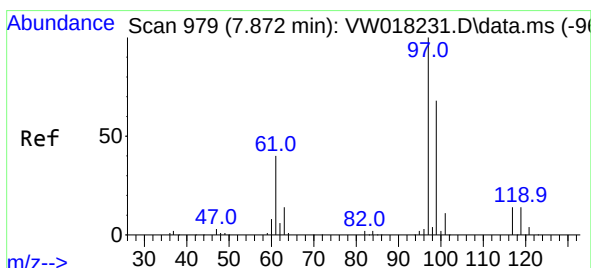
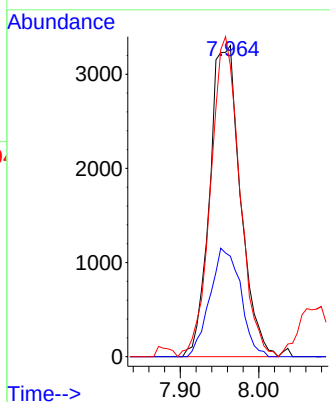
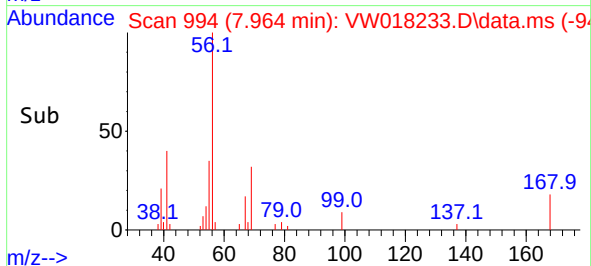
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



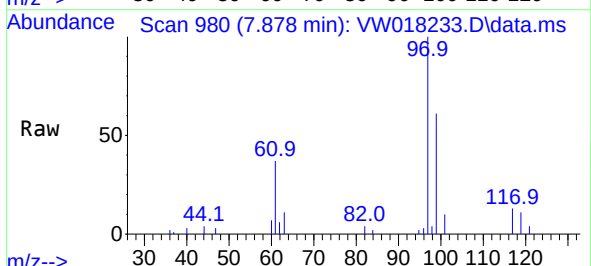
Tgt Ion: 56 Resp: 8968
Ion Ratio Lower Upper
56 100
69 0.0 24.5 36.7#
84 8.3 75.0 112.4#

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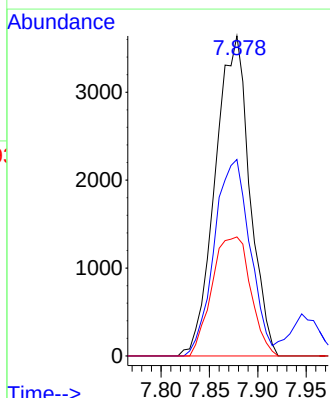
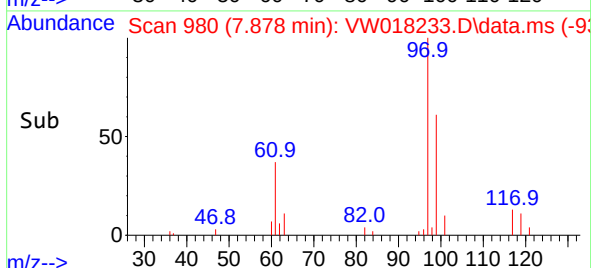
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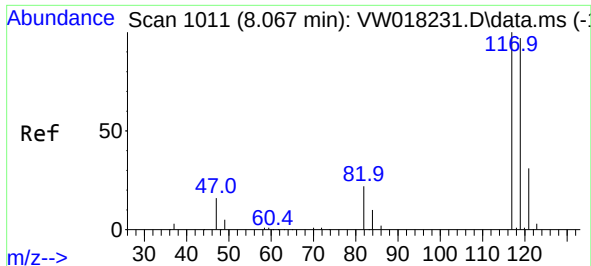


#30
1,1,1-Trichloroethane
Concen: 1.09 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



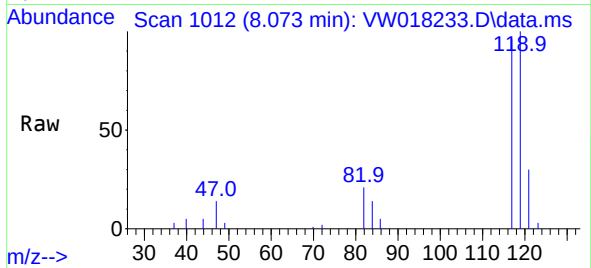
Tgt Ion: 97 Resp: 9003
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 41.7 37.8 56.6





#31
Carbon tetrachloride
Concen: 1.10 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

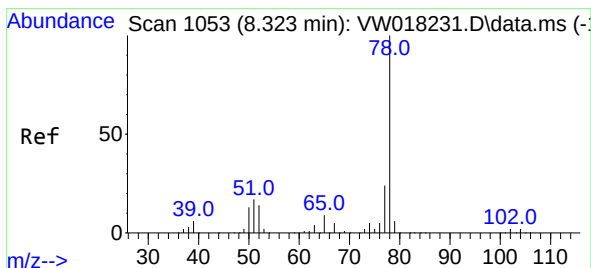
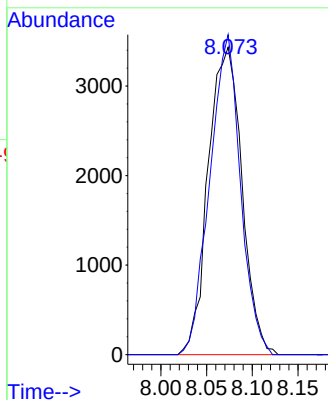
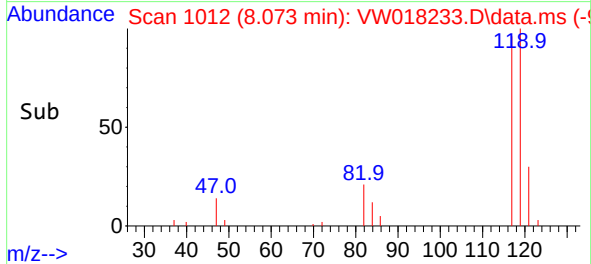
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



Tgt Ion:117 Resp: 8812
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7

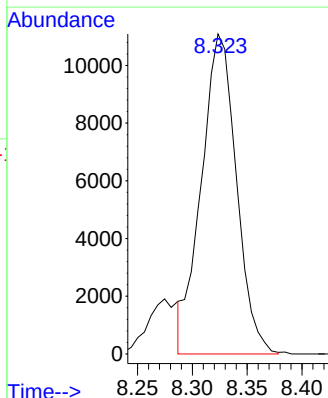
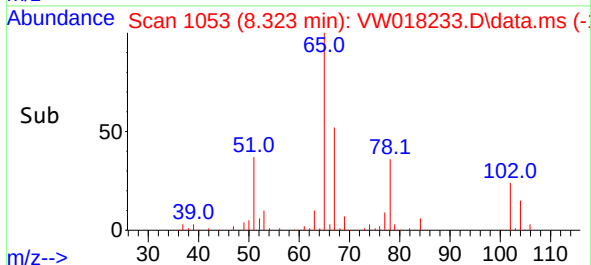
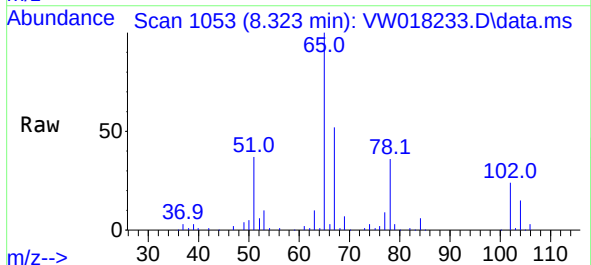
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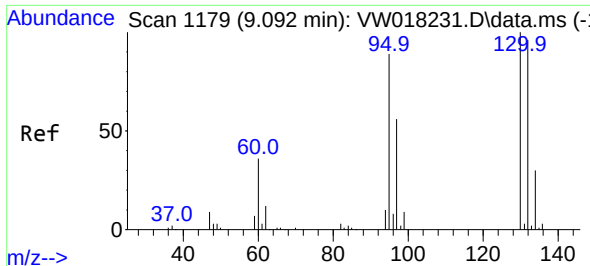
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#33
Benzene
Concen: 1.12 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 78 Resp: 24649





#34
Trichloroethene
Concen: 1.12 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

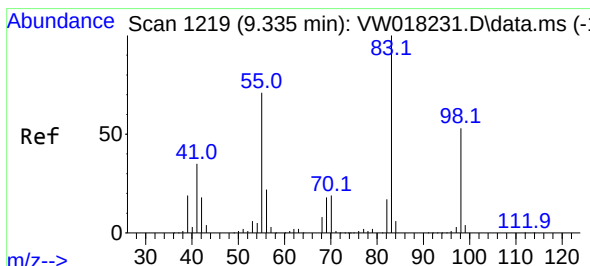
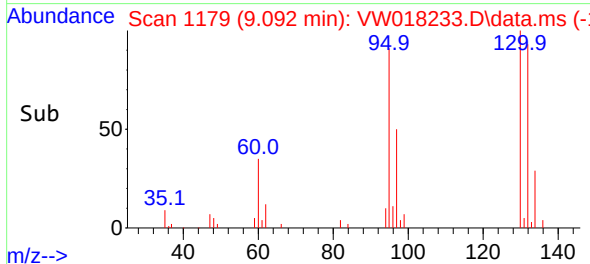
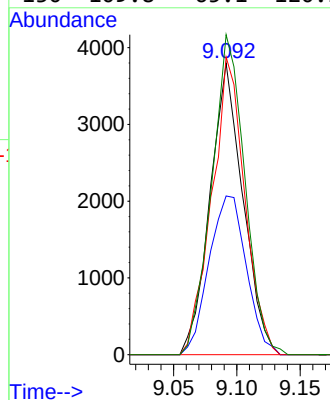
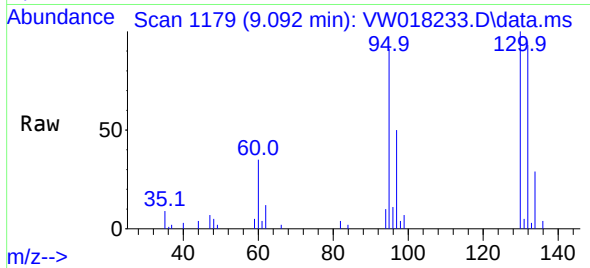
Tgt Ion: 95 Resp: 6851

Ion	Ratio	Lower	Upper
95	100		
97	54.5	47.3	87.8
132	102.2	71.0	131.8
130	109.8	65.1	120.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

Manual Integrations
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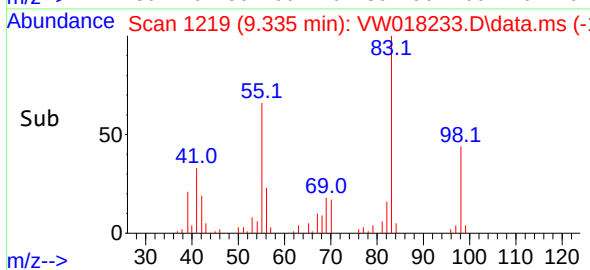
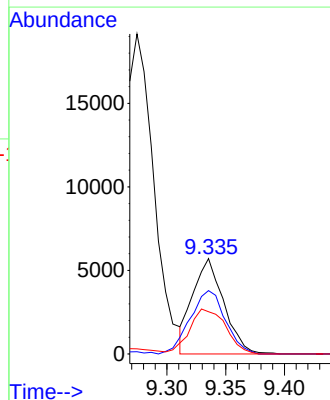
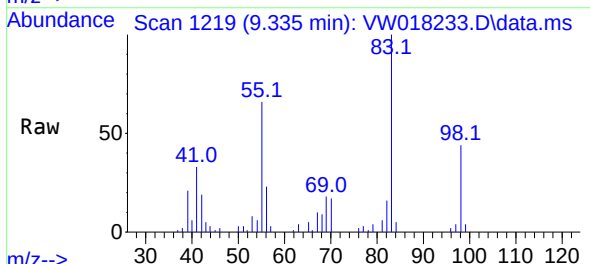
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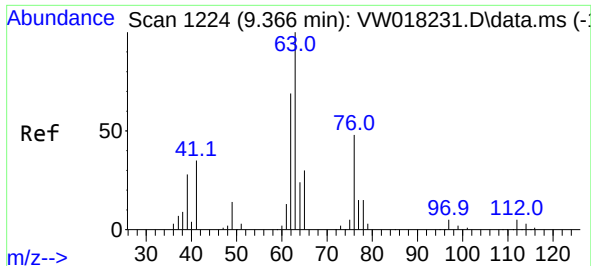


#35
Methylcyclohexane
Concen: 1.04 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 83 Resp: 10512

Ion	Ratio	Lower	Upper
83	100		
55	75.2	58.9	88.3
98	54.8	40.1	60.1





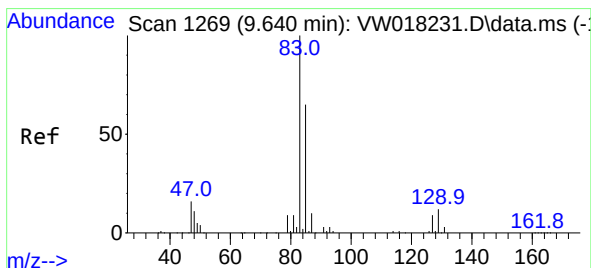
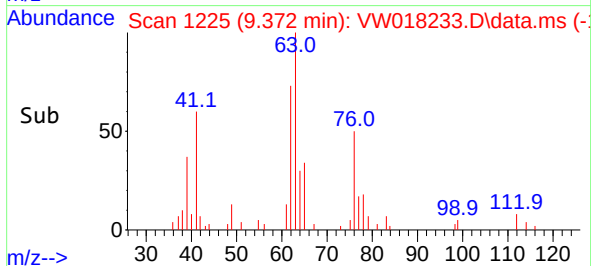
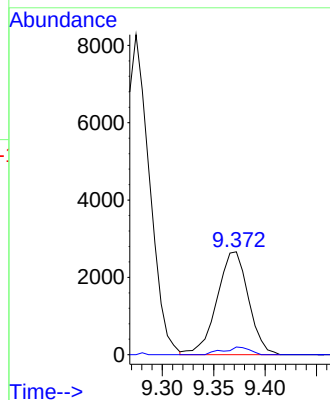
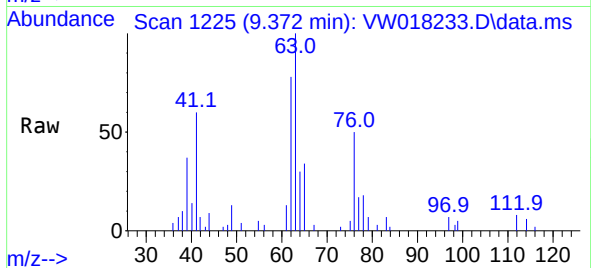
#37
1,2-Dichloropropane
Concen: 1.12 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 63 Resp: 5679
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

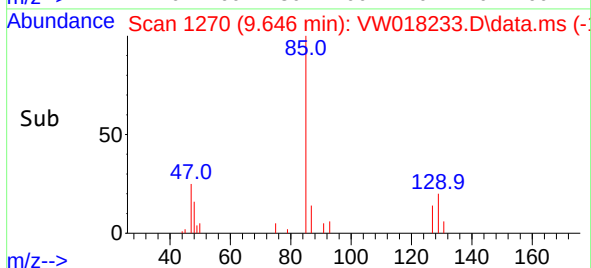
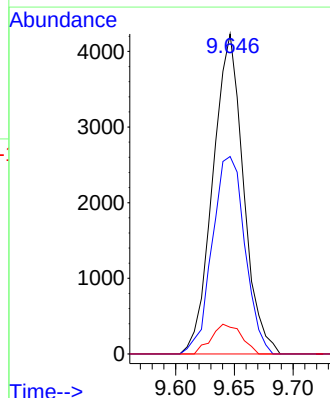
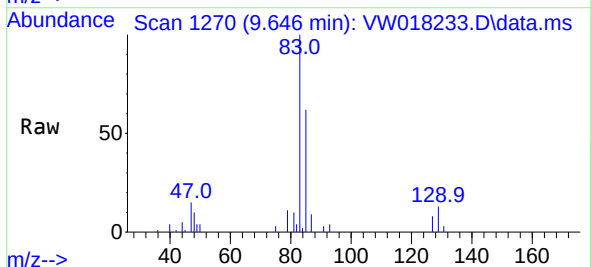
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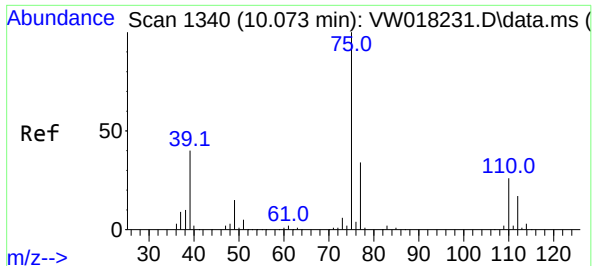
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2/25/2021 12:18:16 PM



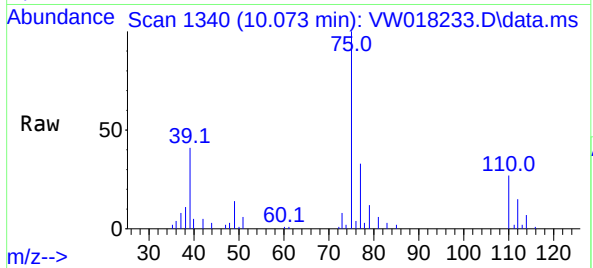
#38
Bromodichloromethane
Concen: 1.08 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 83 Resp: 7658
Ion Ratio Lower Upper
83 100
85 61.7 42.3 78.5
127 8.4 6.6 9.8

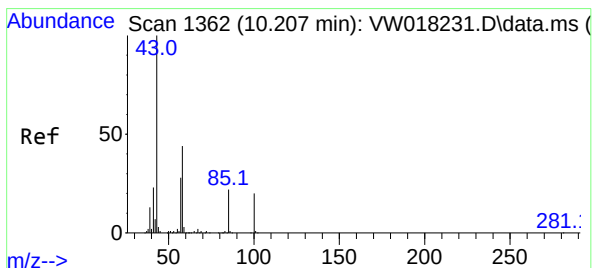
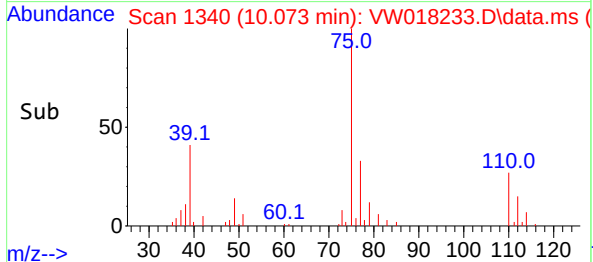
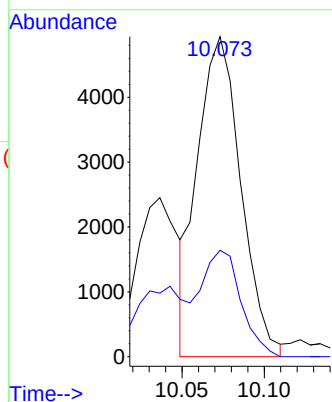




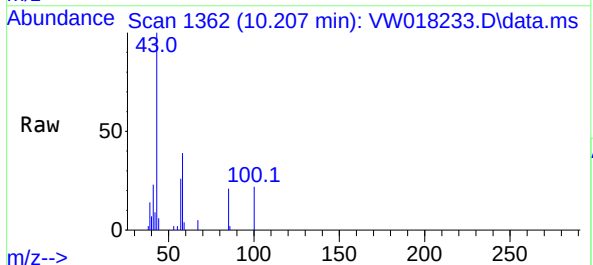
#39
cis-1,3-Dichloropropene
Concen: 1.11 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



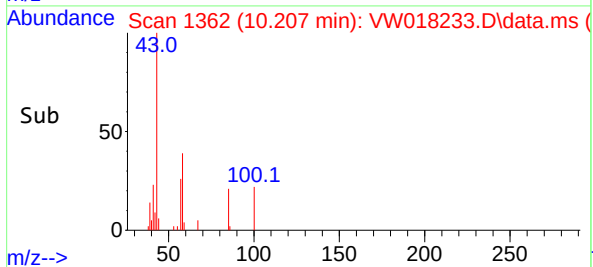
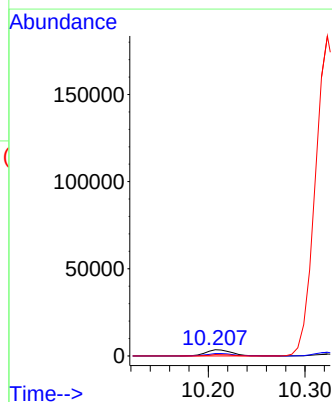
Tgt Ion: 75 Resp: 9015
Ion Ratio Lower Upper
75 100
77 33.2 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 2.63 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



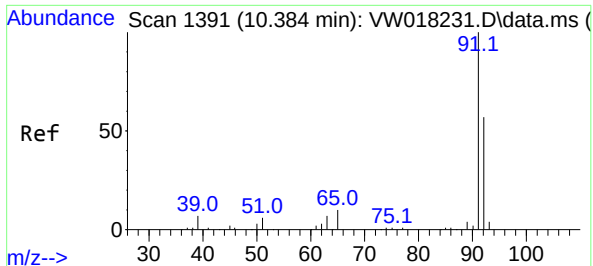
Tgt Ion: 43 Resp: 6773
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.4
100 19.0 13.0 19.6



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

Manual Integrations
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2/25/2021 12:18:16 PM



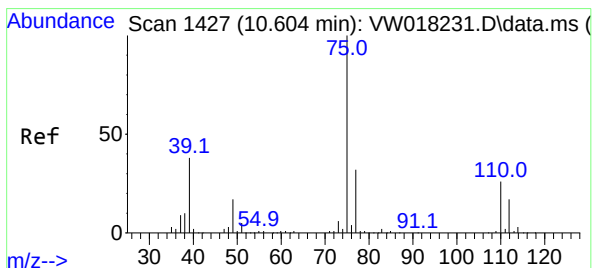
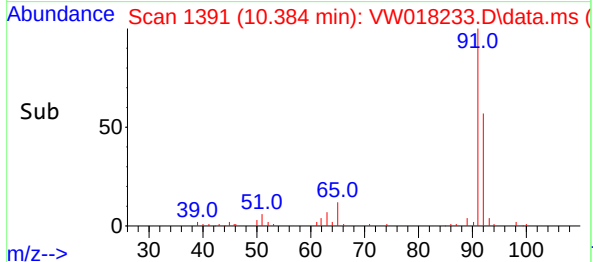
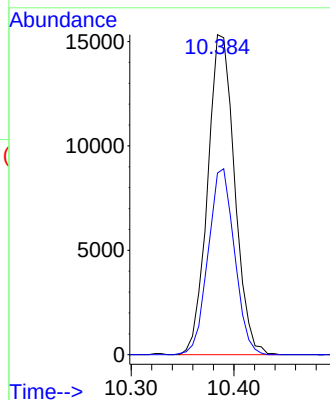
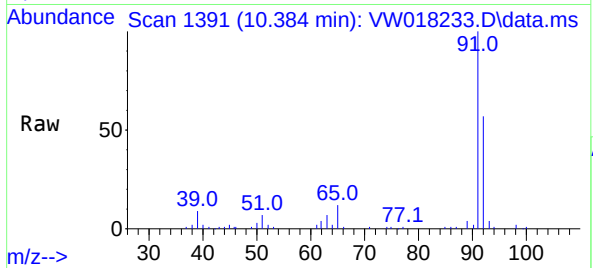
#42
Toluene
Concen: 1.16 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 91 Resp: 27987
Ion Ratio Lower Upper
91 100
92 56.7 39.5 73.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

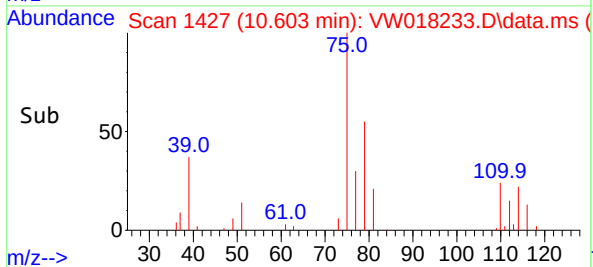
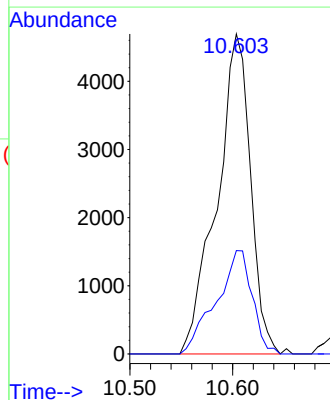
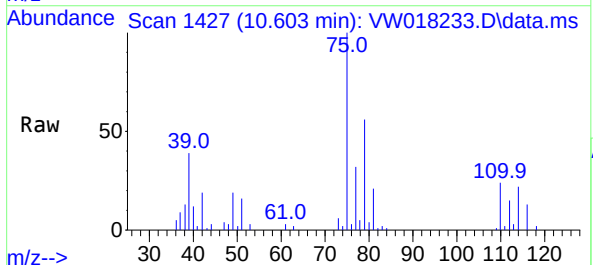
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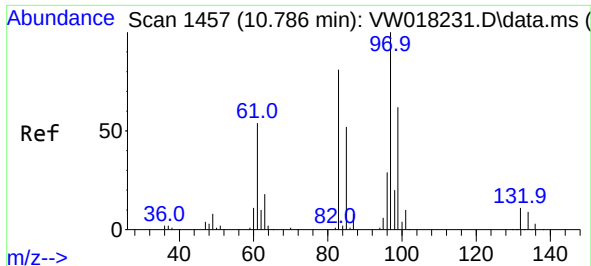
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2/25/2021 12:18:16 PM



#44
trans-1,3-Dichloropropene
Concen: 1.53 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
77 32.3 21.1 39.1





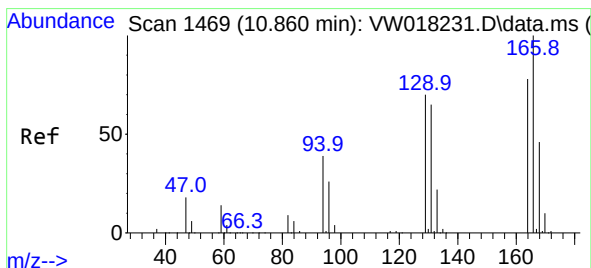
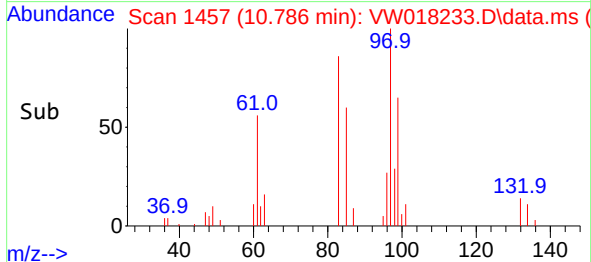
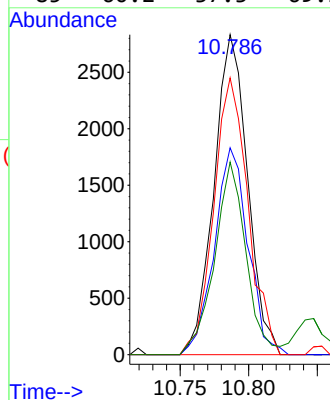
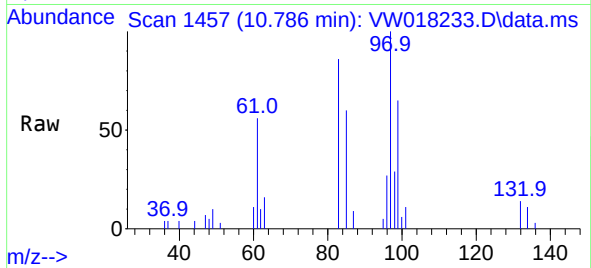
#45
1,1,2-Trichloroethane
Concen: 1.16 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:	97	Resp:	4831
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.1	83.7
83	86.5	58.1	107.9
85	60.2	37.3	69.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

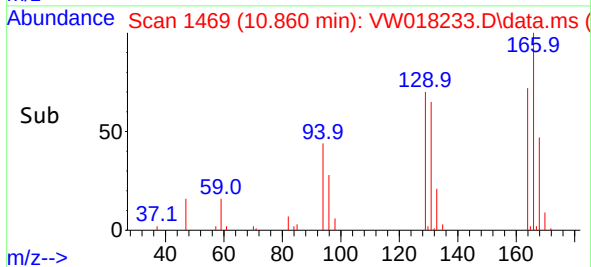
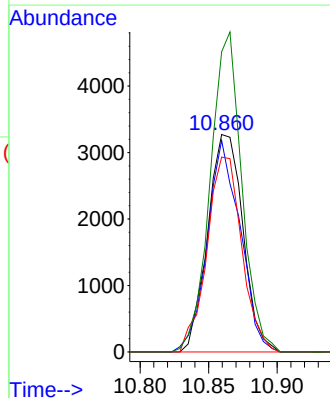
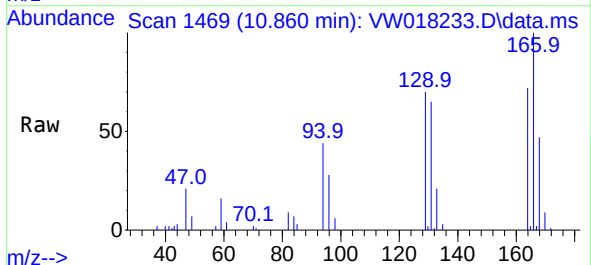
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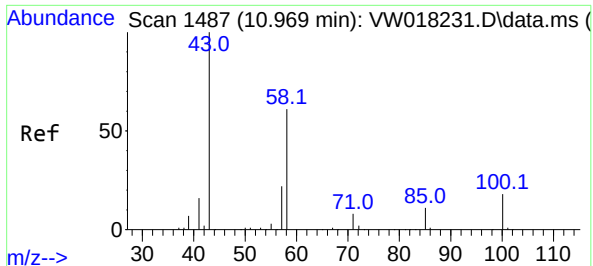
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2/25/2021 12:18:16 PM



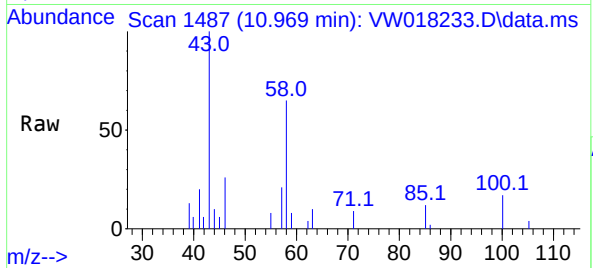
#46
Tetrachloroethene
Concen: 1.08 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:	164	Resp:	5852
Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.7	123.9
131	89.6	61.1	113.5
166	138.0	87.0	161.6



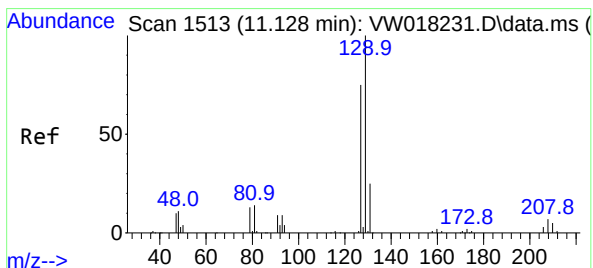
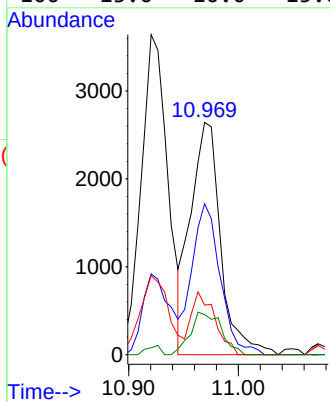
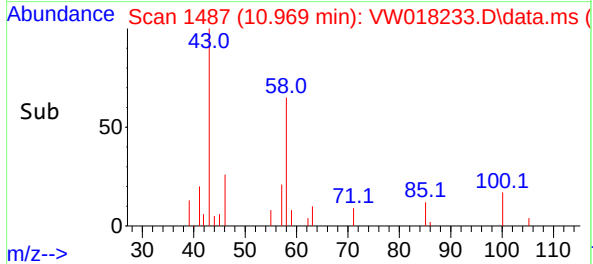


#48
2-Hexanone
Concen: 2.88 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

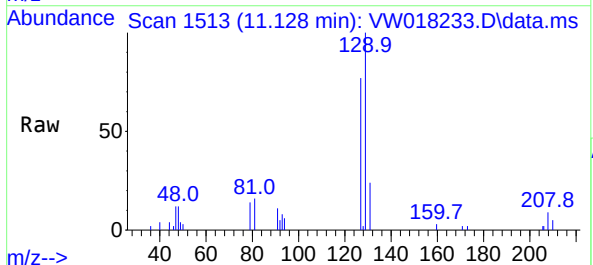


Tgt Ion: 43 Resp: 5062

Ion	Ratio	Lower	Upper
43	100		
58	61.0	42.7	64.1
57	20.9	15.8	23.8
100	13.0	10.0	15.0

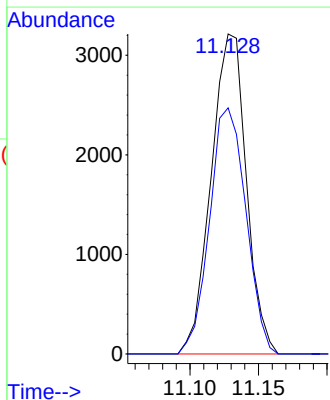
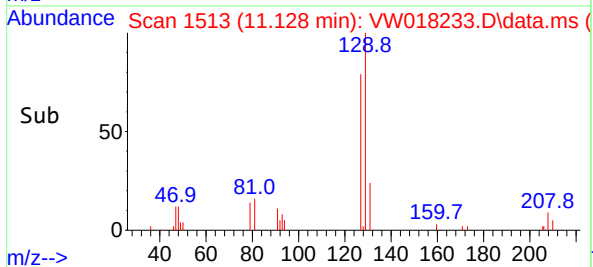


#49
Dibromochloromethane
Concen: 1.12 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



Tgt Ion: 129 Resp: 5752

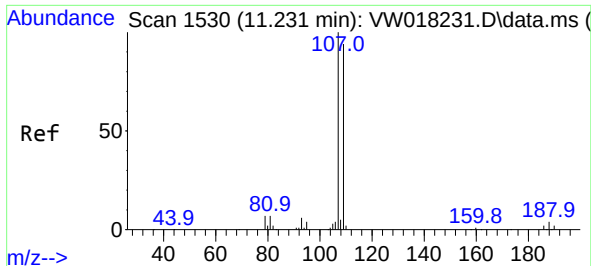
Ion	Ratio	Lower	Upper
129	100		
127	76.9	51.7	95.9



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

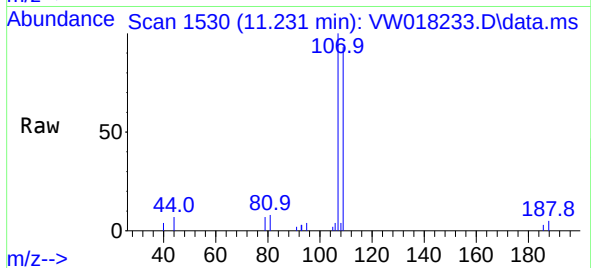
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2/25/2021 12:18:16 PM



#50
1,2-Dibromoethane
Concen: 1.18 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

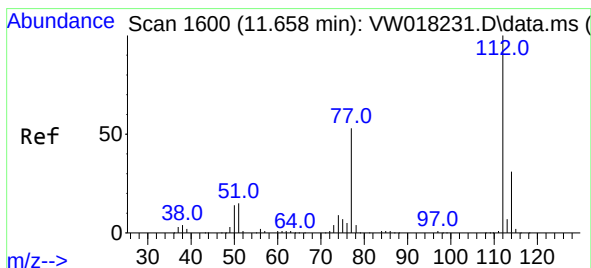
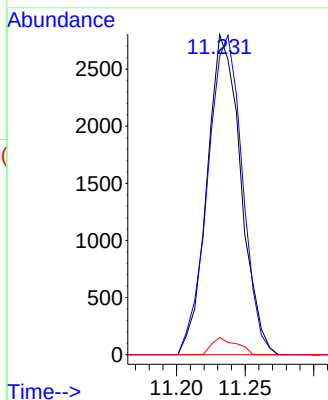
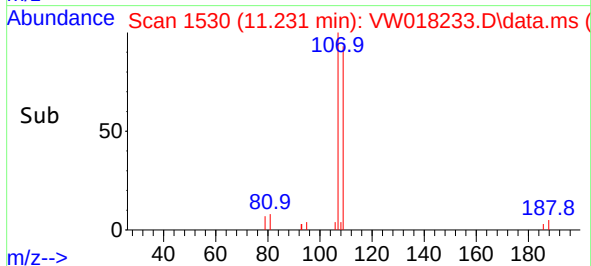
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



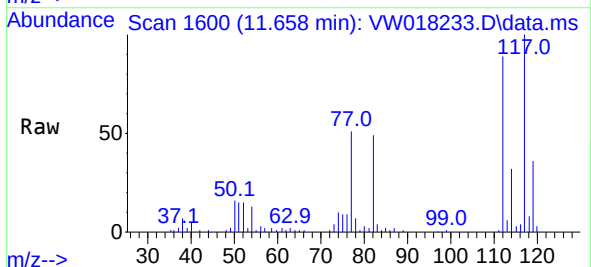
Tgt Ion:107 Resp: 4806
Ion Ratio Lower Upper
107 100
109 93.3 65.4 121.4
188 5.4 2.6 4.0#

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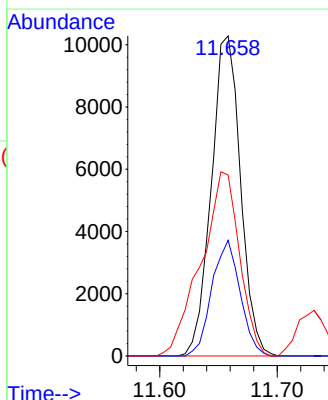
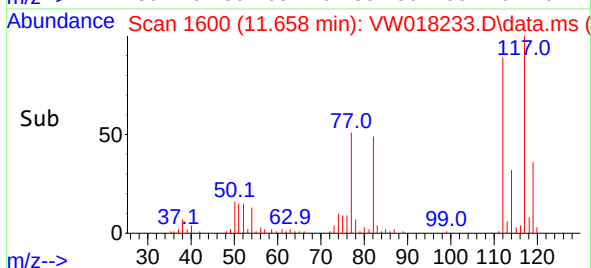
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2/25/2021 12:18:16 PM

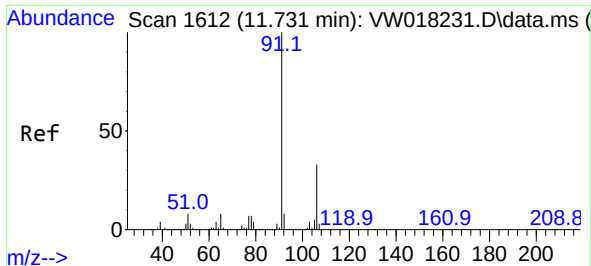


#51
Chlorobenzene
Concen: 1.10 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

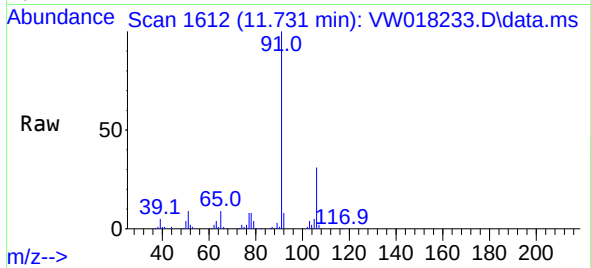


Tgt Ion:112 Resp: 17777
Ion Ratio Lower Upper
112 100
114 36.2 23.4 43.6
77 56.5 47.6 71.4

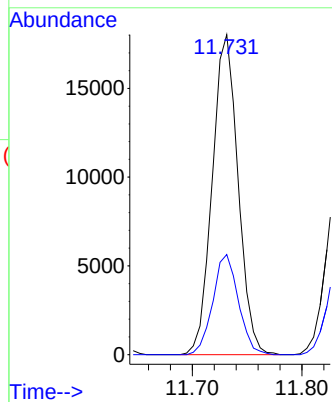
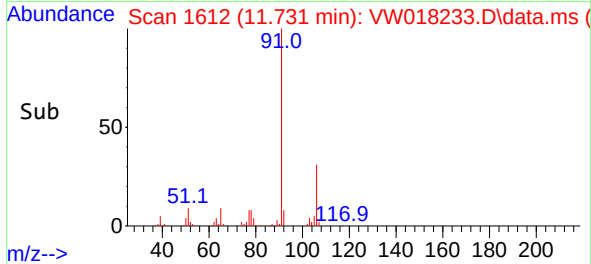




#52
Ethylbenzene
Concen: 1.08 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



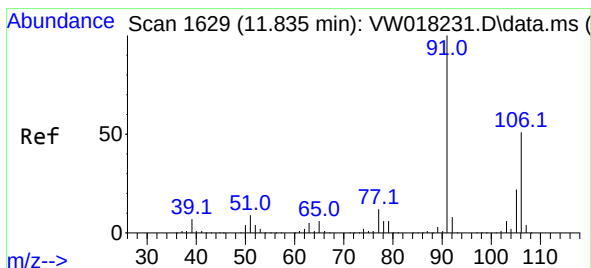
Tgt Ion: 91 Resp: 29491
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.7



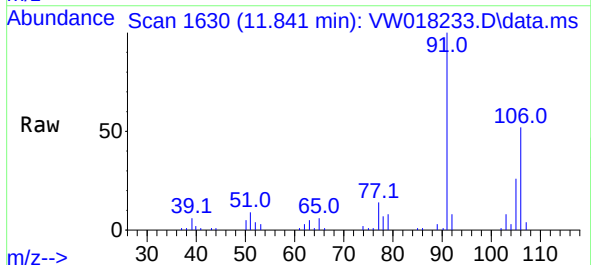
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

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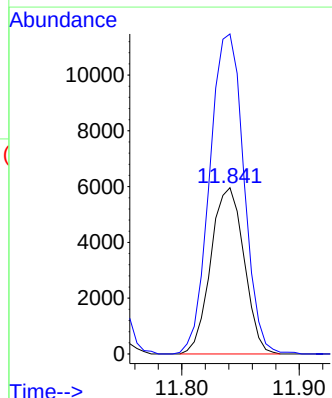
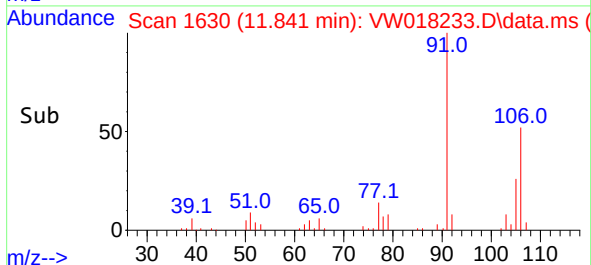
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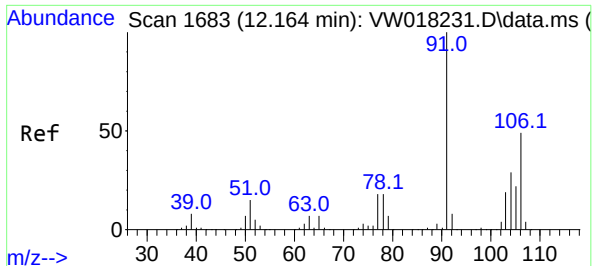


#53
m,p-Xylene
Concen: 1.10 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



Tgt Ion:106 Resp: 11722
Ion Ratio Lower Upper
106 100
91 192.6 141.3 262.3





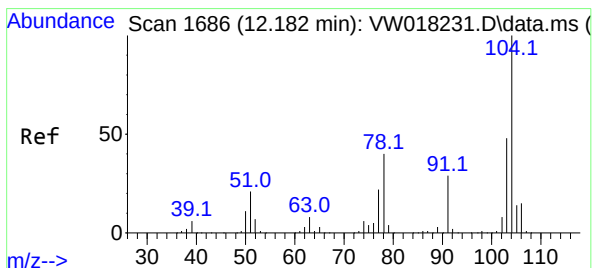
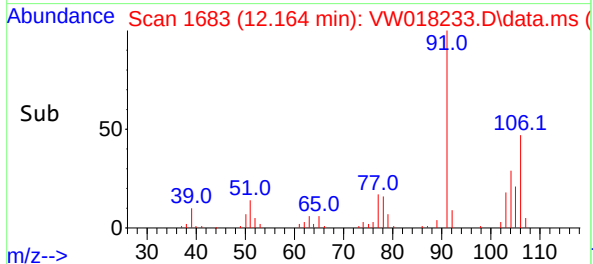
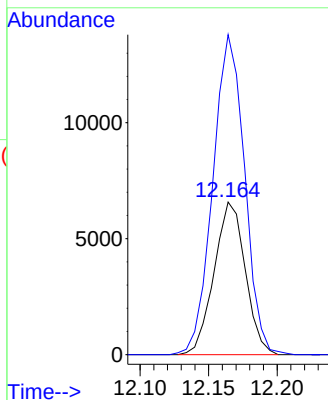
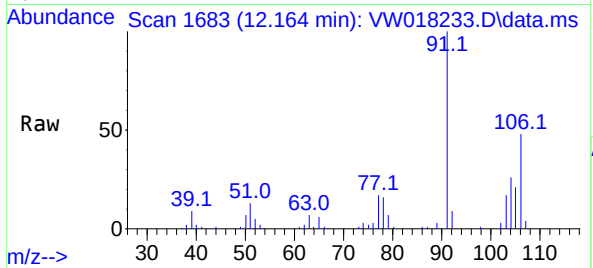
#54
o-Xylene
Concen: 1.04 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tgt Ion:106 Resp: 10428
Ion Ratio Lower Upper
106 100
91 209.7 150.0 278.6

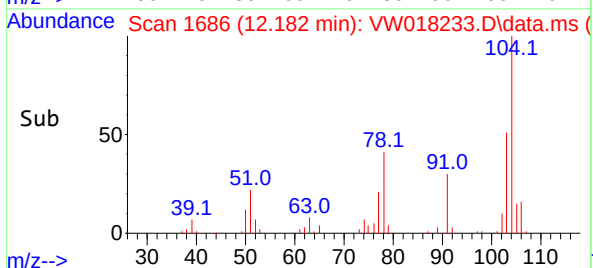
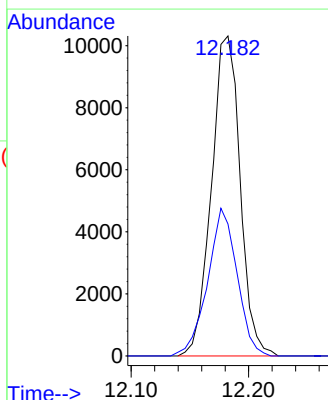
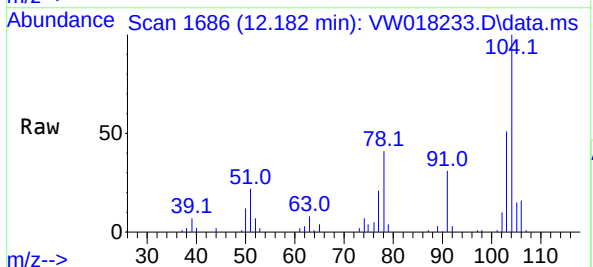
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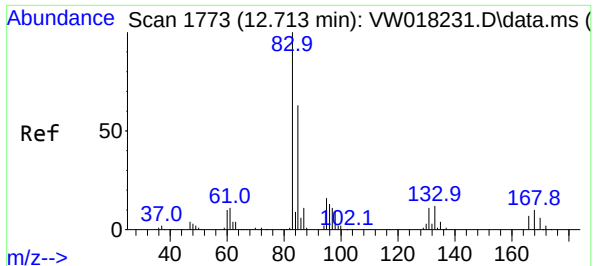
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2/25/2021 12:18:16 PM



#55
Styrene
Concen: 1.04 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:104 Resp: 17513
Ion Ratio Lower Upper
104 100
78 41.2 32.5 60.3





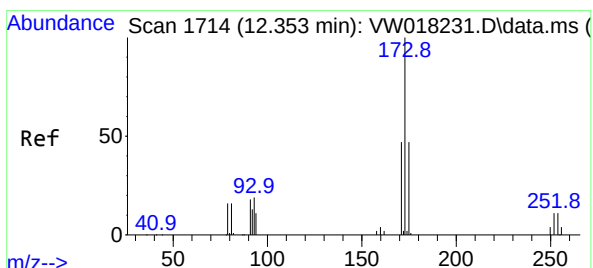
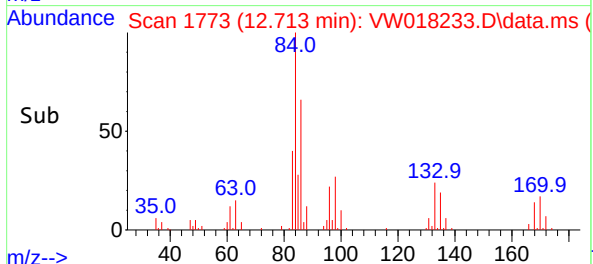
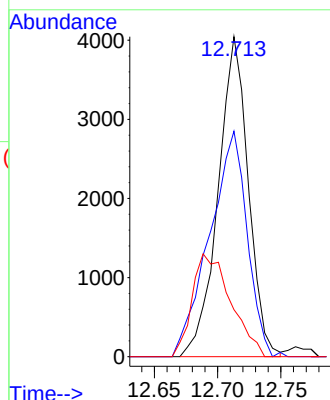
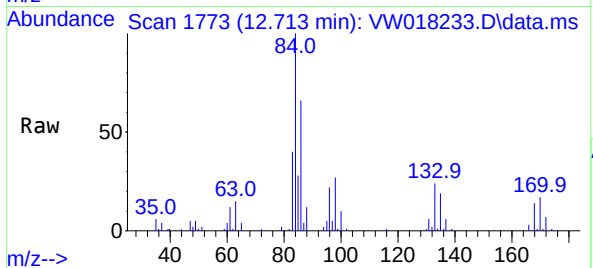
#57
1,1,2,2-Tetrachloroethane
Concen: 1.45 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:	83	Resp:	6718
Ion Ratio	Lower	Upper	
83	100		
85	70.4	44.4	82.4
131	14.7	8.2	12.4#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

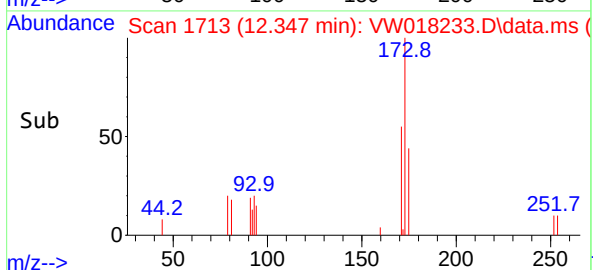
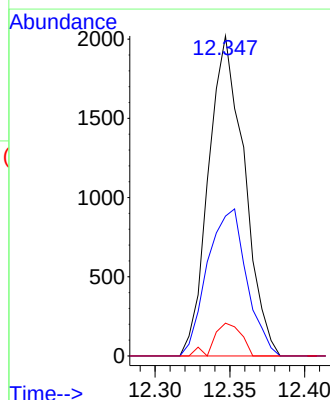
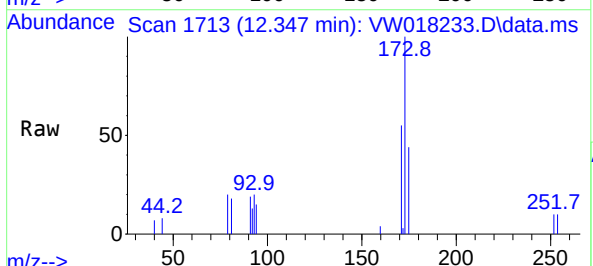
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2/25/2021 12:18:16 PM

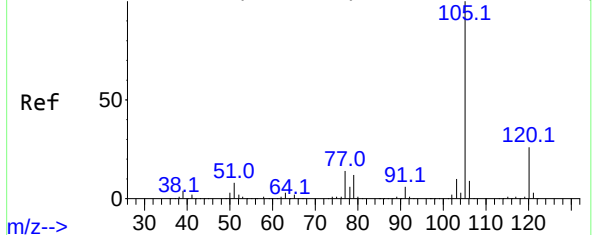


#59
Bromoform
Concen: 1.12 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

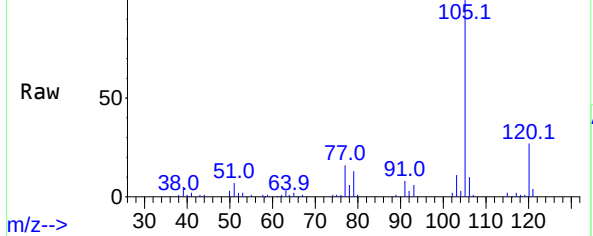
Tgt Ion:	173	Resp:	3364
Ion Ratio	Lower	Upper	
173	100		
175	50.4	37.5	56.3
254	7.2	7.0	10.4



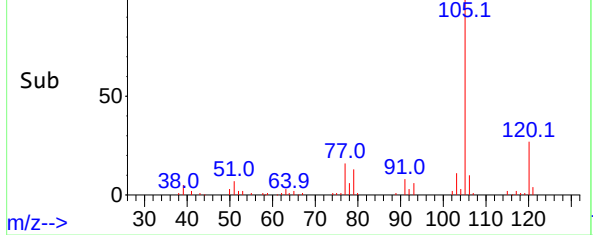
Abundance Scan 1732 (12.463 min): VW018231.D\data.ms (



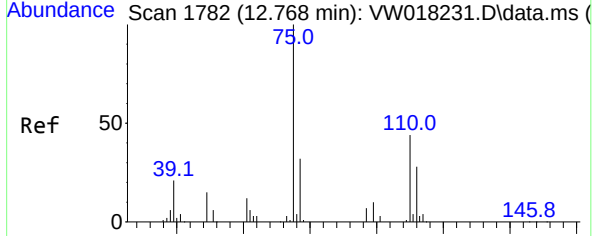
m/z--> Abundance Scan 1732 (12.463 min): VW018233.D\data.ms



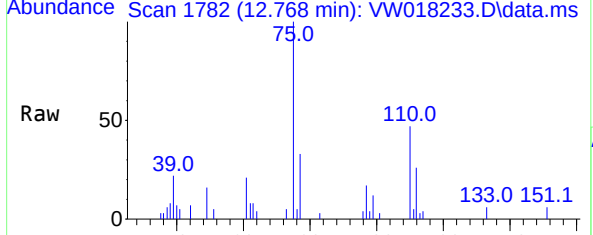
m/z--> Abundance Scan 1732 (12.463 min): VW018233.D\data.ms (



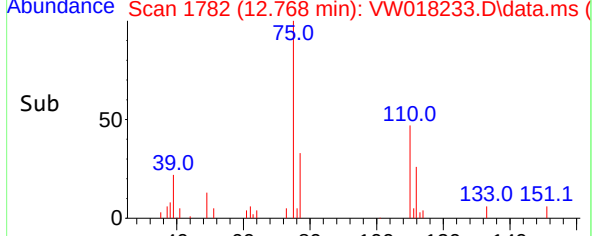
m/z--> Abundance Scan 1782 (12.768 min): VW018231.D\data.ms (



m/z--> Abundance Scan 1782 (12.768 min): VW018233.D\data.ms



m/z--> Abundance Scan 1782 (12.768 min): VW018233.D\data.ms (



m/z--> Abundance

#60

Isopropylbenzene

Concen: 1.02 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW018233.D

Acq: 24 Feb 2021 11:48

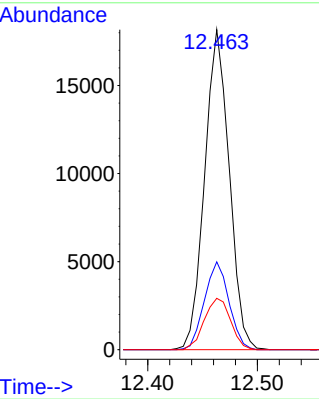
Tgt Ion: 105 Resp: 28293

Ion Ratio Lower Upper

105 100

120 27.4 21.1 31.7

77 17.1 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 1.32 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW018233.D

Acq: 24 Feb 2021 11:48

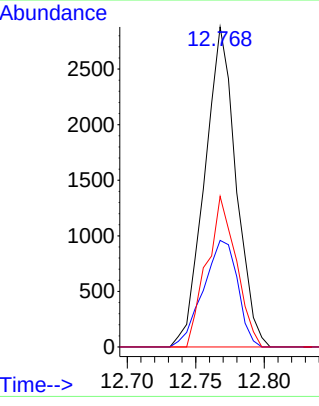
Tgt Ion: 75 Resp: 4591

Ion Ratio Lower Upper

75 100

77 36.4 25.3 37.9

110 44.0 32.6 48.8



Instrument :

MSVOA_W

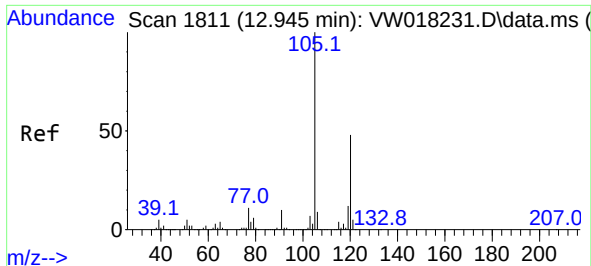
ClientSampleId :

MDL-SOIL-QT2-2021-04

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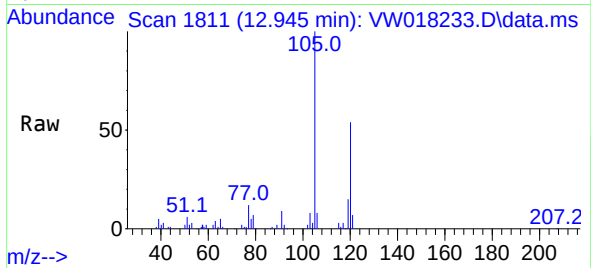
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2/25/2021 12:18:16 PM



#62
1,3,5-Trimethylbenzene
Concen: 0.98 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

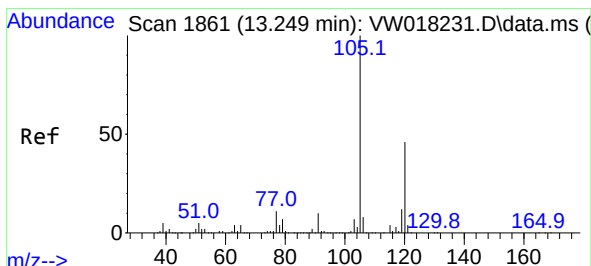
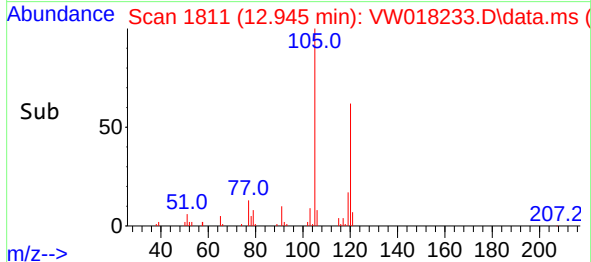
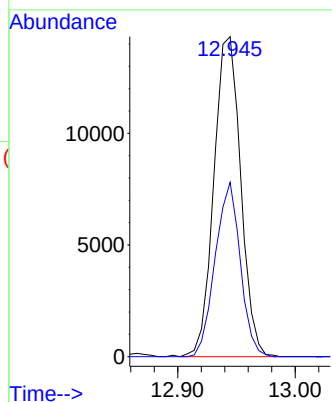
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



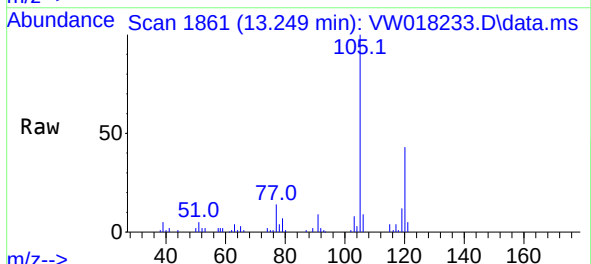
Tgt Ion:105 Resp: 22751
Ion Ratio Lower Upper
105 100
120 50.8 39.0 58.6

Manual Integrations
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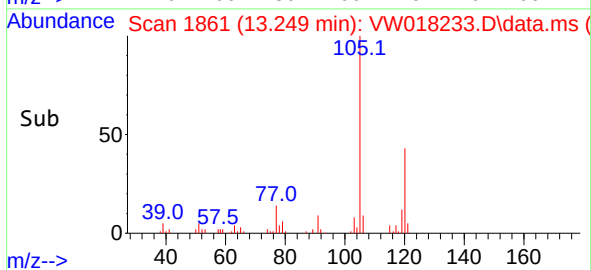
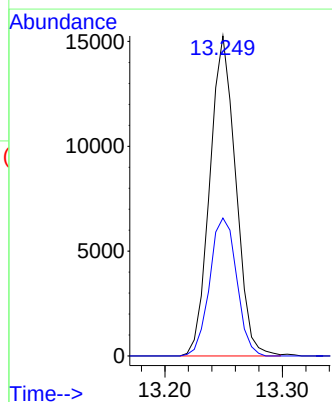
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2/25/2021 12:18:16 PM

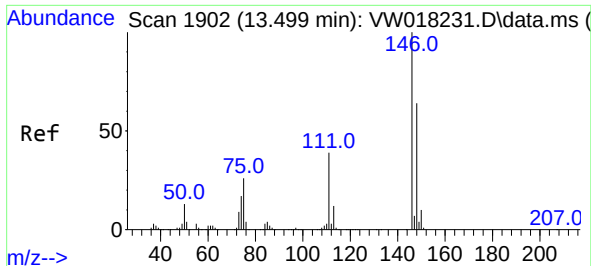


#63
1,2,4-Trimethylbenzene
Concen: 1.01 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



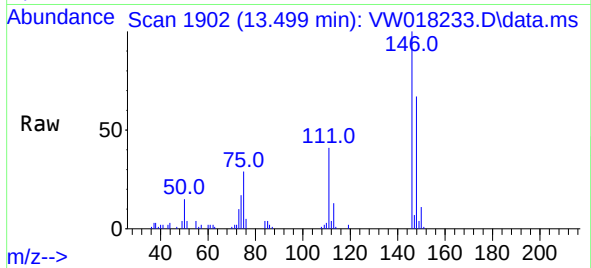
Tgt Ion:105 Resp: 23411
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 1.07 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

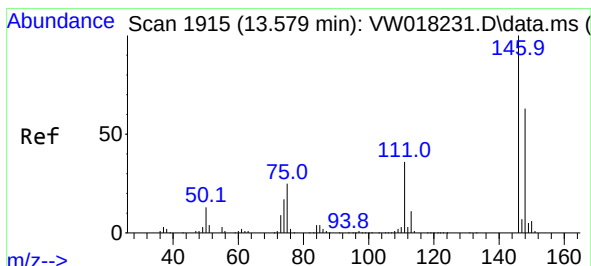
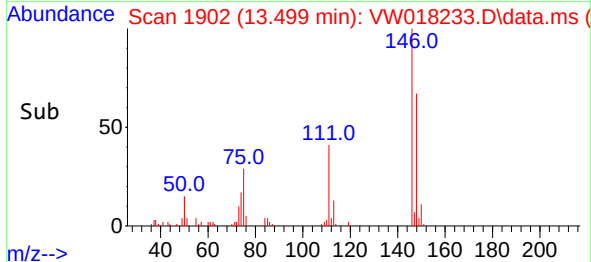
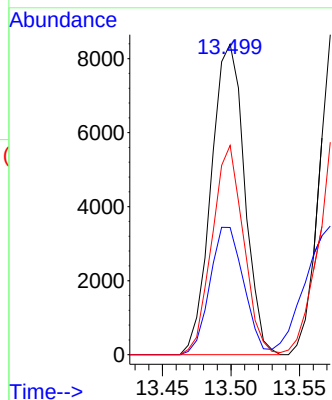
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



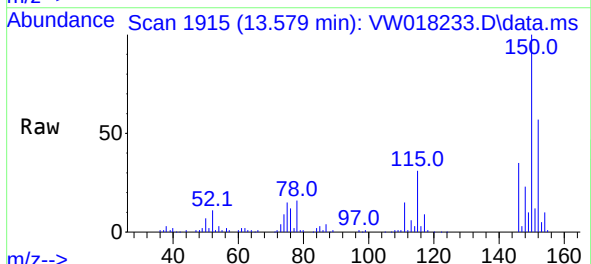
Tgt Ion:146 Resp: 14222
Ion Ratio Lower Upper
146 100
111 41.0 26.7 49.7
148 67.4 41.1 76.3

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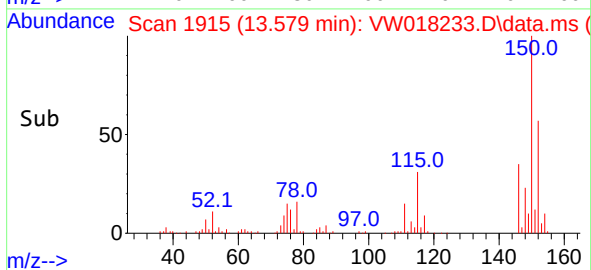
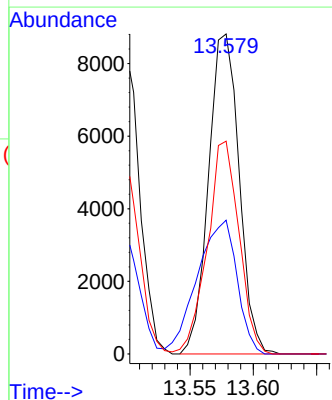
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2/25/2021 12:18:16 PM

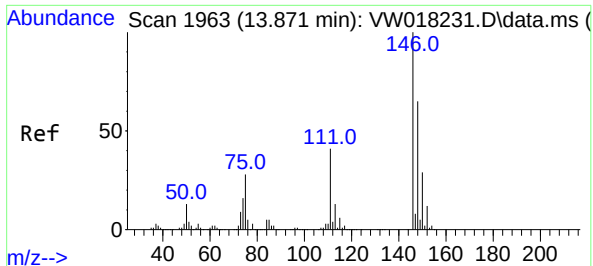


#65
1,4-Dichlorobenzene
Concen: 1.12 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

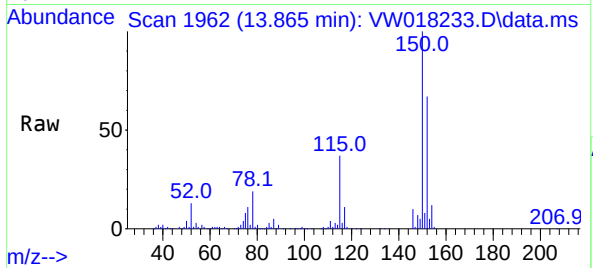


Tgt Ion:146 Resp: 14831
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.4
148 66.5 46.8 87.0

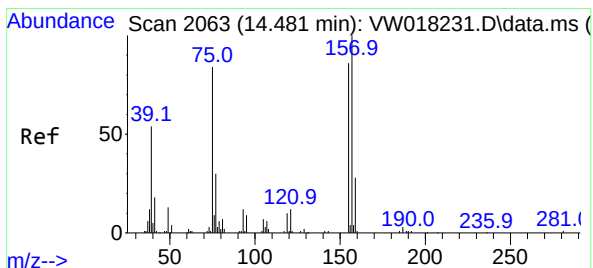
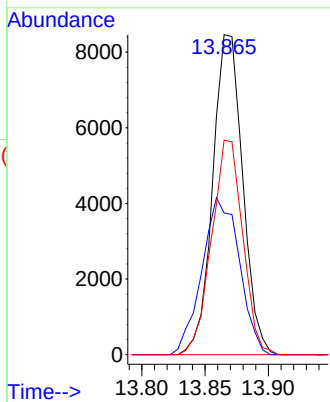
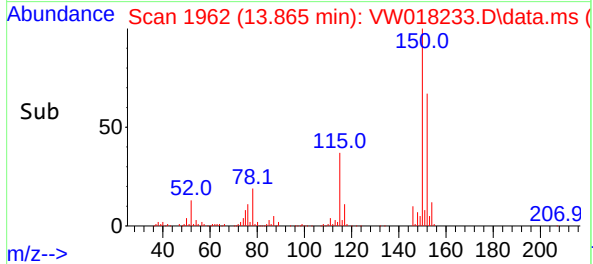




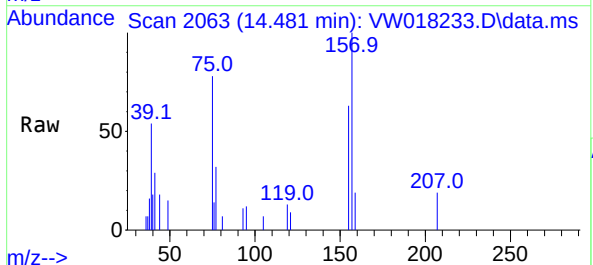
#67
1,2-Dichlorobenzene
Concen: 1.17 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



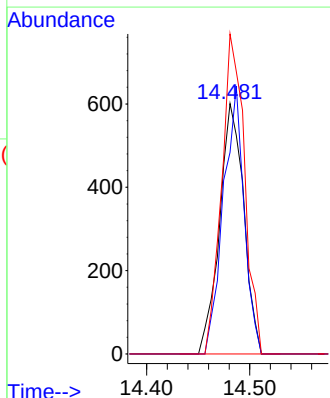
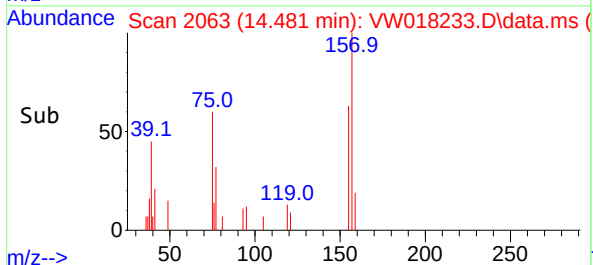
Tgt Ion:	146	Resp:	13947
Ion Ratio	Lower	Upper	
146	100		
111	44.3	33.2	49.8
148	67.0	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.30 ug/L m
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



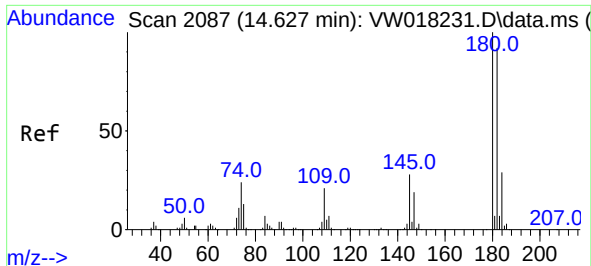
Tgt Ion:	75	Resp:	978
Ion Ratio	Lower	Upper	
75	100		
155	80.5	59.4	89.0
157	127.8	72.2	108.2#



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

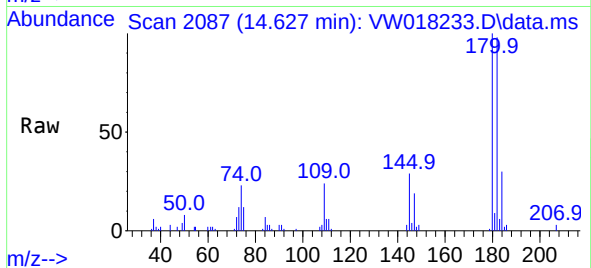
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2/25/2021 12:18:16 PM



#69
1,3,5-Trichlorobenzene
Concen: 1.15 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

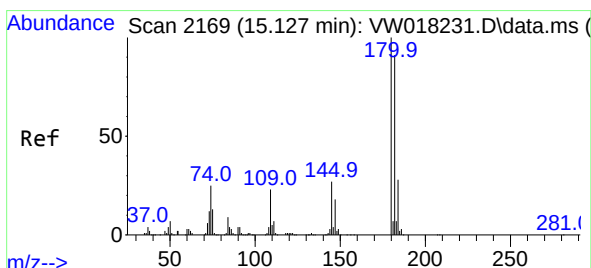
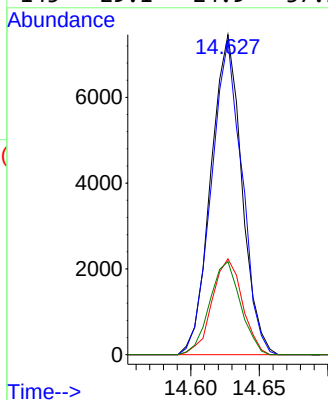
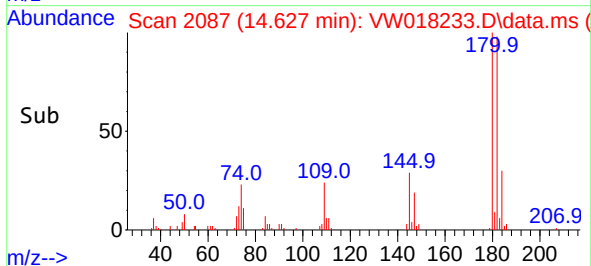
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04



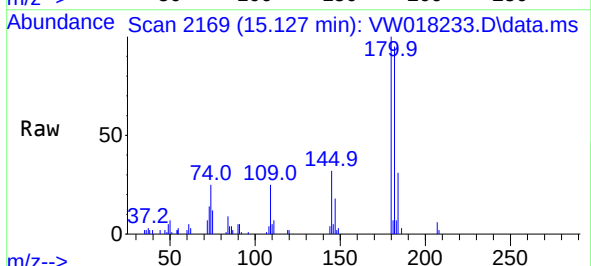
Tgt Ion:	180	Resp:	11701
Ion Ratio	Lower	Upper	
180	100		
182	97.2	73.4	110.2
184	29.4	23.6	35.4
145	29.1	24.9	37.3

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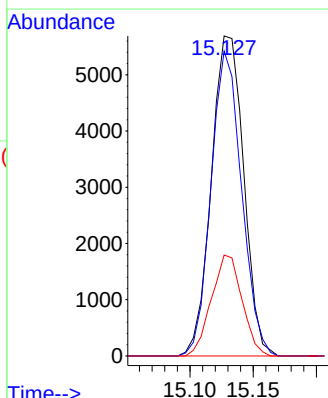
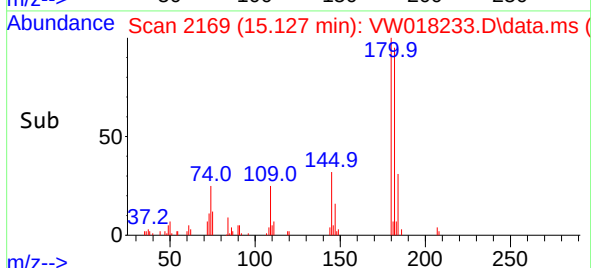
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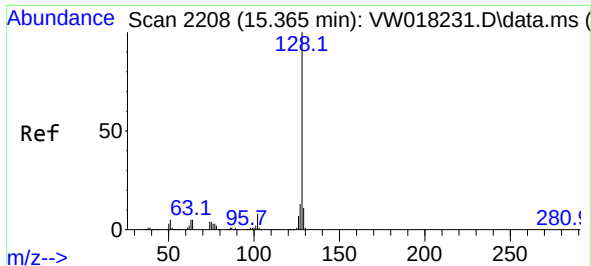


#70
1,2,4-trichlorobenzene
Concen: 1.20 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48



Tgt Ion:	180	Resp:	10104
Ion Ratio	Lower	Upper	
180	100		
182	90.0	74.7	112.1
145	29.9	25.0	37.4





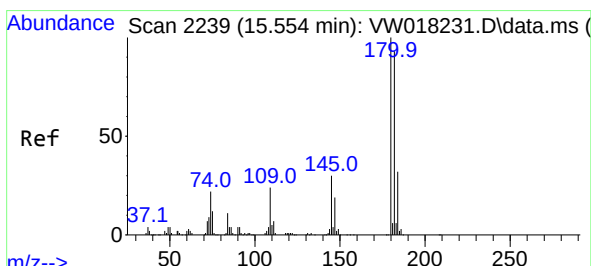
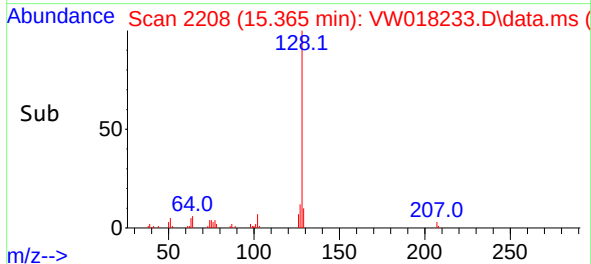
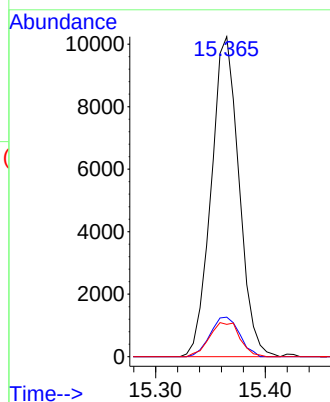
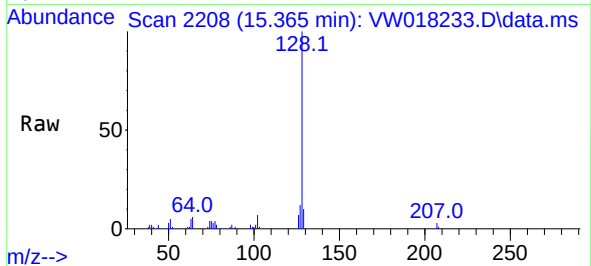
#71
Naphthalene
Concen: 1.21 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:	128	Resp:	18009
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.8	9.0	13.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2021-04

Manual Integrations
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2/25/2021 12:18:16 PM



#72
1,2,3-Trichlorobenzene
Concen: 1.18 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018233.D
Acq: 24 Feb 2021 11:48

Tgt Ion:	180	Resp:	8766
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.7	115.1
145	30.9	28.9	43.3

