

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051821\
 Data File : VW019013.D
 Acq On : 18 May 2021 11:32
 Operator : SY/VA
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 5/21/2021 6:47:31 PM

Quant Time: May 19 01:15:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 19 01:14:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	564486	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	519437	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	249870	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146577	25.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.08%			
7) Chloroethane-d5	2.898	69	124922	22.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	4.025	63	227267	17.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.32%			
21) 2-Butanone-d5	7.080	46	84141	55.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.24%			
24) Chloroform-d	7.647	84	342950	23.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.96%			
26) 1,2-Dichloroethane-d4	8.305	65	188391	25.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	8.275	84	687465	23.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.84%			
36) 1,2-Dichloropropane-d6	9.274	67	206251	24.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.08%			
41) Toluene-d8	10.323	98	640464	23.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.24%			
43) trans-1,3-Dichloroprop...	10.579	79	88456	24.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.84%			
47) 2-Hexanone-d5	10.927	63	67628	53.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.64%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	167408	25.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.84%			
66) 1,2-Dichlorobenzene-d4	13.853	152	212701	24.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	5075	0.88	ug/L	94
3) Chloromethane	2.215	50	6060	1.05	ug/L	99
5) Vinyl chloride	2.367	62	9582m	1.29	ug/L	
6) Bromomethane	2.788	94	6884	1.12	ug/L	99
8) Chloroethane	2.928	64	5860	1.13	ug/L	94
9) Trichlorofluoromethane	3.263	101	5386	0.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	9622m	1.29	ug/L	
12) 1,1-Dichloroethene	4.044	96	10074	1.39	ug/L #	1
13) Acetone	4.141	43	4557	3.55	ug/L	96
14) Carbon disulfide	4.391	76	20833	1.02	ug/L	98
15) Methyl Acetate	4.678	43	3060	1.15	ug/L #	88
16) Methylene chloride	4.928	84	23557	2.49	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	8394	1.05	ug/L	92
18) Methyl tert-butyl Ether	5.422	73	10173m	1.06	ug/L	
19) 1,1-Dichloroethane	6.220	63	15303	1.10	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8704	1.04	ug/L	99
22) 2-Butanone	7.190	43	5625m	3.18	ug/L	
23) Bromochloromethane	7.507	128	3749m	1.04	ug/L	
25) Chloroform	7.677	83	16620	1.17	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	10443	1.17	ug/L	98
29) Cyclohexane	7.958	56	12627	1.02	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	11619	1.03	ug/L #	76
31) Carbon tetrachloride	8.073	117	10951m	1.06	ug/L	
33) Benzene	8.323	78	35579	1.12	ug/L	100
34) Trichloroethene	9.092	95	9743	1.16	ug/L	90
35) Methylcyclohexane	9.335	83	14488	0.99	ug/L	97
37) 1,2-Dichloropropane	9.372	63	8126	1.06	ug/L #	94
38) Bromodichloromethane	9.646	83	9585	0.96	ug/L	87
39) cis-1,3-Dichloropropene	10.073	75	11992	1.04	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	9512	2.40	ug/L	96
42) Toluene	10.390	91	46481	1.33	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	5706	1.02	ug/L	93
46) Tetrachloroethene	10.866	164	6844	1.02	ug/L	97
48) 2-Hexanone	10.969	43	6414	2.48	ug/L	93
49) Dibromochloromethane	11.128	129	6566	1.04	ug/L	99
50) 1,2-Dibromoethane	11.238	107	5329	1.02	ug/L	98
51) Chlorobenzene	11.658	112	22723	1.05	ug/L	93
52) Ethylbenzene	11.731	91	39530	1.02	ug/L	98
53) m,p-Xylene	11.841	106	14868	1.02	ug/L	86
54) o-Xylene	12.170	106	12661	0.92	ug/L	99
55) Styrene	12.183	104	20528	0.88	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	8155	1.26	ug/L #	87
59) Bromoform	12.347	173	3221	1.00	ug/L #	96
60) Isopropylbenzene	12.463	105	35865	0.99	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	5465	1.21	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	27501	0.93	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	28352	0.95	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	17258	1.09	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	17453	1.11	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	15691	1.13	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.475	75	1296	1.34	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	12572	1.09	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	10262	1.12	ug/L	95
71) Naphthalene	15.365	128	16946	1.02	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	8356	1.03	ug/L	97

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

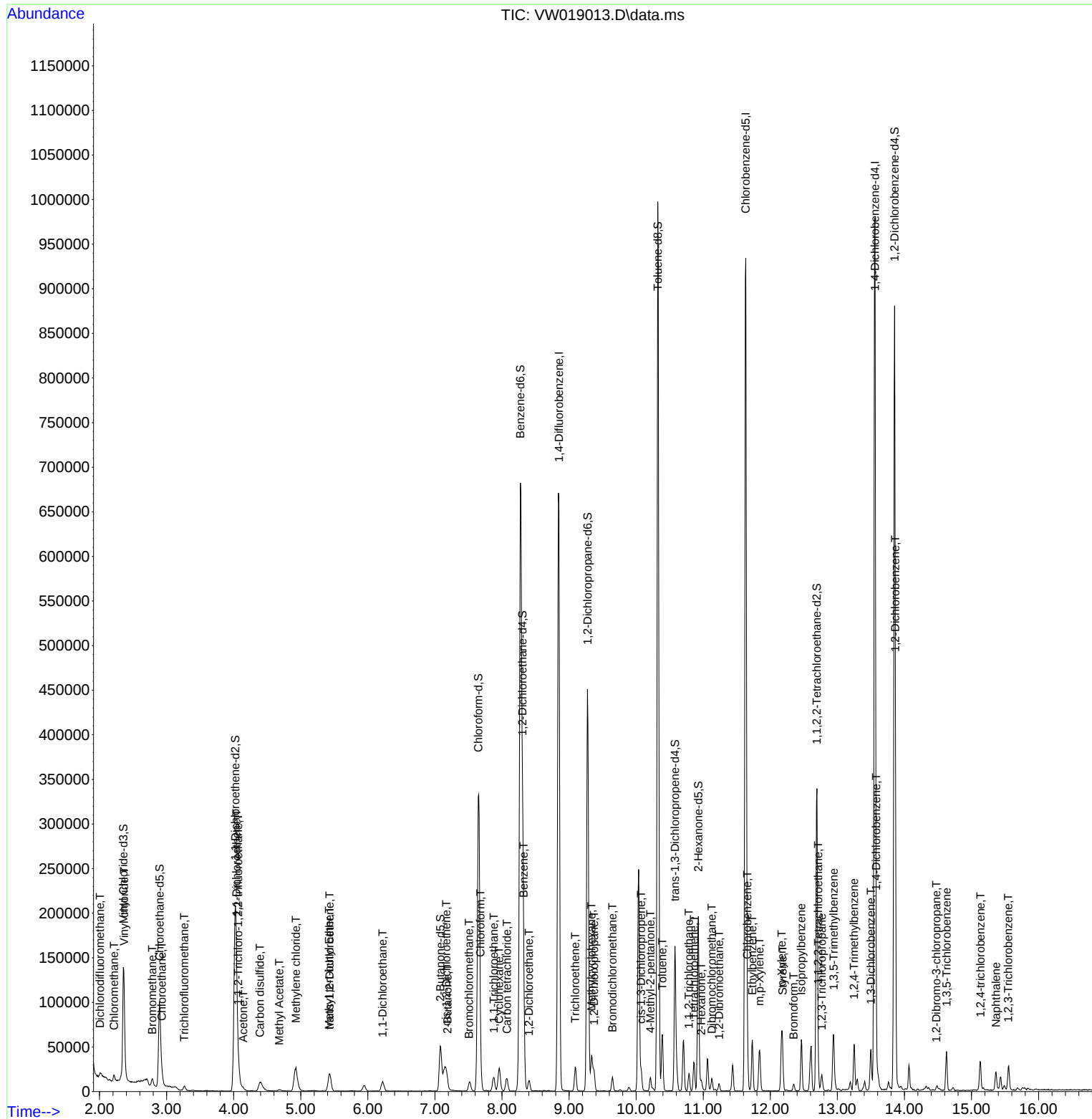
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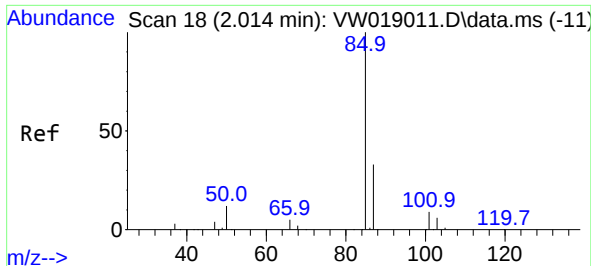
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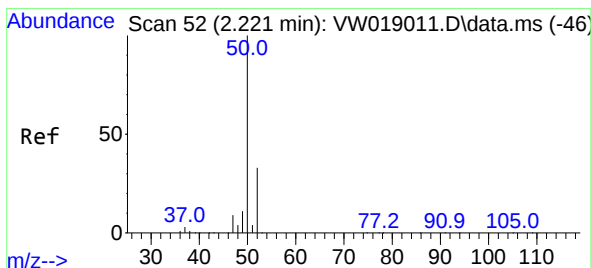
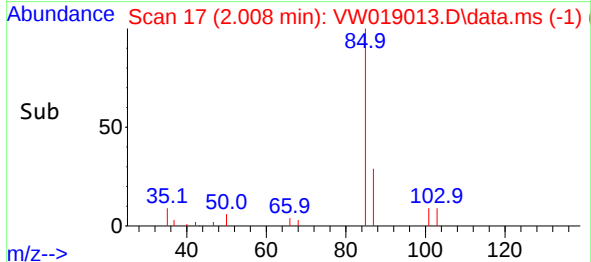
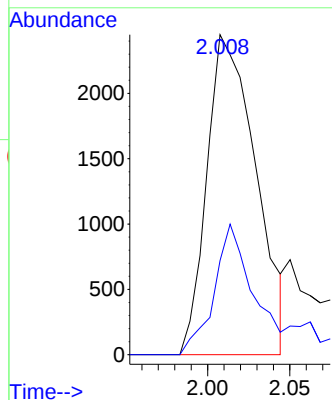
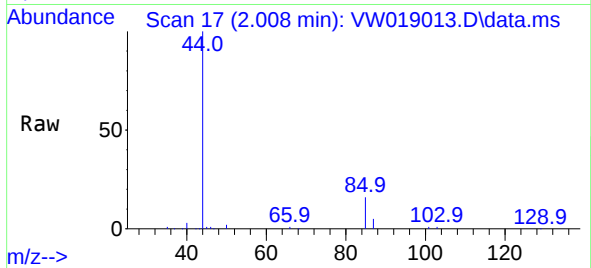
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Dichlorodifluoromethane
Concen: 0.88 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 85 Resp: 5075
Ion Ratio Lower Upper
85 100
87 32.2 23.3 34.9

Instrument :
MSVOA_W
ClientSampleId :
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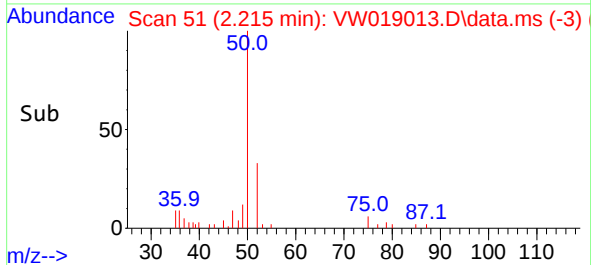
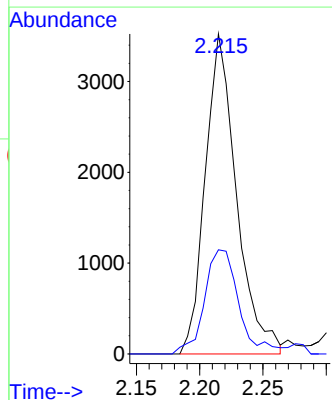
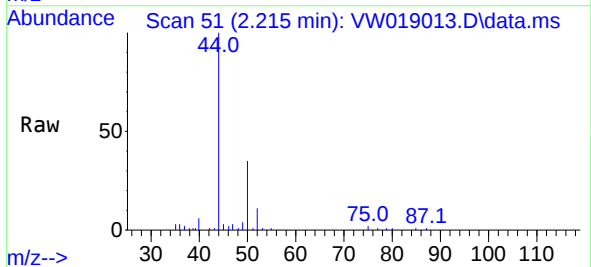
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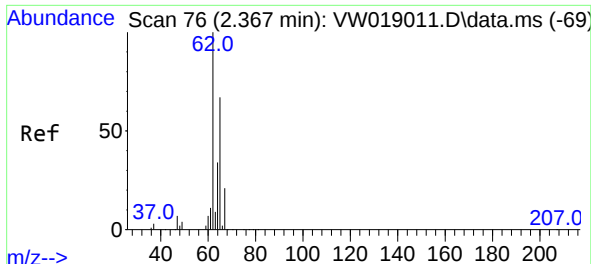
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#3
Chloromethane
Concen: 1.05 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

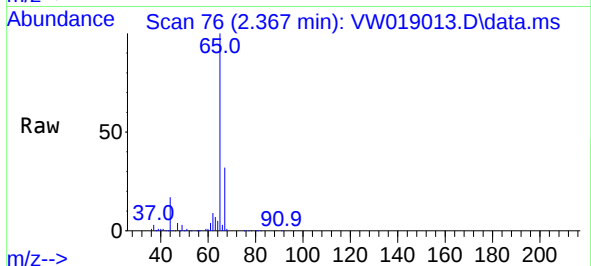
Tgt Ion: 50 Resp: 6060
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9





#5
 Vinyl chloride
 Concen: 1.29 ug/L m
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019013.D
 Acq: 18 May 2021 11:32

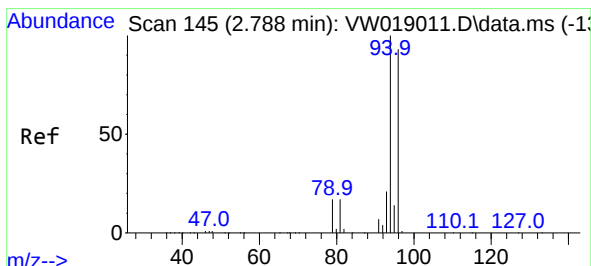
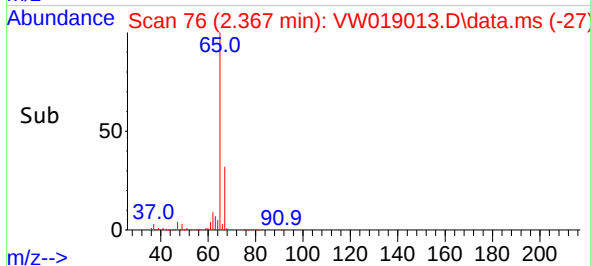
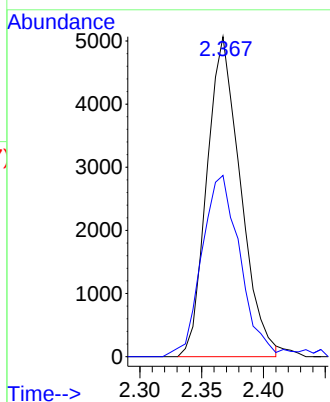
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05



Tgt Ion: 62 Resp: 9582
 Ion Ratio Lower Upper
 62 100
 64 56.7 24.2 45.0#

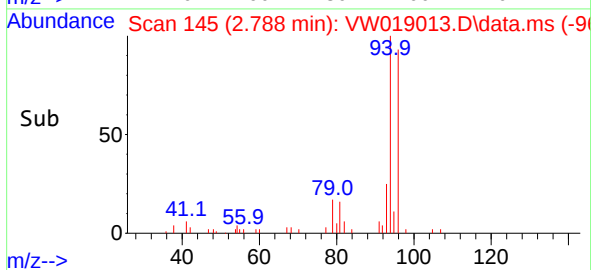
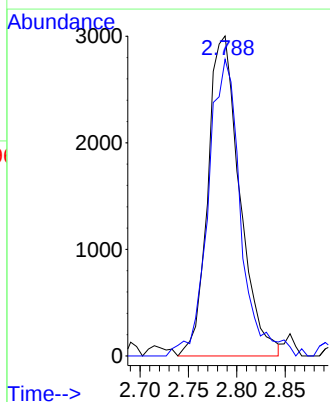
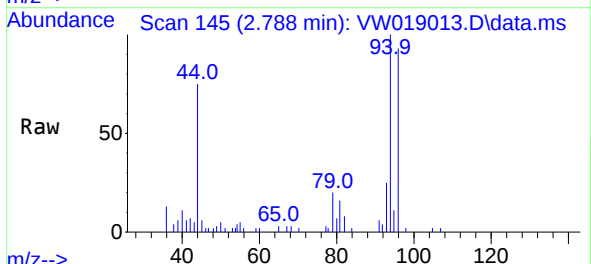
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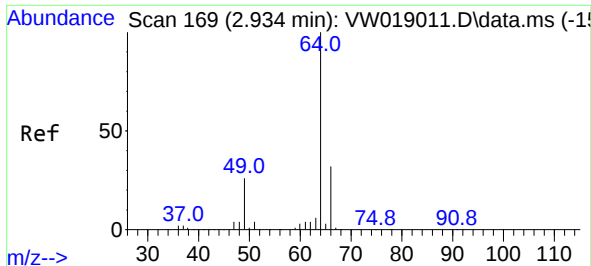
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#6
 Bromomethane
 Concen: 1.12 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019013.D
 Acq: 18 May 2021 11:32

Tgt Ion: 94 Resp: 6884
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.3 121.3





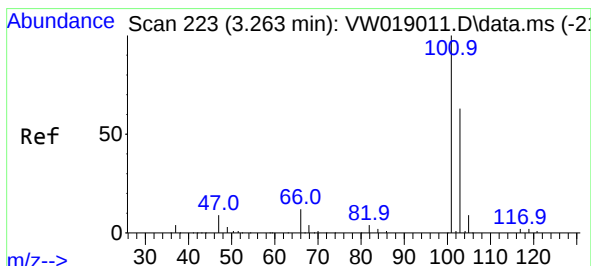
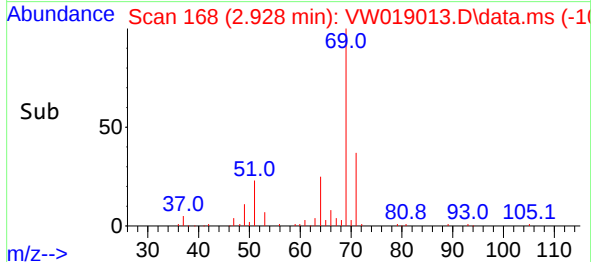
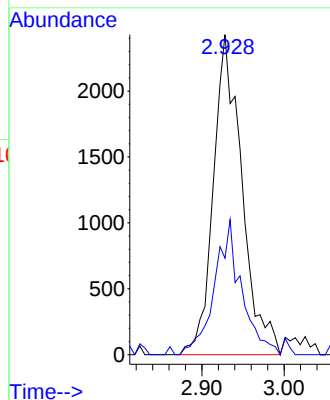
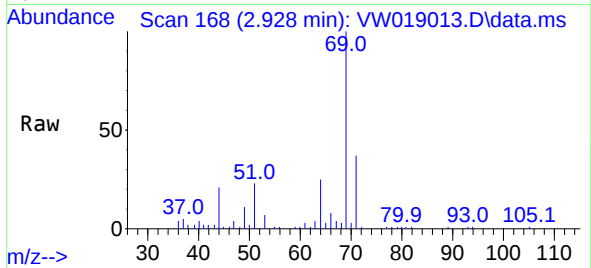
#8
Chloroethane
Concen: 1.13 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 64 Resp: 5860
Ion Ratio Lower Upper
64 100
66 30.1 23.4 43.6

Instrument :
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ClientSampleId :
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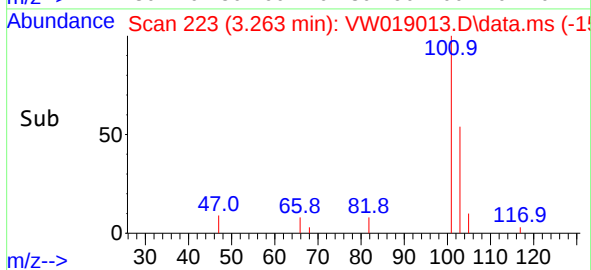
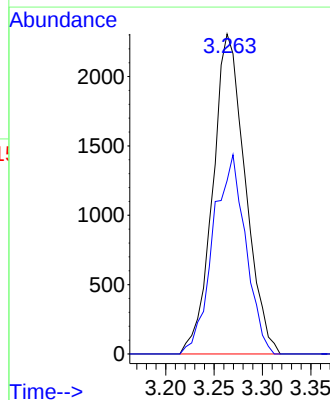
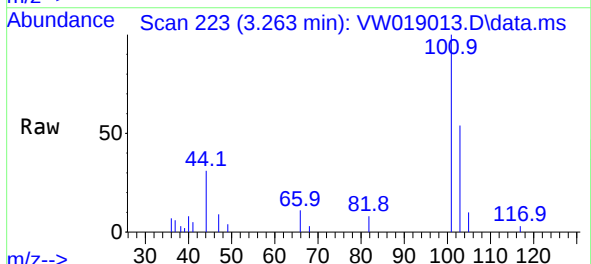
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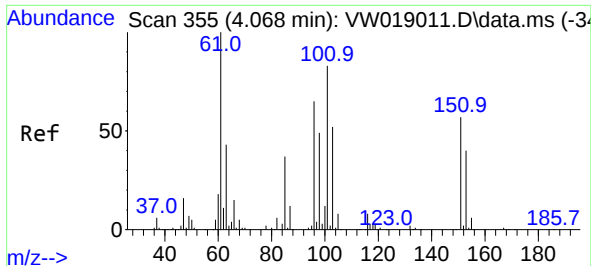
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#9
Trichlorofluoromethane
Concen: 0.99 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

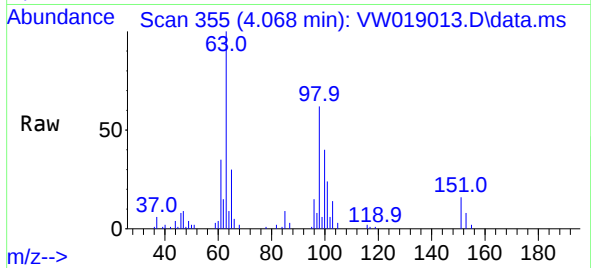
Tgt Ion: 101 Resp: 5386
Ion Ratio Lower Upper
101 100
103 62.7 51.0 76.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.29 ug/L m
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

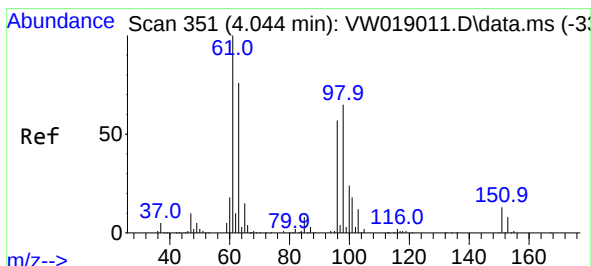
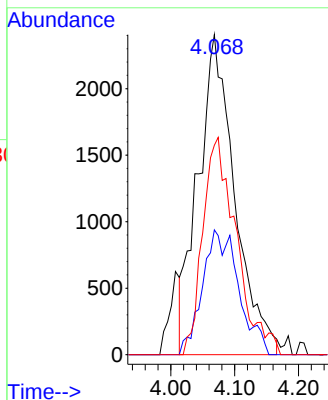
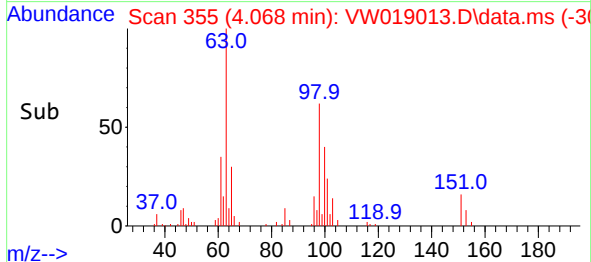
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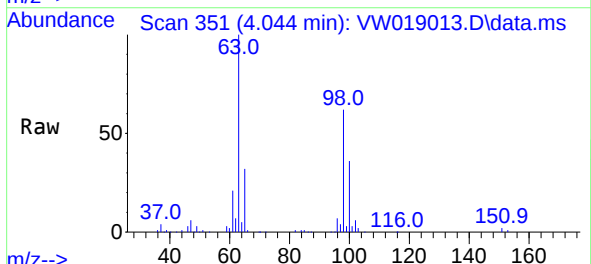
Tgt Ion:101 Resp: 9622
Ion Ratio Lower Upper
101 100
85 19.9 38.2 57.2#
151 58.2 56.6 85.0

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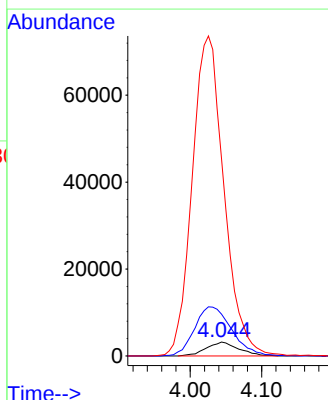
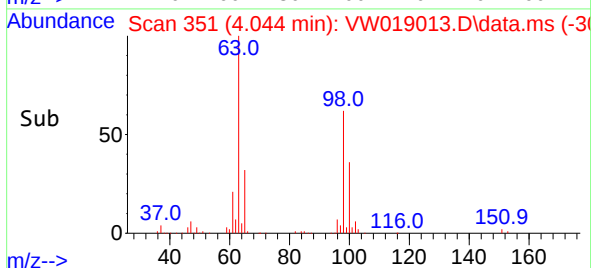
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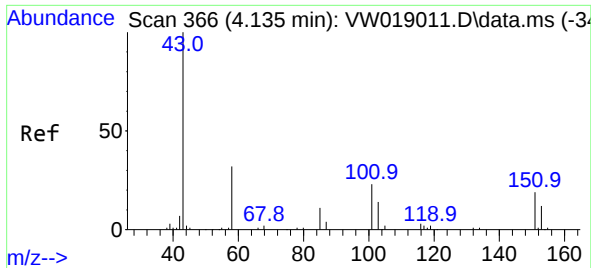


#12
1,1-Dichloroethene
Concen: 1.39 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



Tgt Ion: 96 Resp: 10074
Ion Ratio Lower Upper
96 100
61 299.3 118.1 219.3#
63 1411.7 83.7 155.5#





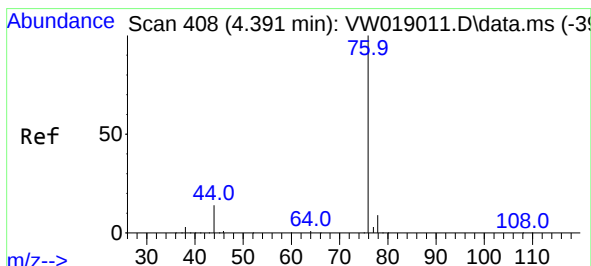
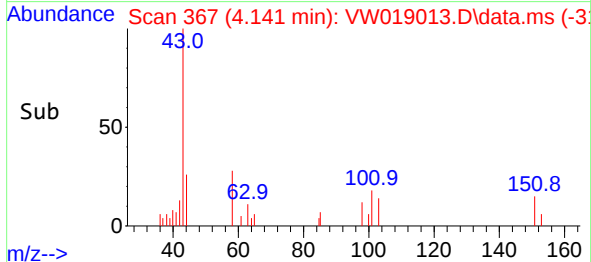
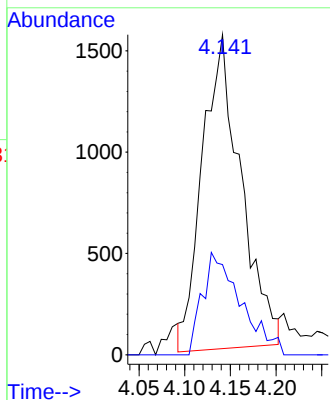
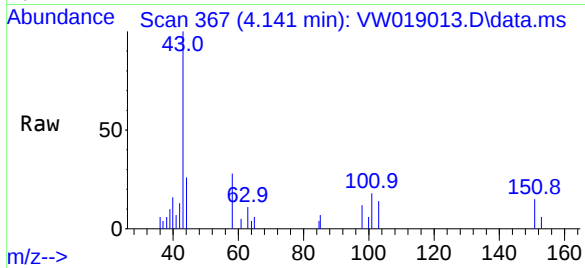
#13
Acetone
Concen: 3.55 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 4557
Ion Ratio Lower Upper
43 100
58 29.2 0.0 53.8

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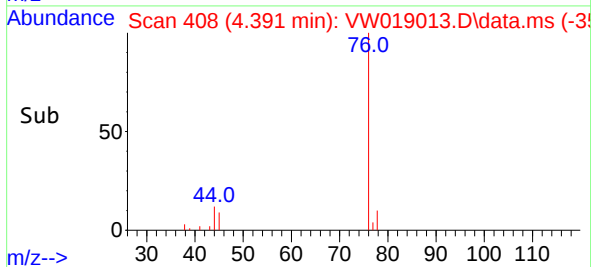
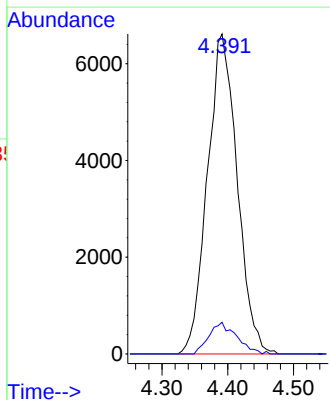
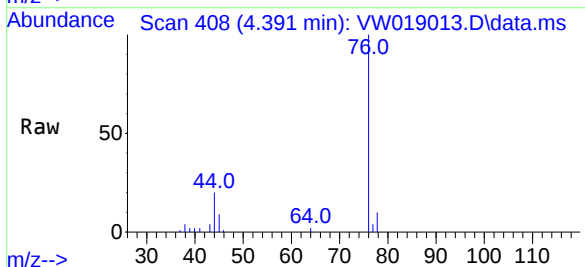
Manual Integrations
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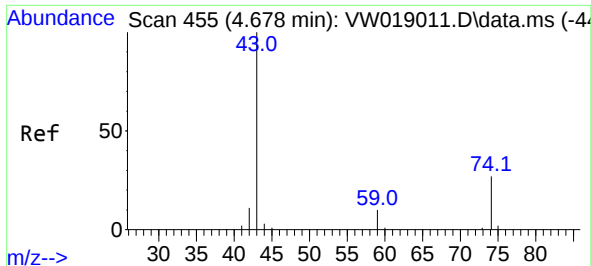
MMDadoda
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#14
Carbon disulfide
Concen: 1.02 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 76 Resp: 20833
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0





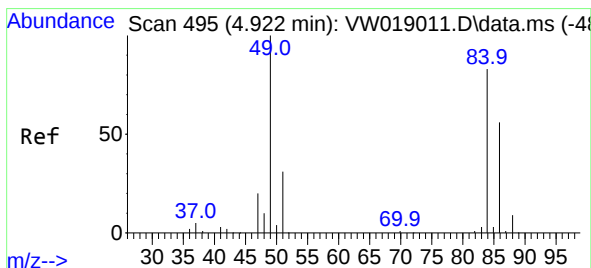
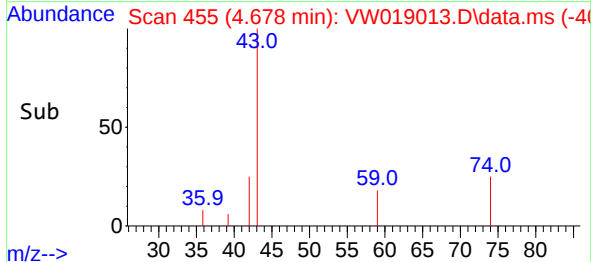
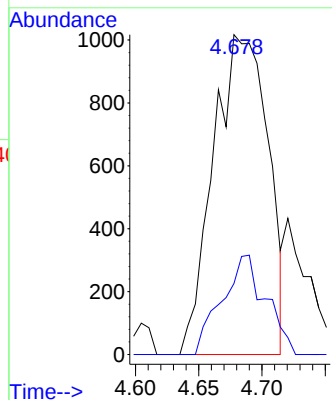
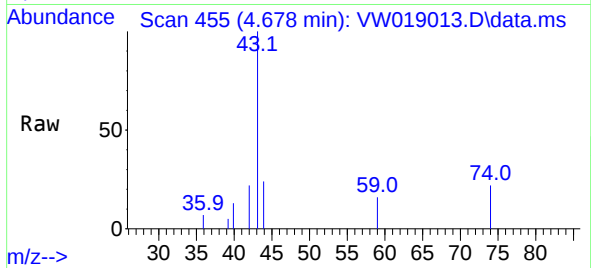
#15
Methyl Acetate
Concen: 1.15 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
74 19.1 20.0 30.0#

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

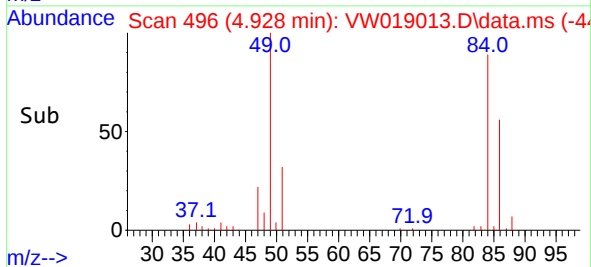
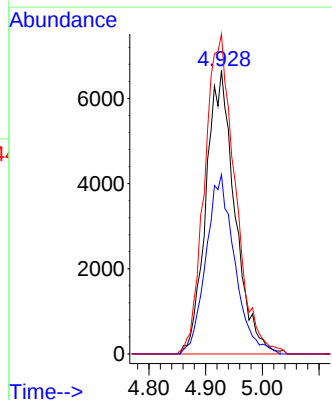
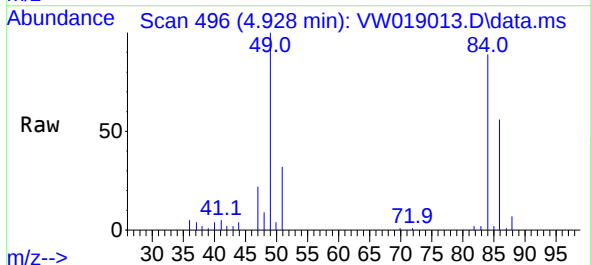
Manual Integrations
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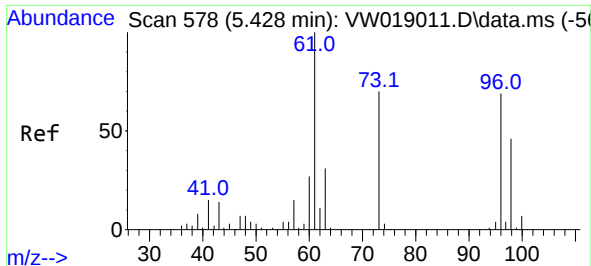
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#16
Methylene chloride
Concen: 2.49 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 84 Resp: 23557
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 112.9 86.6 160.8





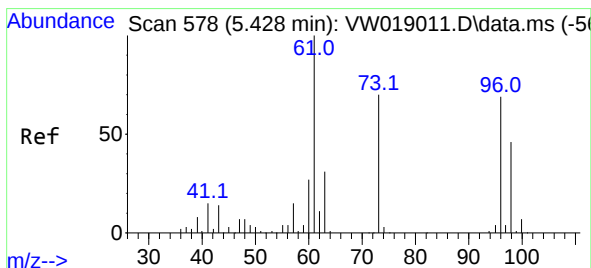
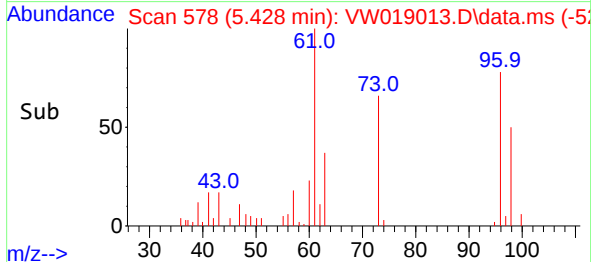
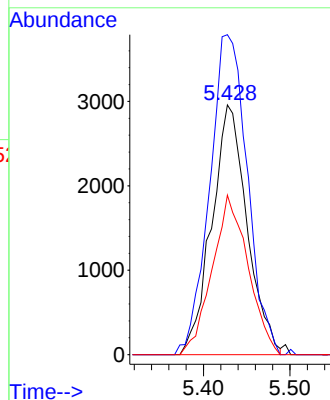
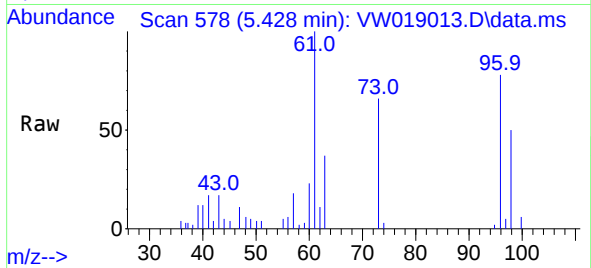
#17
trans-1,2-Dichloroethene
Concen: 1.05 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 96 Resp: 8394
Ion Ratio Lower Upper
96 100
61 128.1 98.3 182.7
98 63.9 46.1 85.7

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

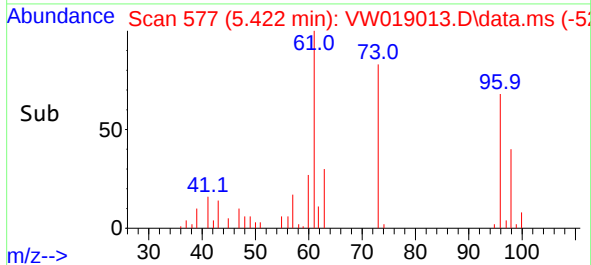
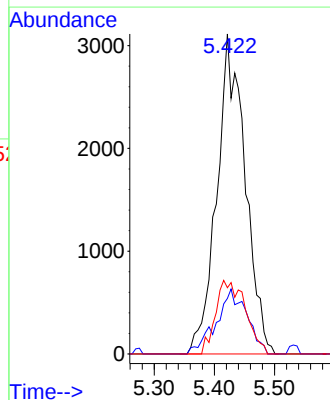
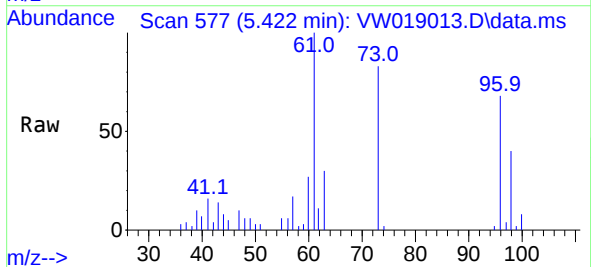
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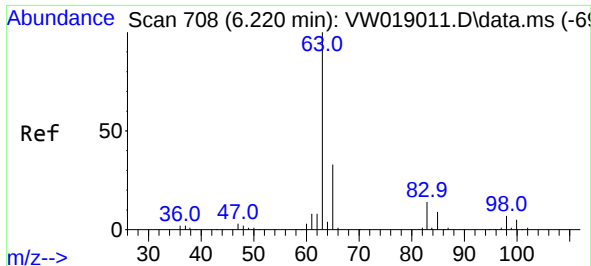
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#18
Methyl tert-butyl Ether
Concen: 1.06 ug/L m
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 73 Resp: 10173
Ion Ratio Lower Upper
73 100
43 5.9 17.7 26.5#
57 15.1 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.10 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW019013.D

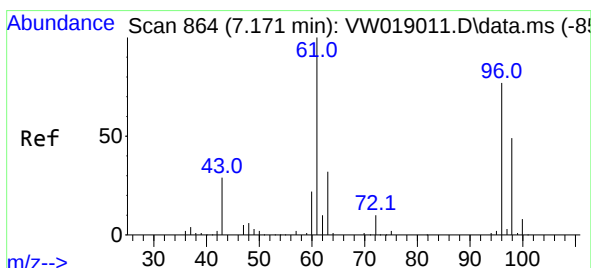
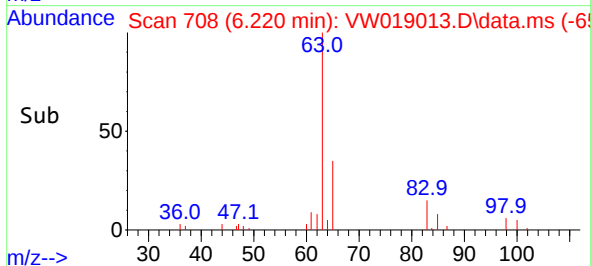
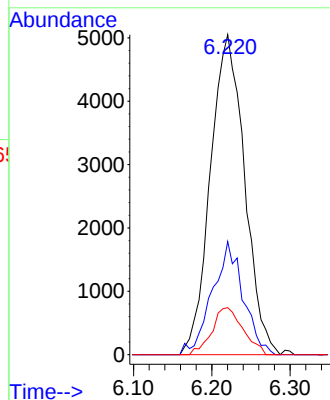
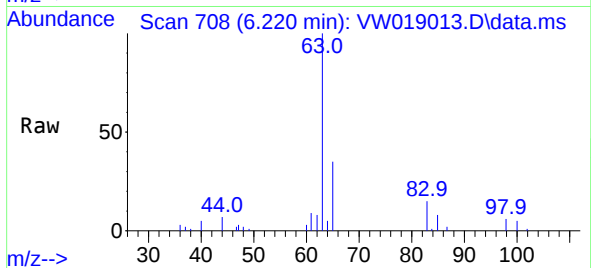
Acq: 18 May 2021 11:32

Tgt Ion:	63	Resp:	15303
Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.9	42.5
83	14.7	10.2	19.0

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

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#20

cis-1,2-Dichloroethene

Concen: 1.04 ug/L

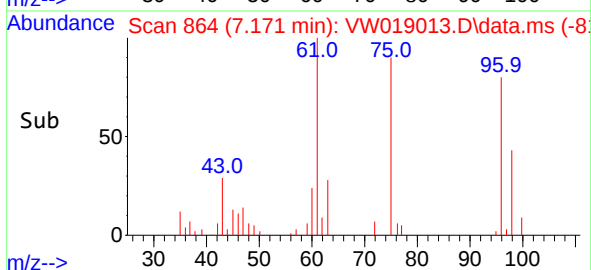
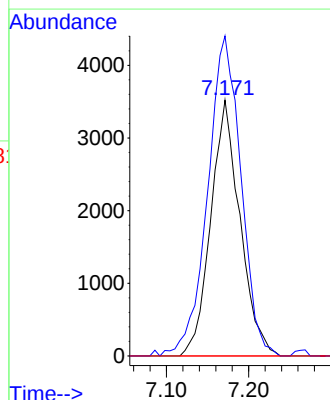
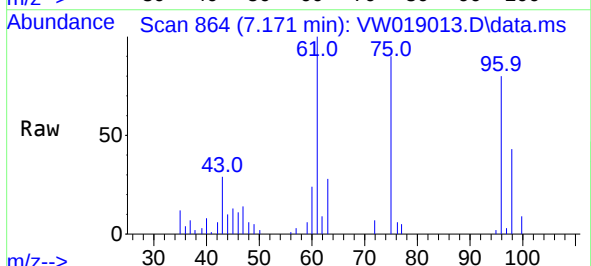
RT: 7.171 min Scan# 864

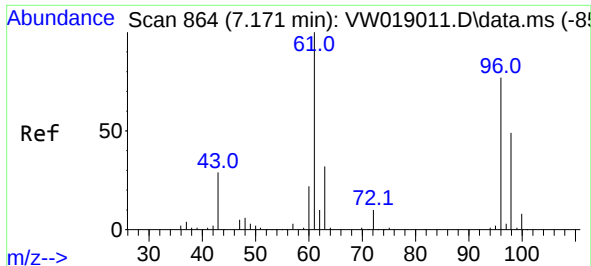
Delta R.T. 0.000 min

Lab File: VW019013.D

Acq: 18 May 2021 11:32

Tgt Ion:	96	Resp:	8704
Ion	Ratio	Lower	Upper
96	100		
61	125.1	88.5	164.3
68	0.0	0.0	0.0





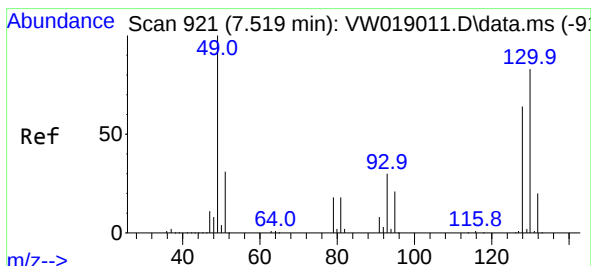
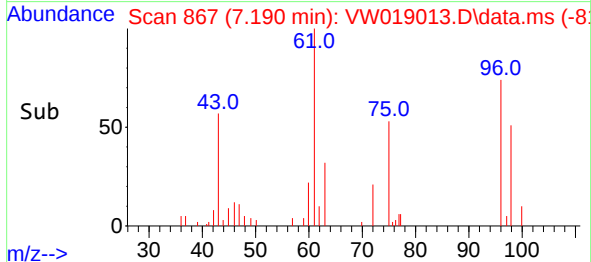
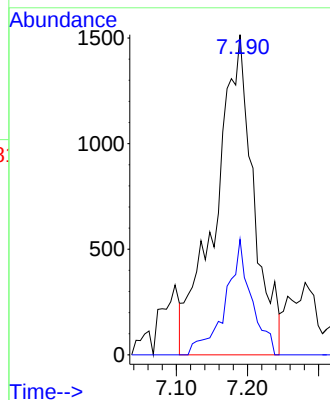
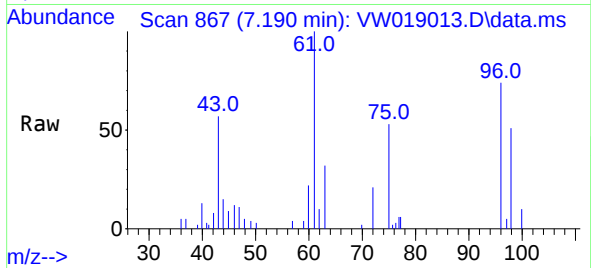
#22
2-Butanone
Concen: 3.18 ug/L m
RT: 7.190 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 43 Resp: 5625
Ion Ratio Lower Upper
43 100
72 13.7 14.9 44.7#

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

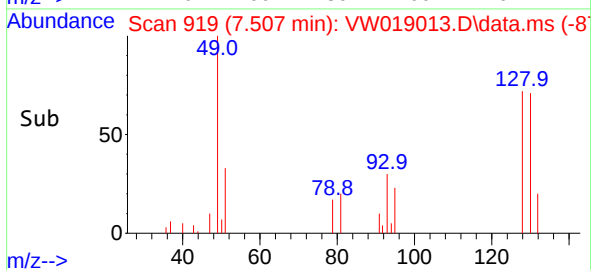
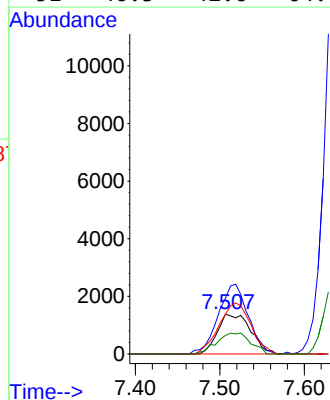
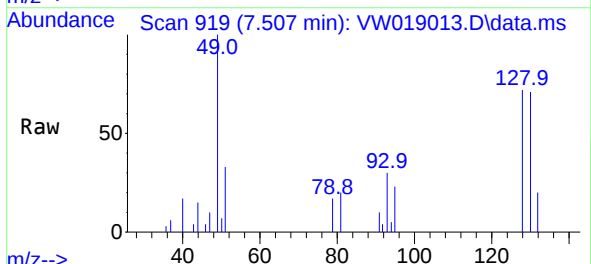
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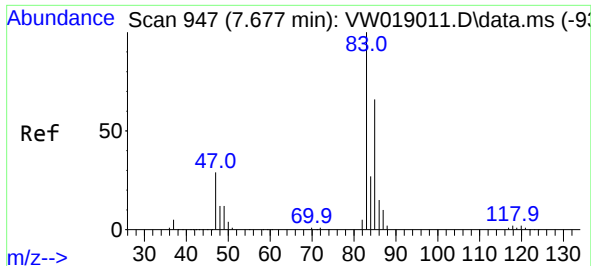
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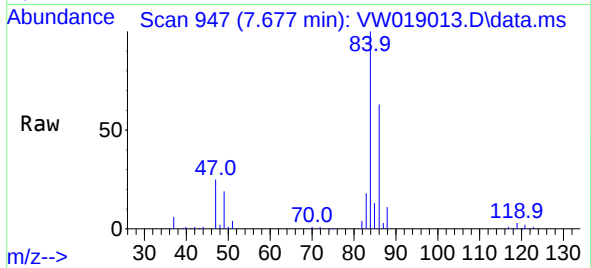
#23
Bromochloromethane
Concen: 1.04 ug/L m
RT: 7.507 min Scan# 919
Delta R.T. -0.012 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 128 Resp: 3749
Ion Ratio Lower Upper
128 100
49 139.8 116.3 215.9
130 99.3 82.4 153.0
51 46.3 42.6 64.0

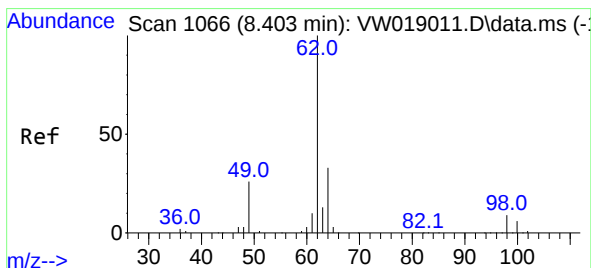
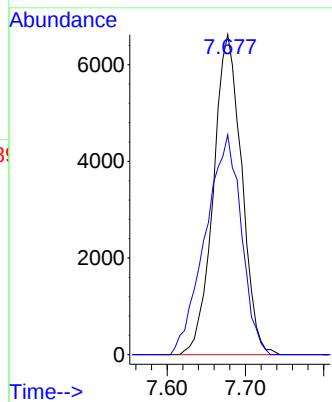
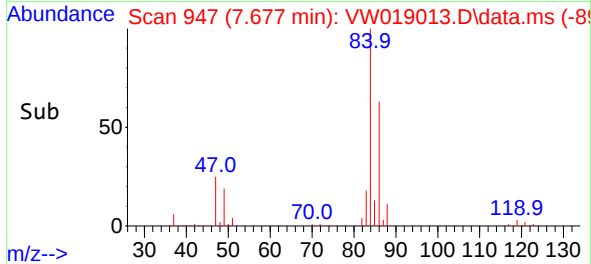




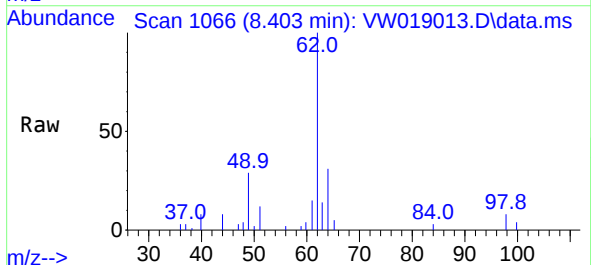
#25
Chloroform
Concen: 1.17 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



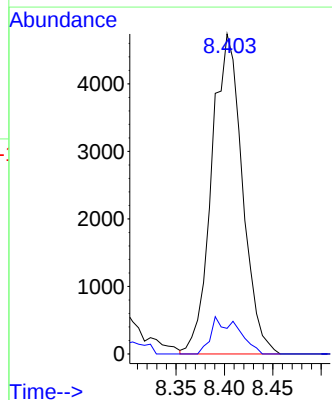
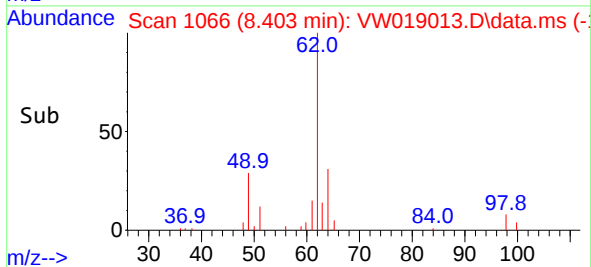
Tgt Ion: 83 Resp: 16620
Ion Ratio Lower Upper
83 100
85 68.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 1.17 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



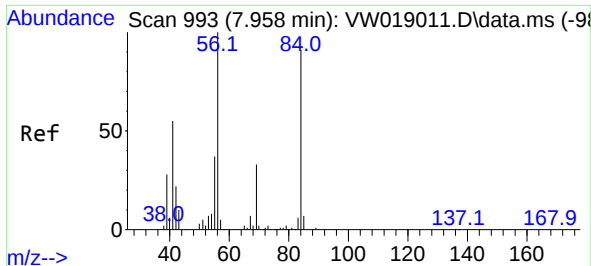
Tgt Ion: 62 Resp: 10443
Ion Ratio Lower Upper
62 100
98 8.0 6.9 10.3



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

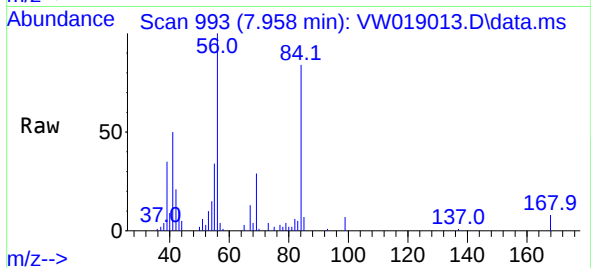
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#29
Cyclohexane
Concen: 1.02 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

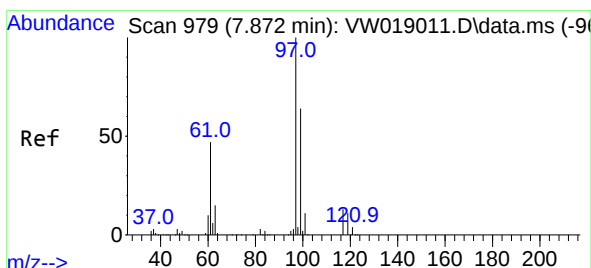
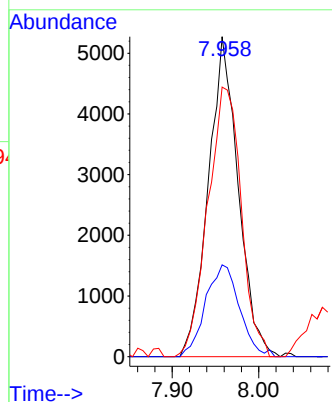
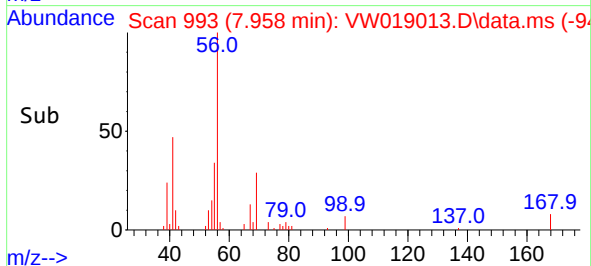
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



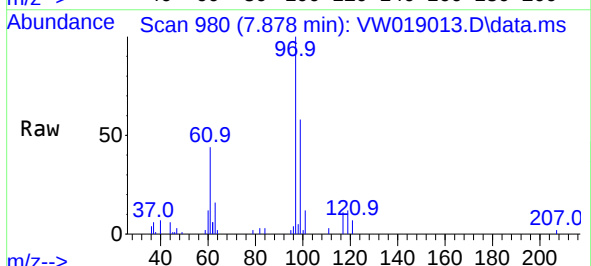
Tgt Ion:	56	Resp:	12627
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.5	36.7
84	93.9	75.0	112.4

Manual Integrations
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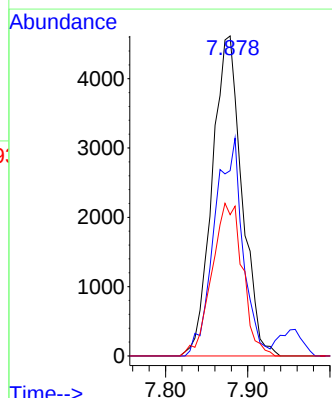
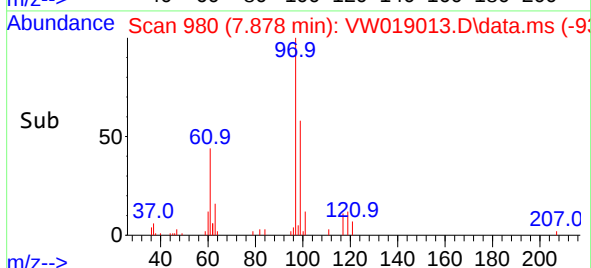
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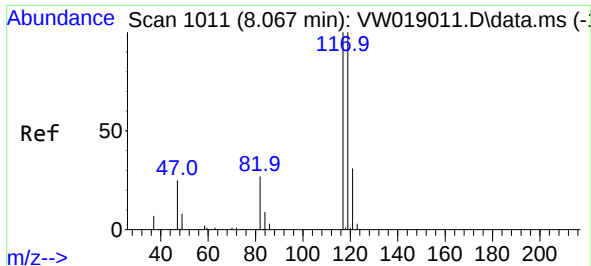


#30
1,1,1-Trichloroethane
Concen: 1.03 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



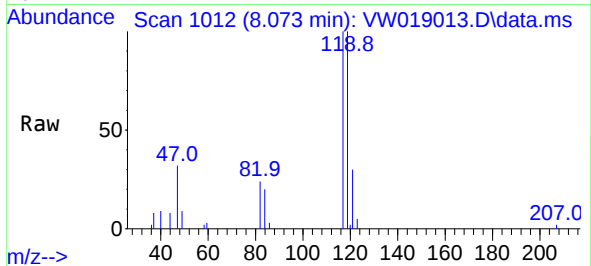
Tgt Ion:	97	Resp:	11619
Ion	Ratio	Lower	Upper
97	100		
99	33.7	51.4	77.2#
61	49.4	37.8	56.6





#31
Carbon tetrachloride
Concen: 1.06 ug/L m
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

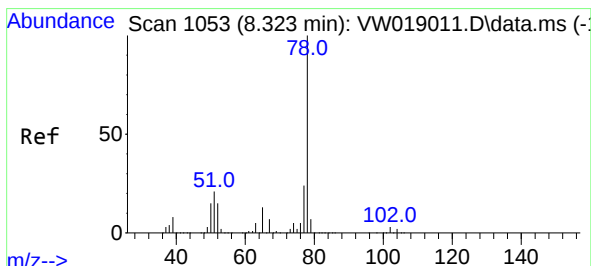
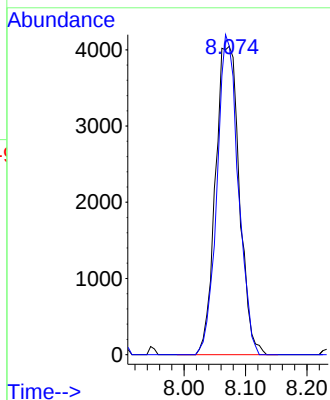
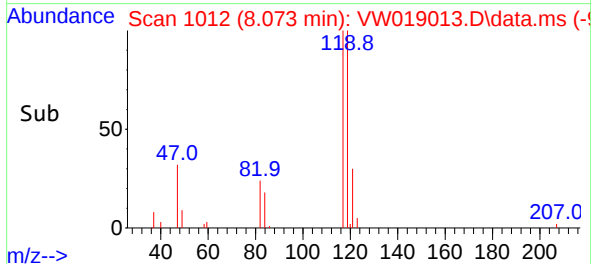
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion:117 Resp: 10951
Ion Ratio Lower Upper
117 100
119 92.3 76.5 114.7

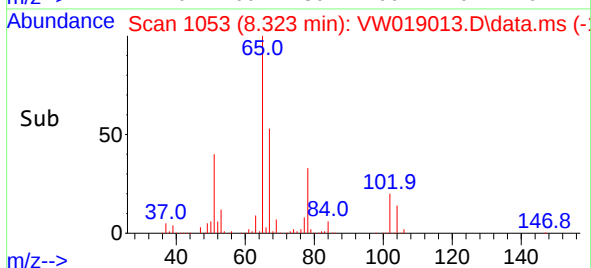
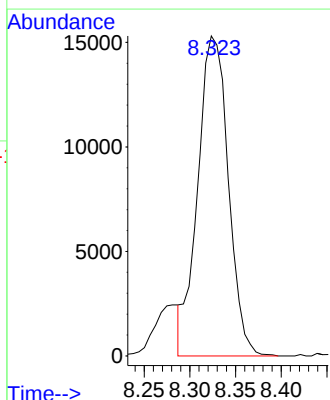
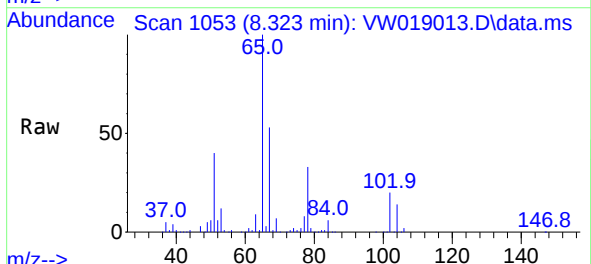
Manual Integrations
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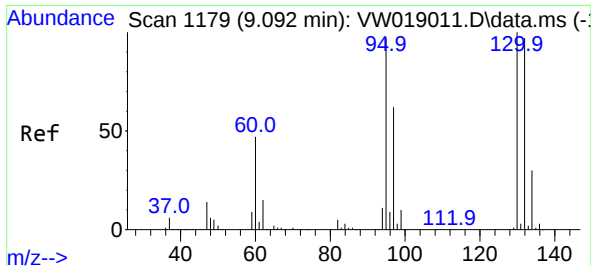
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#33
Benzene
Concen: 1.12 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 78 Resp: 35579





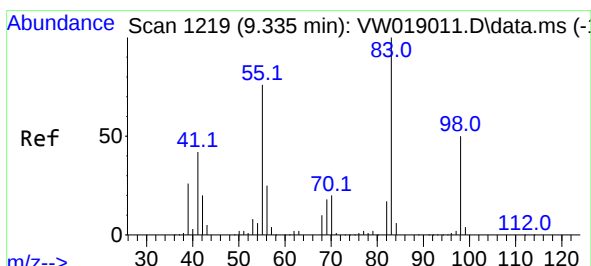
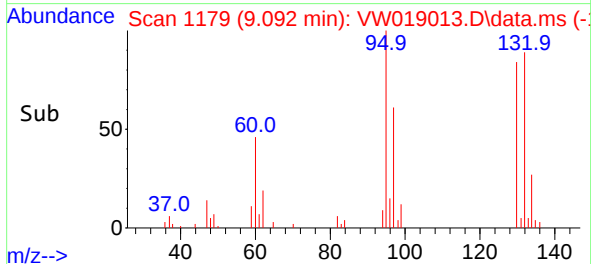
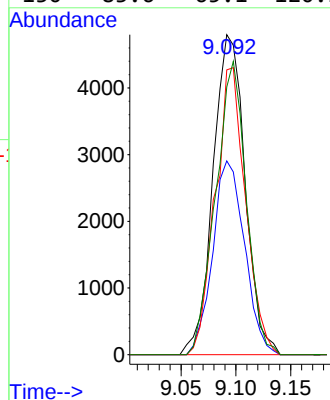
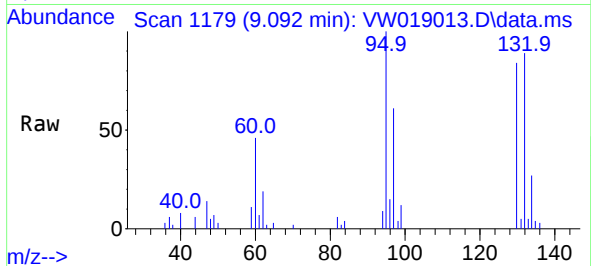
#34
Trichloroethene
Concen: 1.16 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:	95	Resp:	9743
Ion	Ratio	Lower	Upper
95	100		
97	60.6	47.3	87.8
132	89.0	71.0	131.8
130	83.6	65.1	120.9

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

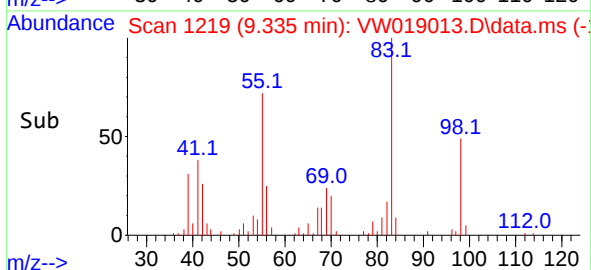
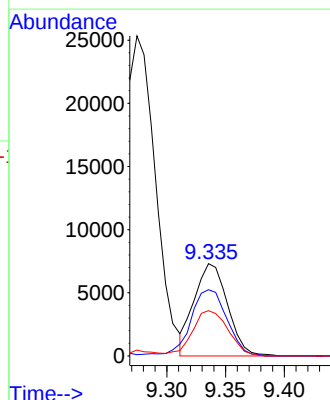
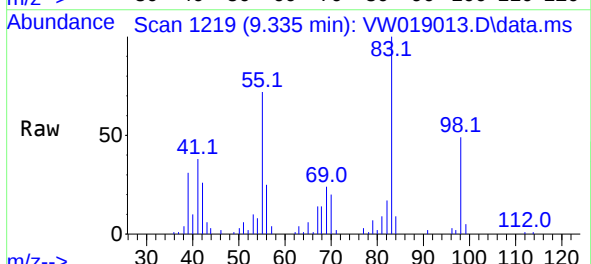
Manual Integrations
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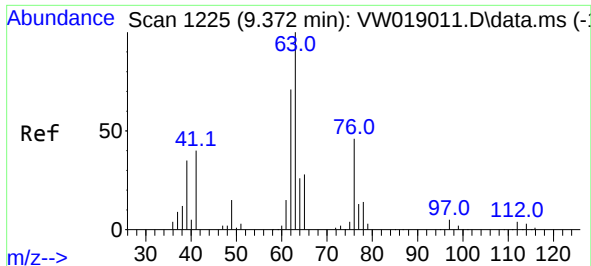
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#35
Methylcyclohexane
Concen: 0.99 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

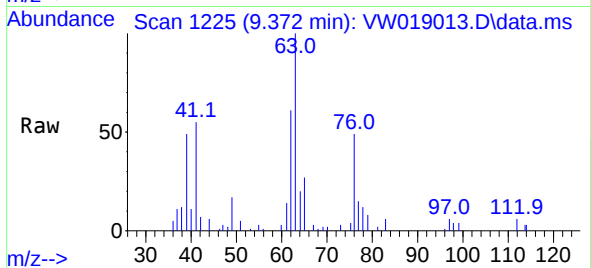
Tgt Ion:	83	Resp:	14488
Ion	Ratio	Lower	Upper
83	100		
55	76.8	58.9	88.3
98	52.2	40.1	60.1





#37
1,2-Dichloropropane
Concen: 1.06 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

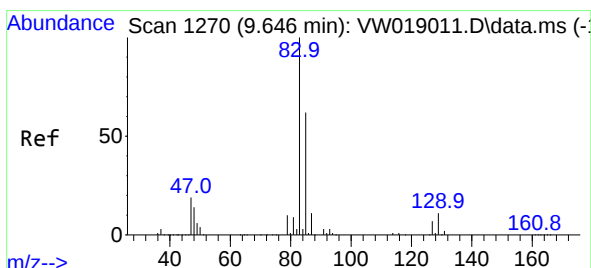
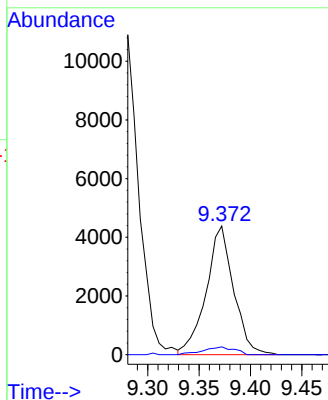
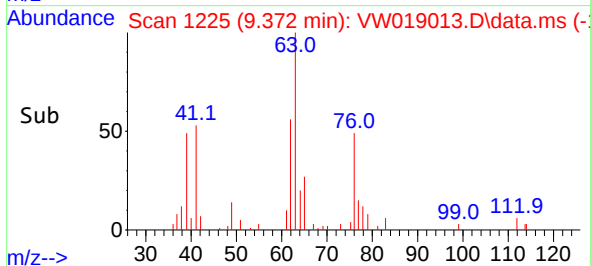
Instrument :
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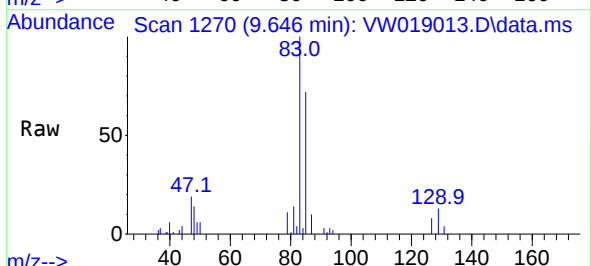
Tgt Ion: 63 Resp: 8126
Ion Ratio Lower Upper
63 100
112 6.9 3.9 5.9#

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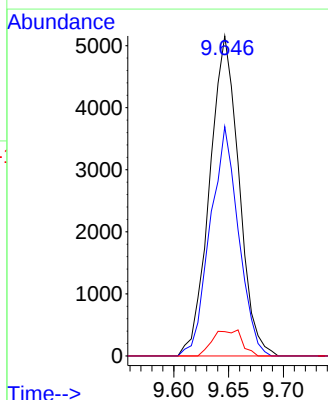
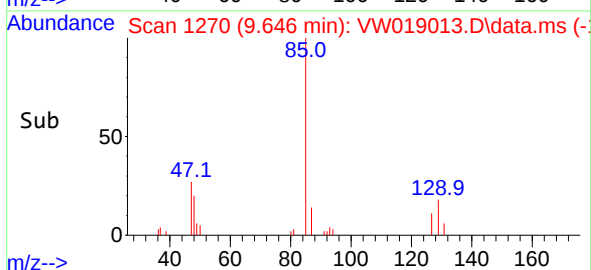
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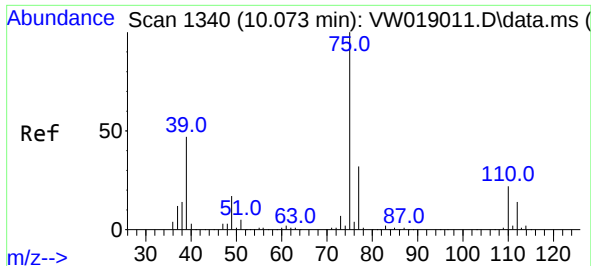


#38
Bromodichloromethane
Concen: 0.96 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

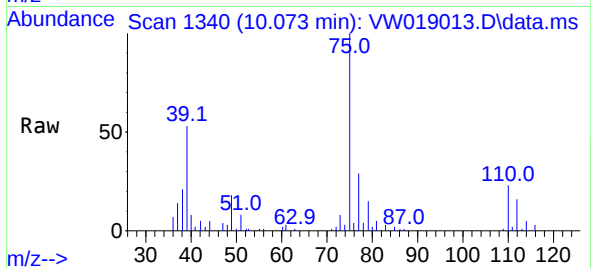


Tgt Ion: 83 Resp: 9585
Ion Ratio Lower Upper
83 100
85 71.6 42.3 78.5
127 7.6 6.6 9.8

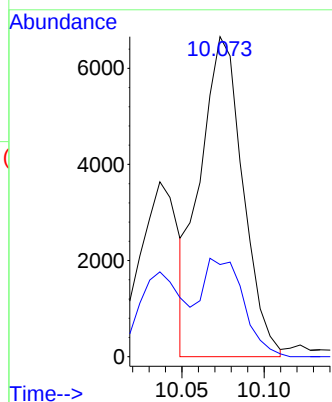
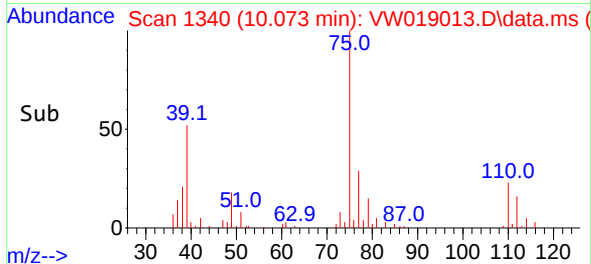




#39
cis-1,3-Dichloropropene
Concen: 1.04 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



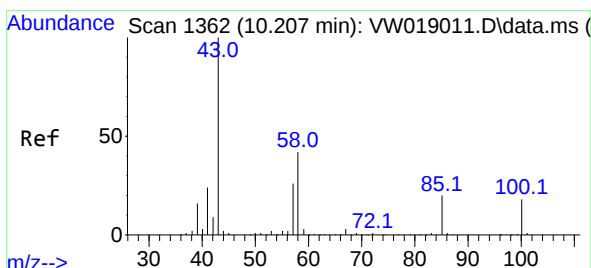
Tgt Ion: 75 Resp: 11992
Ion Ratio Lower Upper
75 100
77 28.8 22.6 42.0



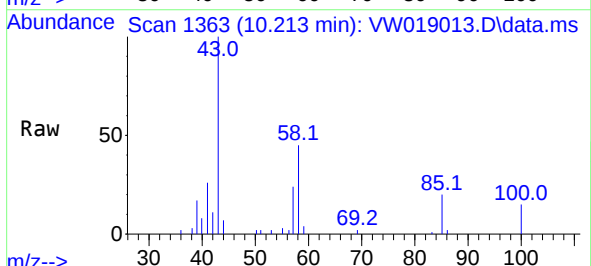
Instrument :
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ClientSampleId :
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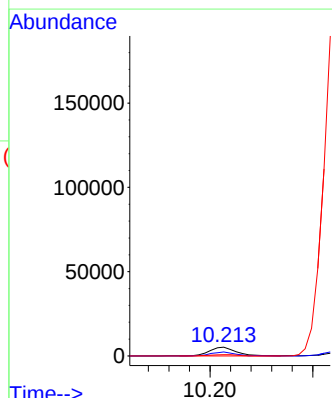
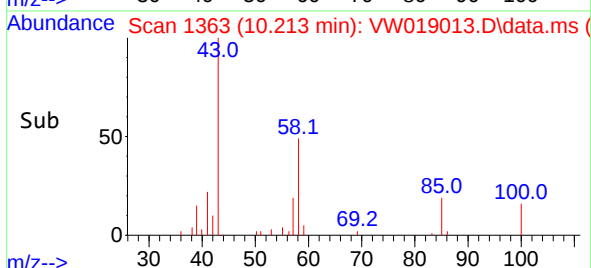
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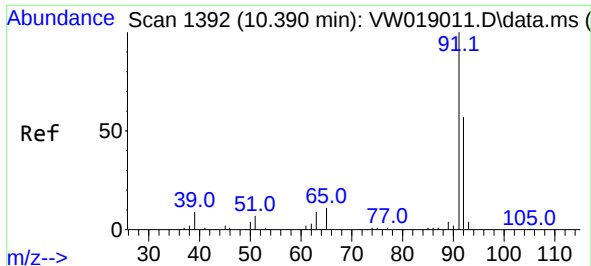


#40
4-Methyl-2-pentanone
Concen: 2.40 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

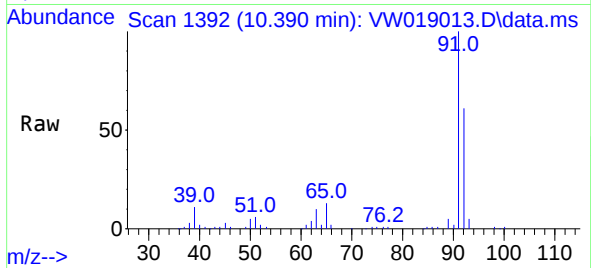


Tgt Ion: 43 Resp: 9512
Ion Ratio Lower Upper
43 100
58 41.4 31.0 46.4
100 15.2 13.0 19.6

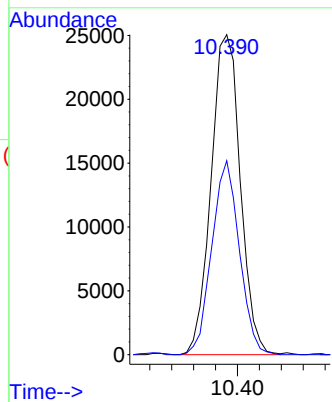
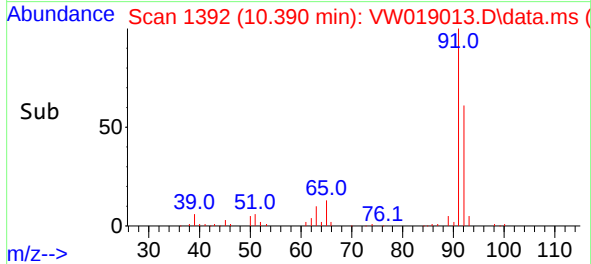




#42
Toluene
Concen: 1.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



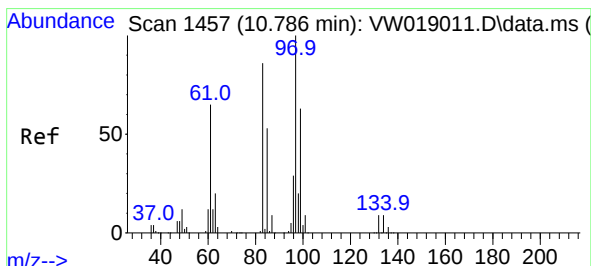
Tgt Ion: 91 Resp: 46481
Ion Ratio Lower Upper
91 100
92 60.6 39.5 73.3



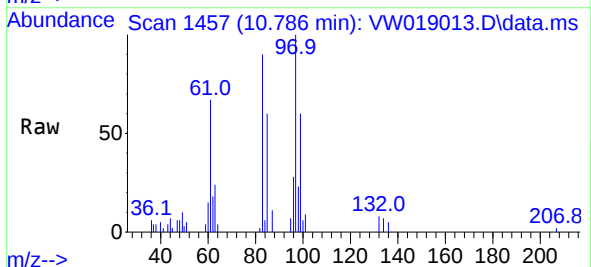
Instrument :
MSVOA_W
ClientSampleId :
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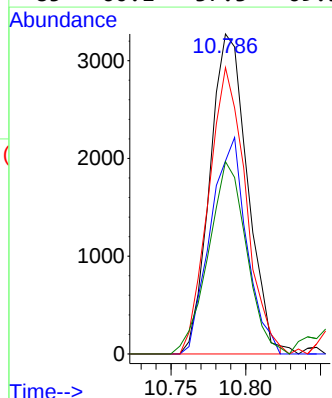
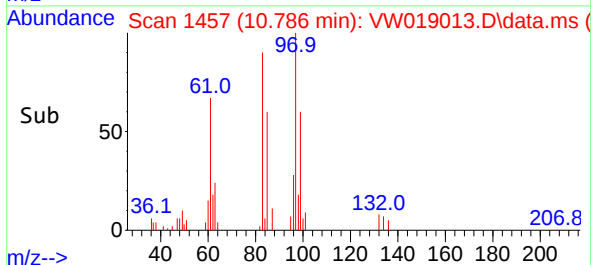
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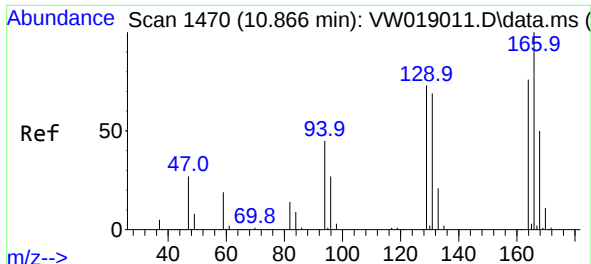


#45
1,1,2-Trichloroethane
Concen: 1.02 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

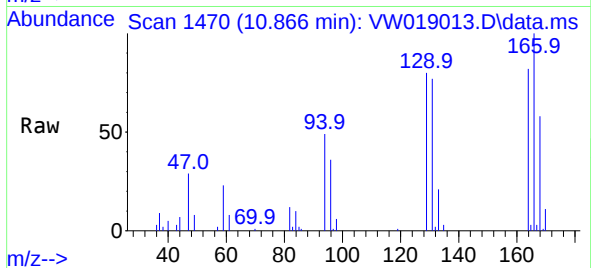


Tgt Ion: 97 Resp: 5706
Ion Ratio Lower Upper
97 100
99 60.3 45.1 83.7
83 89.5 58.1 107.9
85 60.1 37.3 69.3

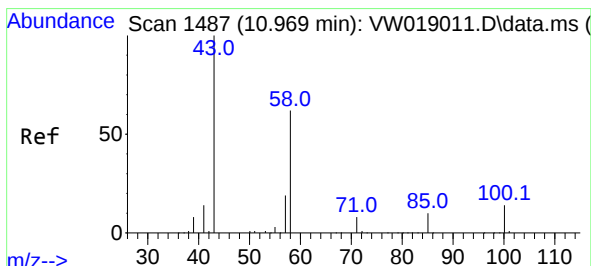
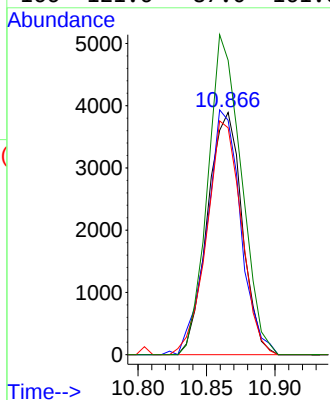
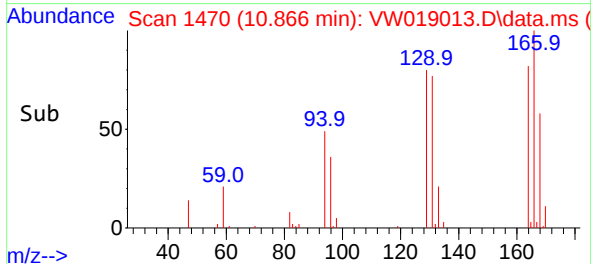




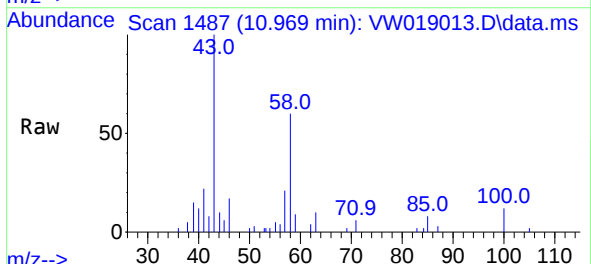
#46
Tetrachloroethene
Concen: 1.02 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



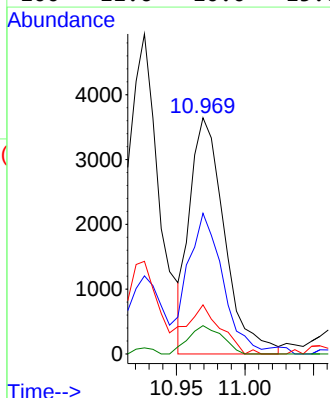
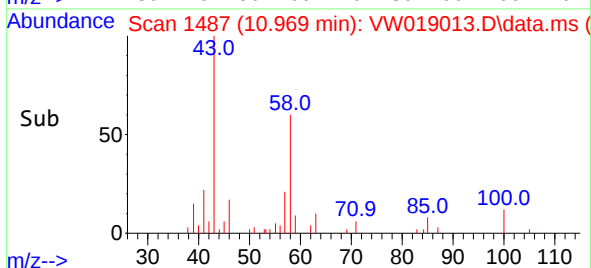
Tgt Ion:164 Resp: 6844
Ion Ratio Lower Upper
164 100
129 96.7 66.7 123.9
131 93.7 61.1 113.5
166 121.6 87.0 161.6



#48
2-Hexanone
Concen: 2.48 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



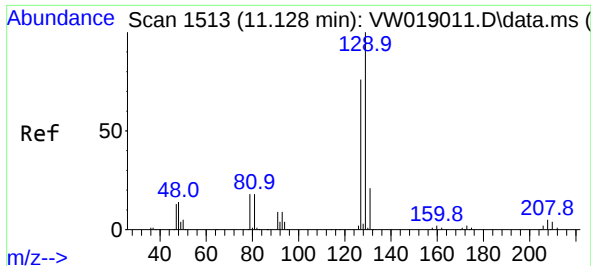
Tgt Ion: 43 Resp: 6414
Ion Ratio Lower Upper
43 100
58 60.6 42.7 64.1
57 20.6 15.8 23.8
100 11.6 10.0 15.0



Instrument :
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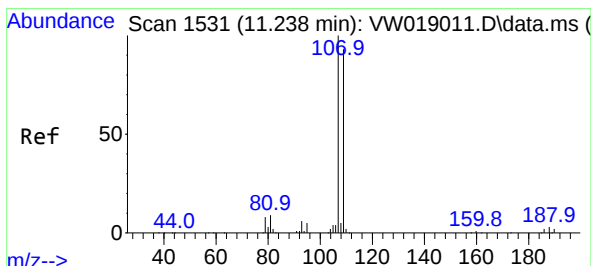
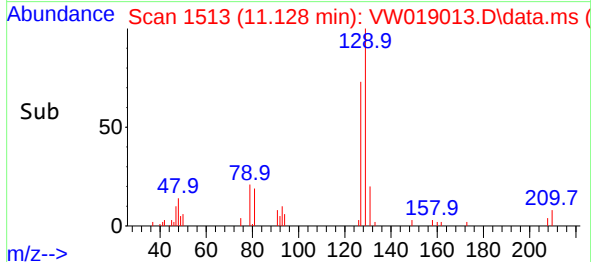
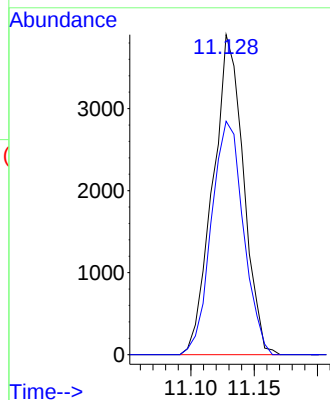
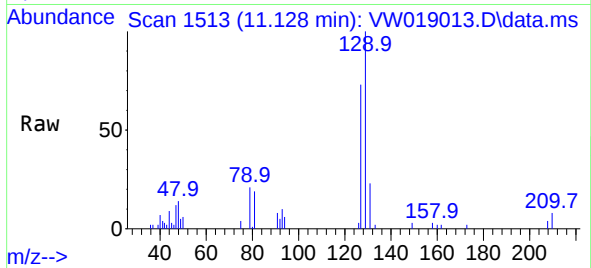
#49
Dibromochloromethane
Concen: 1.04 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:129 Resp: 6566
Ion Ratio Lower Upper
129 100
127 73.0 51.7 95.9

Instrument :
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ClientSampleId :
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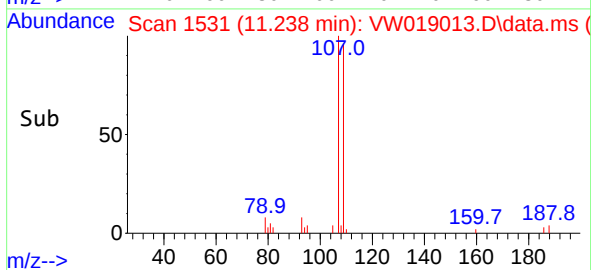
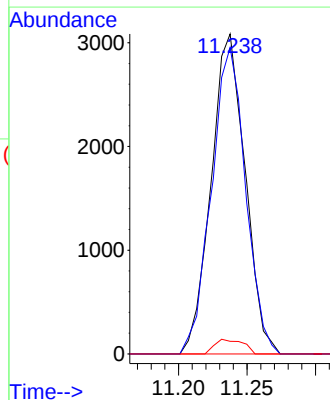
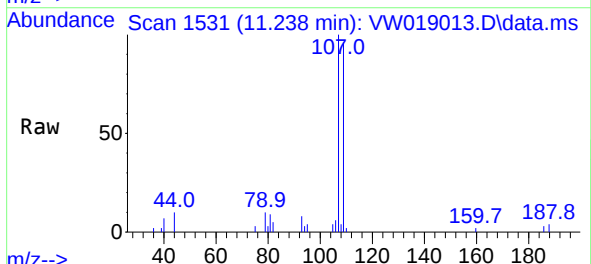
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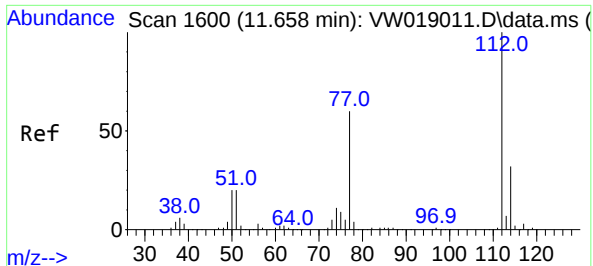
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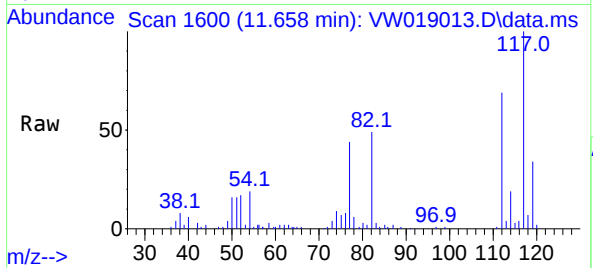
#50
1,2-Dibromoethane
Concen: 1.02 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:107 Resp: 5329
Ion Ratio Lower Upper
107 100
109 95.8 65.4 121.4
188 4.0 2.6 4.0

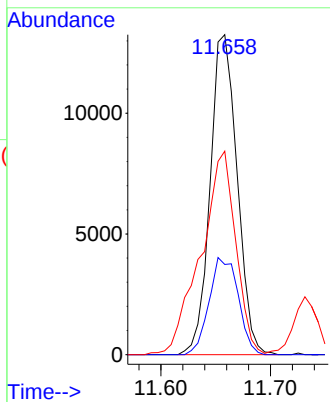
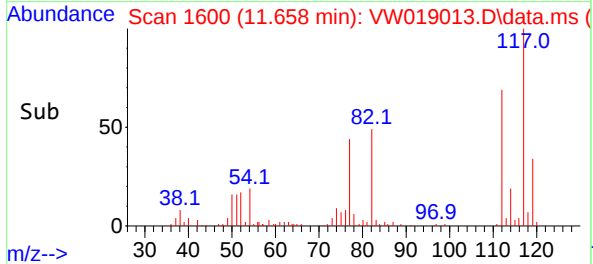




#51
Chlorobenzene
Concen: 1.05 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



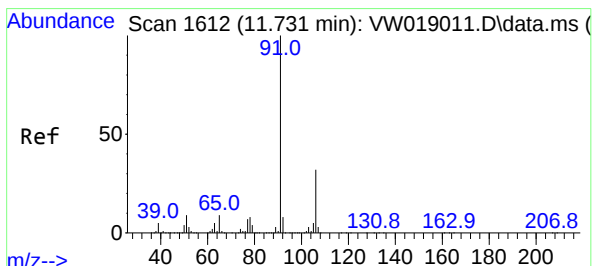
Tgt Ion: 112 Resp: 22723
Ion Ratio Lower Upper
112 100
114 28.2 23.4 43.6
77 63.6 47.6 71.4



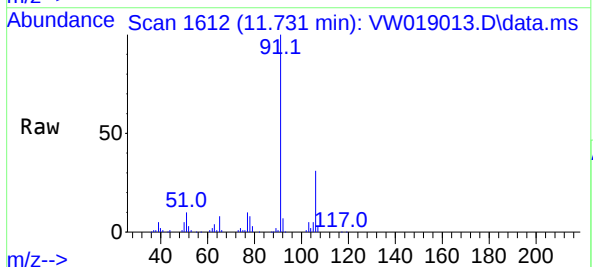
Instrument :
MSVOA_W
ClientSampleId :
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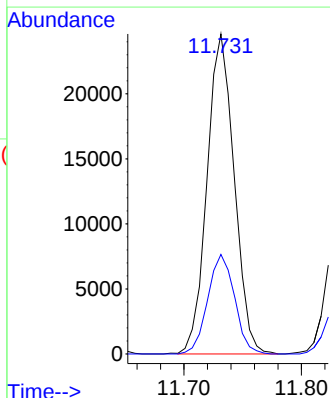
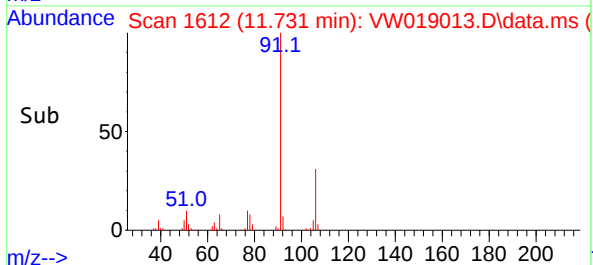
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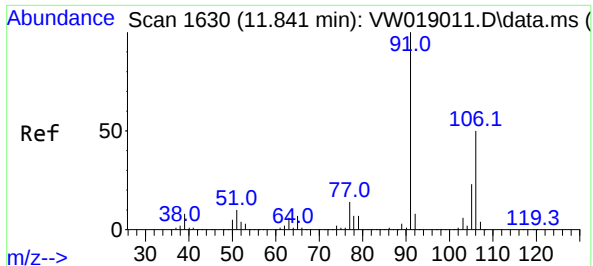


#52
Ethylbenzene
Concen: 1.02 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



Tgt Ion: 91 Resp: 39530
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.7





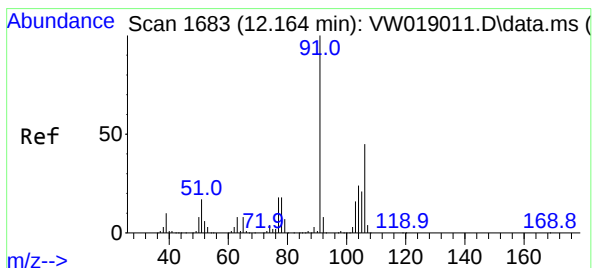
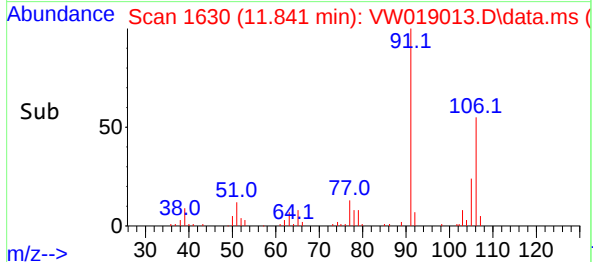
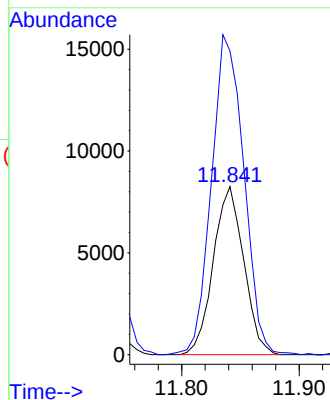
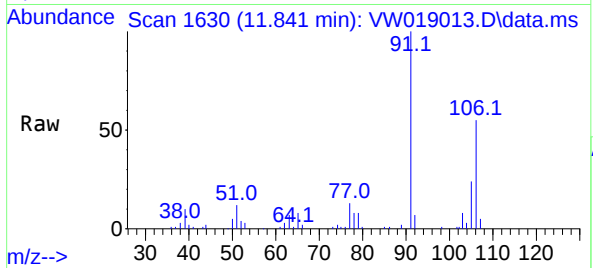
#53
m,p-Xylene
Concen: 1.02 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:106 Resp: 14868
Ion Ratio Lower Upper
106 100
91 180.6 141.3 262.3

Instrument :
MSVOA_W
ClientSampleId :
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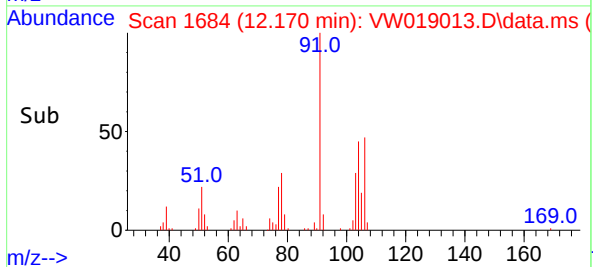
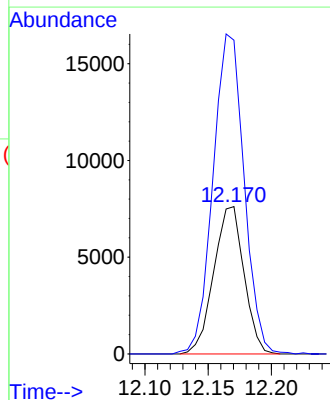
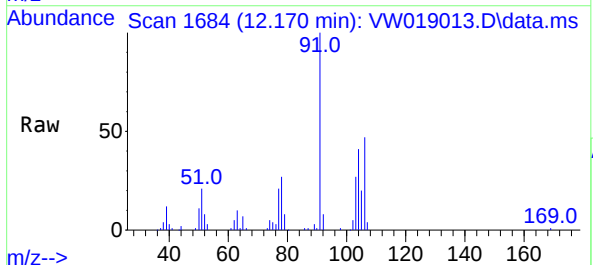
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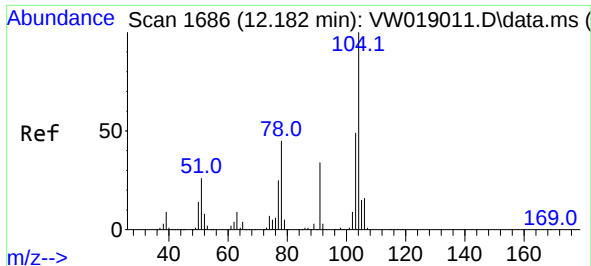
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#54
o-Xylene
Concen: 0.92 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

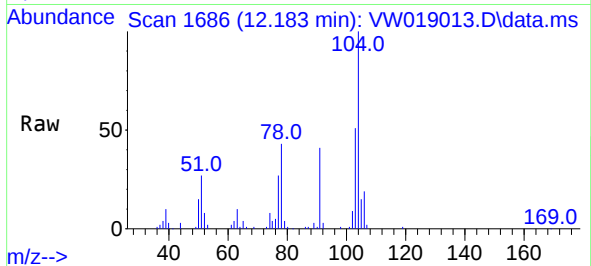
Tgt Ion:106 Resp: 12661
Ion Ratio Lower Upper
106 100
91 212.8 150.0 278.6





#55
Styrene
Concen: 0.88 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

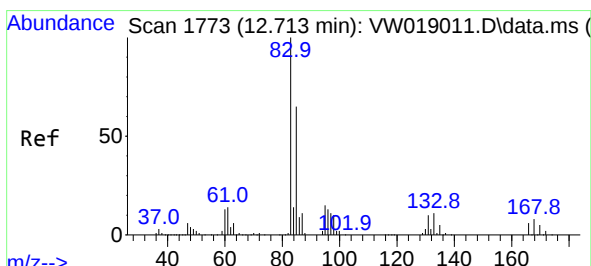
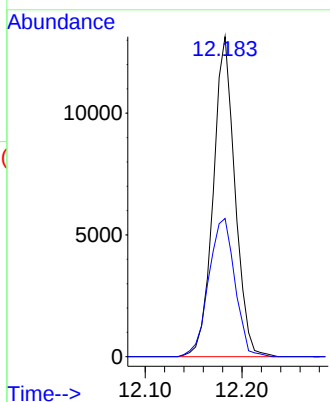
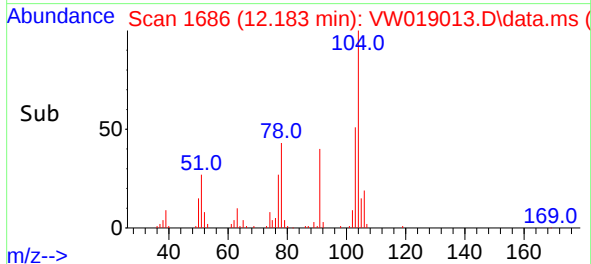
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MSVOA_W
ClientSampleId :
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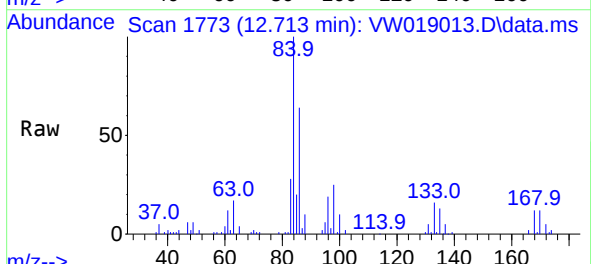
Tgt Ion:104 Resp: 20528
Ion Ratio Lower Upper
104 100
78 43.2 32.5 60.3

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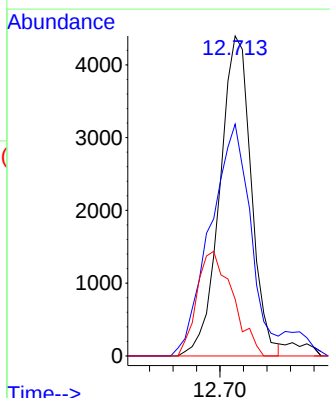
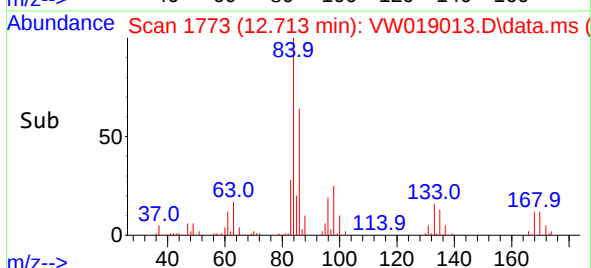
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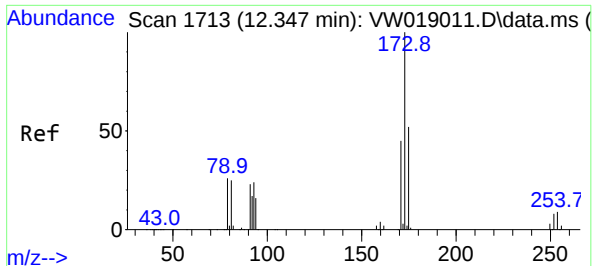


#57
1,1,2,2-Tetrachloroethane
Concen: 1.26 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

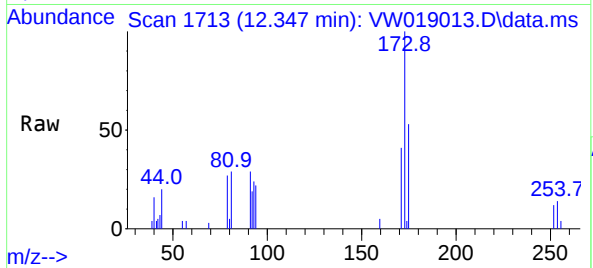


Tgt Ion: 83 Resp: 8155
Ion Ratio Lower Upper
83 100
85 72.4 44.4 82.4
131 17.7 8.2 12.4#

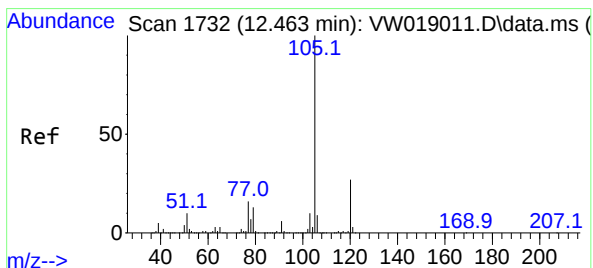
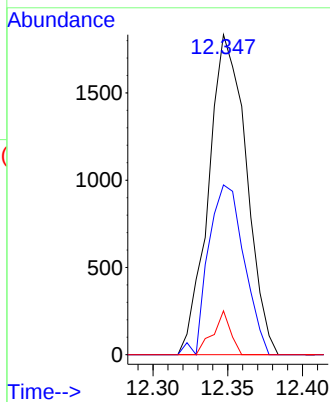
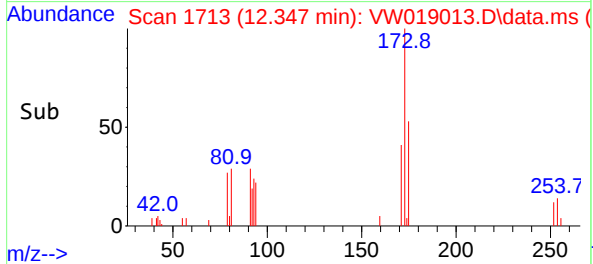




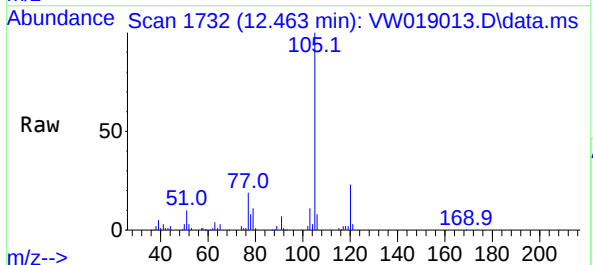
#59
Bromoform
Concen: 1.00 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



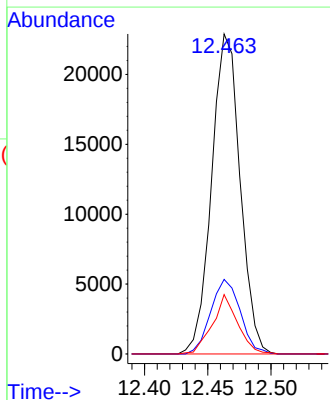
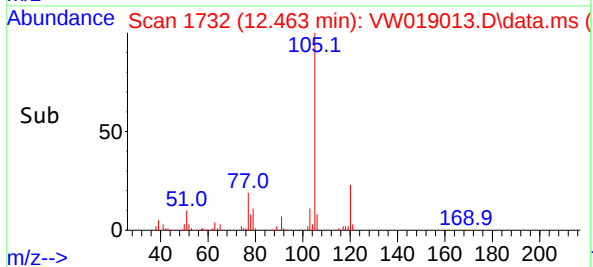
Tgt Ion:173 Resp: 3221
Ion Ratio Lower Upper
173 100
175 49.3 37.5 56.3
254 6.4 7.0 10.4#



#60
Isopropylbenzene
Concen: 0.99 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



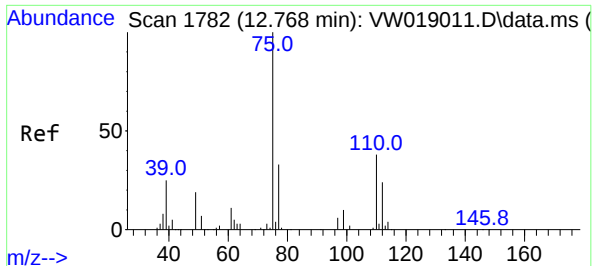
Tgt Ion:105 Resp: 35865
Ion Ratio Lower Upper
105 100
120 24.1 21.1 31.7
77 16.4 13.2 19.8



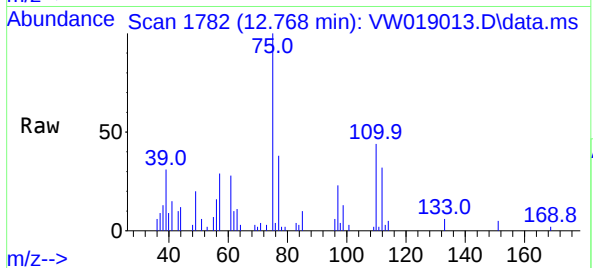
Instrument :
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ClientSampleId :
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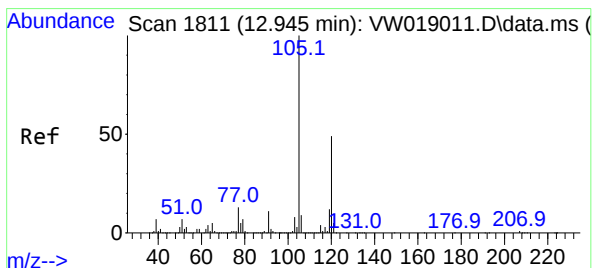
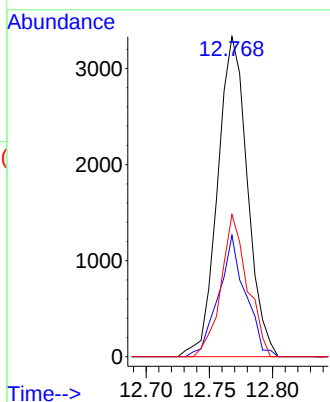
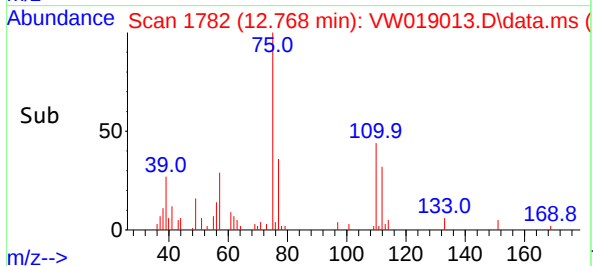
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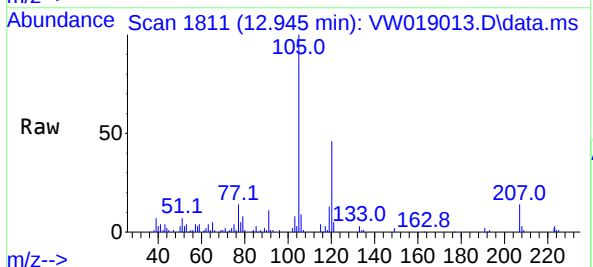
#61
1,2,3-Trichloropropane
Concen: 1.21 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



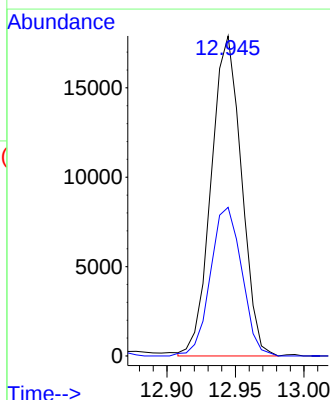
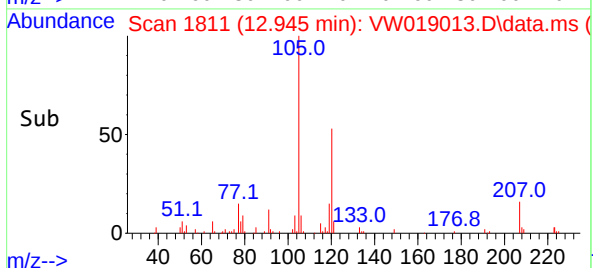
Tgt Ion:	75	Resp:	5465
Ion Ratio	Lower	Upper	
75	100		
77	34.2	25.3	37.9
110	39.3	32.6	48.8



#62
1,3,5-Trimethylbenzene
Concen: 0.93 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



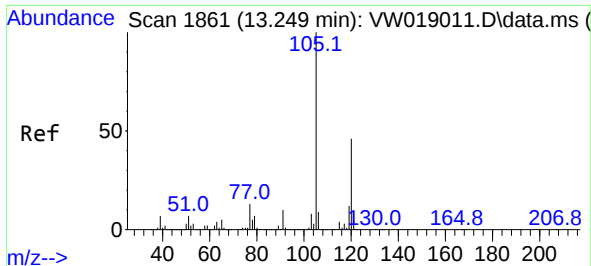
Tgt Ion:	105	Resp:	27501
Ion Ratio	Lower	Upper	
105	100		
120	48.2	39.0	58.6



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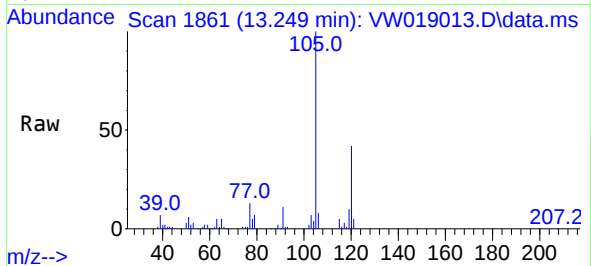
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#63
1,2,4-Trimethylbenzene
Concen: 0.95 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

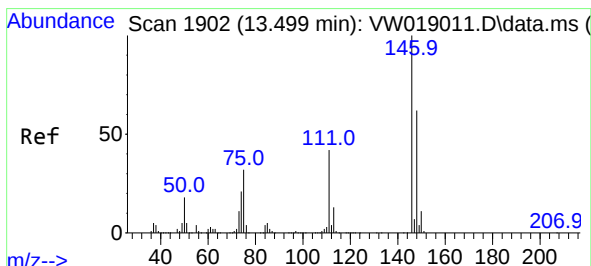
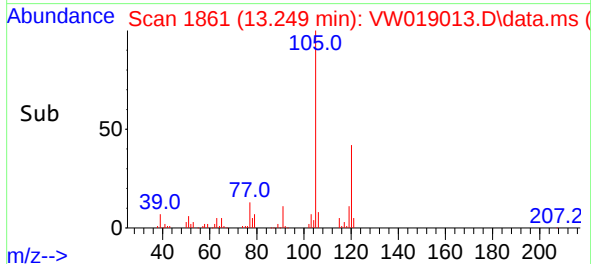
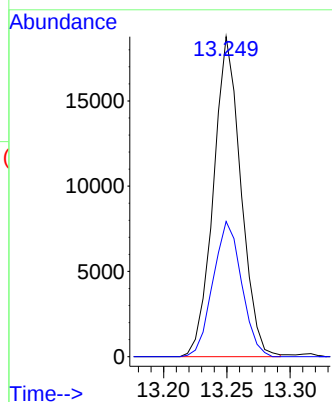
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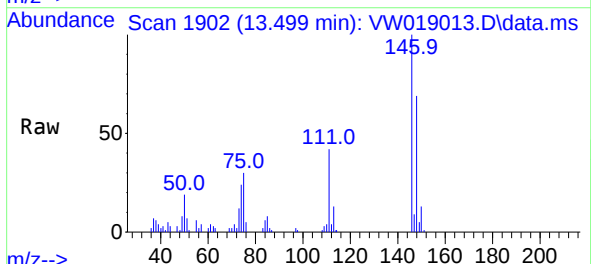
Tgt Ion:105 Resp: 28352
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

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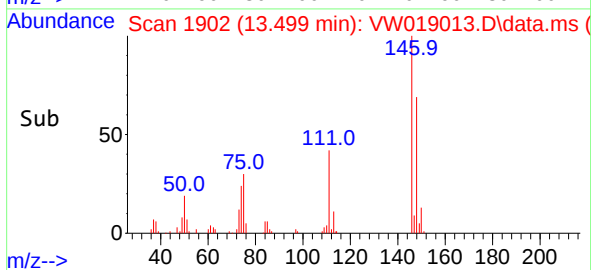
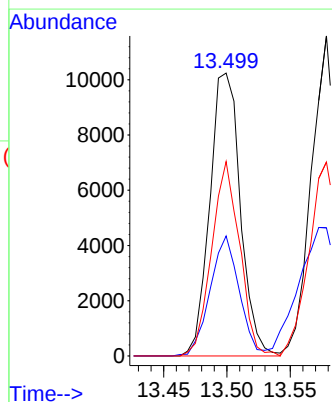
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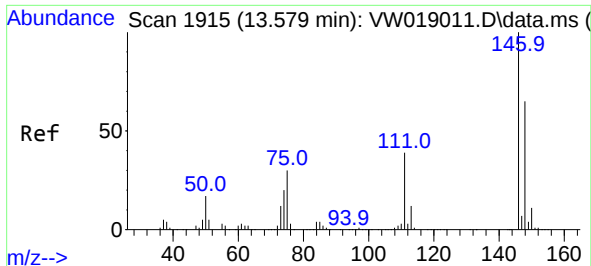


#64
1,3-Dichlorobenzene
Concen: 1.09 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



Tgt Ion:146 Resp: 17258
Ion Ratio Lower Upper
146 100
111 42.4 26.7 49.7
148 68.7 41.1 76.3





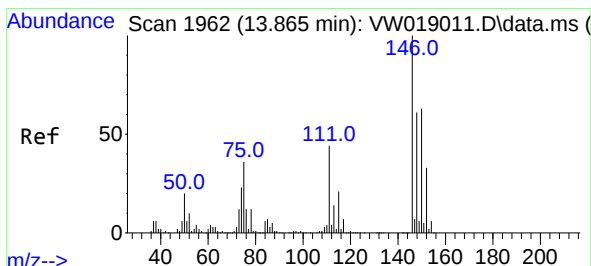
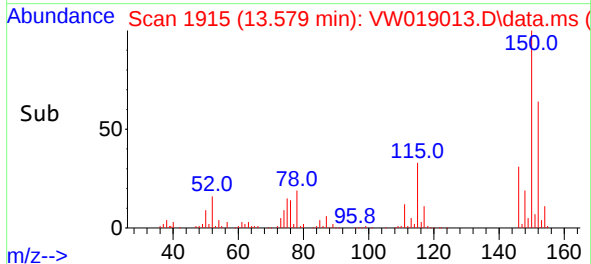
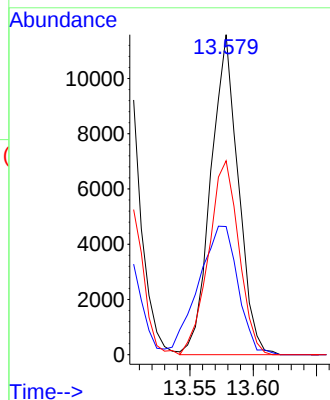
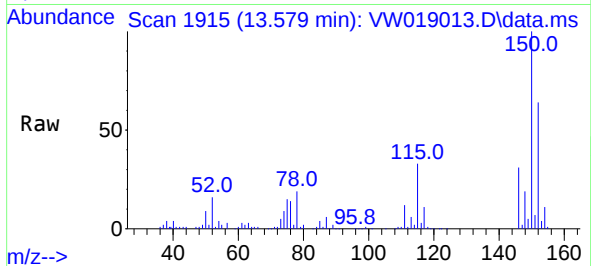
#65
1,4-Dichlorobenzene
Concen: 1.11 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:146 Resp: 17453
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.4
148 60.6 46.8 87.0

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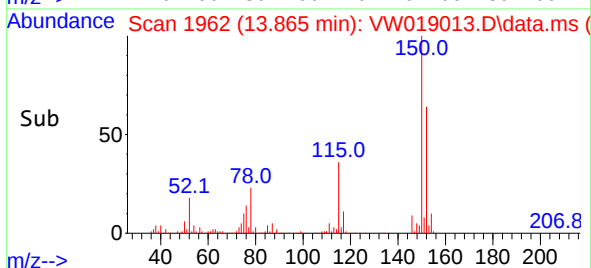
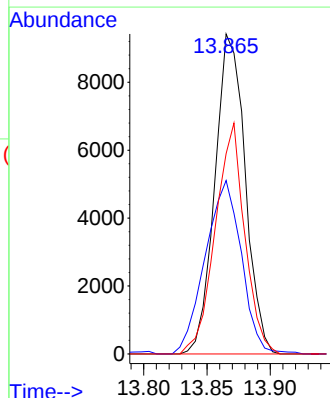
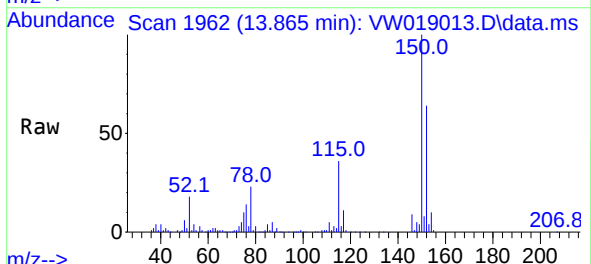
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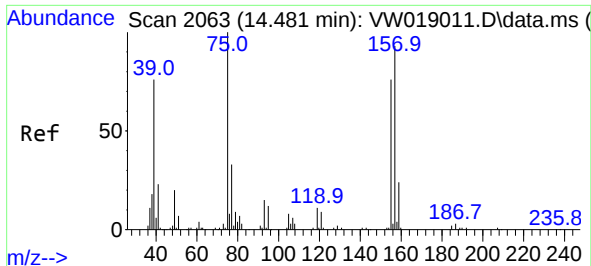
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#67
1,2-Dichlorobenzene
Concen: 1.13 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion:146 Resp: 15691
Ion Ratio Lower Upper
146 100
111 54.2 33.2 49.8#
148 62.6 50.4 75.6





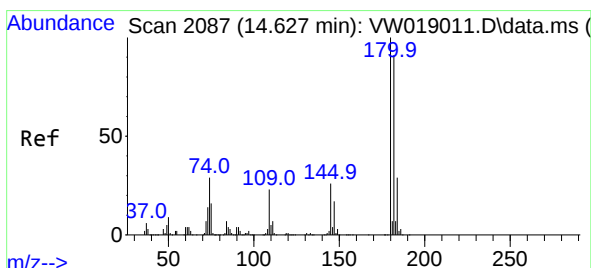
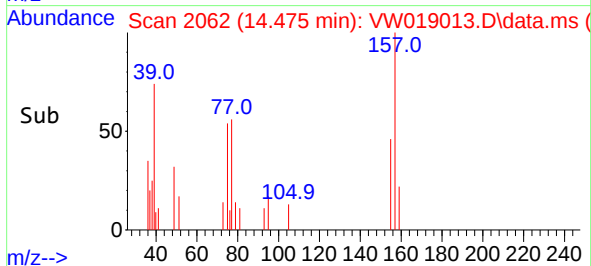
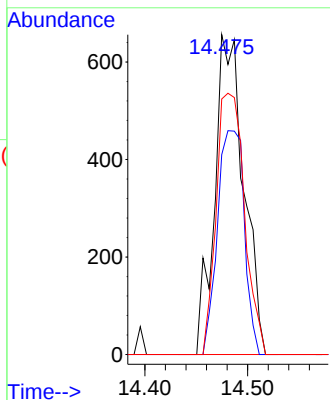
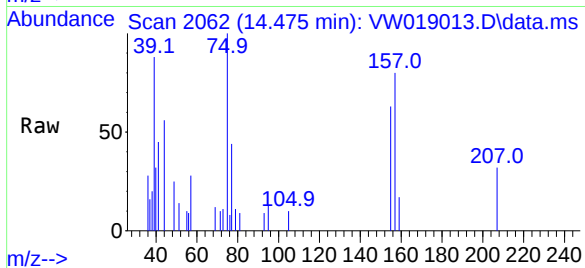
#68
1,2-Dibromo-3-chloropropane
Concen: 1.34 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 75	Resp: 1296
Ion Ratio	Lower Upper
75 100	
155 62.5	59.4 89.0
157 79.9	72.2 108.2

Instrument :
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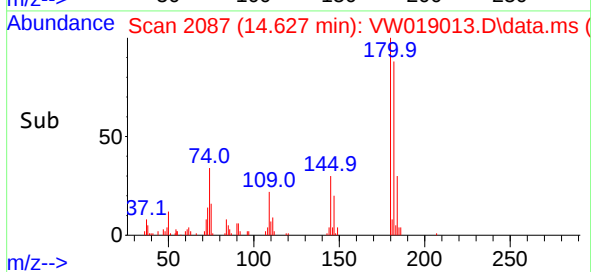
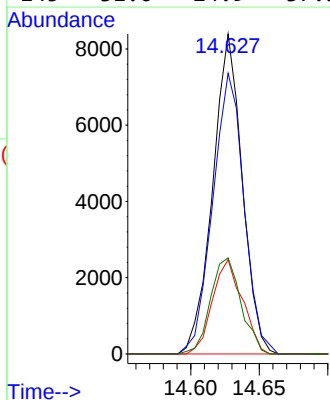
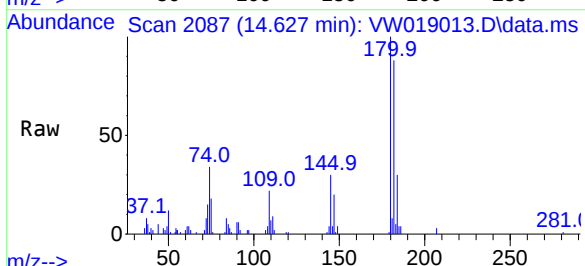
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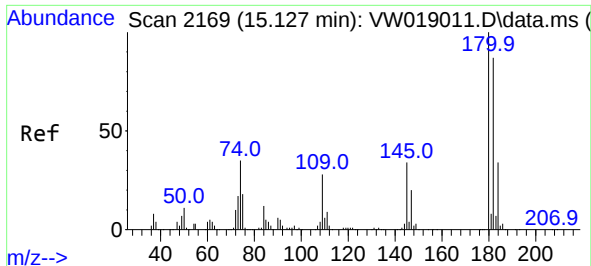
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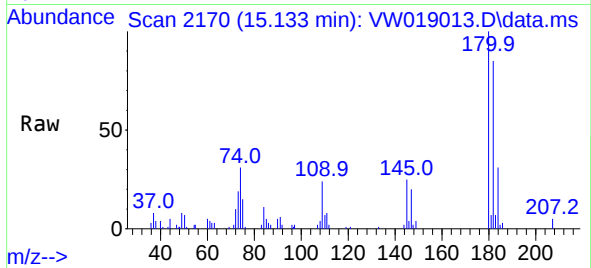
#69
1,3,5-Trichlorobenzene
Concen: 1.09 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32

Tgt Ion: 180	Resp: 12572
Ion Ratio	Lower Upper
180 100	
182 92.5	73.4 110.2
184 30.0	23.6 35.4
145 31.0	24.9 37.3

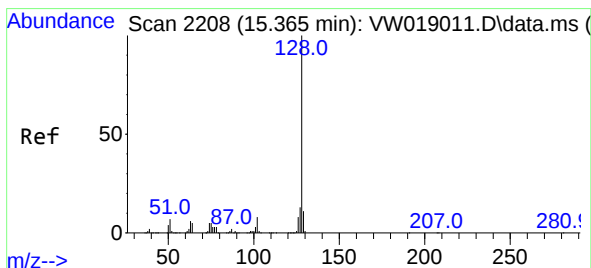
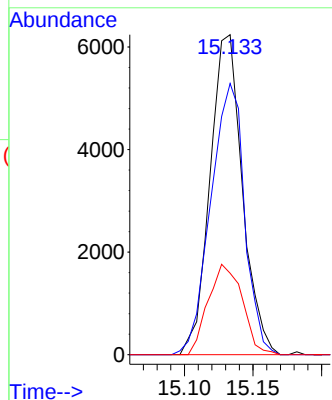
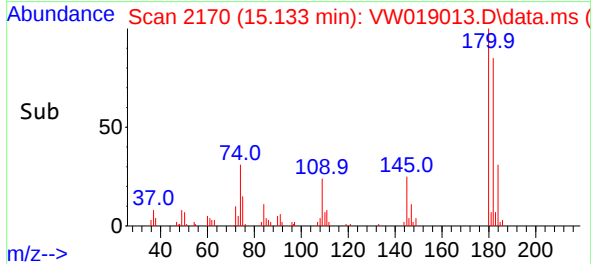




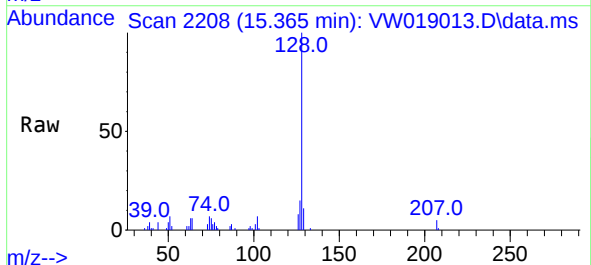
#70
1,2,4-trichlorobenzene
Concen: 1.12 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



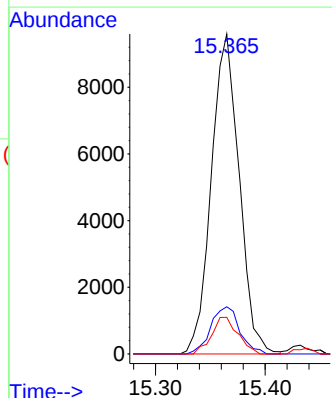
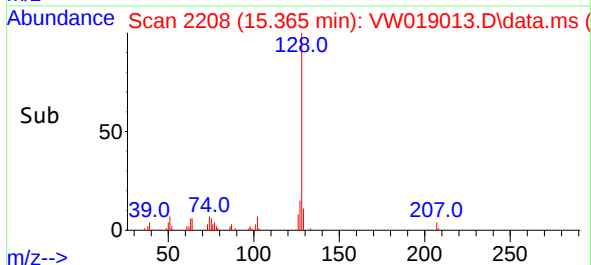
Tgt Ion:180 Resp: 10262
Ion Ratio Lower Upper
180 100
182 88.3 74.7 112.1
145 29.7 25.0 37.4



#71
Naphthalene
Concen: 1.02 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019013.D
Acq: 18 May 2021 11:32



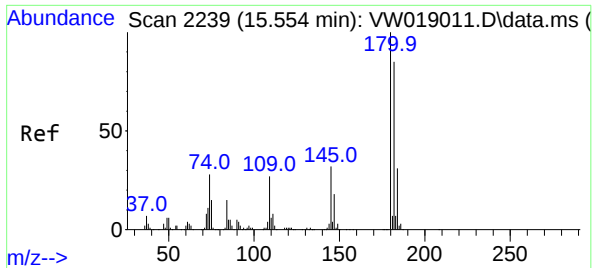
Tgt Ion:128 Resp: 16946
Ion Ratio Lower Upper
128 100
127 15.3 10.6 15.8
129 10.9 9.0 13.6



Instrument :
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1,2,3-Trichlorobenzene
 Concen: 1.03 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW019013.D
 Acq: 18 May 2021 11:32

Tgt Ion:	180	Resp:	8356
Ion Ratio	Lower	Upper	
180	100		
182	98.0	76.7	115.1
145	34.0	28.9	43.3

Instrument :
 MSVOA_W
 ClientSampleId :
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