

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023575.D
 Acq On : 17 Nov 2021 17:23
 Operator : SY/MD
 Sample : M4617-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG227DL

Quant Time: Nov 18 00:23:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

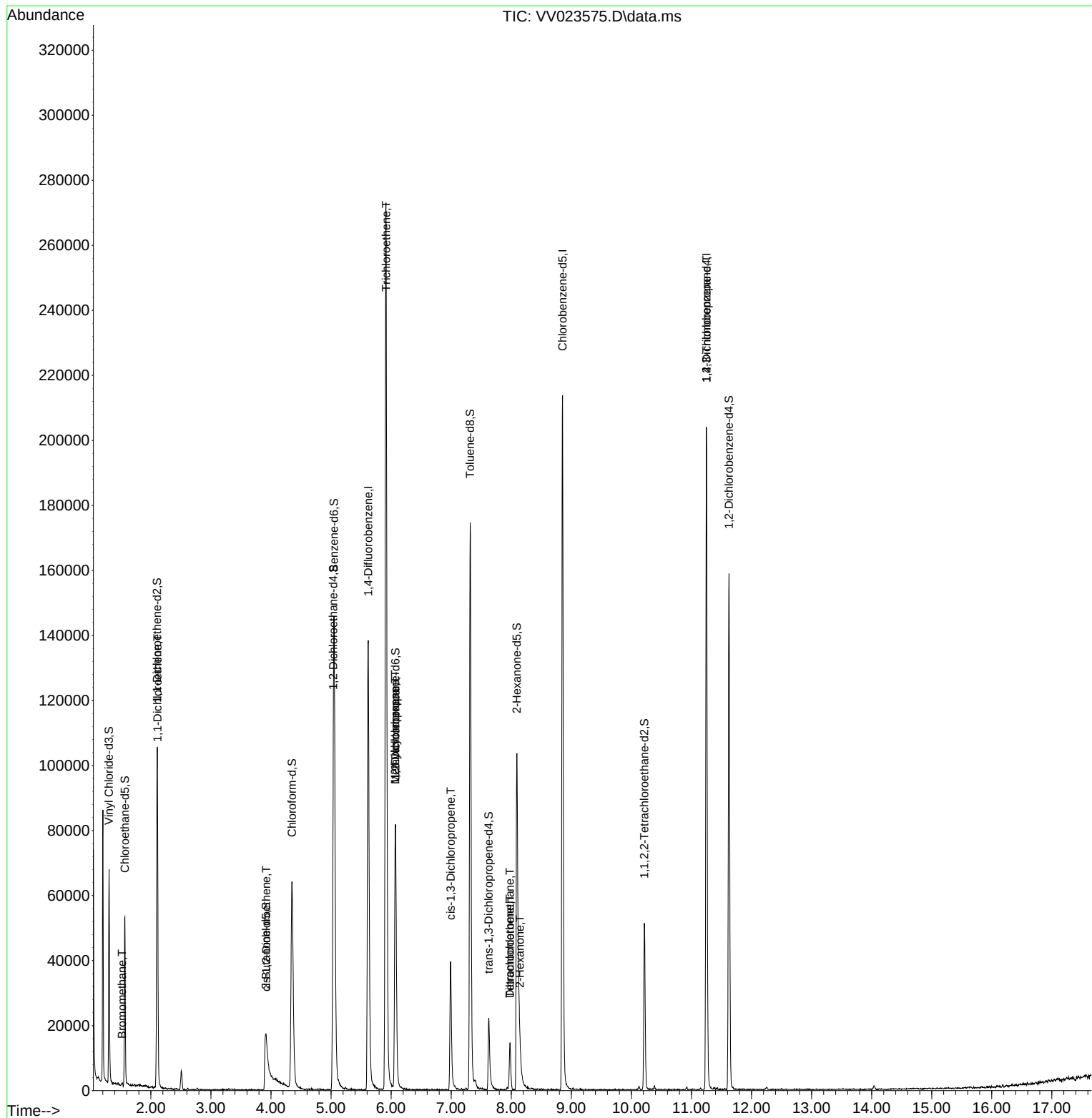
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125023	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40880	5.219	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.568	69	30562	4.788	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.800%		
11) 1,1-Dichloroethene-d2	2.105	63	55749	3.802	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 76.000%		
20) 2-Butanone-d5	3.915	46	35830	26.554	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 53.100%		
24) Chloroform-d	4.349	84	64882	3.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 77.800%		
26) 1,2-Dichloroethane-d4	5.037	65	31779	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 84.600%		
32) Benzene-d6	5.050	84	132748	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.600%		
36) 1,2-Dichloropropane-d6	6.072	67	38742	4.291	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 85.800%		
41) Toluene-d8	7.317	98	116316	4.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 81.000%		
43) trans-1,3-Dichloroprop...	7.625	79	14523	4.242	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.800%		
46) 2-Hexanone-d5	8.091	63	43157	34.260	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 68.520%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24158	3.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 74.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	42127	4.625	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.600%		
Target Compounds						Qvalue
6) Bromomethane	1.519	94	409	0.062	ug/L	95
12) 1,1-Dichloroethene	2.111	96	827	0.111	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	1575	0.179	ug/L #	77
34) Trichloroethene	5.915	95	94270	10.609	ug/L	98
35) Methylcyclohexane	6.069	83	10029	0.715	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	4571	0.586	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1050	0.094	ug/L #	60
47) Tetrachloroethene	7.979	164	3530	0.458	ug/L	91
48) 2-Hexanone	8.143	43	3715	1.465	ug/L #	49
49) Dibromochloromethane	7.979	129	3045	0.429	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5972	1.644	ug/L #	65

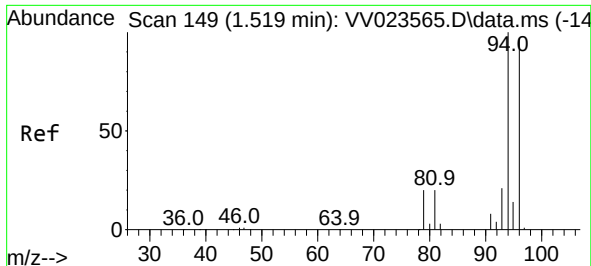
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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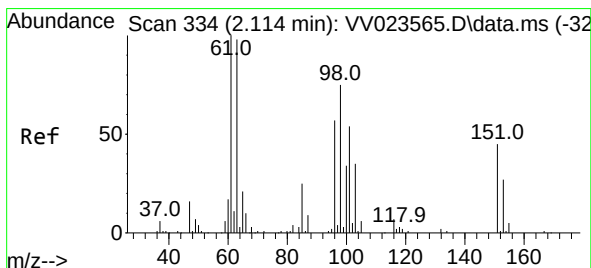
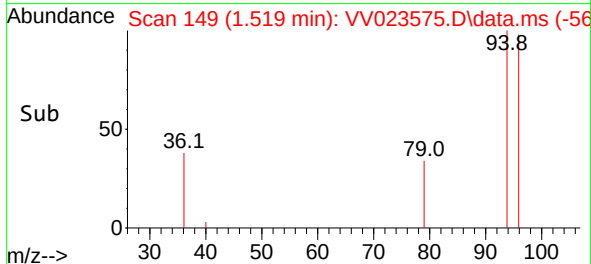
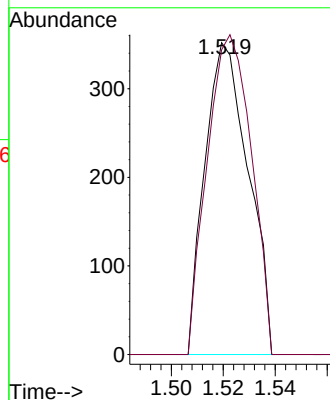
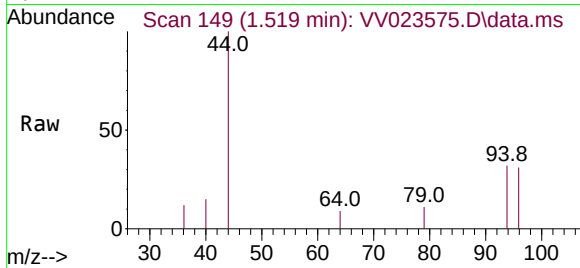




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

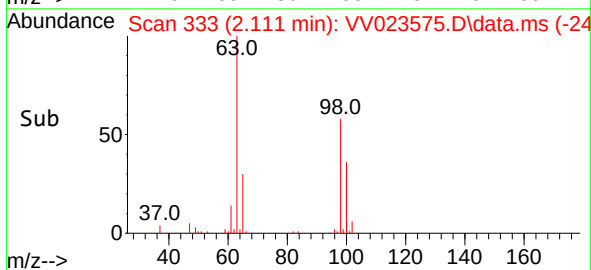
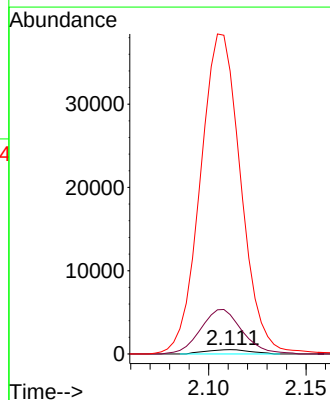
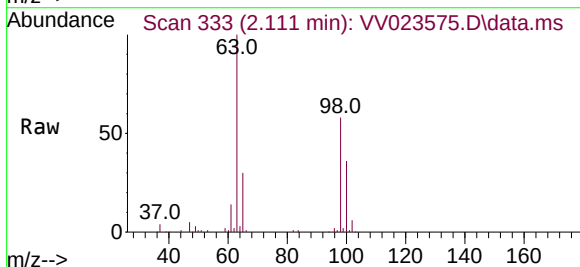
Instrument :
MSVOA_V
ClientSampleId :
BG227DL

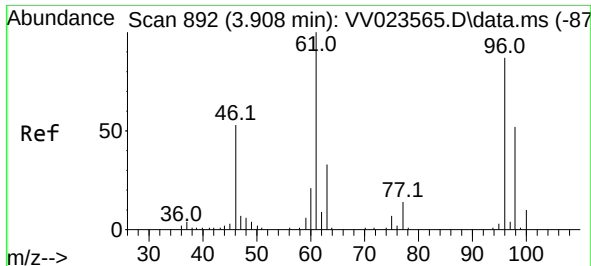
Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 97.7 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.111 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

Tgt Ion: 96 Resp: 827
Ion Ratio Lower Upper
96 100
61 903.3 121.5 225.7#
63 6497.9 99.6 185.0#





#22

cis-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 3.921 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV023575.D

Acq: 17 Nov 2021 17:23

Instrument :

MSVOA_V

ClientSampleId :

BG227DL

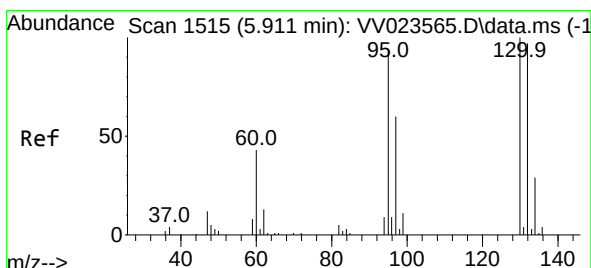
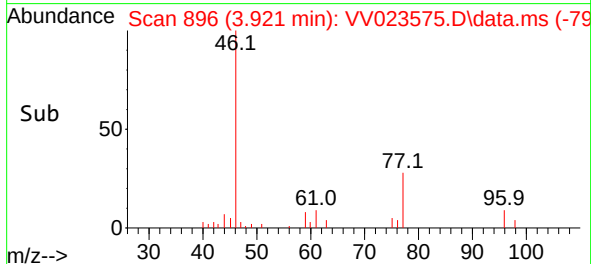
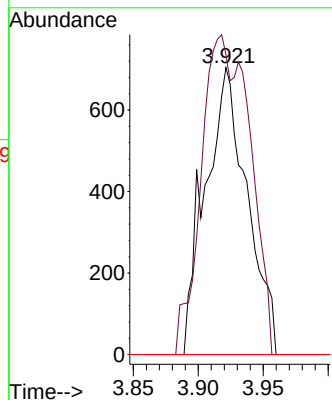
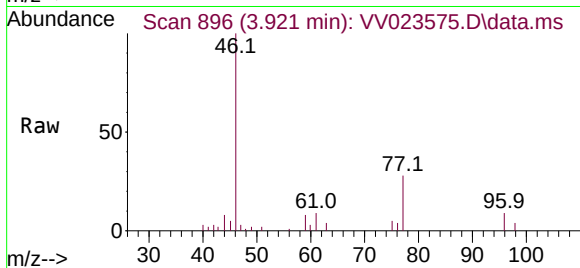
Tgt Ion: 96 Resp: 1575

Ion Ratio Lower Upper

96 100

61 104.5 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 10.609 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023575.D

Acq: 17 Nov 2021 17:23

Tgt Ion: 95 Resp: 94270

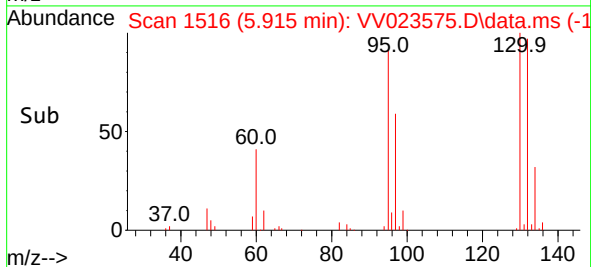
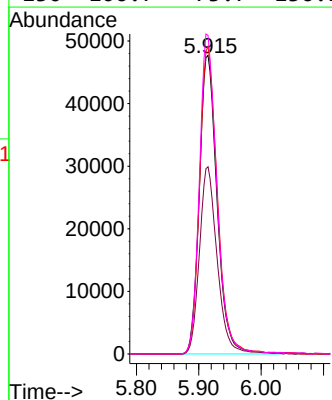
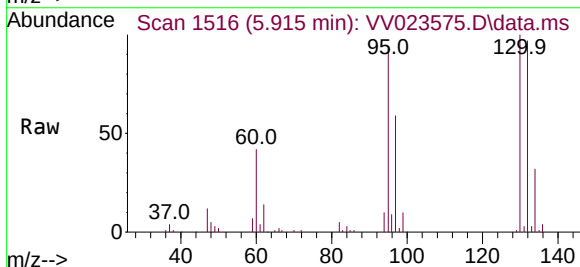
Ion Ratio Lower Upper

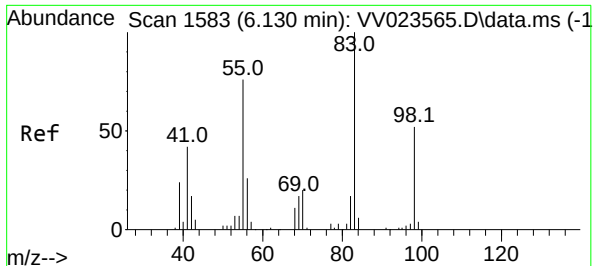
95 100

97 62.7 45.0 83.6

132 103.0 69.7 129.4

130 106.7 73.7 136.9

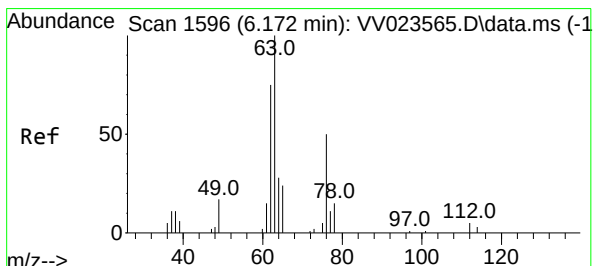
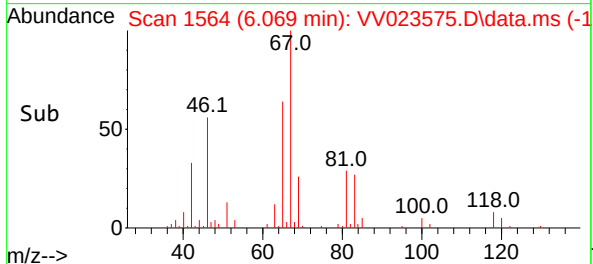
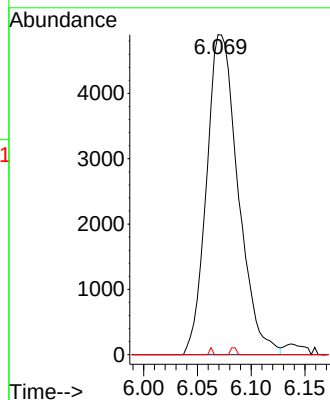
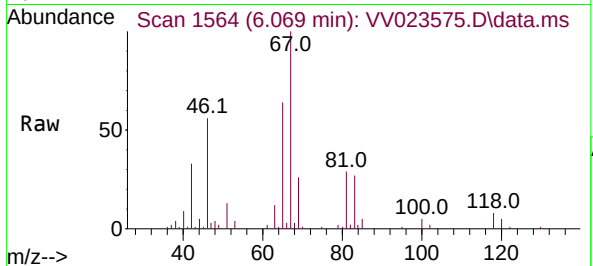




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

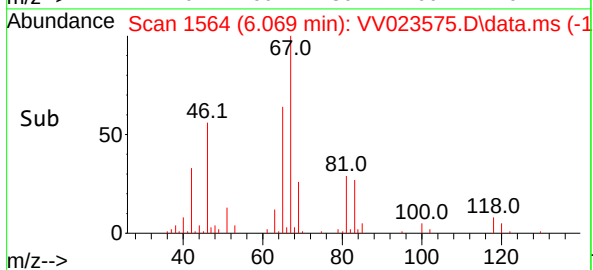
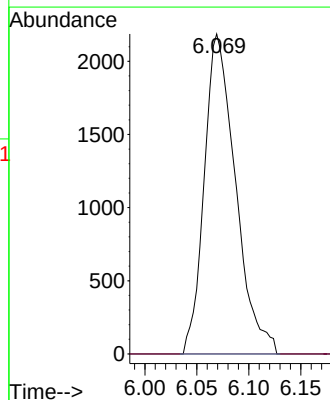
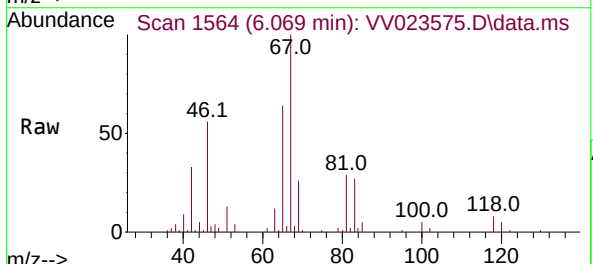
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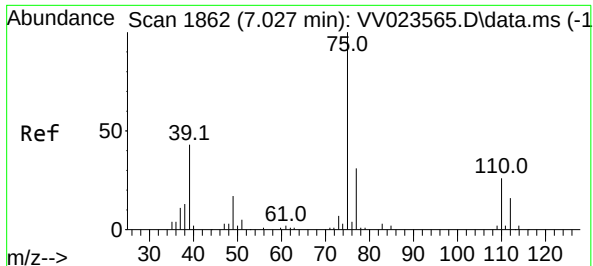
Tgt Ion: 83 Resp: 10029
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 4.8 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

Tgt Ion: 63 Resp: 4571
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023575.D

Acq: 17 Nov 2021 17:23

Instrument :

MSVOA_V

ClientSampleId :

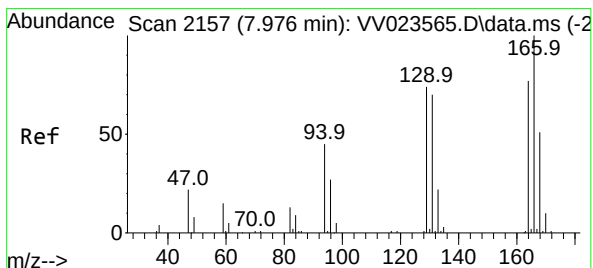
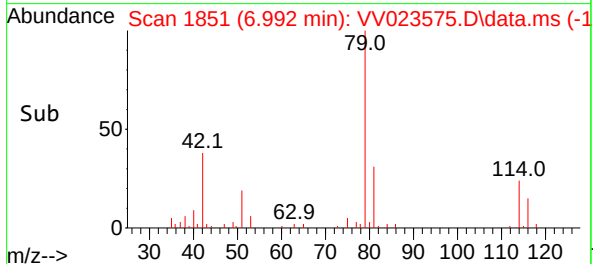
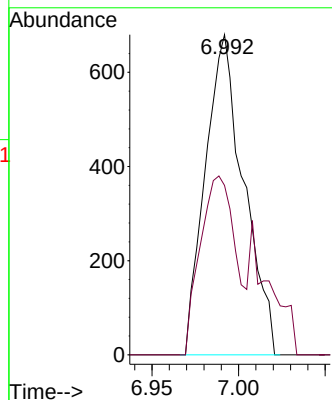
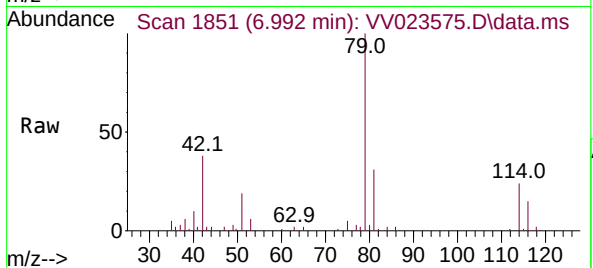
BG227DL

Tgt Ion: 75 Resp: 1050

Ion Ratio Lower Upper

75 100

77 52.9 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.458 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023575.D

Acq: 17 Nov 2021 17:23

Tgt Ion:164 Resp: 3530

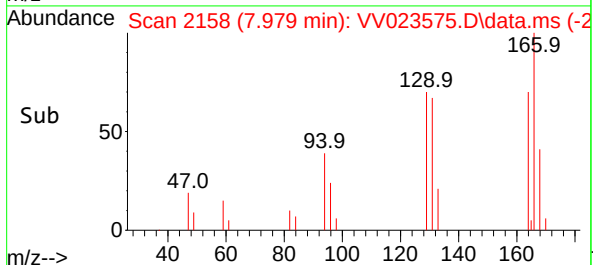
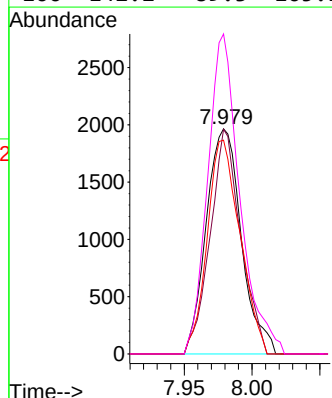
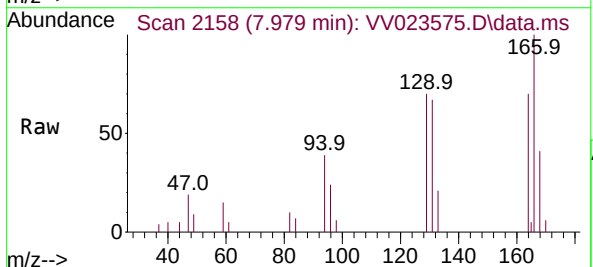
Ion Ratio Lower Upper

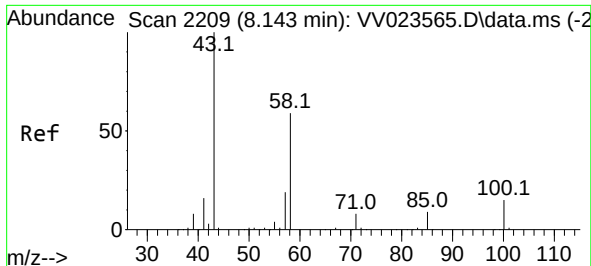
164 100

129 99.8 64.0 119.0

131 95.0 63.4 117.8

166 142.2 89.3 165.9

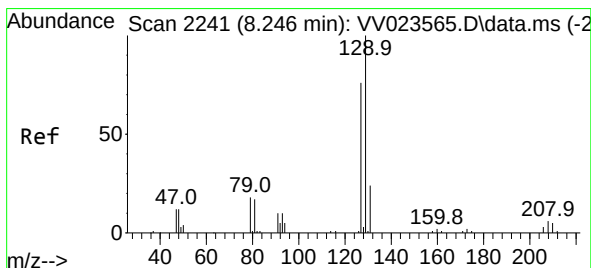
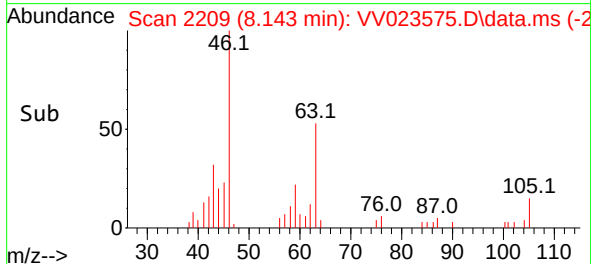
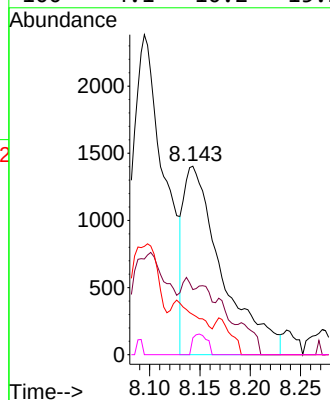
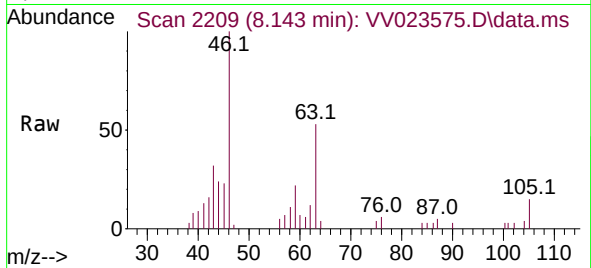




#48
2-Hexanone
Concen: 1.465 ug/L
RT: 8.143 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

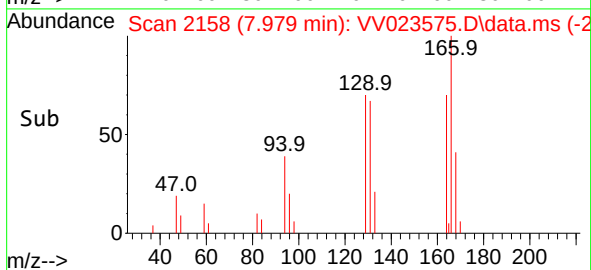
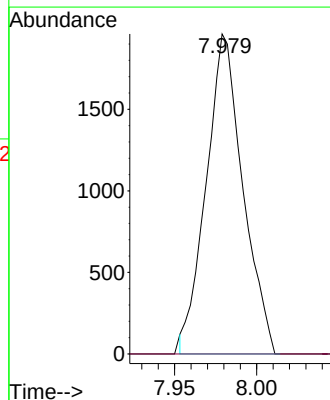
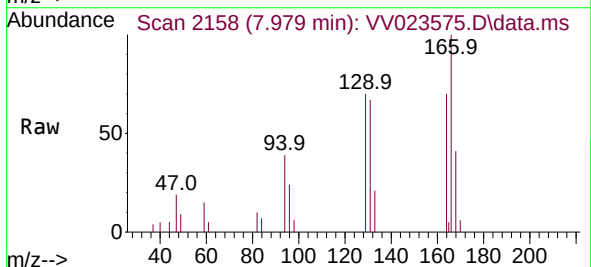
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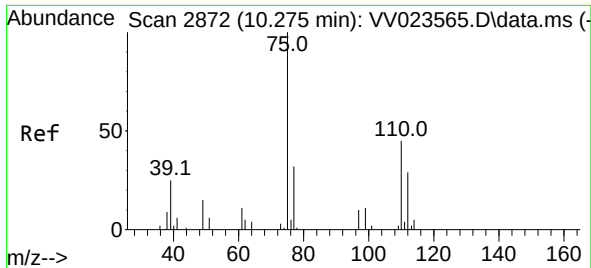
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 3.4 43.7 65.5#
57 22.2 14.1 21.1#
100 4.1 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.429 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023575.D
Acq: 17 Nov 2021 17:23

Tgt Ion: 129 Resp: 3045
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.644 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023575.D
 Acq: 17 Nov 2021 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BG227DL

Tgt Ion: 75 Resp: 5972
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.6 39.8
 110 2.9 31.8 47.6#

