

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023465.D
 Acq On : 13 Nov 2021 00:49
 Operator : SY/MD
 Sample : M4616-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 02:00:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

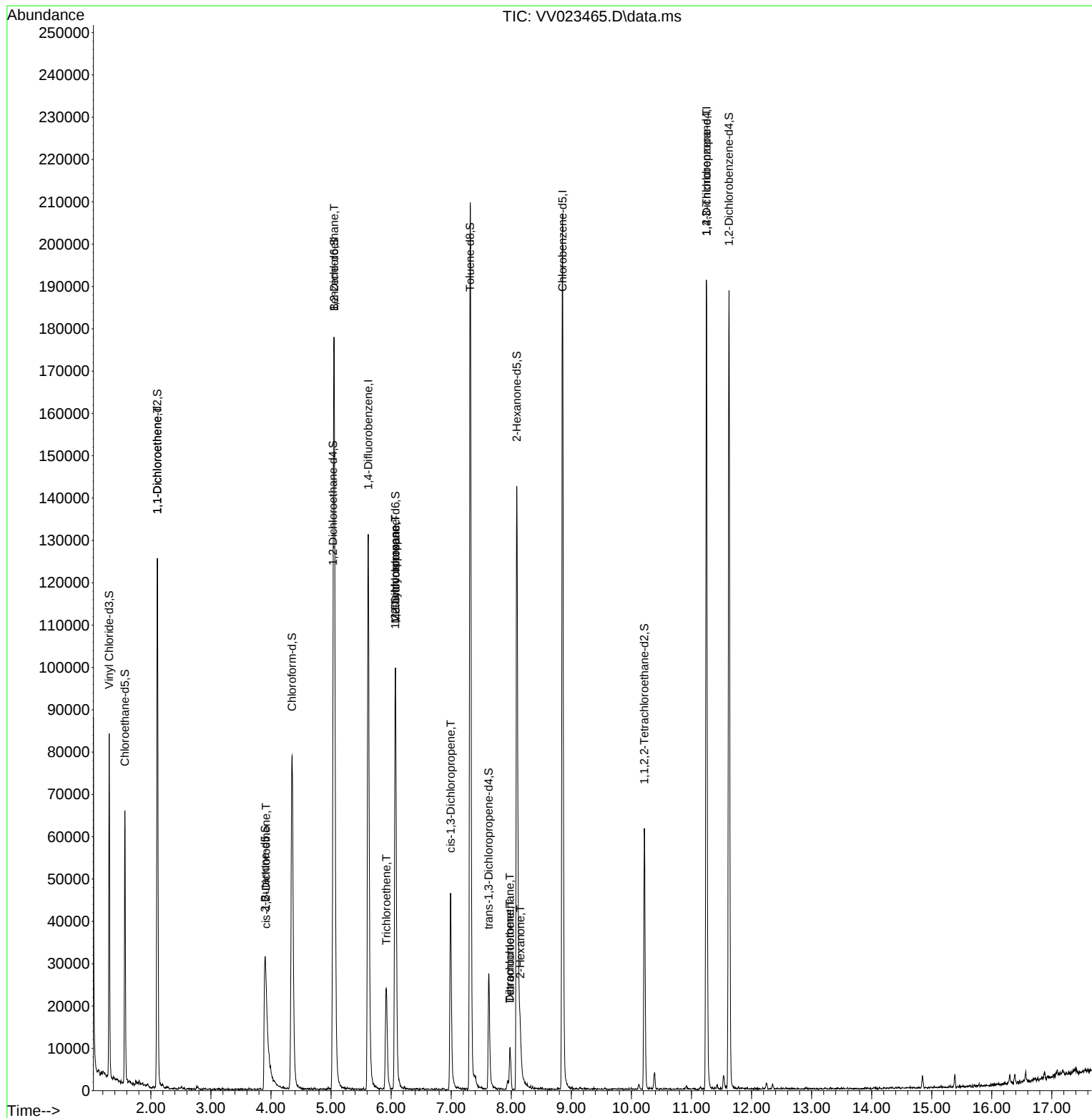
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116283	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	117063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49543	6.801	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 136.000%#		
7) Chloroethane-d5	1.567	69	37814	6.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 127.400%		
11) 1,1-Dichloroethene-d2	2.108	63	65739	4.821	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.400%		
20) 2-Butanone-d5	3.902	46	63502	50.598	ug/L	-0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.200%		
24) Chloroform-d	4.352	84	81392	5.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4	5.034	65	39214	5.617	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
32) Benzene-d6	5.053	84	164985	5.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6	6.072	67	47565	5.380	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.316	98	141426	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
43) trans-1,3-Dichloroprop...	7.625	79	16695	4.980	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.600%		
46) 2-Hexanone-d5	8.091	63	46226	37.475	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 74.940%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28848	4.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	50450	5.912	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.200%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	479	0.069	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	710	0.087	ug/L #	95
27) 1,2-Dichloroethane	5.053	62	1077	0.132	ug/L #	72
34) Trichloroethene	5.921	95	7799	0.896	ug/L	98
35) Methylcyclohexane	6.072	83	12040	0.877	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5683	0.744	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1251	0.114	ug/L #	61
47) Tetrachloroethene	7.979	164	2634	0.349	ug/L	85
48) 2-Hexanone	8.149	43	9260	3.730	ug/L #	89
49) Dibromochloromethane	7.979	129	1952	0.281	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5044	1.482	ug/L #	64

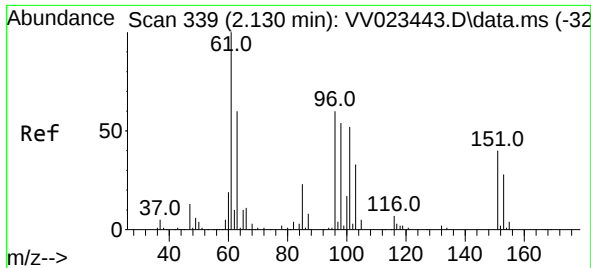
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

Instrument :

MSVOA_V

ClientSampleId :

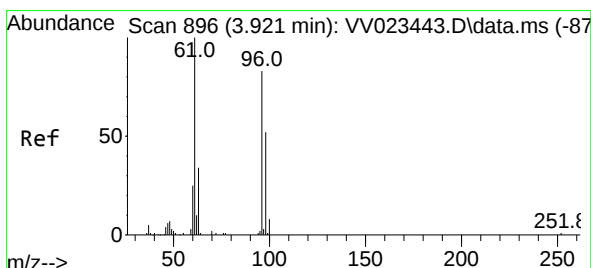
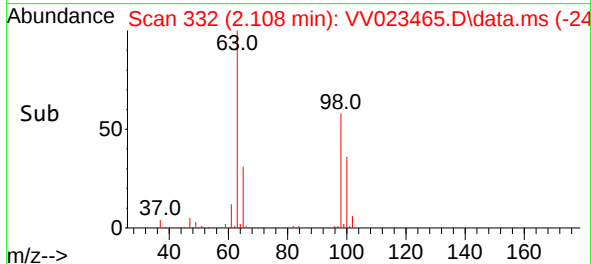
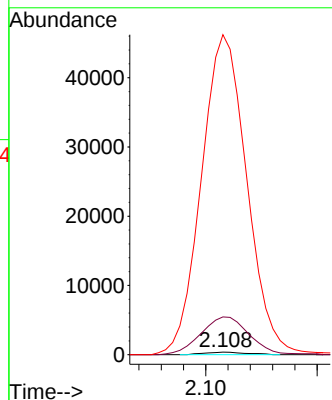
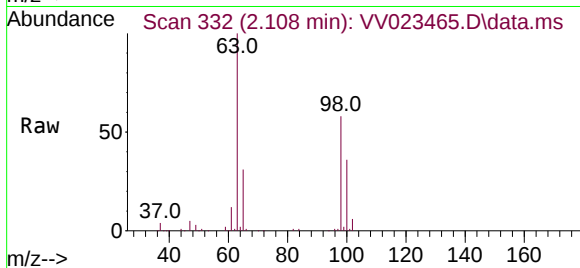
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 1508.6 121.5 225.7#

63 12766.9 99.6 185.0#



#22

cis-1,2-Dichloroethene

Concen: 0.087 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.007 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

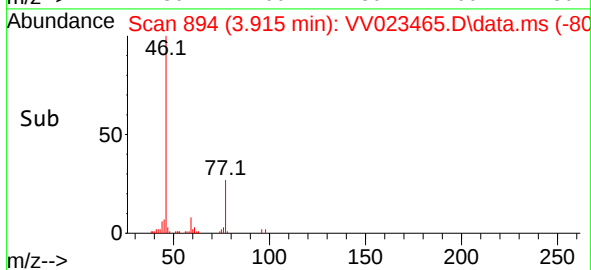
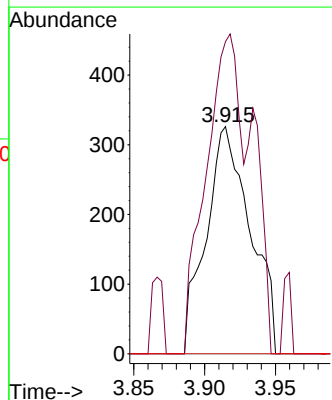
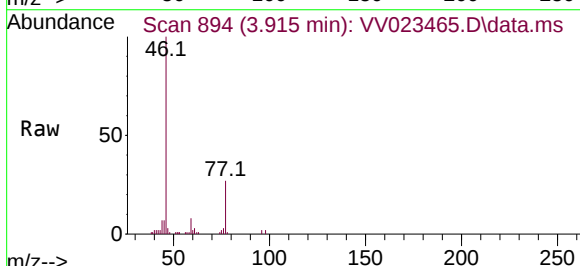
Tgt Ion: 96 Resp: 710

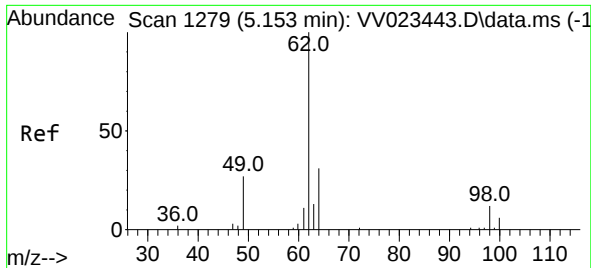
Ion Ratio Lower Upper

96 100

61 137.4 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.132 ug/L

RT: 5.053 min Scan# 1518

Delta R.T. -0.100 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

Instrument :

MSVOA_V

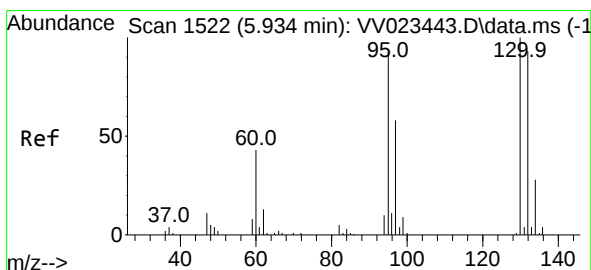
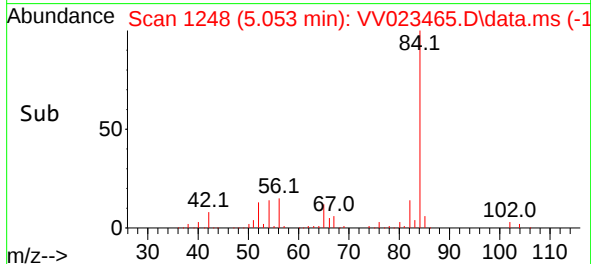
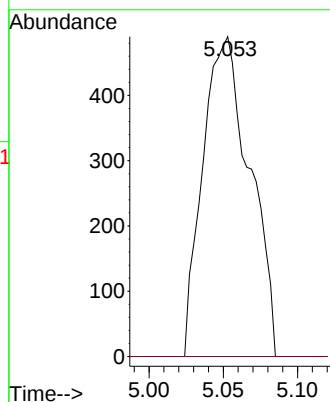
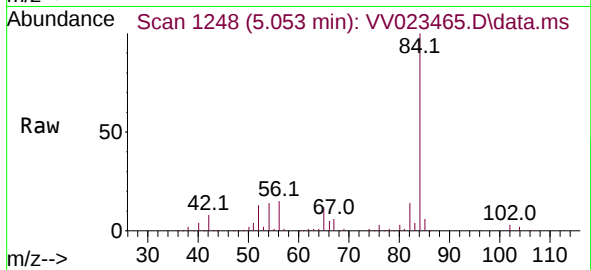
ClientSampleId :

Tgt Ion: 62 Resp: 1077

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.896 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. -0.013 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

Tgt Ion: 95 Resp: 7799

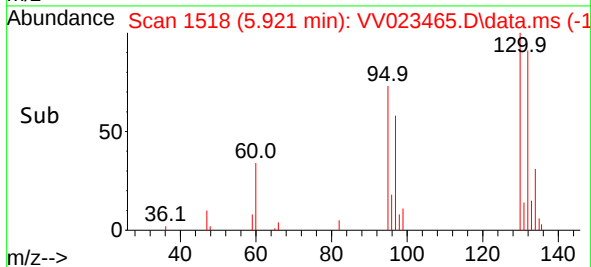
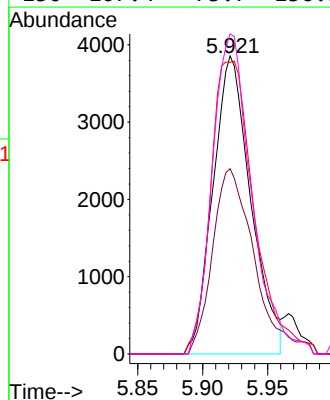
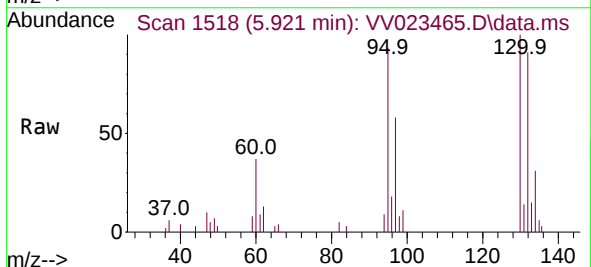
Ion Ratio Lower Upper

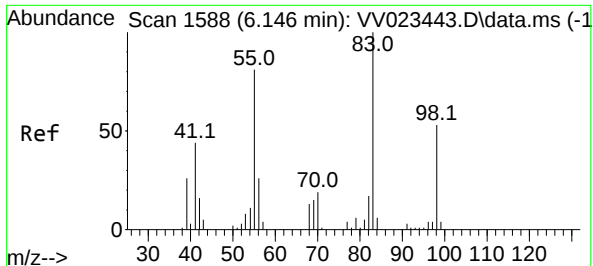
95 100

97 62.2 45.0 83.6

132 97.8 69.7 129.4

130 107.4 73.7 136.9

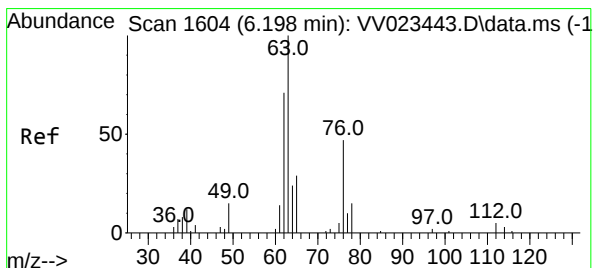
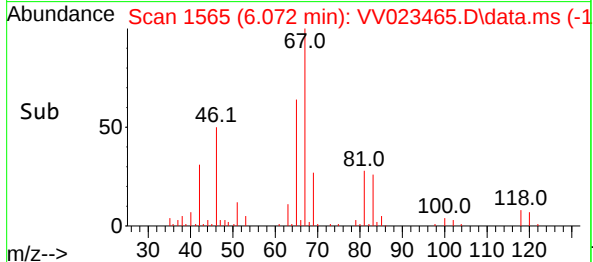
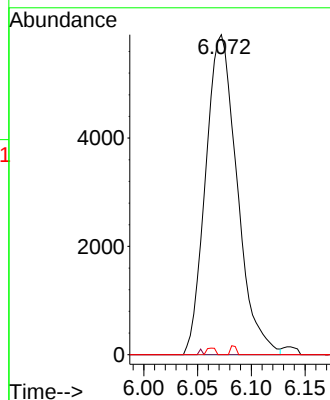
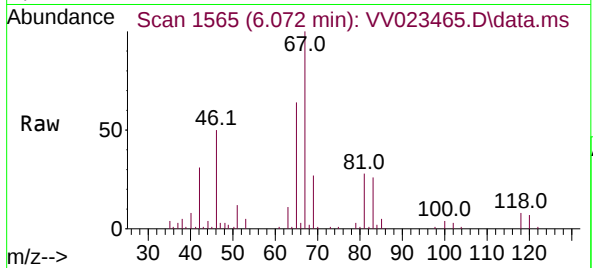




#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV023465.D
Acq: 13 Nov 2021 00:49

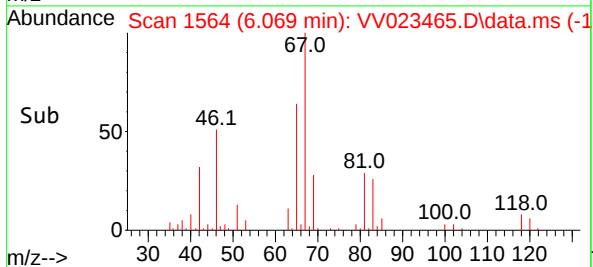
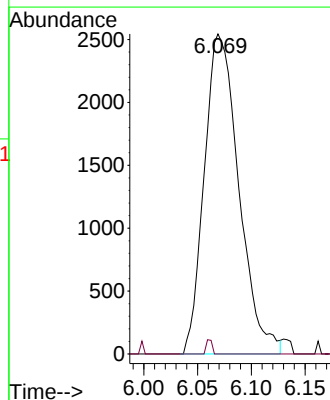
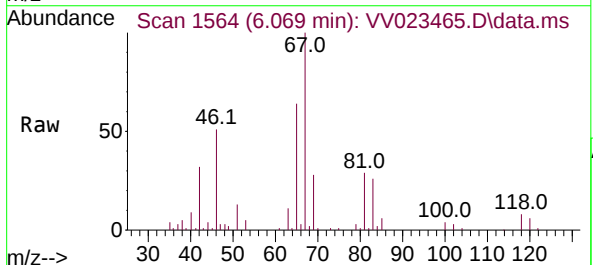
Instrument :
MSVOA_V
ClientSampleId :

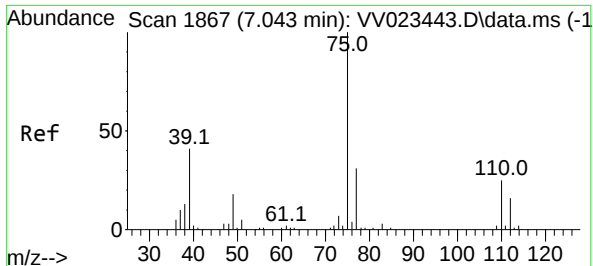
Tgt Ion: 83 Resp: 12040
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.129 min
Lab File: VV023465.D
Acq: 13 Nov 2021 00:49

Tgt Ion: 63 Resp: 5683
Ion Ratio Lower Upper
63 100
112 0.8 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.052 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

Instrument :

MSVOA_V

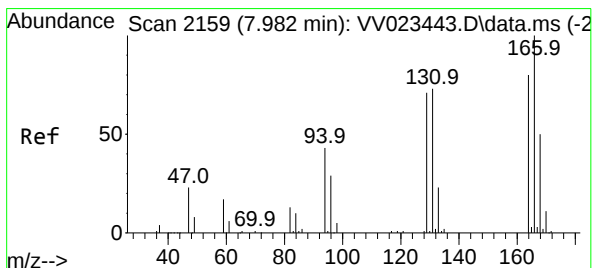
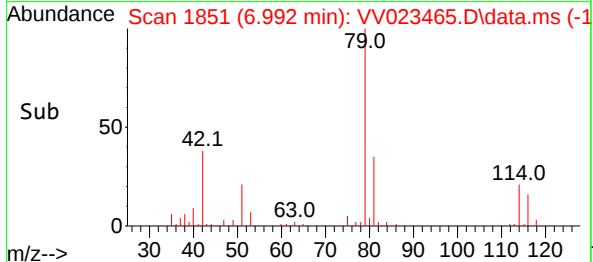
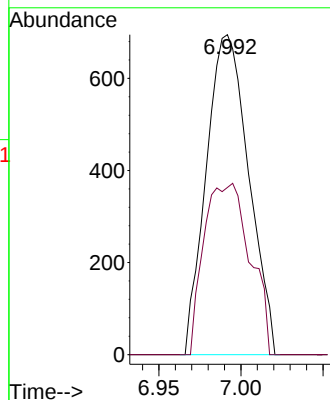
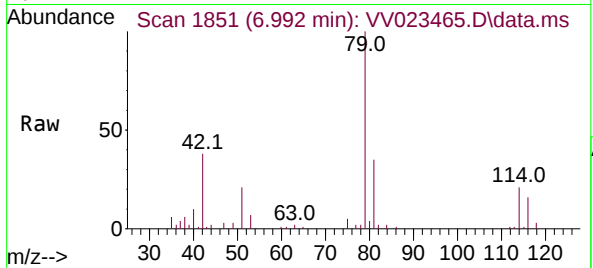
ClientSampleId :

Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

77 52.2 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.349 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.003 min

Lab File: VV023465.D

Acq: 13 Nov 2021 00:49

Tgt Ion: 164 Resp: 2634

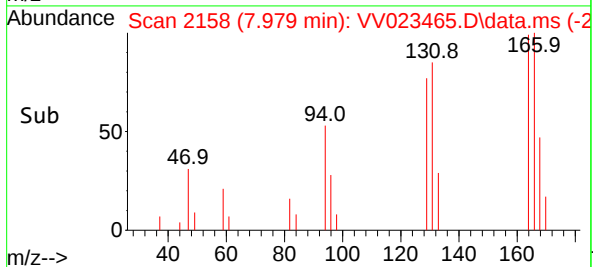
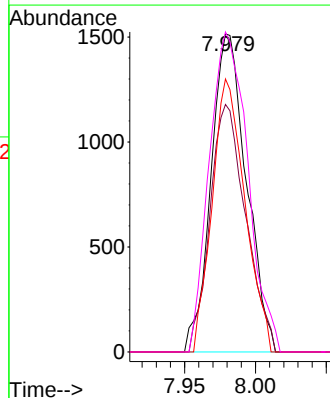
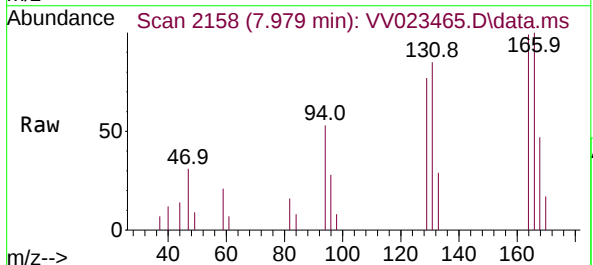
Ion Ratio Lower Upper

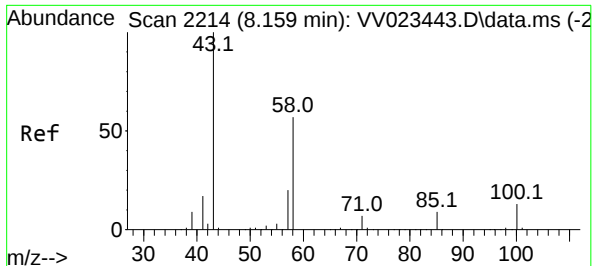
164 100

129 77.8 64.0 119.0

131 85.8 63.4 117.8

166 100.6 89.3 165.9

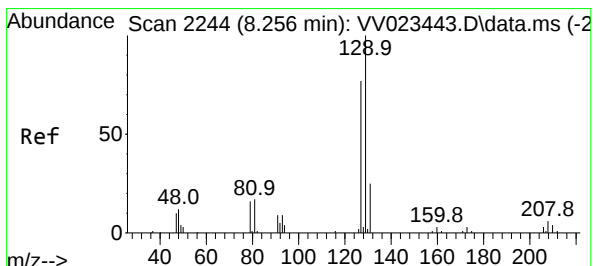
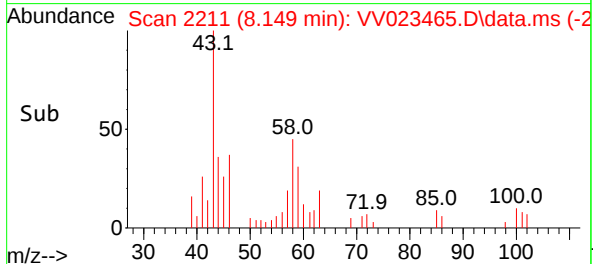
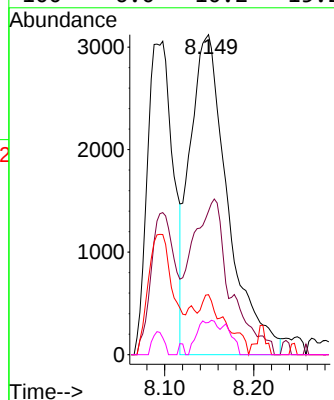
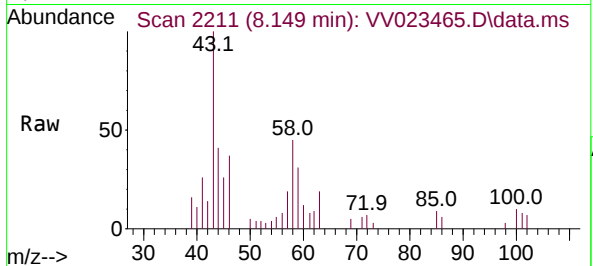




#48
2-Hexanone
Concen: 3.730 ug/L
RT: 8.149 min Scan# 2158
Delta R.T. -0.010 min
Lab File: VV023465.D
Acq: 13 Nov 2021 00:49

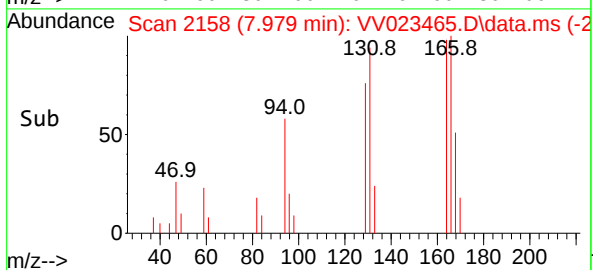
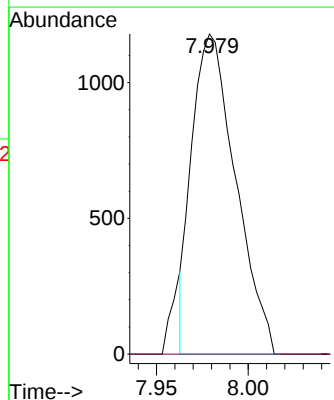
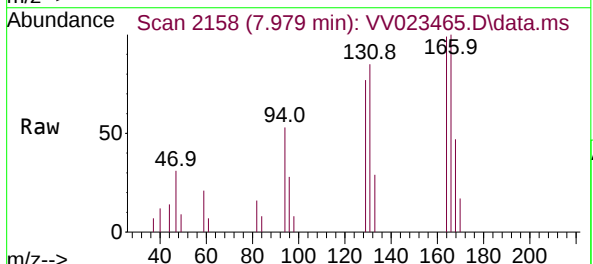
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MSVOA_V
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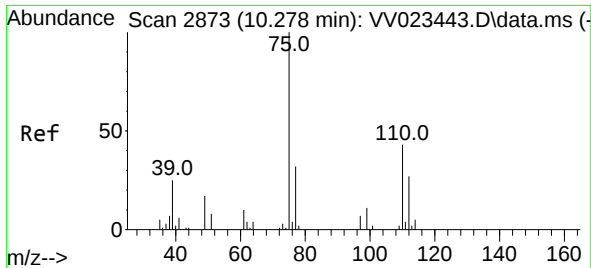
Tgt Ion: 43	Resp: 9260
Ion Ratio	Lower Upper
43	100
58	48.0 43.7 65.5
57	12.2 14.1 21.1#
100	6.0 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.281 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.277 min
Lab File: VV023465.D
Acq: 13 Nov 2021 00:49

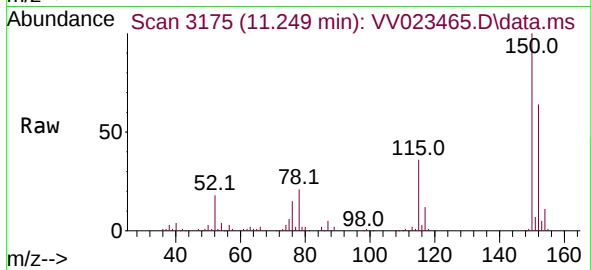
Tgt Ion: 129	Resp: 1952
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV023465.D
 Acq: 13 Nov 2021 00:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5044
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.6 39.8
 110 2.7 31.8 47.6#

