

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023245.D
 Acq On : 05 Nov 2021 20:18
 Operator : SY/MD
 Sample : M4535-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:19:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

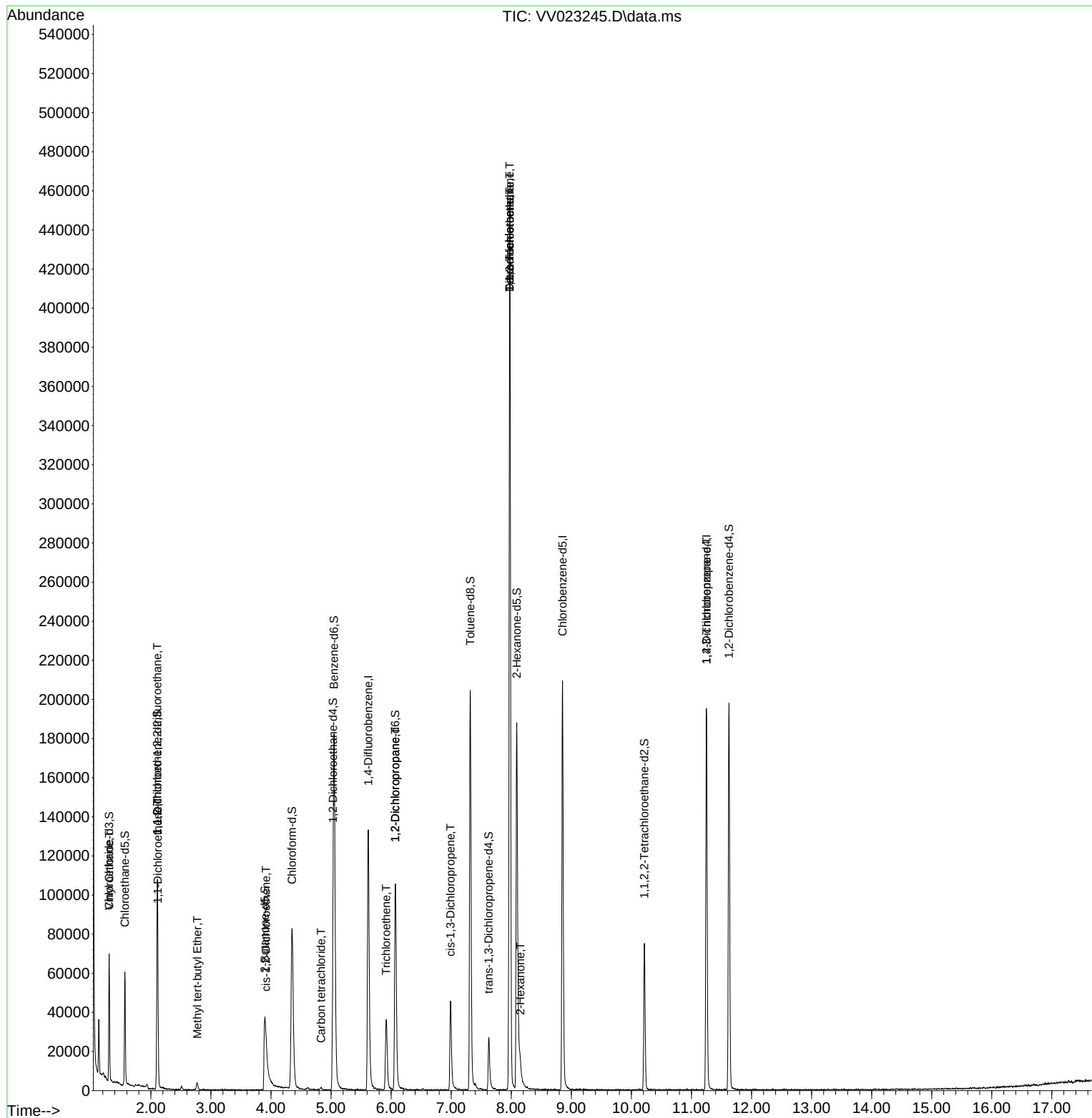
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38704	5.230	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.568	69	34097	5.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.108	63	53785	3.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 77.600%		
20) 2-Butanone-d5	3.899	46	74579	66.703	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 133.400%#		
24) Chloroform-d	4.349	84	87161	5.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
26) 1,2-Dichloroethane-d4	5.034	65	40843	5.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.200%		
32) Benzene-d6	5.050	84	164073	5.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.400%		
36) 1,2-Dichloropropane-d6	6.069	67	51532	5.783	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.600%		
41) Toluene-d8	7.317	98	136486	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	7.625	79	16368	4.844	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.091	63	68091	54.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.540%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35711	5.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52117	5.827	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.600%		
Target Compounds						Qvalue
8) Chloroethane	1.307	64	533	0.094	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1013	0.137	ug/L #	49
12) 1,1-Dichloroethene	2.117	96	1333	0.189	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2524	0.163	ug/L #	74
22) cis-1,2-Dichloroethene	3.918	96	1284	0.154	ug/L	90
31) Carbon tetrachloride	4.834	117	977	0.076	ug/L	82
34) Trichloroethene	5.918	95	12738	1.453	ug/L	97
37) 1,2-Dichloropropane	6.069	63	5878	0.764	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1279	0.116	ug/L #	67
45) 1,1,2-Trichloroethane	7.976	97	828	0.150	ug/L #	1
47) Tetrachloroethene	7.976	164	102670	13.510	ug/L	98
48) 2-Hexanone	8.153	43	4372	1.707	ug/L #	90
49) Dibromochloromethane	7.976	129	91576	13.066	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6154	1.725	ug/L #	64

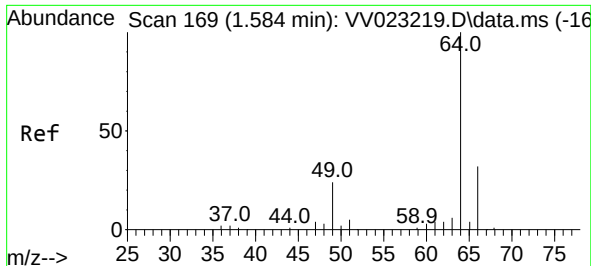
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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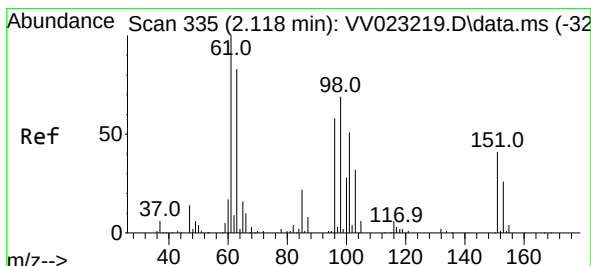
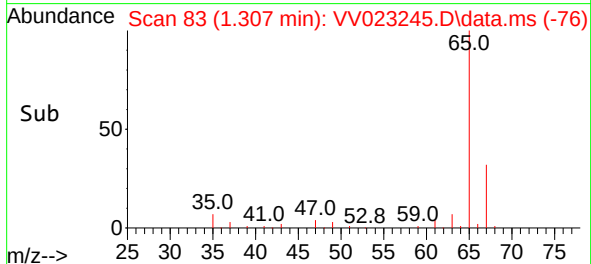
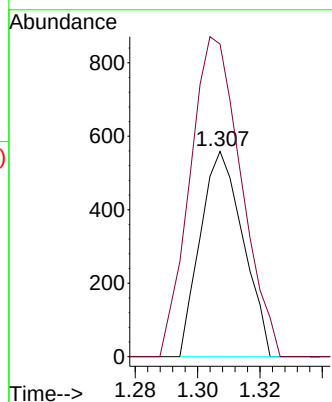
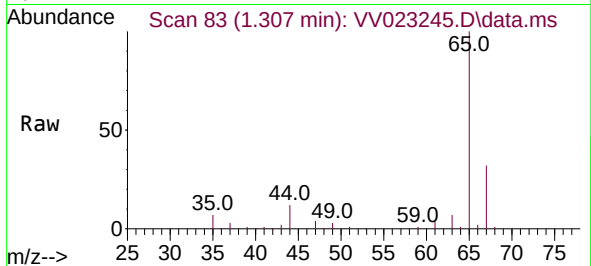




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

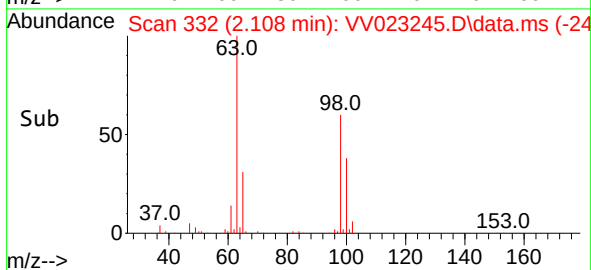
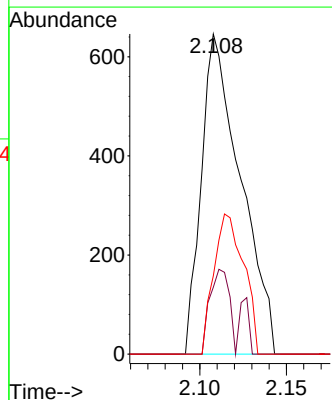
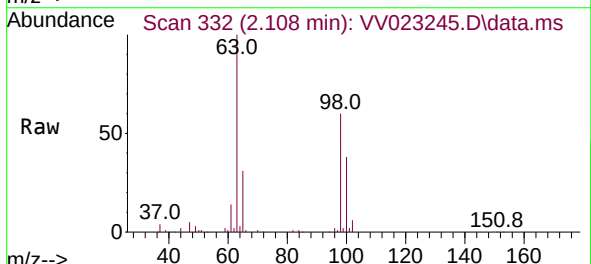
Instrument :
MSVOA_V
ClientSampleId :

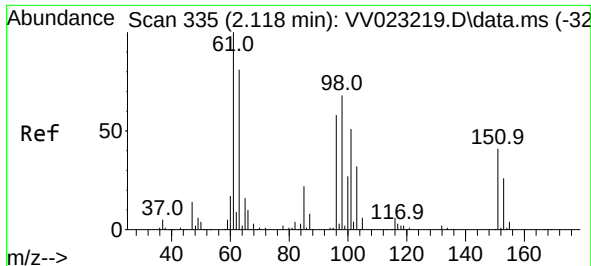
Tgt Ion: 64 Resp: 533
Ion Ratio Lower Upper
64 100
66 152.2 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.137 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

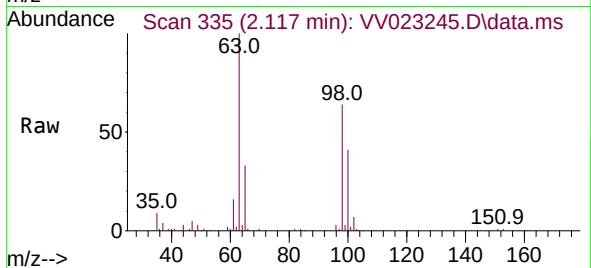
Tgt Ion: 101 Resp: 1013
Ion Ratio Lower Upper
101 100
85 13.1 35.4 53.0#
151 33.4 64.3 96.5#



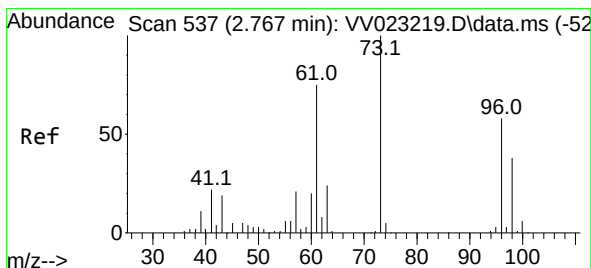
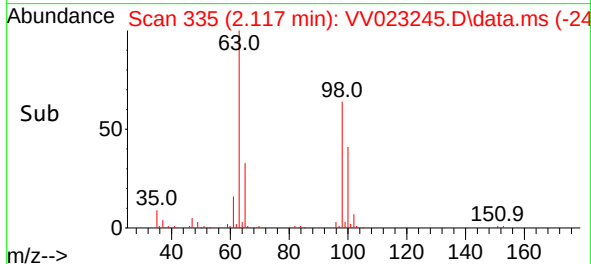
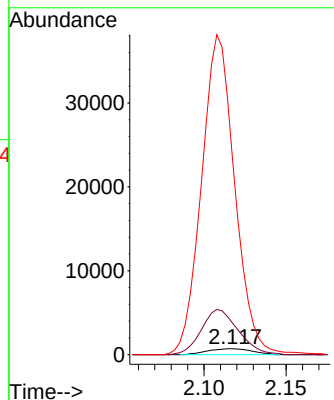


#12
1,1-Dichloroethene
Concen: 0.189 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Instrument :
MSVOA_V
ClientSampleId :

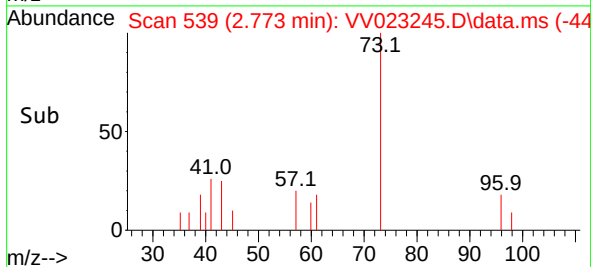
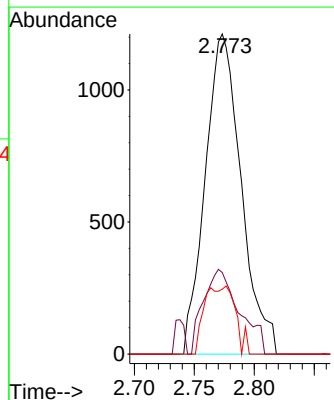
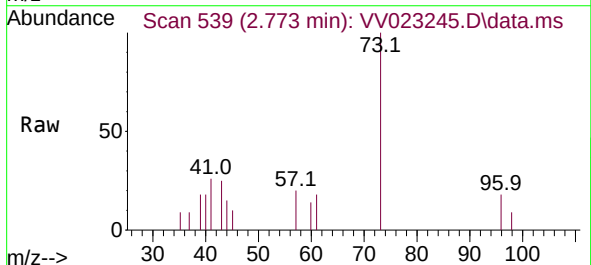


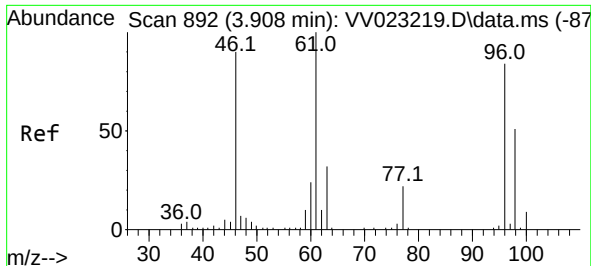
Tgt Ion: 96 Resp: 1333
Ion Ratio Lower Upper
96 100
61 522.8 117.7 218.7#
63 3225.7 80.5 149.5#



#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Tgt Ion: 73 Resp: 2524
Ion Ratio Lower Upper
73 100
43 26.7 14.2 21.4#
57 7.6 17.8 26.8#





#22

cis-1,2-Dichloroethene

Concen: 0.154 ug/L

RT: 3.918 min Scan# 892

Delta R.T. 0.010 min

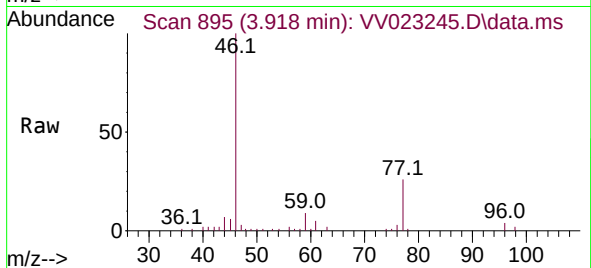
Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Instrument :

MSVOA_V

ClientSampleId :



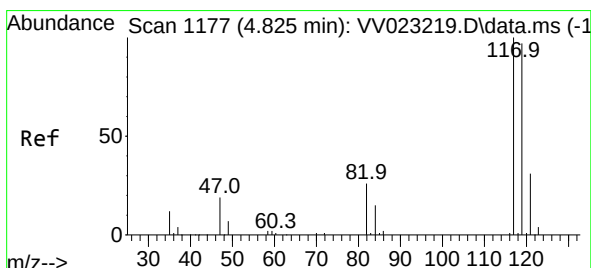
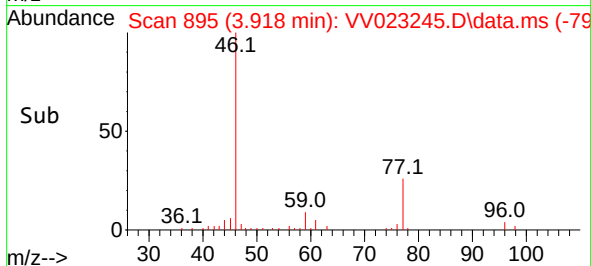
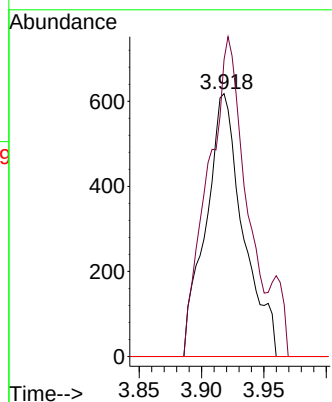
Tgt Ion: 96 Resp: 1284

Ion Ratio Lower Upper

96 100

61 112.9 86.7 160.9

68 0.0 0.0 0.0



#31

Carbon tetrachloride

Concen: 0.076 ug/L

RT: 4.834 min Scan# 1180

Delta R.T. 0.010 min

Lab File: VV023245.D

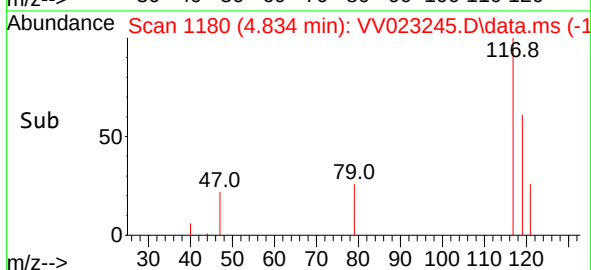
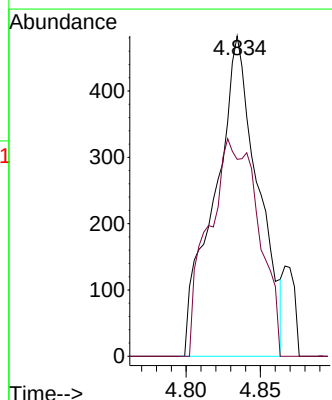
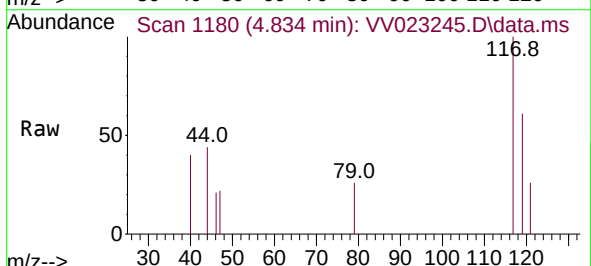
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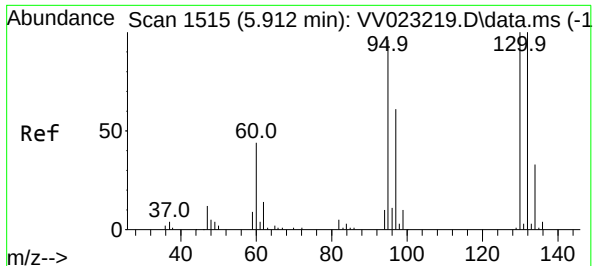
Tgt Ion: 117 Resp: 977

Ion Ratio Lower Upper

117 100

119 78.6 76.6 114.8

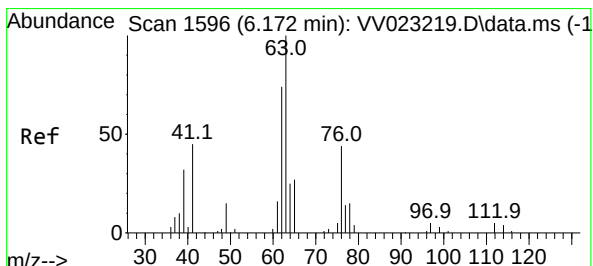
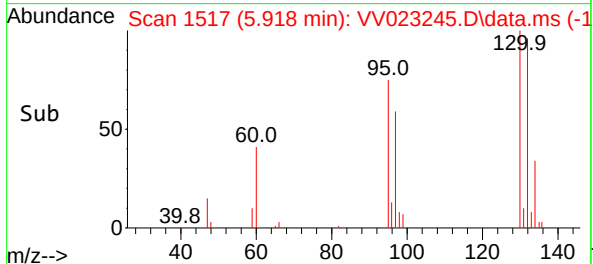
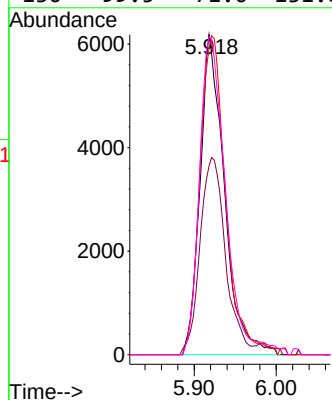
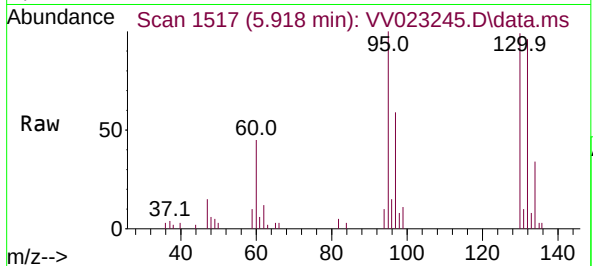




#34
Trichloroethene
Concen: 1.453 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

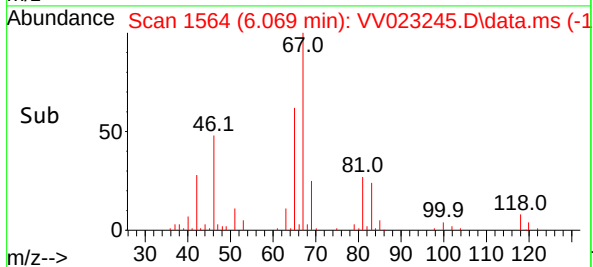
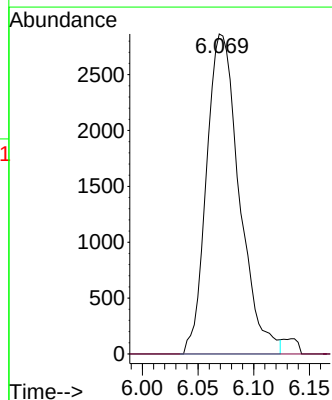
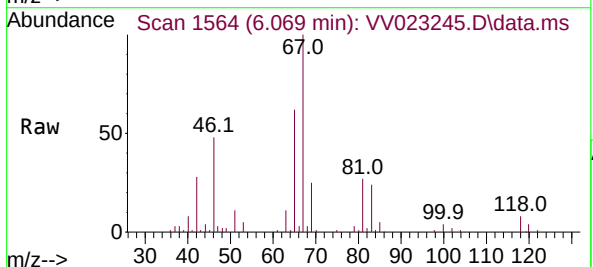
Instrument :
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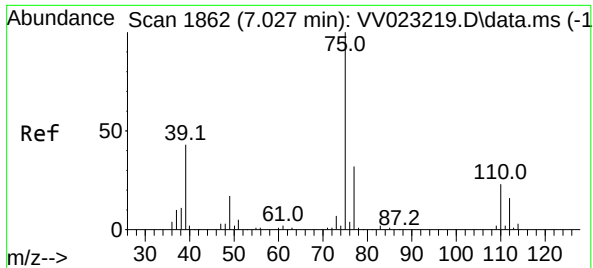
Tgt Ion: 95 Resp: 12738
Ion Ratio Lower Upper
95 100
97 58.9 43.3 80.5
132 95.7 70.0 130.0
130 99.5 71.0 131.8



#37
1,2-Dichloropropane
Concen: 0.764 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Tgt Ion: 63 Resp: 5878
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Instrument :

MSVOA_V

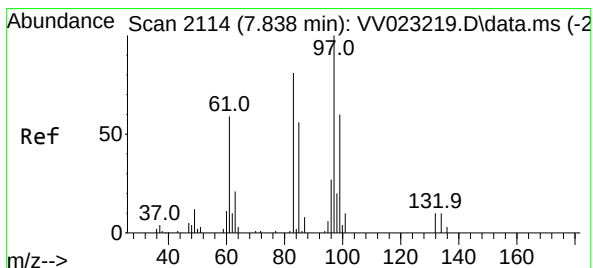
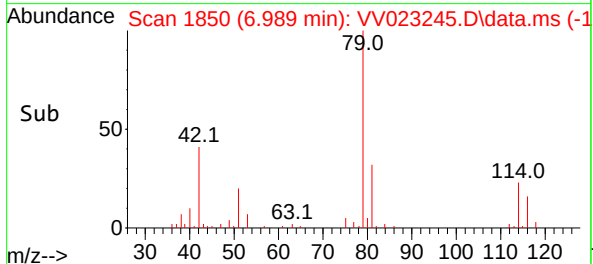
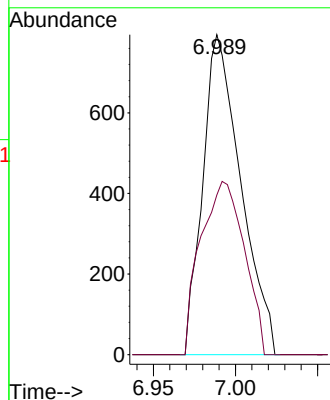
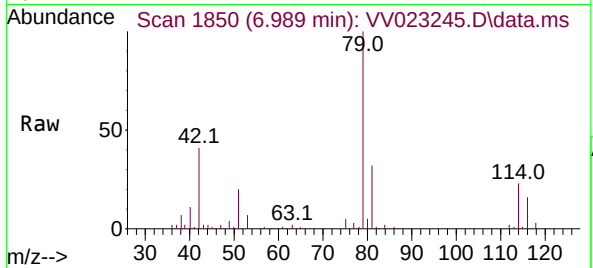
ClientSampleId :

Tgt Ion: 75 Resp: 1279

Ion Ratio Lower Upper

75 100

77 49.9 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.150 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.138 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Tgt Ion: 97 Resp: 828

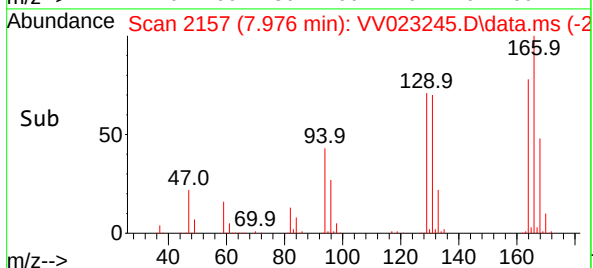
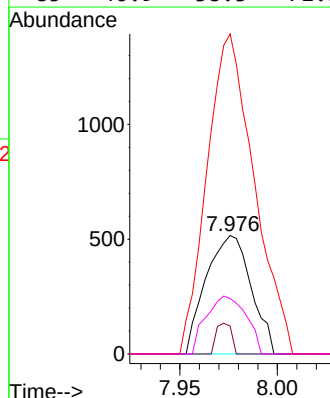
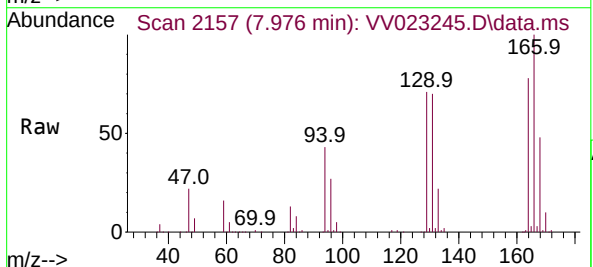
Ion Ratio Lower Upper

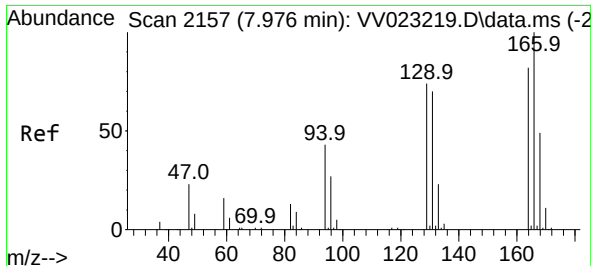
97 100

99 23.4 47.0 87.4#

83 270.2 62.6 116.3#

85 46.9 38.3 71.1





#47

Tetrachloroethene

Concen: 13.510 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

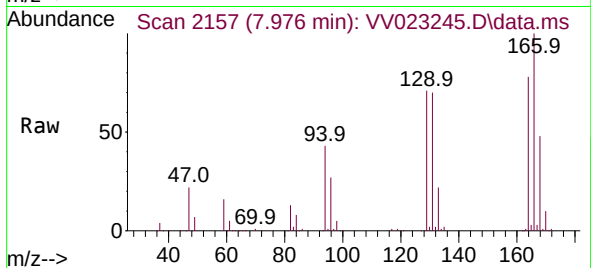
Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

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Tgt Ion:164 Resp: 102670

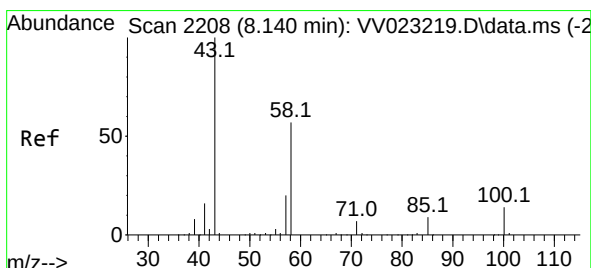
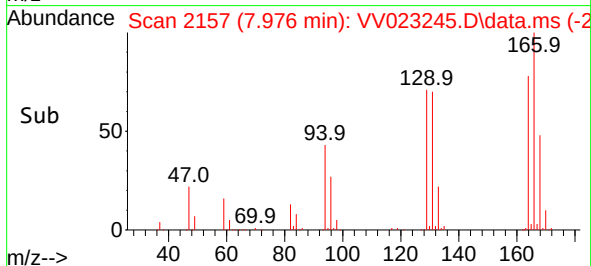
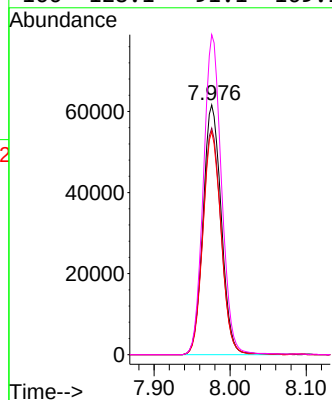
Ion Ratio Lower Upper

164 100

129 90.7 65.5 121.7

131 89.4 63.9 118.7

166 128.1 91.1 169.1



#48

2-Hexanone

Concen: 1.707 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Tgt Ion: 43 Resp: 4372

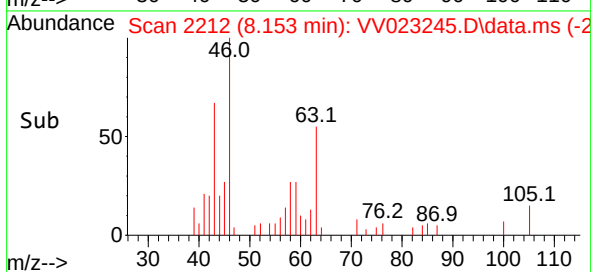
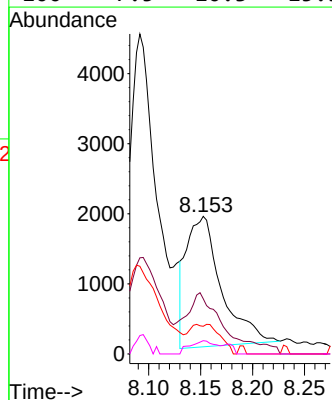
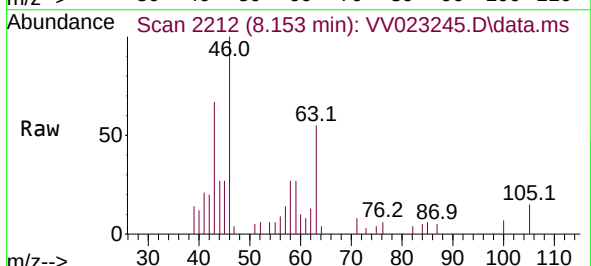
Ion Ratio Lower Upper

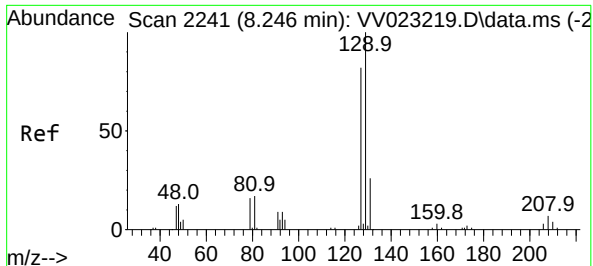
43 100

58 53.2 43.0 64.6

57 2.7 14.9 22.3#

100 7.5 10.3 15.5#





#49

Dibromochloromethane

Concen: 13.066 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Instrument :

MSVOA_V

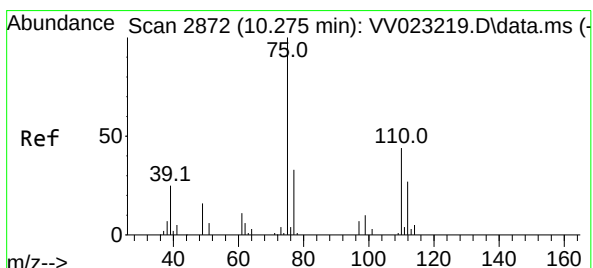
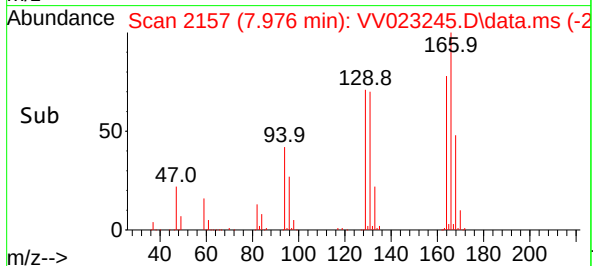
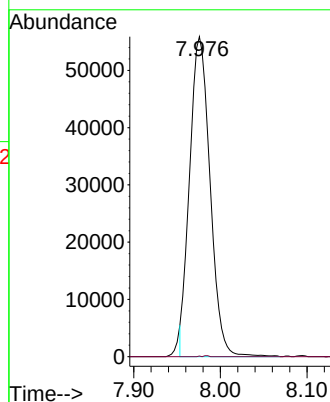
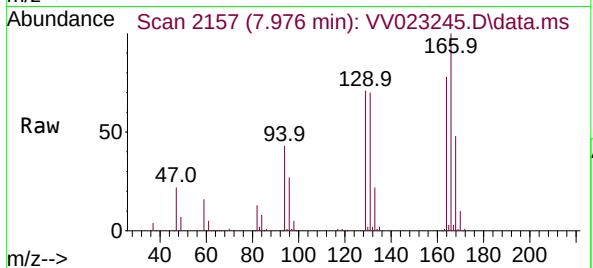
ClientSampleId :

Tgt Ion:129 Resp: 91576

Ion Ratio Lower Upper

129 100

127 0.2 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.725 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Tgt Ion: 75 Resp: 6154

Ion Ratio Lower Upper

75 100

77 33.8 26.6 39.8

110 1.4 33.0 49.4#

