

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025944.D
 Acq On : 20 May 2022 14:31
 Operator : SY/MD
 Sample : N2955-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

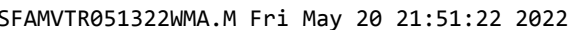
Quant Time: May 20 21:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

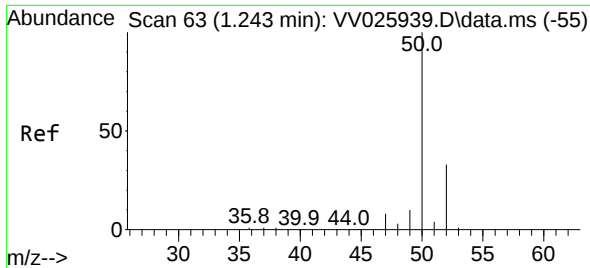
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	134725	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	60043	5.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.000%		
7) Chloroethane-d5	1.571	69	57994	6.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 121.800%		
11) 1,1-Dichloroethene-d2	2.114	63	154667	6.280	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 125.600%#		
20) 2-Butanone-d5	3.915	46	74340	57.691	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.380%		
24) Chloroform-d	4.352	84	122894	6.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 135.200%#		
26) 1,2-Dichloroethane-d4	5.037	65	53269	6.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 138.200%#		
32) Benzene-d6	5.053	84	230842	6.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 129.200%#		
36) 1,2-Dichloropropane-d6	6.072	67	73912	7.113	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 142.200%#		
41) Toluene-d8	7.317	98	185986	5.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
43) trans-1,3-Dichloroprop...	7.629	79	17617	5.184	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.600%		
46) 2-Hexanone-d5	8.092	63	74985	59.430	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.860%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46465	6.942	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 138.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	63346	7.350	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 147.000%#		
Target Compounds						
						Qvalue
3) Chloromethane	1.243	50	2820	0.166	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1221	0.091	ug/L #	25
12) 1,1-Dichloroethene	2.121	96	102531	7.919	ug/L	99
19) 1,1-Dichloroethane	3.195	63	79430	3.716	ug/L	98
22) cis-1,2-Dichloroethene	3.925	96	2285	0.198	ug/L	71
25) Chloroform	4.391	83	1459	0.067	ug/L	91
27) 1,2-Dichloroethane	5.162	62	608	0.053	ug/L #	73
29) 1,1,1-Trichloroethane	4.609	97	278705	14.849	ug/L	98
31) Carbon tetrachloride	4.613	117	36395	2.291	ug/L	98
34) Trichloroethene	5.915	95	45261	3.802	ug/L	99
35) Methylcyclohexane	6.072	83	17440	0.954	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	7851	0.714	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1400	0.099	ug/L #	1
49) Dibromochloromethane	7.976	129	286	0.035	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	7348	1.458	ug/L #	66

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

Quant Time: May 20 21:51:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
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QLast Update : Fri May 20 21:49:46 2022
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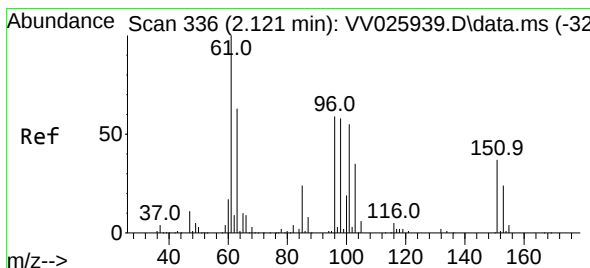
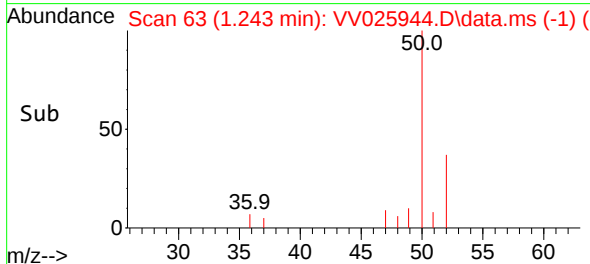
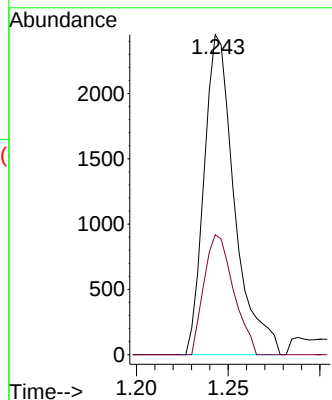
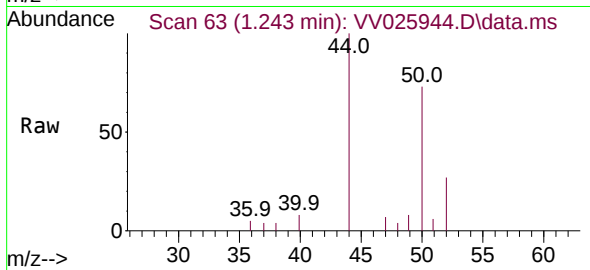




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

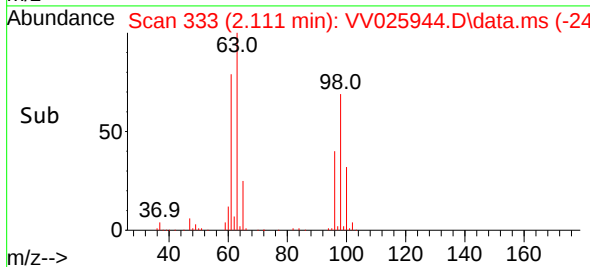
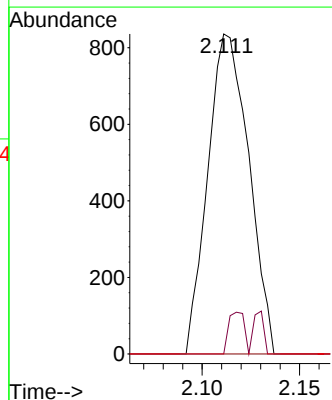
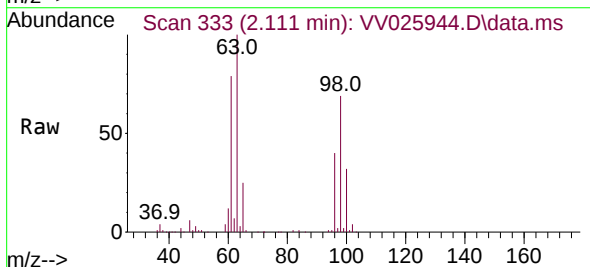
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

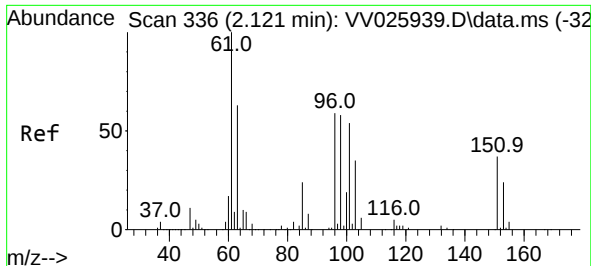
Tgt Ion: 50 Resp: 2820
Ion Ratio Lower Upper
50 100
52 37.5 23.9 44.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

Tgt Ion: 101 Resp: 1221
Ion Ratio Lower Upper
101 100
85 5.0 35.7 53.5#
151 0.0 54.1 81.1#

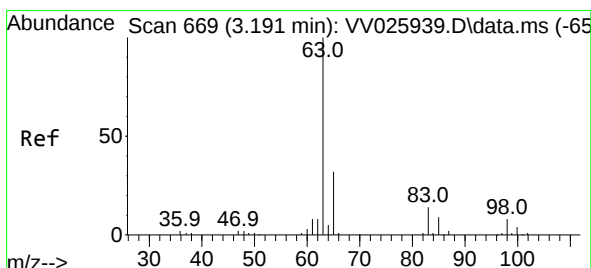
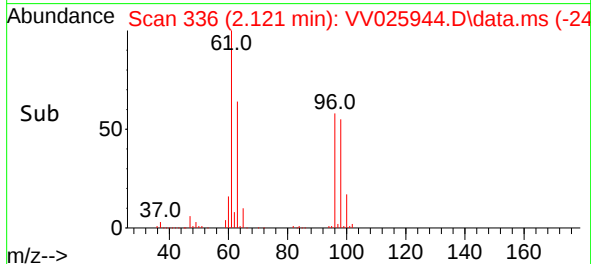
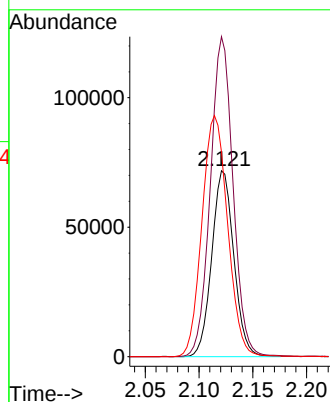
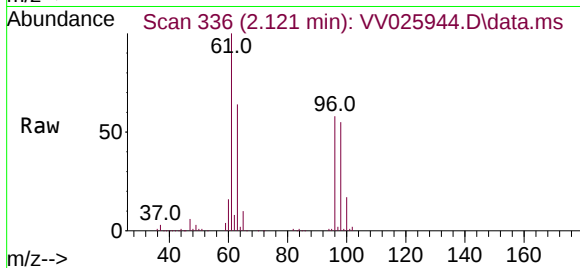




#12
1,1-Dichloroethene
Concen: 7.919 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

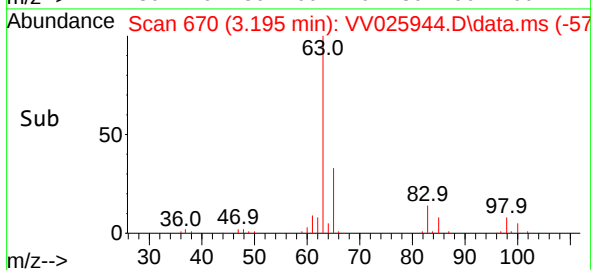
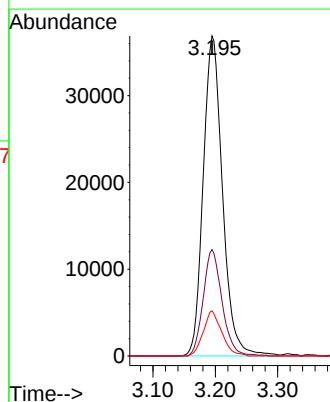
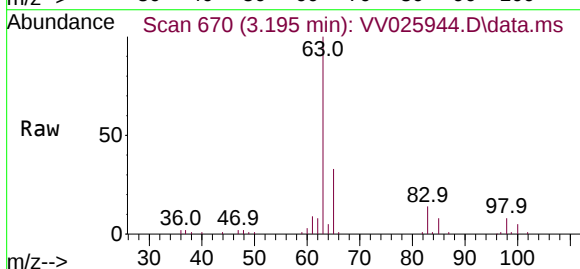
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

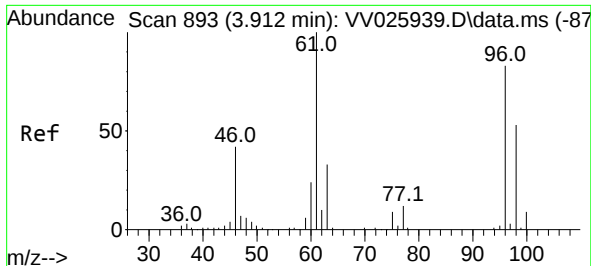
Tgt Ion: 96 Resp: 102531
Ion Ratio Lower Upper
96 100
61 172.1 119.8 222.6
63 110.1 78.3 145.3



#19
1,1-Dichloroethane
Concen: 3.716 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

Tgt Ion: 63 Resp: 79430
Ion Ratio Lower Upper
63 100
65 33.2 22.3 41.5
83 14.1 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 3.925 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

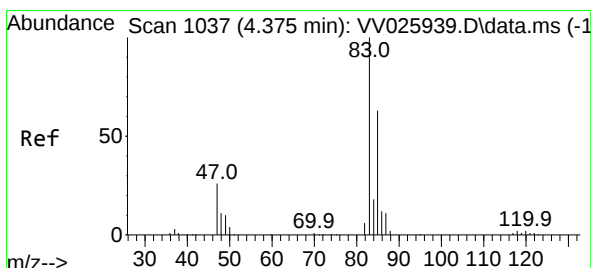
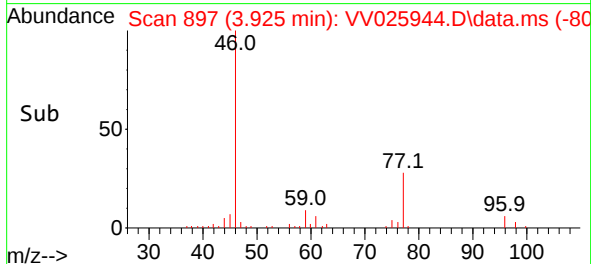
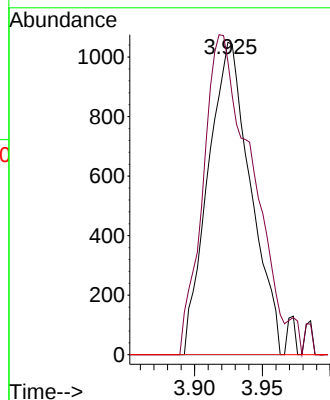
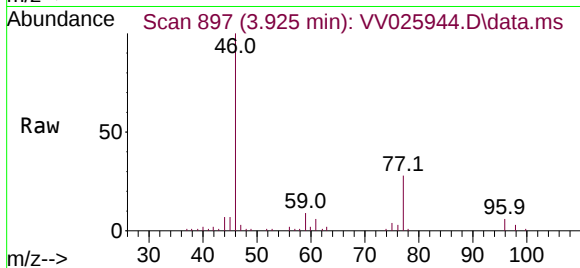
Tgt Ion: 96 Resp: 2285

Ion Ratio Lower Upper

96 100

61 94.0 88.9 165.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.067 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.016 min

Lab File: VV025944.D

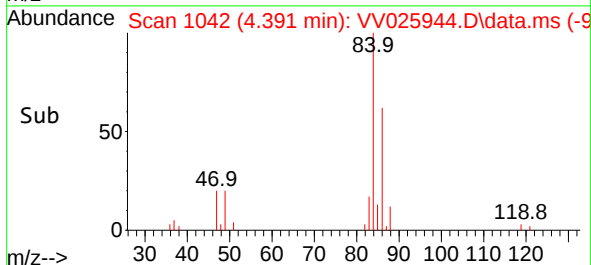
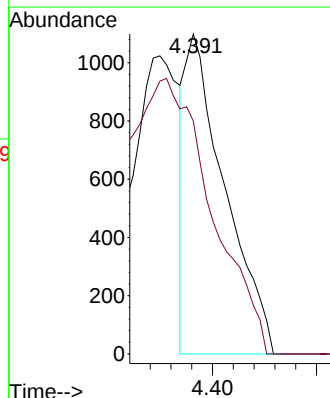
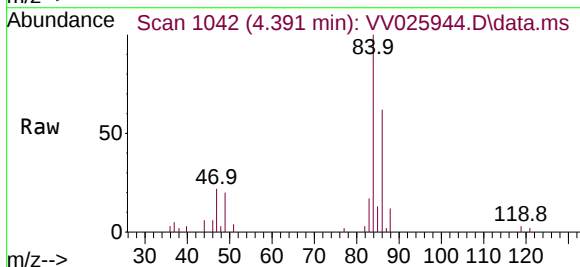
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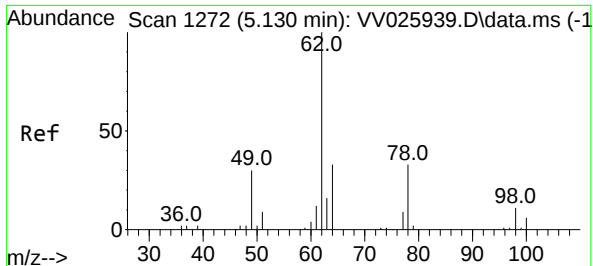
Tgt Ion: 83 Resp: 1459

Ion Ratio Lower Upper

83 100

85 72.8 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.053 ug/L

RT: 5.162 min Scan# 11

Delta R.T. 0.032 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

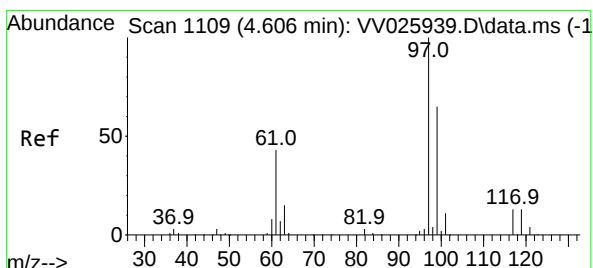
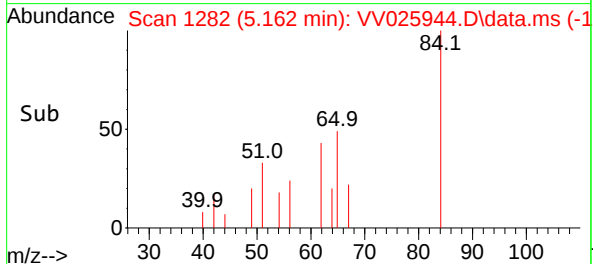
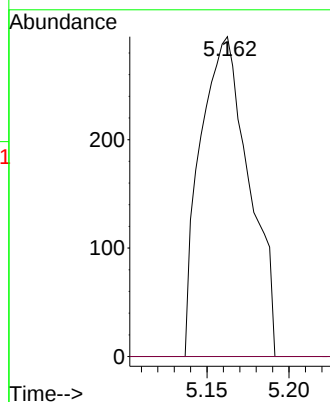
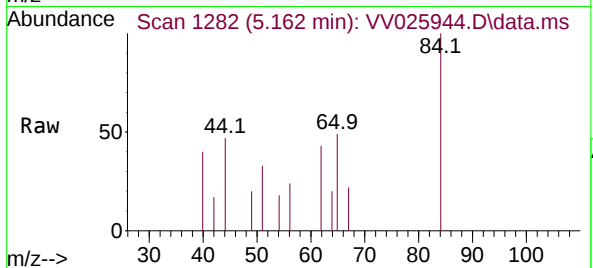
C0AA3

Tgt Ion: 62 Resp: 608

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#29

1,1,1-Trichloroethane

Concen: 14.849 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

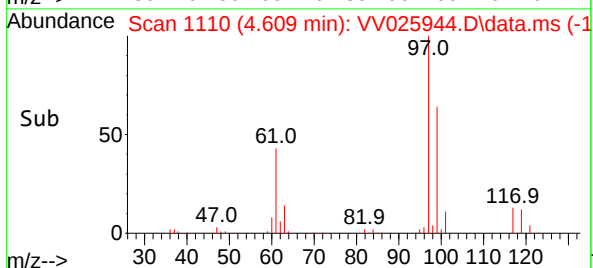
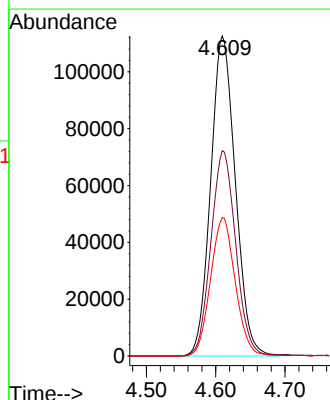
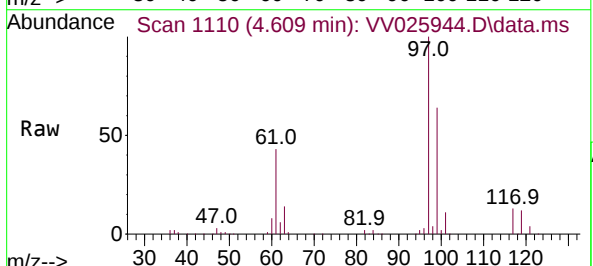
Tgt Ion: 97 Resp: 278705

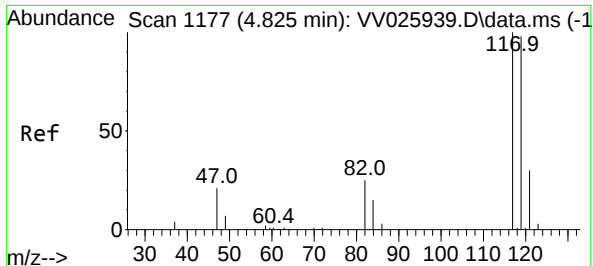
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 43.3 36.3 54.5

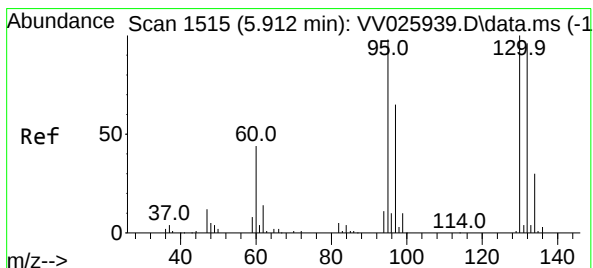
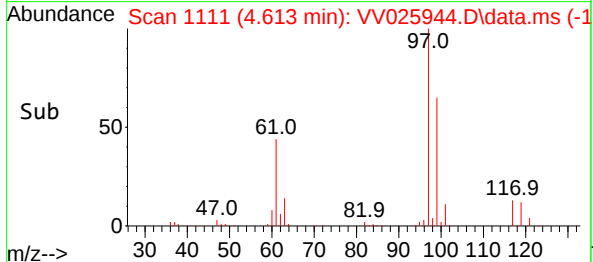
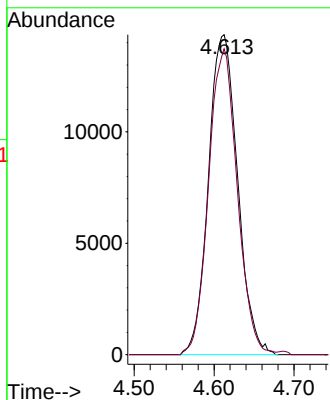
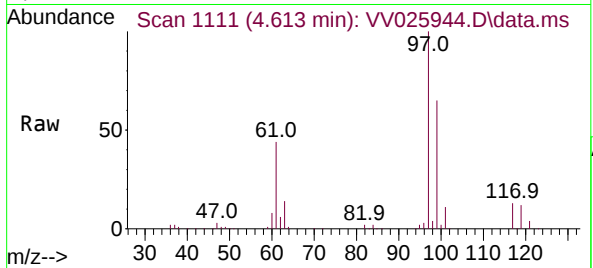




#31
Carbon tetrachloride
Concen: 2.291 ug/L
RT: 4.613 min Scan# 1177
Delta R.T. -0.212 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

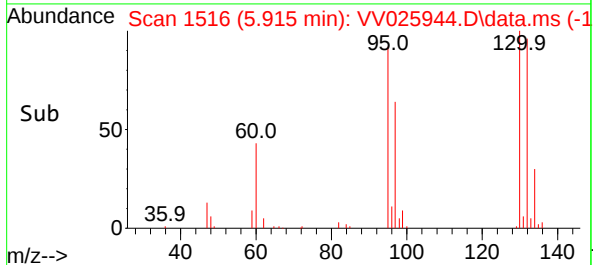
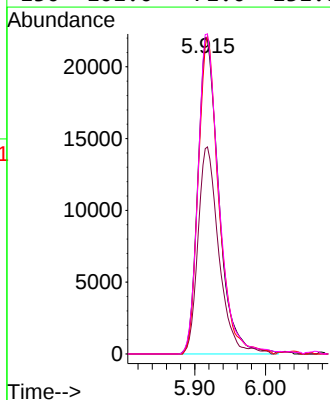
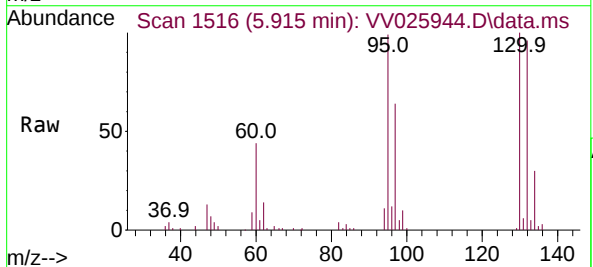
Instrument :
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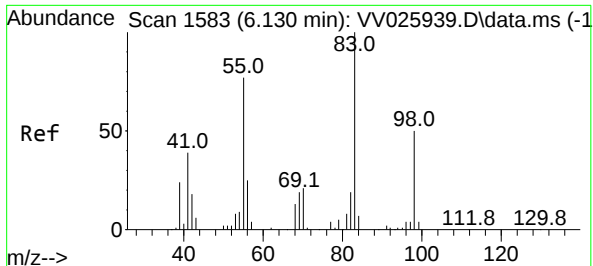
Tgt Ion:117 Resp: 36395
Ion Ratio Lower Upper
117 100
119 93.9 77.0 115.6



#34
Trichloroethene
Concen: 3.802 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

Tgt Ion: 95 Resp: 45261
Ion Ratio Lower Upper
95 100
97 64.9 44.9 83.3
132 97.2 67.6 125.6
130 101.0 71.0 131.8

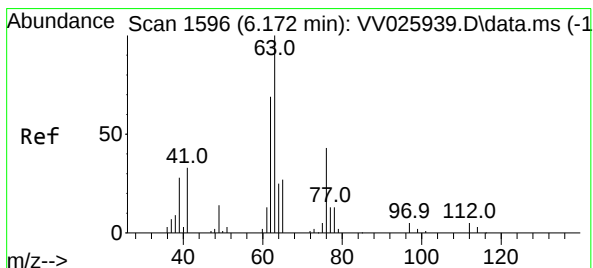
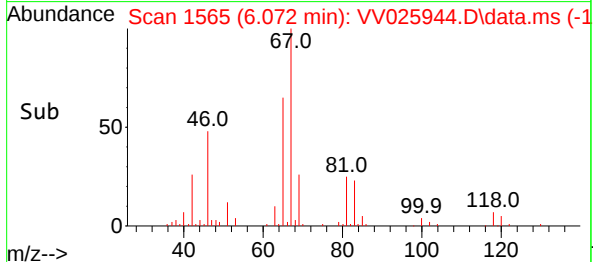
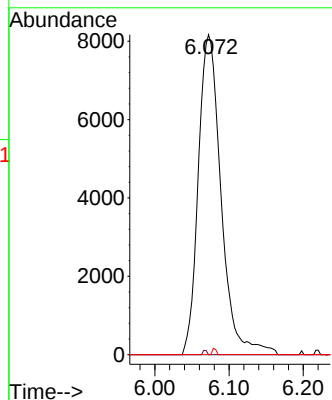
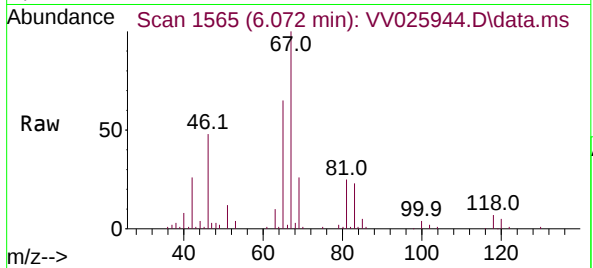




#35
Methylcyclohexane
Concen: 0.954 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

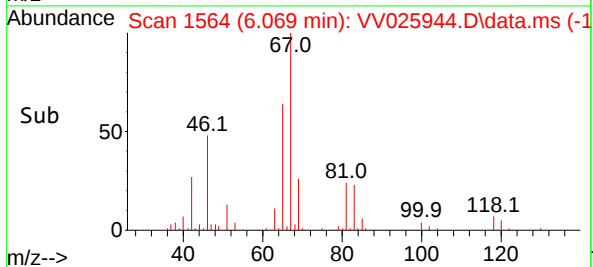
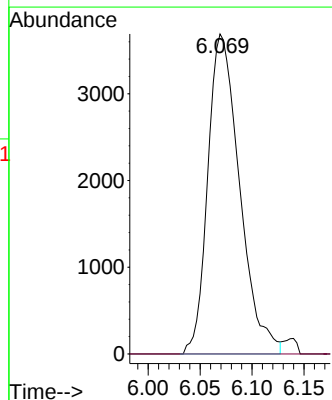
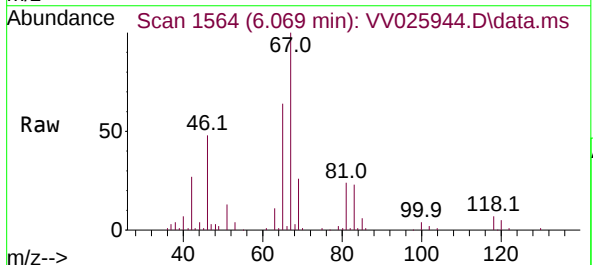
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ClientSampleId :
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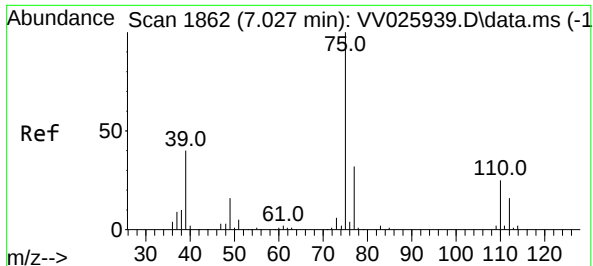
Tgt Ion: 83 Resp: 17440
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 0.0 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

Tgt Ion: 63 Resp: 7851
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

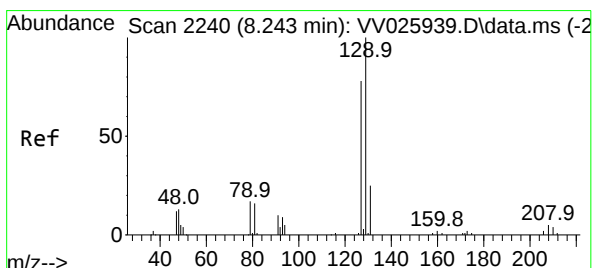
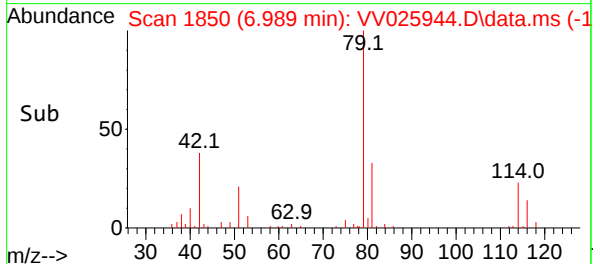
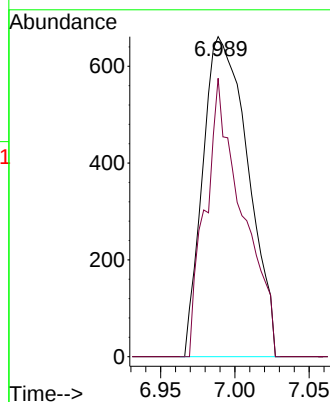
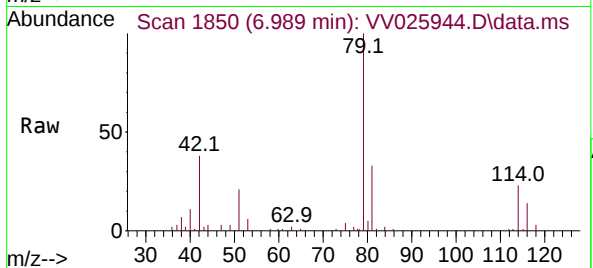
C0AA3

Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

77 87.0 22.1 41.1#



#49

Dibromochloromethane

Concen: 0.035 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025944.D

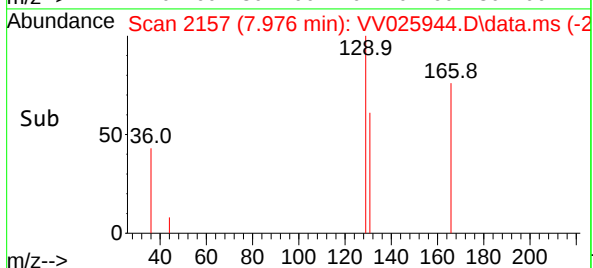
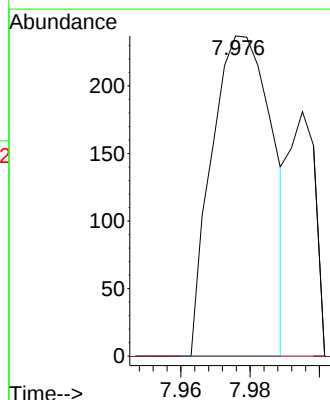
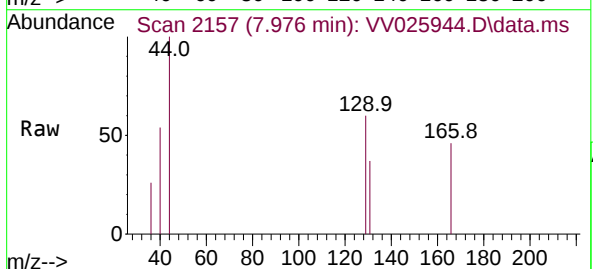
Acq: 20 May 2022 14:31

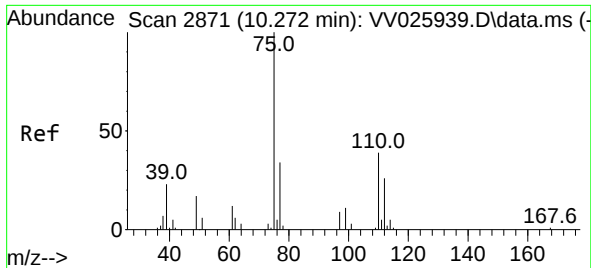
Tgt Ion: 129 Resp: 286

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.458 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025944.D
 Acq: 20 May 2022 14:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Tgt Ion: 75 Resp: 7348
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2
 110 2.8 32.4 48.6#

