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 Data File : VW025130.D
 Acq On : 23 Mar 2022 14:23
 Operator : SY/MD
 Sample : N2044-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

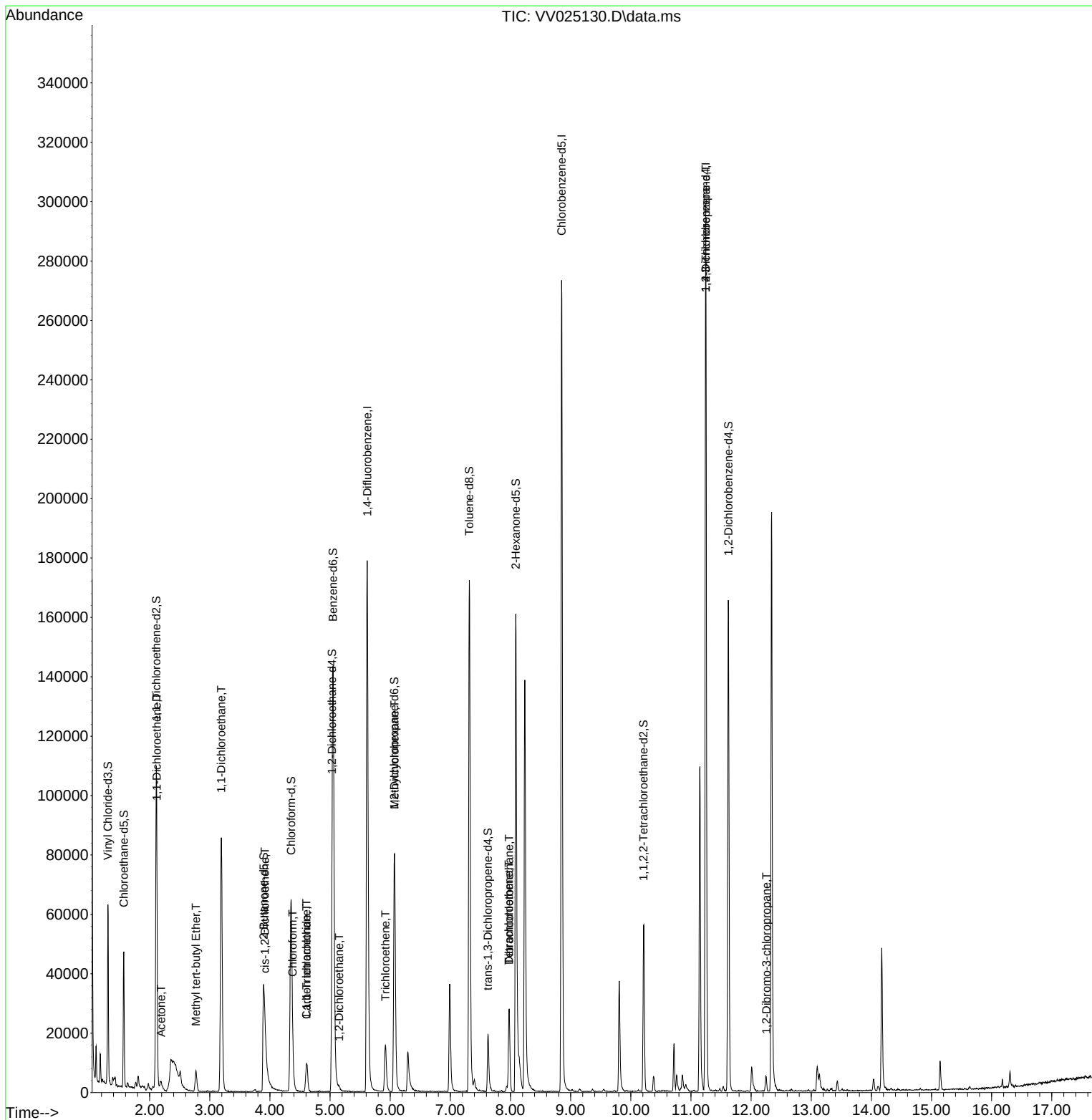
Instrument :
 MSVOA_V
 ClientSampleId :

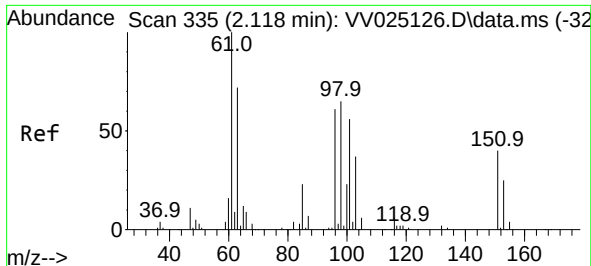
Quant Time: Mar 24 01:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166069	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34316	2.617	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	52.400%	
7) Chloroethane-d5	1.571	69	29586	3.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	61.600%#	
11) 1,1-Dichloroethene-d2	2.111	63	51165	2.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.200%#	
20) 2-Butanone-d5	3.896	46	72820	45.958	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.920%	
24) Chloroform-d	4.352	84	70910	3.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	65.200%#	
26) 1,2-Dichloroethane-d4	5.034	65	31399	3.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.000%#	
32) Benzene-d6	5.050	84	141572	3.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	62.800%#	
36) 1,2-Dichloropropane-d6	6.069	67	43710	3.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	67.400%	
41) Toluene-d8	7.317	98	121755	2.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	13337	2.949	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.000%	
46) 2-Hexanone-d5	8.088	63	60351	39.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.240%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28452	3.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	42999	3.372	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	67.400%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	10840	1.025	ug/L #	24
13) Acetone	2.192	43	5574	5.260	ug/L	70
17) Methyl tert-butyl Ether	2.770	73	7663	0.333	ug/L	98
19) 1,1-Dichloroethane	3.191	63	87290	4.028	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	325	0.025	ug/L #	58
25) Chloroform	4.378	83	4108	0.182	ug/L	85
27) 1,2-Dichloroethane	5.150	62	1596	0.142	ug/L #	71
29) 1,1,1-Trichloroethane	4.609	97	8319	0.419	ug/L	96
31) Carbon tetrachloride	4.609	117	1006	0.059	ug/L #	42
34) Trichloroethene	5.921	95	4963	0.368	ug/L	91
35) Methylcyclohexane	6.072	83	10730	0.503	ug/L #	24
47) Tetrachloroethene	7.976	164	6707	0.708	ug/L	93
49) Dibromochloromethane	7.979	129	6581	0.757	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	9486	1.498	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.255	75	133	0.122	ug/L #	1

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

Quant Time: Mar 24 01:16:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.025 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

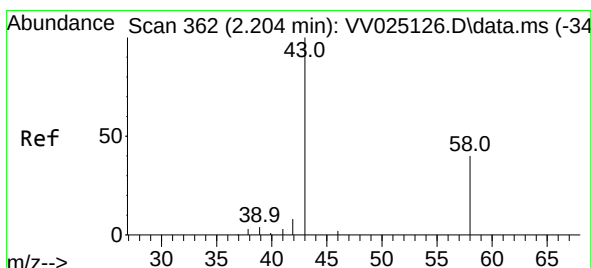
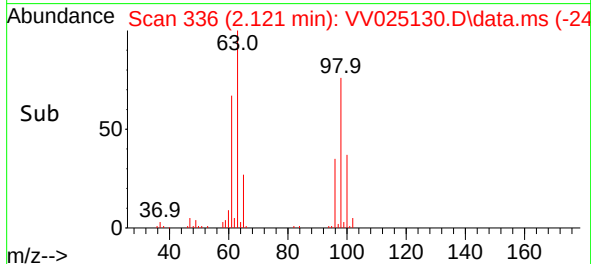
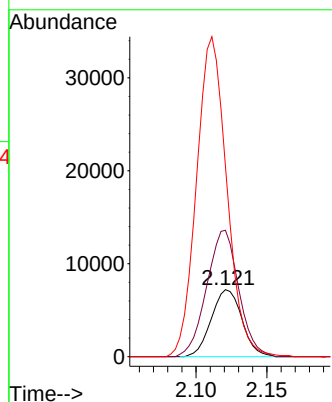
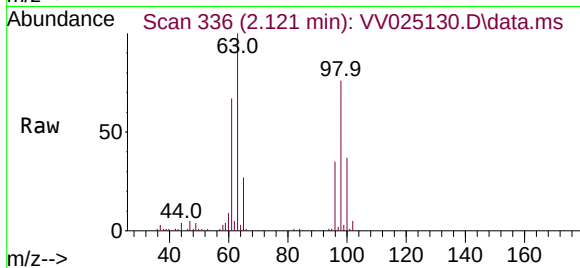
Tgt Ion: 96 Resp: 10840

Ion Ratio Lower Upper

96 100

61 188.5 113.0 209.9

63 283.4 82.1 152.5#



#13

Acetone

Concen: 5.260 ug/L

RT: 2.192 min Scan# 358

Delta R.T. -0.013 min

Lab File: VV025130.D

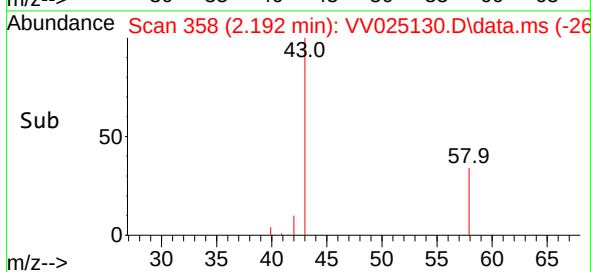
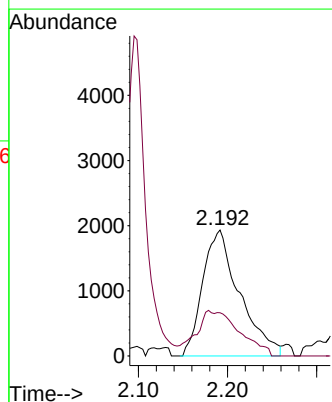
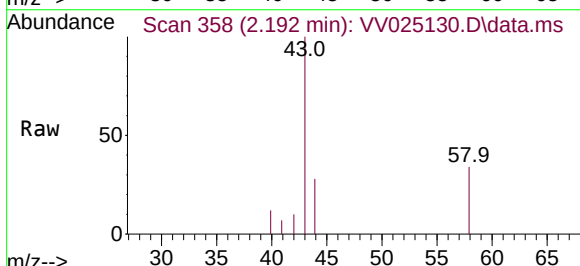
Acq: 23 Mar 2022 14:23

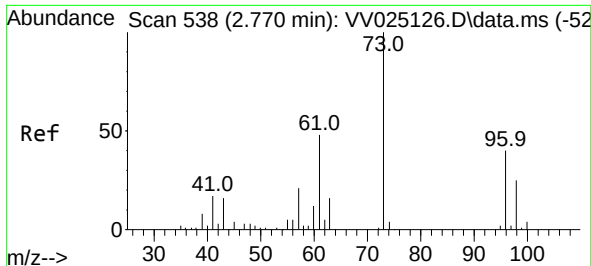
Tgt Ion: 43 Resp: 5574

Ion Ratio Lower Upper

43 100

58 11.8 0.0 54.2

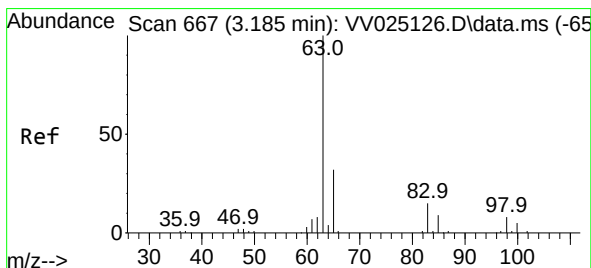
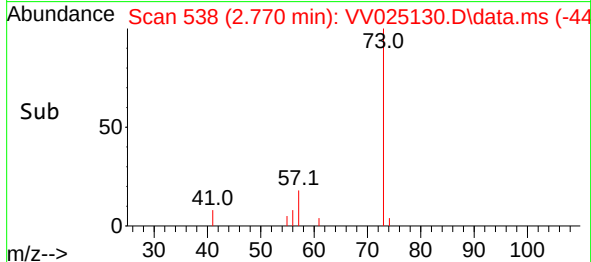
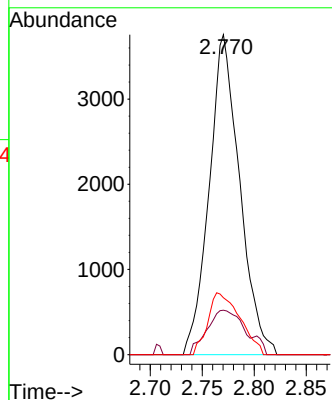
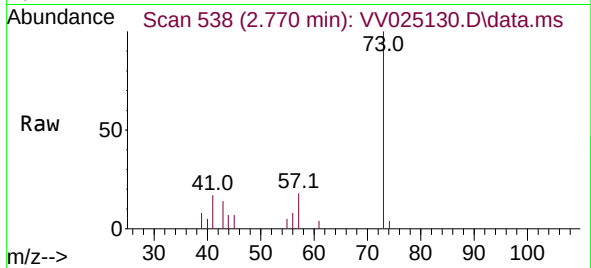




#17
Methyl tert-butyl Ether
Concen: 0.333 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

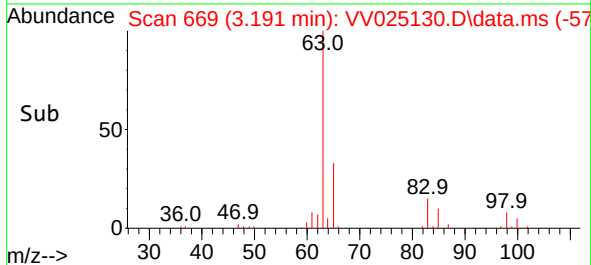
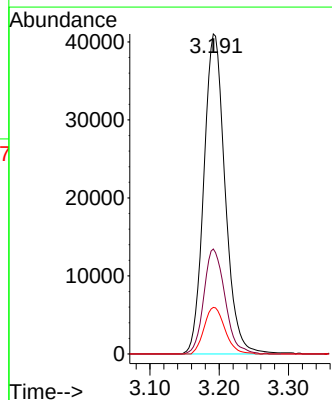
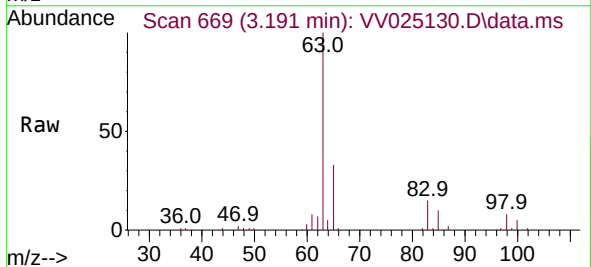
Instrument :
MSVOA_V
ClientSampleId :

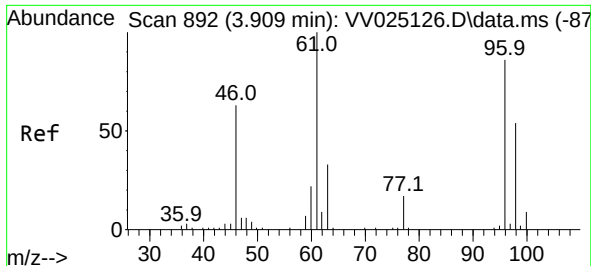
Tgt Ion: 73 Resp: 7663
Ion Ratio Lower Upper
73 100
43 17.7 13.2 19.8
57 20.4 16.7 25.1



#19
1,1-Dichloroethane
Concen: 4.028 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

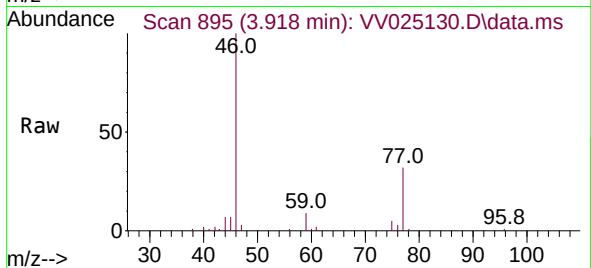
Tgt Ion: 63 Resp: 87290
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 14.5 9.4 17.4



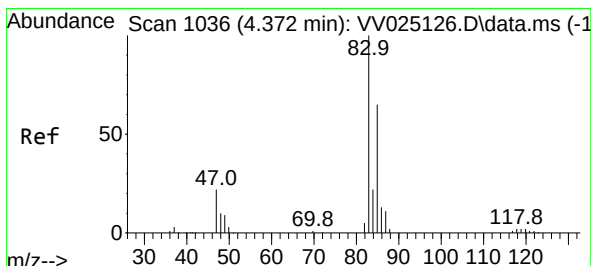
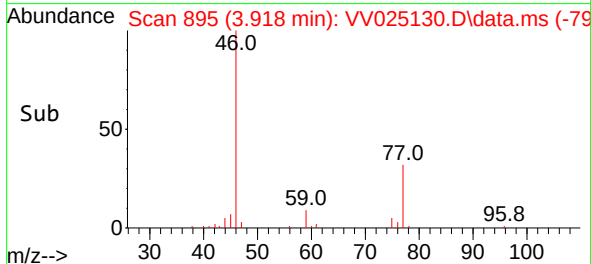
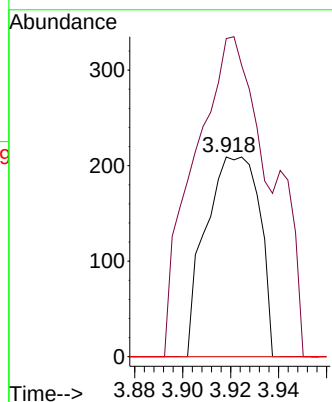


#22
 cis-1,2-Dichloroethene
 Concen: 0.025 ug/L
 RT: 3.918 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV025130.D
 Acq: 23 Mar 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :

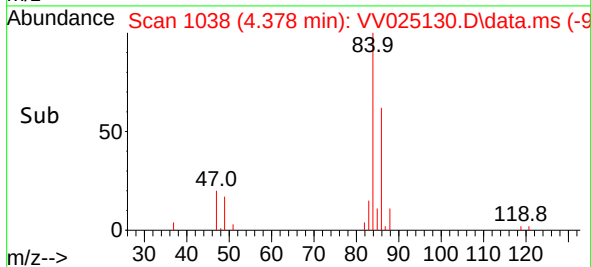
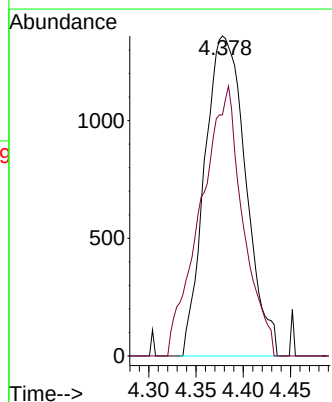
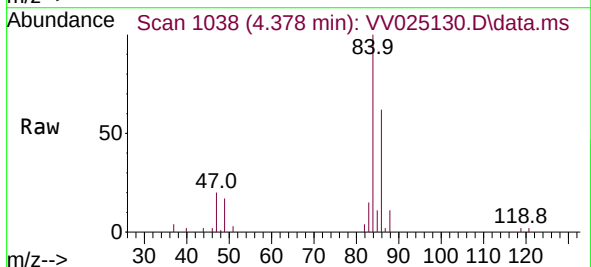


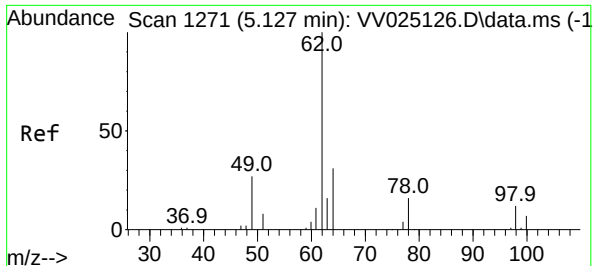
Tgt Ion: 96 Resp: 325
 Ion Ratio Lower Upper
 96 100
 61 159.3 79.7 147.9#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.182 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV025130.D
 Acq: 23 Mar 2022 14:23

Tgt Ion: 83 Resp: 4108
 Ion Ratio Lower Upper
 83 100
 85 75.3 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.142 ug/L

RT: 5.150 min Scan# 1110

Delta R.T. 0.022 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_V

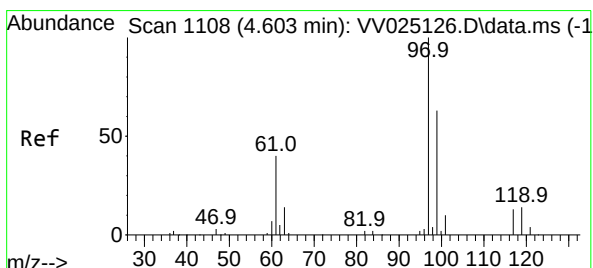
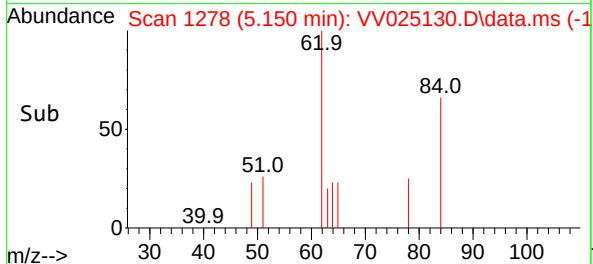
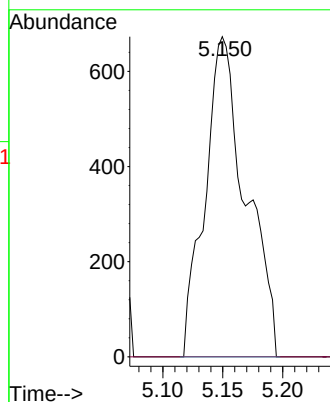
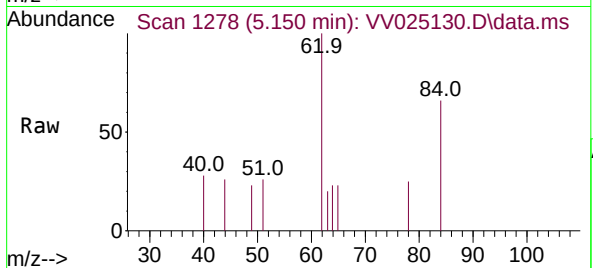
ClientSampleId :

Tgt Ion: 62 Resp: 1596

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#29

1,1,1-Trichloroethane

Concen: 0.419 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

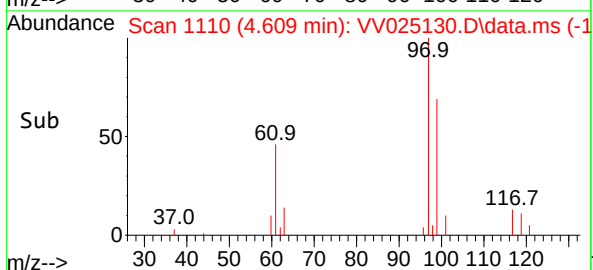
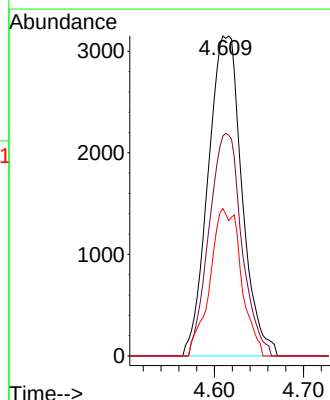
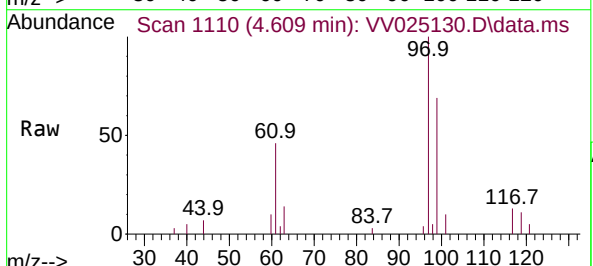
Tgt Ion: 97 Resp: 8319

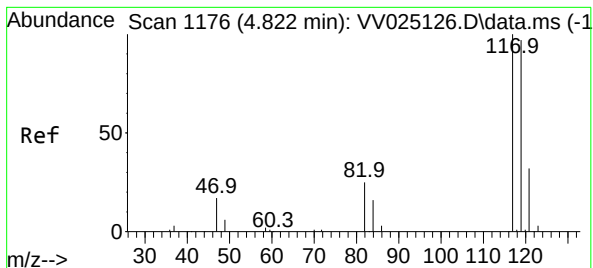
Ion Ratio Lower Upper

97 100

99 66.9 50.7 76.1

61 42.5 32.4 48.6





#31

Carbon tetrachloride

Concen: 0.059 ug/L

RT: 4.609 min Scan# 1176

Delta R.T. -0.212 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_V

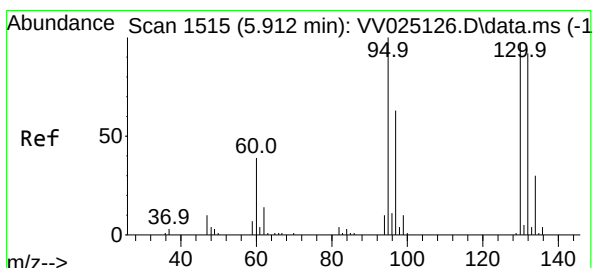
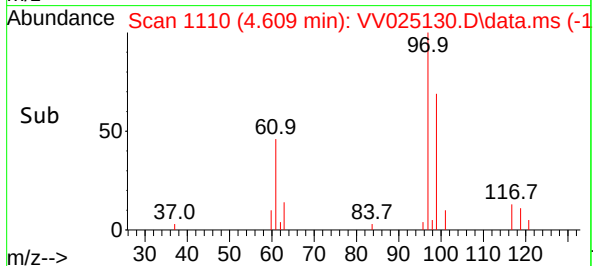
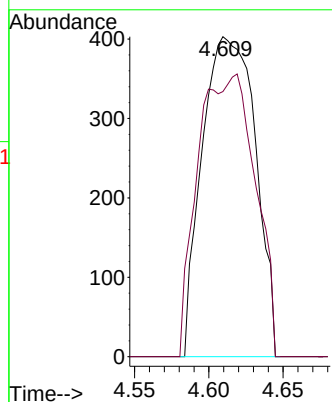
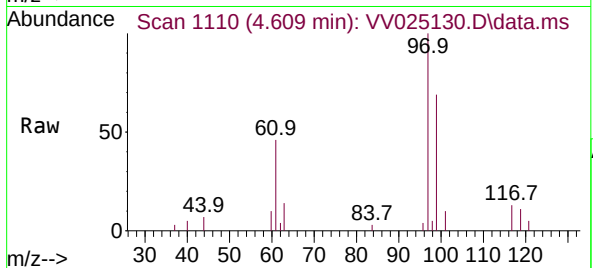
ClientSampleId :

Tgt Ion:117 Resp: 1006

Ion Ratio Lower Upper

117 100

119 39.1 76.8 115.2#



#34

Trichloroethene

Concen: 0.368 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Tgt Ion: 95 Resp: 4963

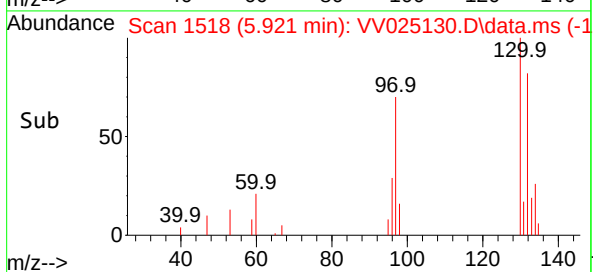
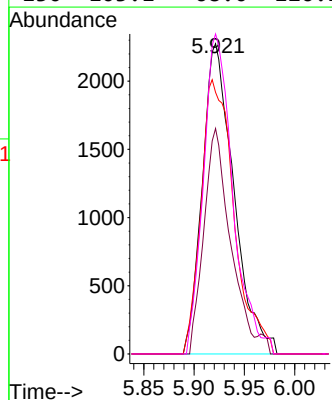
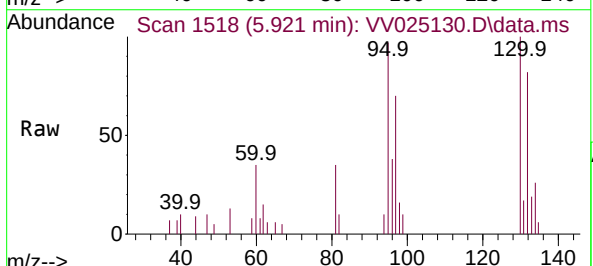
Ion Ratio Lower Upper

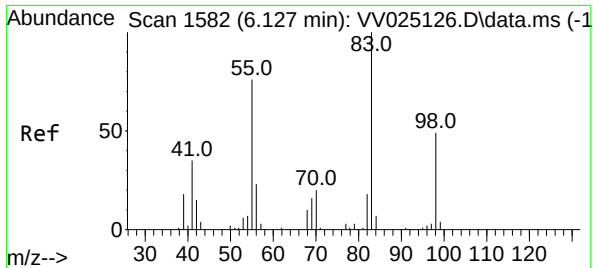
95 100

97 72.7 44.5 82.7

132 84.3 66.5 123.5

130 103.1 68.0 126.2

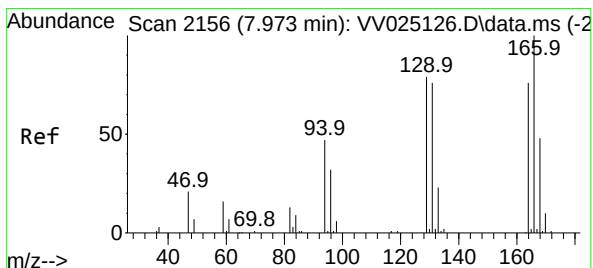
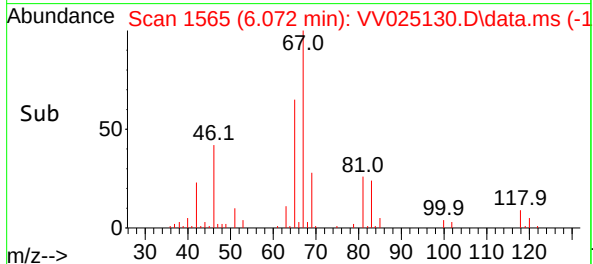
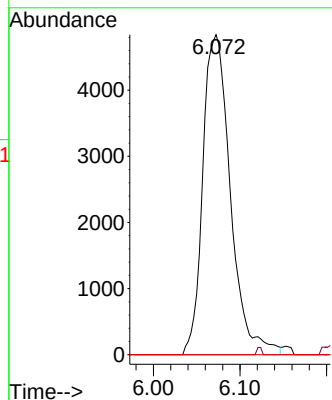
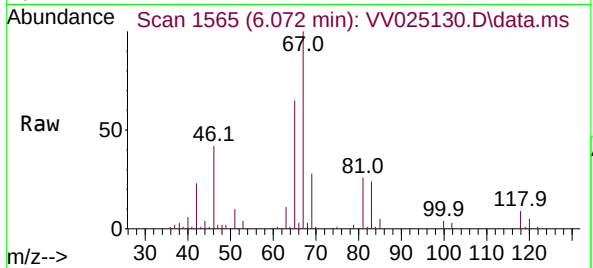




#35
Methylcyclohexane
Concen: 0.503 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

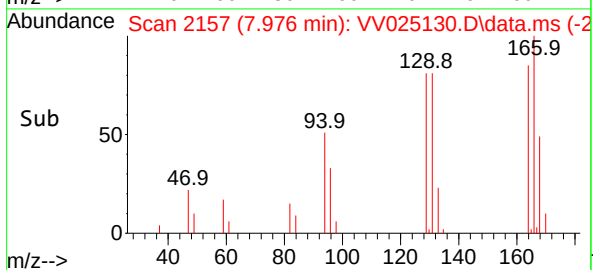
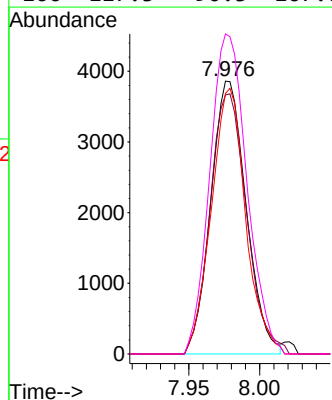
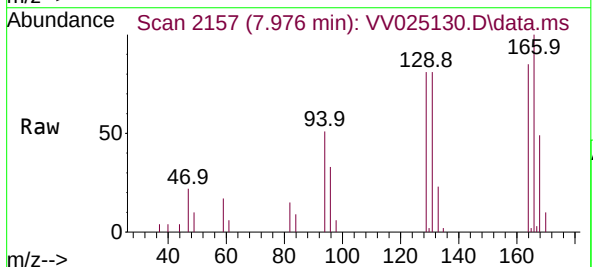
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MSVOA_V
ClientSampleId :

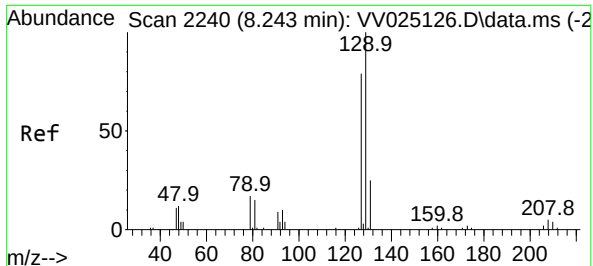
Tgt Ion: 83 Resp: 10730
Ion Ratio Lower Upper
83 100
55 4.0 55.4 83.0#
98 0.0 38.4 57.6#



#47
Tetrachloroethene
Concen: 0.708 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

Tgt Ion: 164 Resp: 6707
Ion Ratio Lower Upper
164 100
129 94.9 70.3 130.7
131 95.4 69.4 129.0
166 117.3 90.3 167.7





#49

Dibromochloromethane

Concen: 0.757 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_V

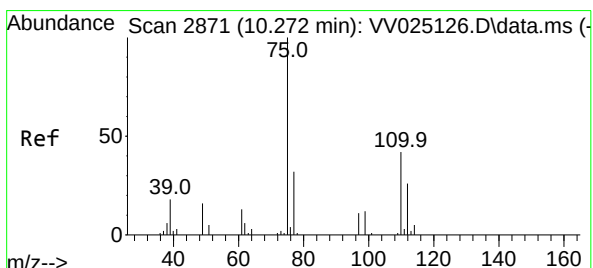
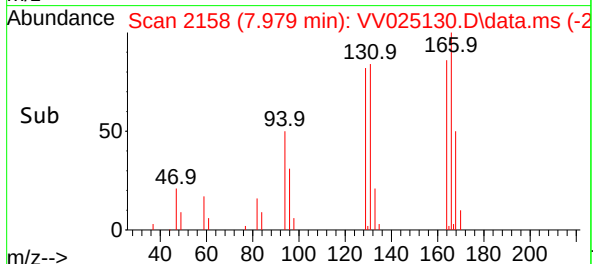
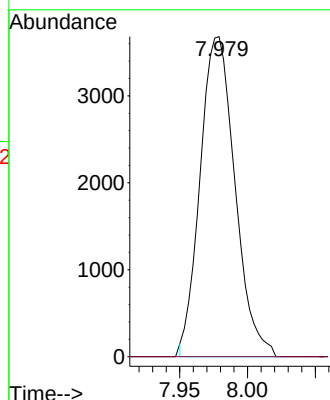
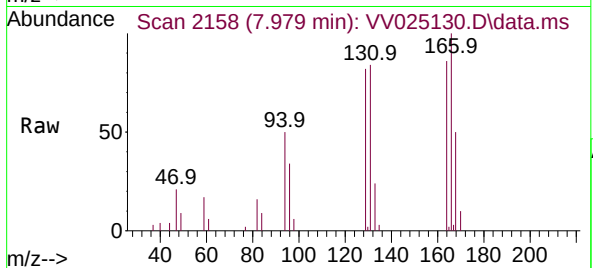
ClientSampleId :

Tgt Ion:129 Resp: 6581

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 1.498 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

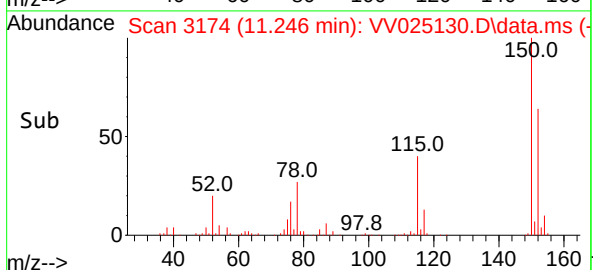
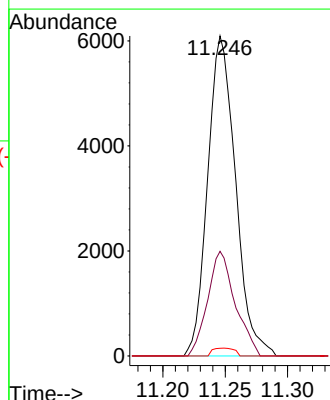
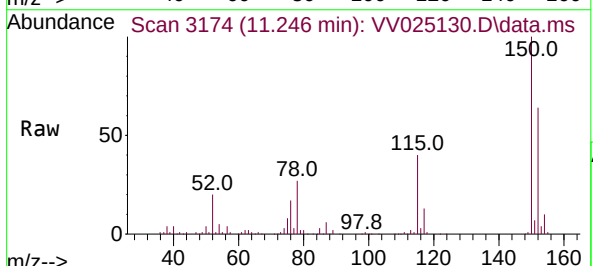
Tgt Ion: 75 Resp: 9486

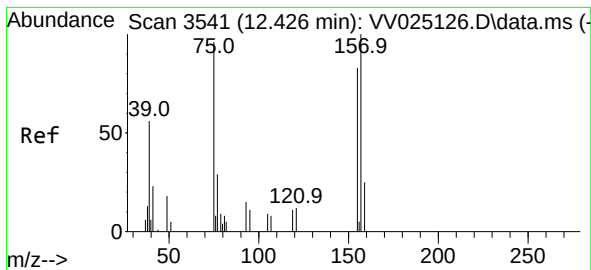
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

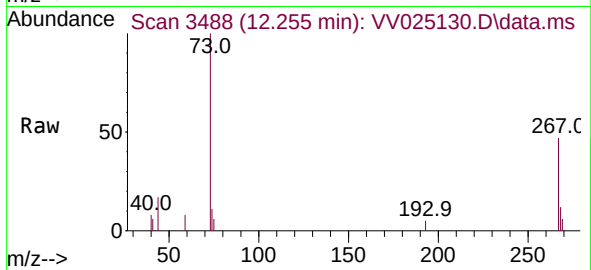
110 1.9 31.2 46.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.122 ug/L
 RT: 12.255 min Scan# 34
 Delta R.T. -0.170 min
 Lab File: VV025130.D
 Acq: 23 Mar 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 133
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

