

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023600.D
 Acq On : 18 Nov 2021 13:36
 Operator : SY/MD
 Sample : M4627-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:13:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41831	5.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.600%
7) Chloroethane-d5	1.568	69	31596	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.108	63	56313	4.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.899	46	44838	35.369	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.740%
24) Chloroform-d	4.349	84	71587	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	34969	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.050	84	142394	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	41086	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	123384	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.625	79	14760	4.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.092	63	51769	42.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27547	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	44020	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4890	0.503	ug/L #	80
12) 1,1-Dichloroethene	2.111	96	731	0.104	ug/L #	1
16) Methylene chloride	2.510	84	8851	0.866	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	20876	1.354	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	2405	0.279	ug/L	88
19) 1,1-Dichloroethane	3.195	63	1478	0.102	ug/L #	83
22) cis-1,2-Dichloroethene	3.915	96	51711	6.240	ug/L #	85
27) 1,2-Dichloroethane	5.056	62	743	0.090	ug/L #	72
34) Trichloroethene	5.915	95	78468	9.073	ug/L	96
35) Methylcyclohexane	6.072	83	10502	0.769	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4983	0.656	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1266	0.116	ug/L #	57
47) Tetrachloroethene	7.979	164	2312	0.308	ug/L #	83
48) 2-Hexanone	8.092	43	8654	3.507	ug/L #	63
49) Dibromochloromethane	7.976	129	2209	0.320	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6145	1.750	ug/L #	65
70) 1,2,4-trichlorobenzene	13.268	180	1017	0.105	ug/L #	91

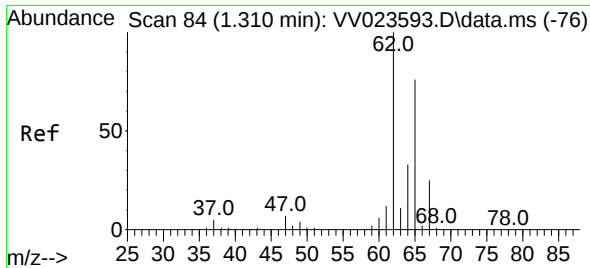
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023600.D
Acq On : 18 Nov 2021 13:36
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 02:11:08 2021
Response via : Initial Calibration

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

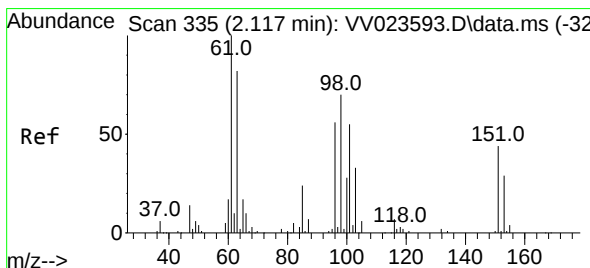
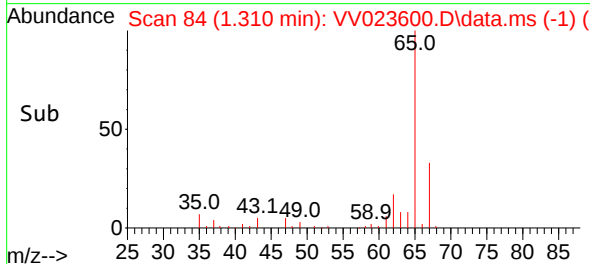
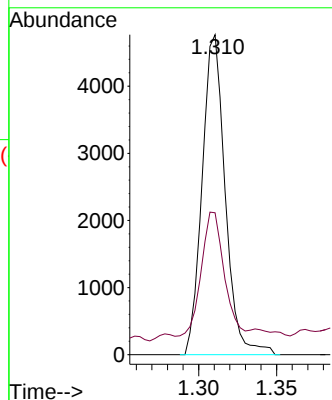
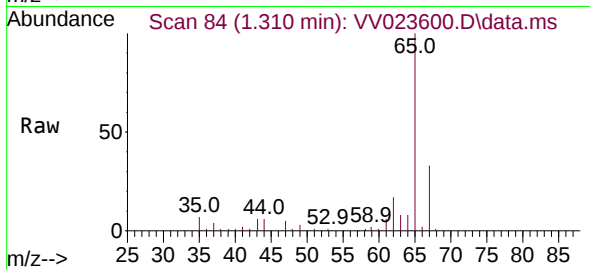
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#5
 Vinyl chloride
 Concen: 0.503 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

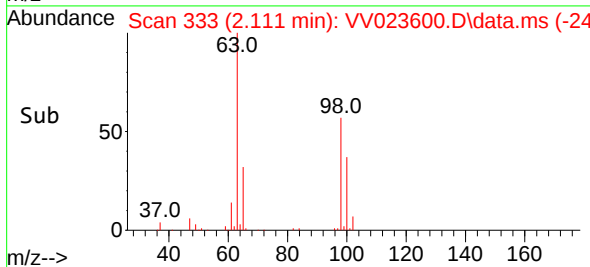
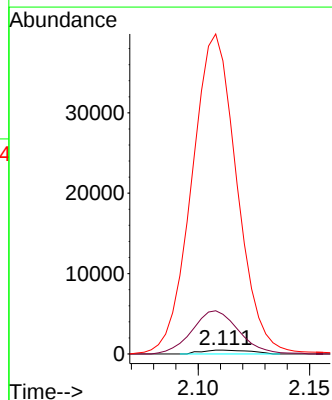
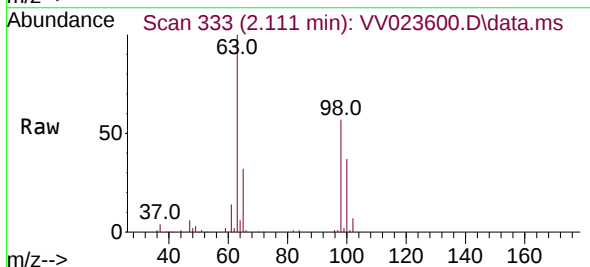
Instrument :
 MSVOA_V
 ClientSampleId :

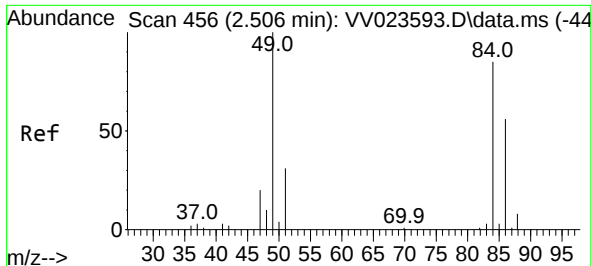
Tgt Ion: 62 Resp: 4890
 Ion Ratio Lower Upper
 62 100
 64 44.3 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

Tgt Ion: 96 Resp: 731
 Ion Ratio Lower Upper
 96 100
 61 1028.5 121.5 225.7#
 63 7600.0 99.6 185.0#

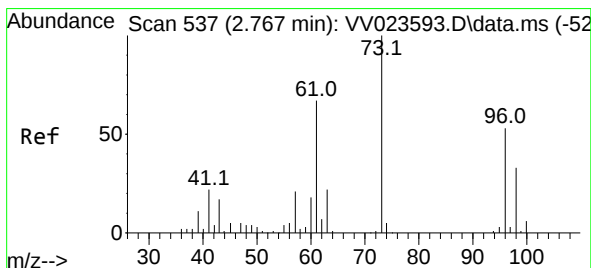
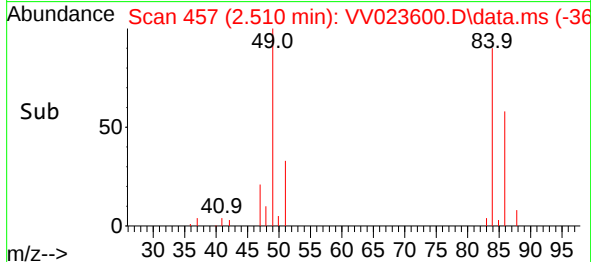
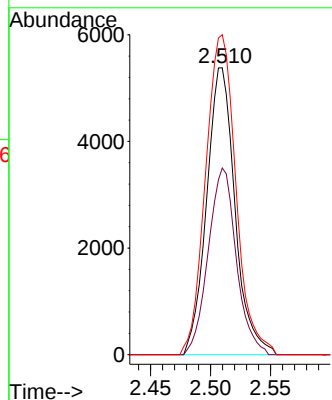
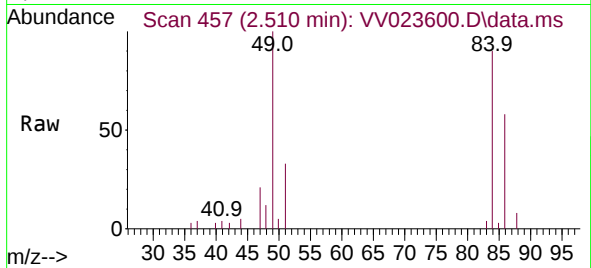




#16
Methylene chloride
Concen: 0.866 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

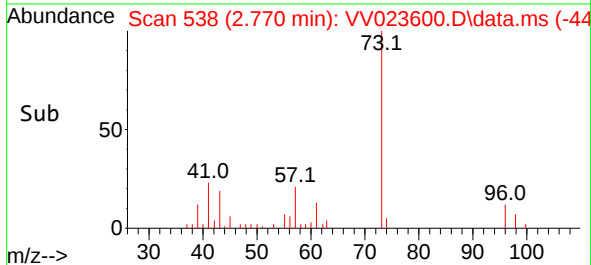
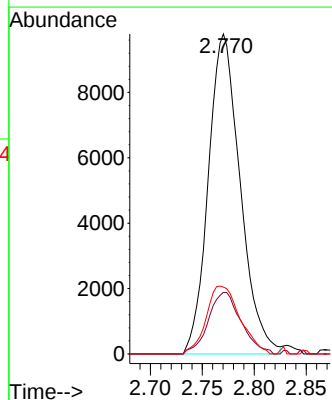
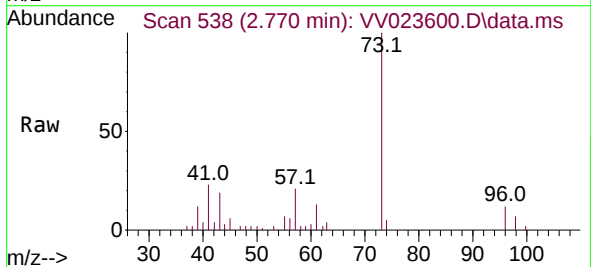
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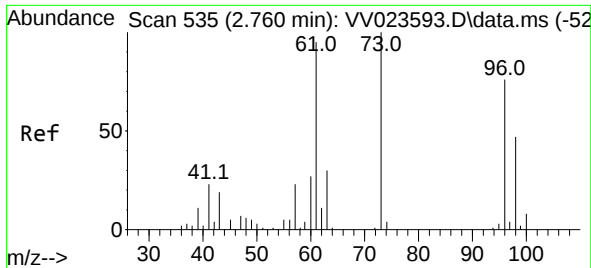
Tgt Ion: 84 Resp: 8851
Ion Ratio Lower Upper
84 100
86 65.1 42.3 78.5
49 111.5 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 1.354 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

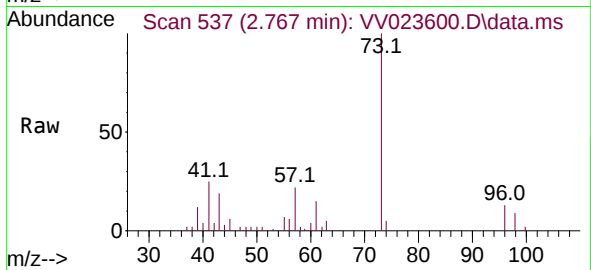
Tgt Ion: 73 Resp: 20876
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 22.5 16.5 24.7



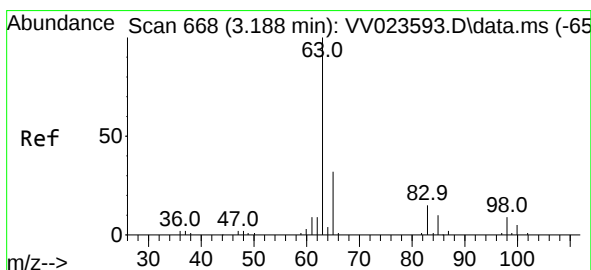
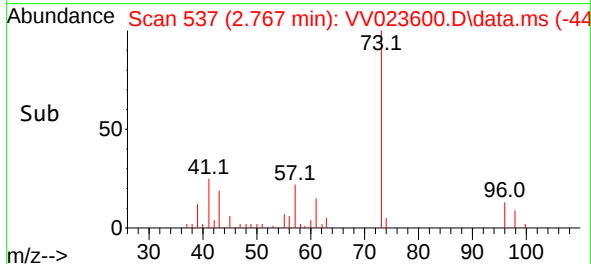
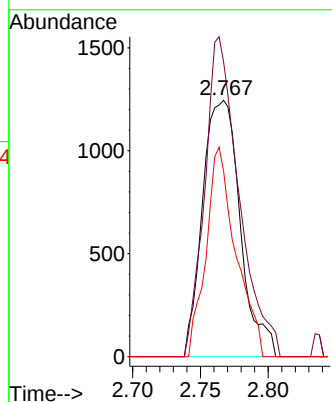


#18
 trans-1,2-Dichloroethene
 Concen: 0.279 ug/L
 RT: 2.767 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

Instrument :
 MSVOA_V
 ClientSampleId :

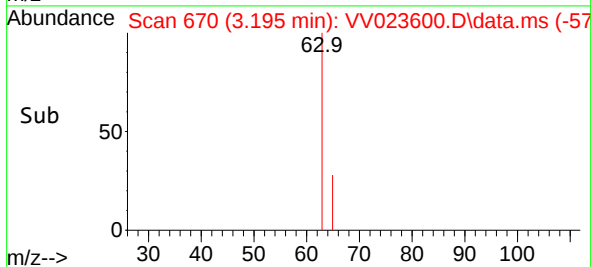
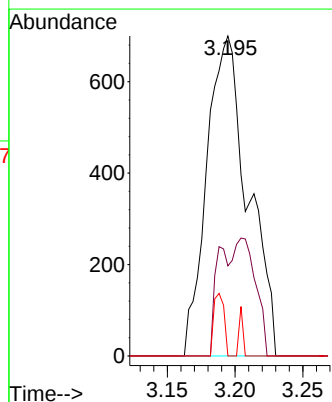
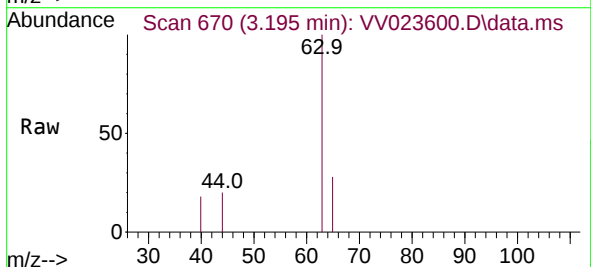


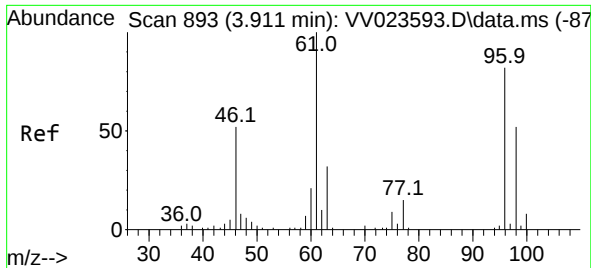
Tgt Ion:	96	Resp:	2405
Ion	Ratio	Lower	Upper
96	100		
61	115.1	93.2	173.2
98	72.5	47.0	87.2



#19
 1,1-Dichloroethane
 Concen: 0.102 ug/L
 RT: 3.195 min Scan# 670
 Delta R.T. 0.007 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

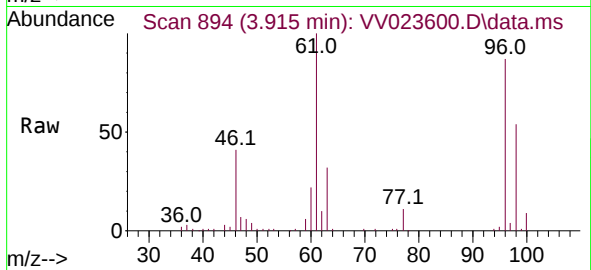
Tgt Ion:	63	Resp:	1478
Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.6	42.0
83	0.0	11.1	20.7



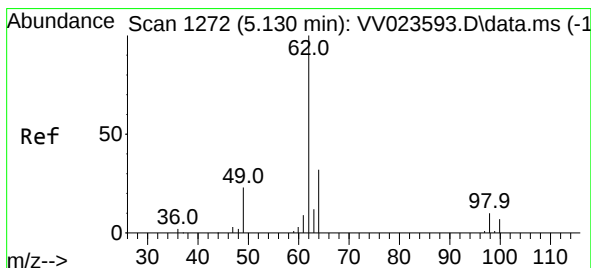
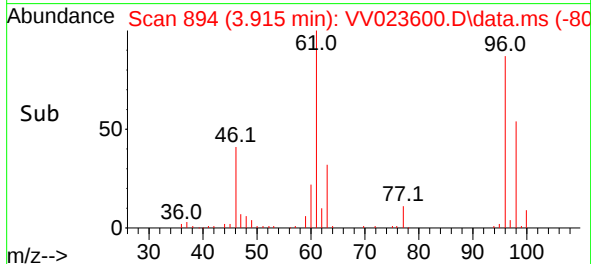
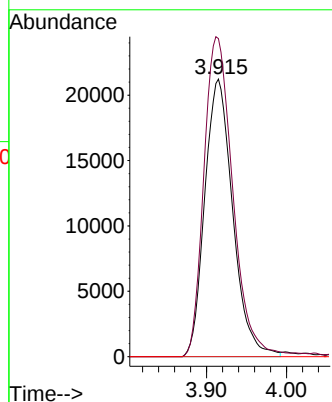


#22
 cis-1,2-Dichloroethene
 Concen: 6.240 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

Instrument :
 MSVOA_V
 ClientSampleId :

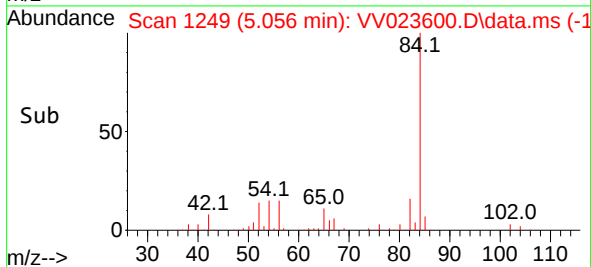
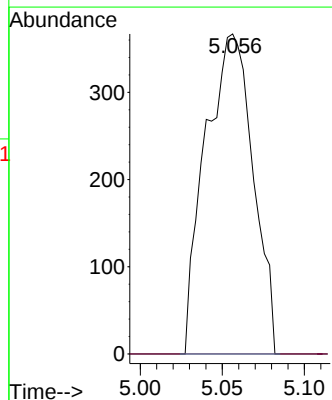
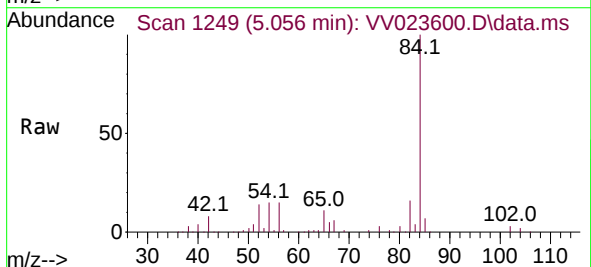


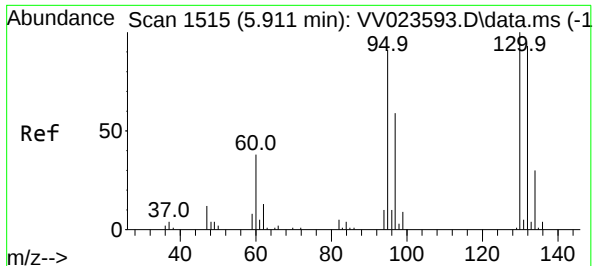
Tgt Ion: 96 Resp: 51711
 Ion Ratio Lower Upper
 96 100
 61 114.6 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.090 ug/L
 RT: 5.056 min Scan# 1249
 Delta R.T. -0.074 min
 Lab File: VV023600.D
 Acq: 18 Nov 2021 13:36

Tgt Ion: 62 Resp: 743
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

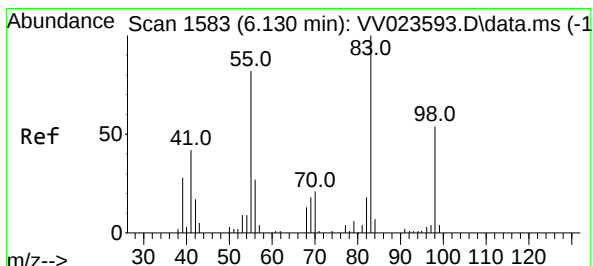
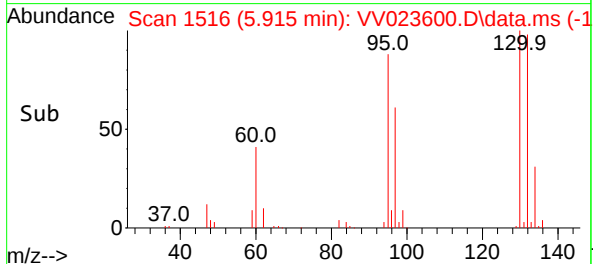
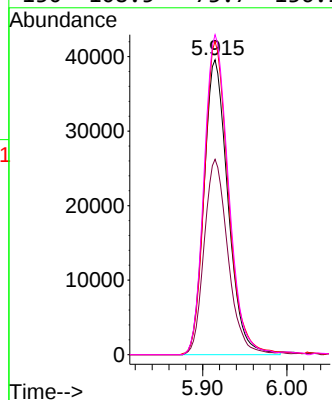
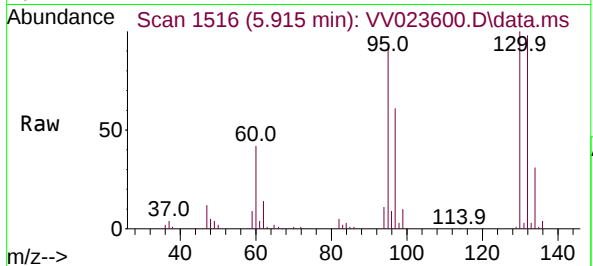




#34
Trichloroethene
Concen: 9.073 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

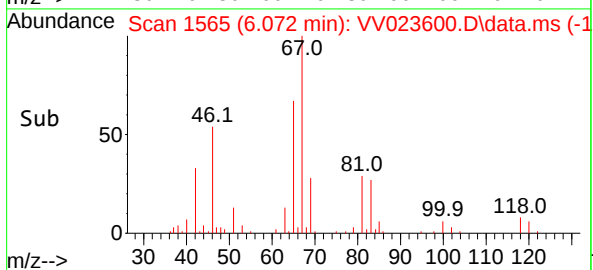
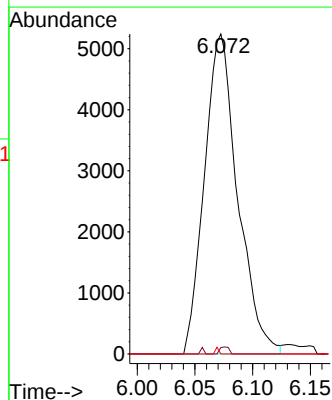
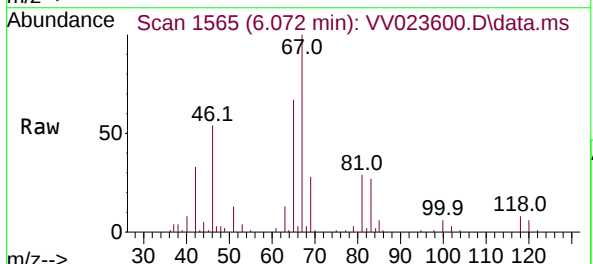
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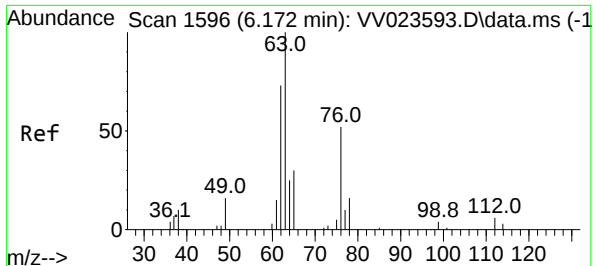
Tgt Ion: 95 Resp: 78468
Ion Ratio Lower Upper
95 100
97 66.3 45.0 83.6
132 106.3 69.7 129.4
130 108.5 73.7 136.9



#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

Tgt Ion: 83 Resp: 10502
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV023600.D

Acq: 18 Nov 2021 13:36

Instrument :

MSVOA_V

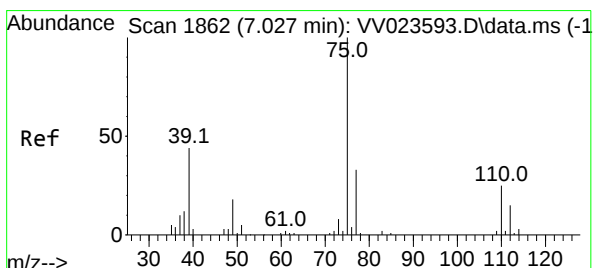
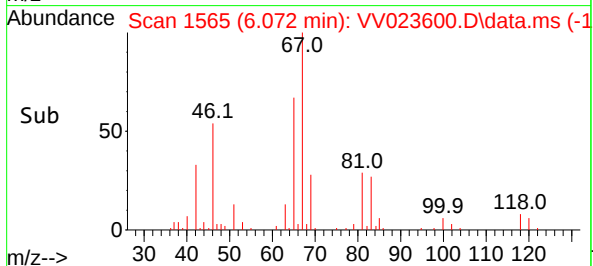
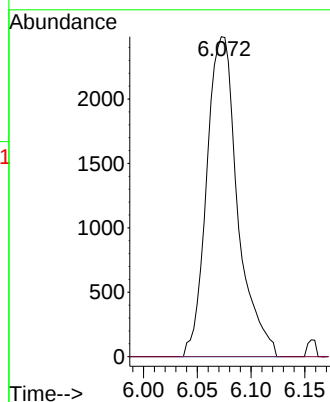
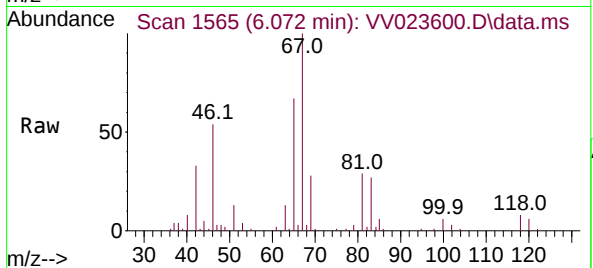
ClientSampleId :

Tgt Ion: 63 Resp: 4983

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023600.D

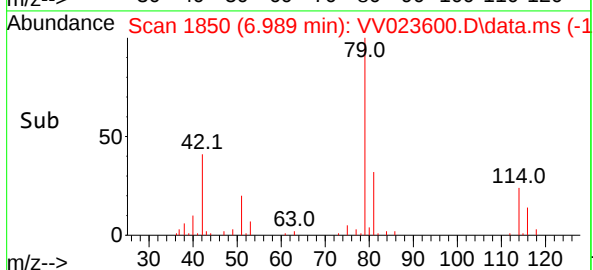
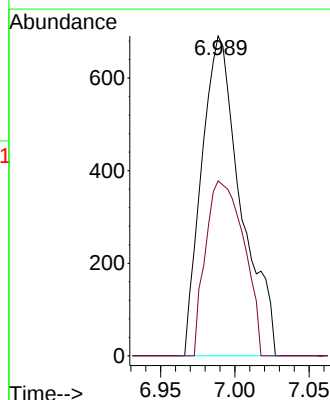
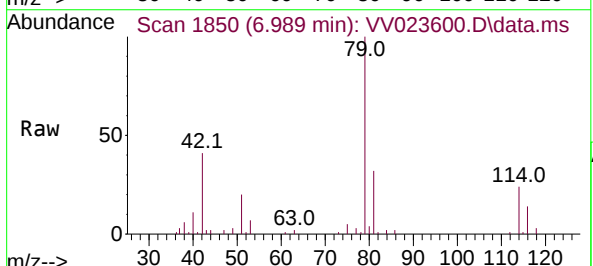
Acq: 18 Nov 2021 13:36

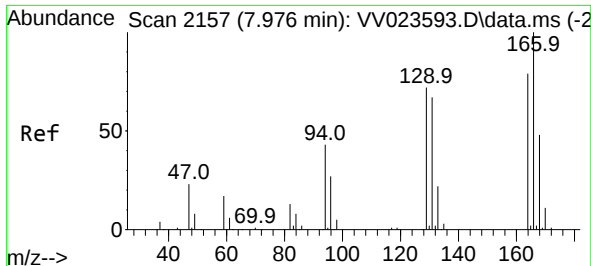
Tgt Ion: 75 Resp: 1266

Ion Ratio Lower Upper

75 100

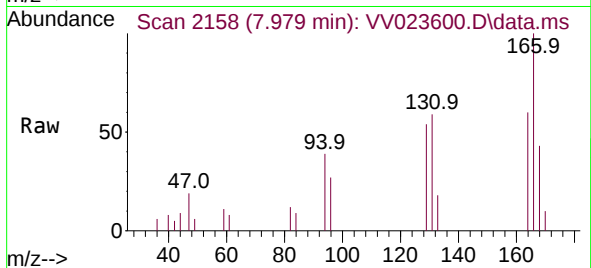
77 54.7 21.6 40.2#



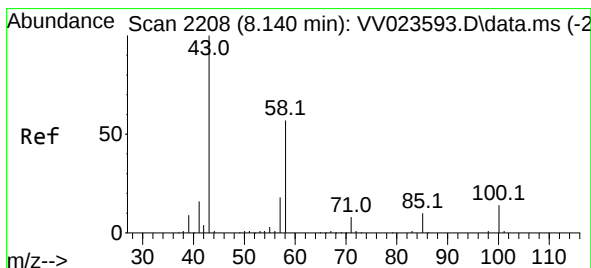
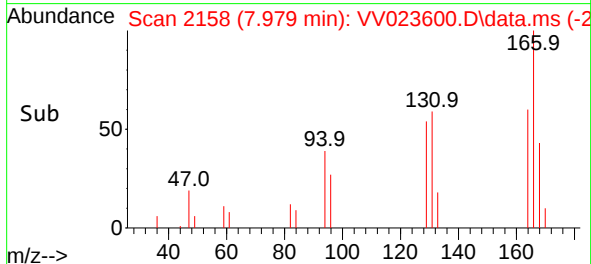
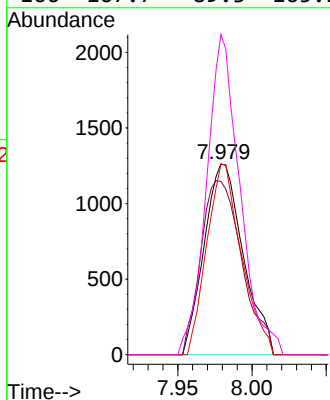


#47
Tetrachloroethene
Concen: 0.308 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

Instrument :
MSVOA_V
ClientSampleId :

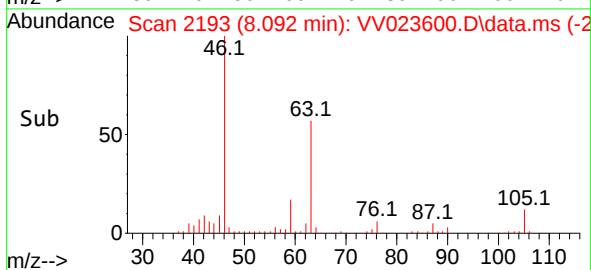
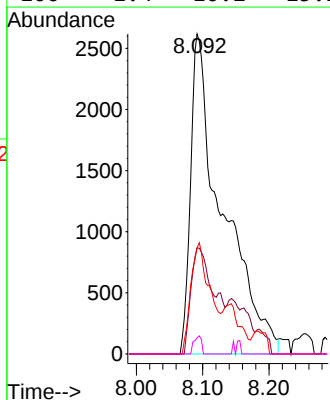
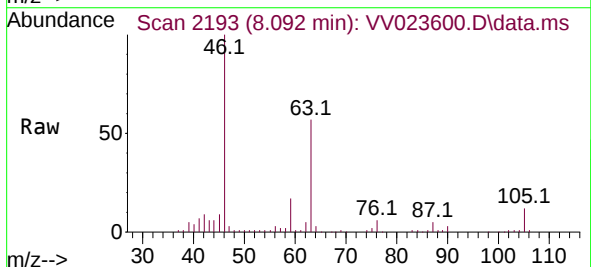


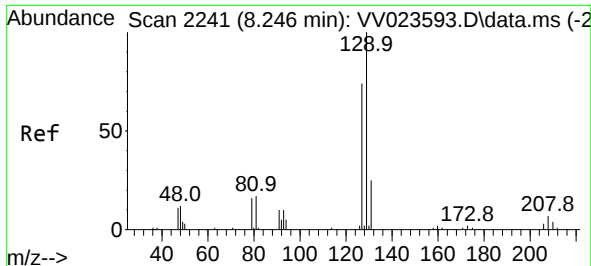
Tgt Ion:164 Resp: 2312
Ion Ratio Lower Upper
164 100
129 90.8 64.0 119.0
131 99.7 63.4 117.8
166 167.7 89.3 165.9#



#48
2-Hexanone
Concen: 3.507 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023600.D
Acq: 18 Nov 2021 13:36

Tgt Ion: 43 Resp: 8654
Ion Ratio Lower Upper
43 100
58 20.5 43.7 65.5#
57 21.6 14.1 21.1#
100 1.4 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.320 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023600.D

Acq: 18 Nov 2021 13:36

Instrument :

MSVOA_V

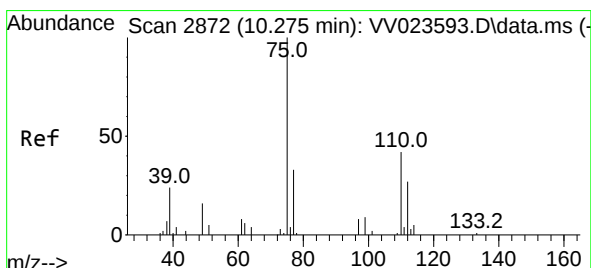
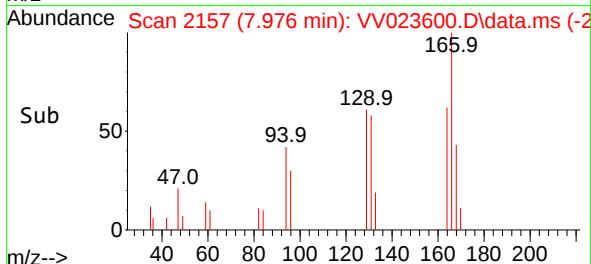
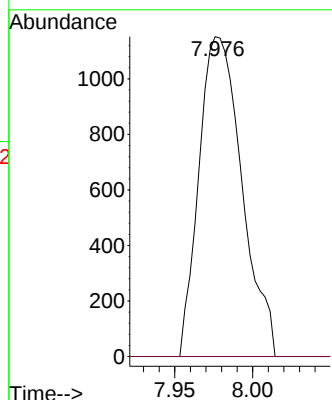
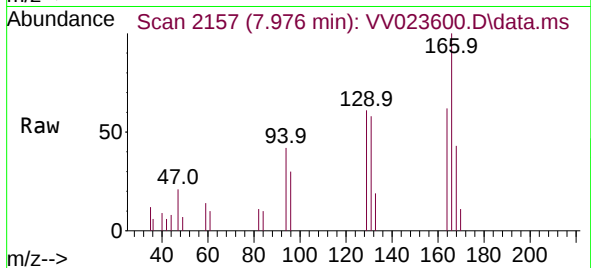
ClientSampleId :

Tgt Ion:129 Resp: 2209

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.750 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023600.D

Acq: 18 Nov 2021 13:36

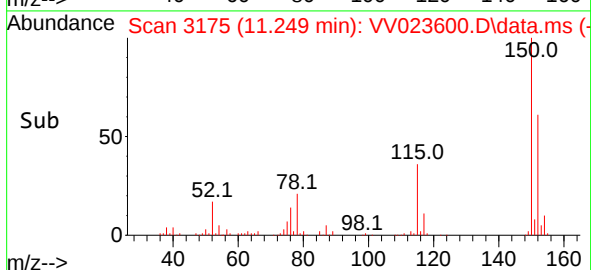
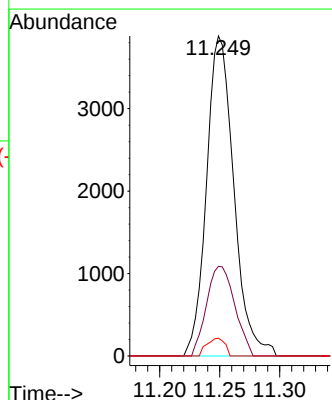
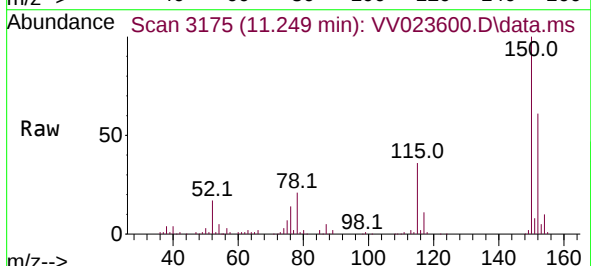
Tgt Ion: 75 Resp: 6145

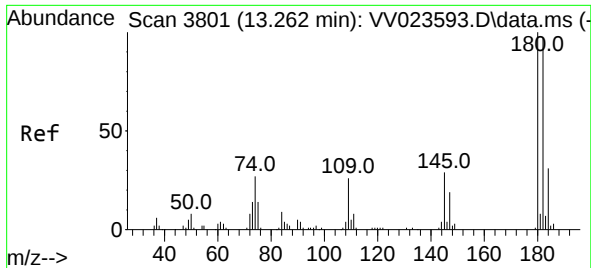
Ion Ratio Lower Upper

75 100

77 28.9 26.6 39.8

110 3.7 31.8 47.6#





#70

1,2,4-trichlorobenzene

Concen: 0.105 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.007 min

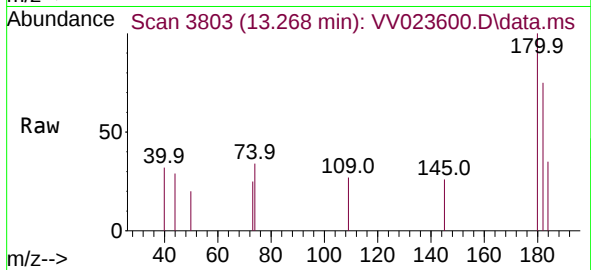
Lab File: VV023600.D

Acq: 18 Nov 2021 13:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1017

Ion Ratio Lower Upper

180 100

182 88.5 76.9 115.3

145 22.5 24.4 36.6#

