

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029811.D
 Acq On : 13 Jan 2023 16:19
 Operator : SY/MD
 Sample : 01138-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W7

Quant Time: Jan 13 22:52:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

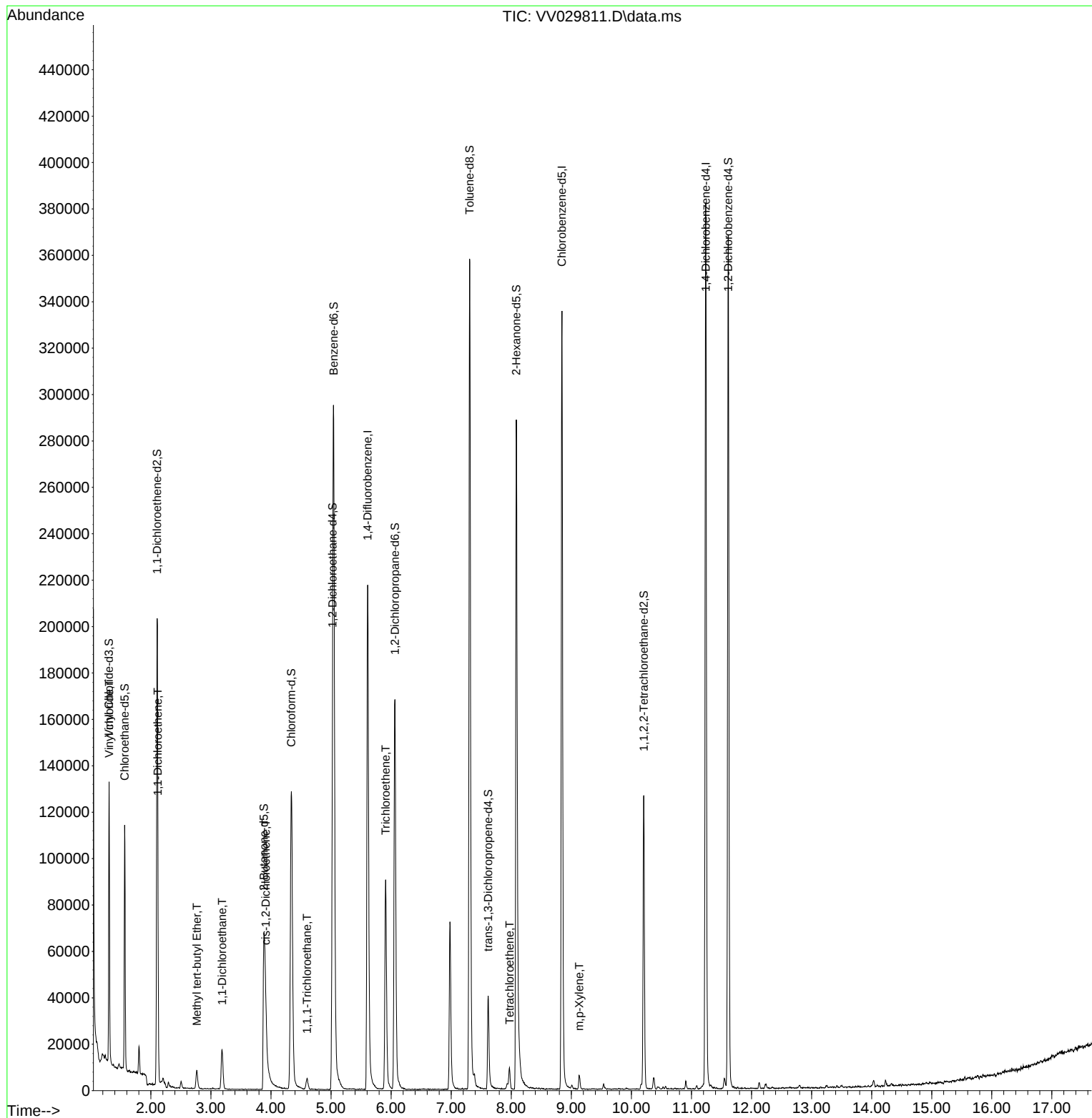
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	206226	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	203146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	108013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71312	4.559	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.564	69	65454	5.048	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.104	63	100097	3.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.883	46	119961	43.269	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.540%	
24) Chloroform-d	4.339	84	143254	4.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.024	65	62096	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.043	84	295988	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.063	67	91871	5.209	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.307	98	258843	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.616	79	26081	4.049	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.085	63	115576	44.076	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.160%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63997	4.952	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	101483	5.168	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
5) Vinyl chloride	1.307	62	4426	0.223	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	9365	0.532	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	7912	0.260	ug/L	96
19) 1,1-Dichloroethane	3.185	63	18321	0.669	ug/L	97
22) cis-1,2-Dichloroethene	3.911	96	8520	0.488	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	4115	0.156	ug/L	97
34) Trichloroethene	5.908	95	33815	1.987	ug/L	96
47) Tetrachloroethene	7.972	164	2397	0.167	ug/L	81
53) m,p-Xylene	9.130	106	2174	0.072	ug/L	95

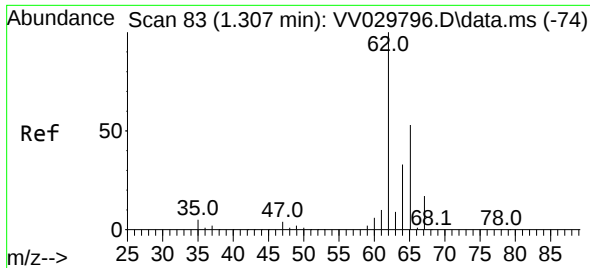
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029811.D
Acq On : 13 Jan 2023 16:19
Operator : SY/MD
Sample : 01138-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1W7

Quant Time: Jan 13 22:52:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

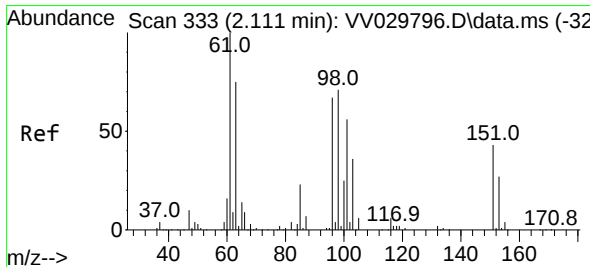
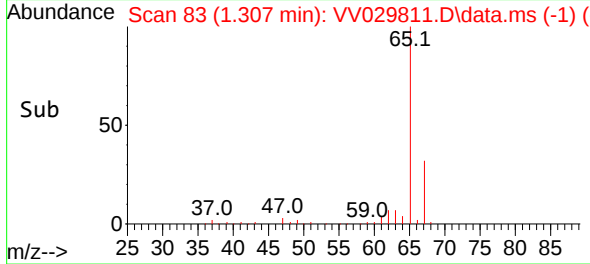
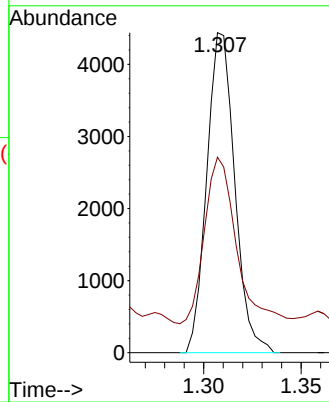
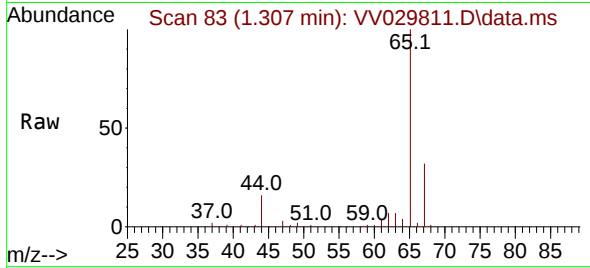




#5
 Vinyl chloride
 Concen: 0.223 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029811.D
 Acq: 13 Jan 2023 16:19

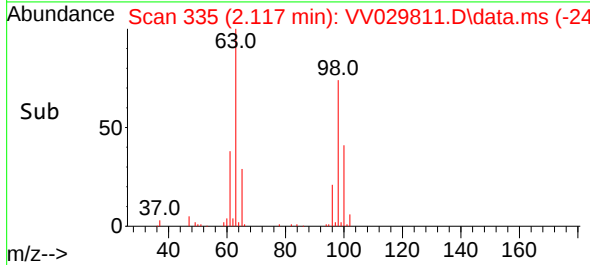
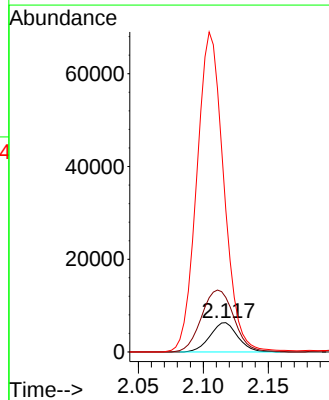
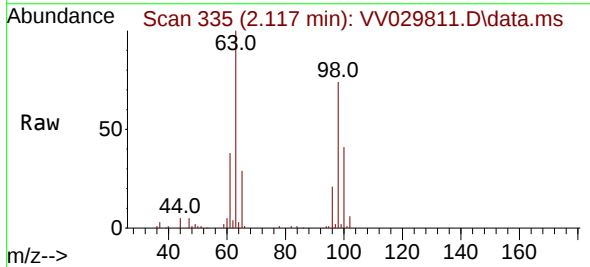
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W7

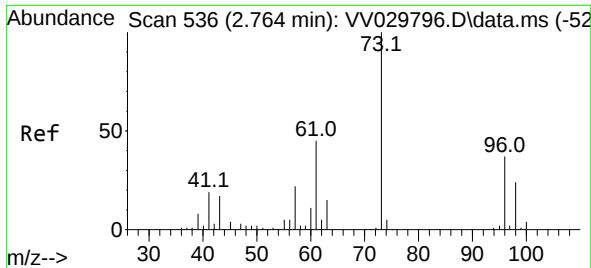
Tgt Ion: 62 Resp: 4426
 Ion Ratio Lower Upper
 62 100
 64 61.1 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.532 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV029811.D
 Acq: 13 Jan 2023 16:19

Tgt Ion: 96 Resp: 9365
 Ion Ratio Lower Upper
 96 100
 61 185.8 106.1 197.1
 63 485.2 76.4 141.8#

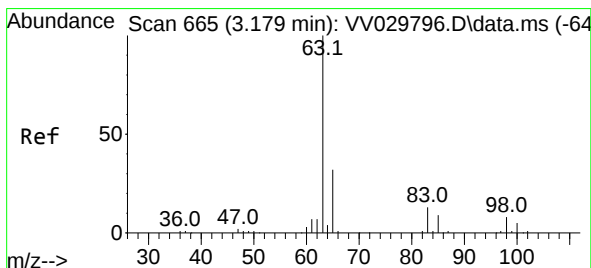
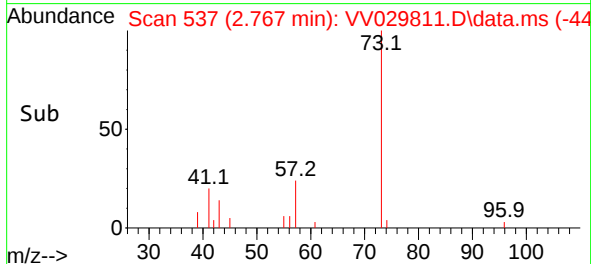
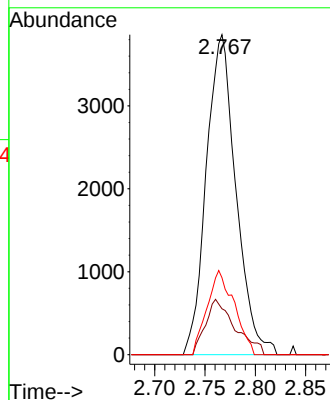
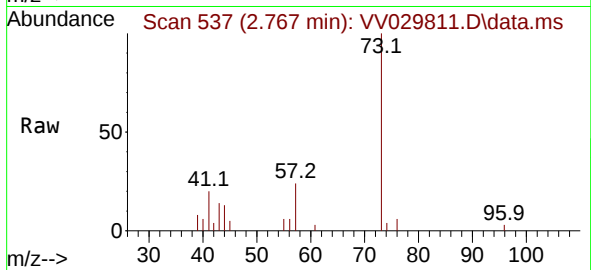




#17
Methyl tert-butyl Ether
Concen: 0.260 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029811.D
Acq: 13 Jan 2023 16:19

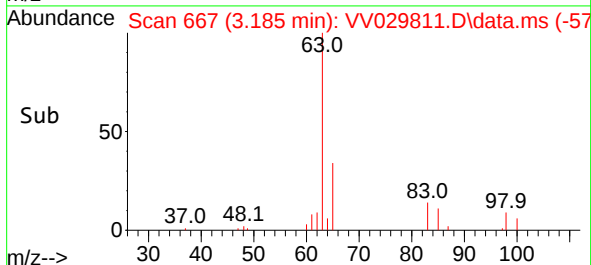
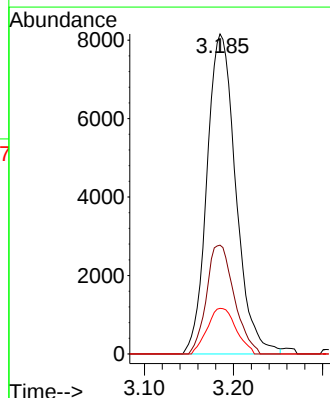
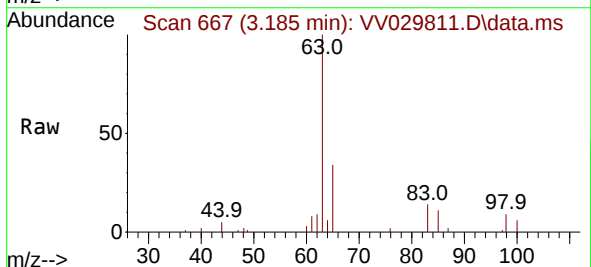
Instrument :
MSVOA_V
ClientSampleId :
BH1W7

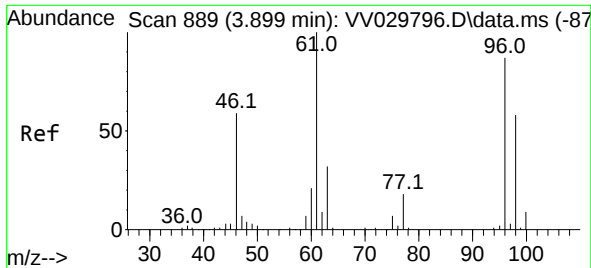
Tgt Ion: 73 Resp: 7912
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 24.1 17.1 25.7



#19
1,1-Dichloroethane
Concen: 0.669 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029811.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 63 Resp: 18321
Ion Ratio Lower Upper
63 100
65 34.0 22.4 41.6
83 14.2 10.2 19.0

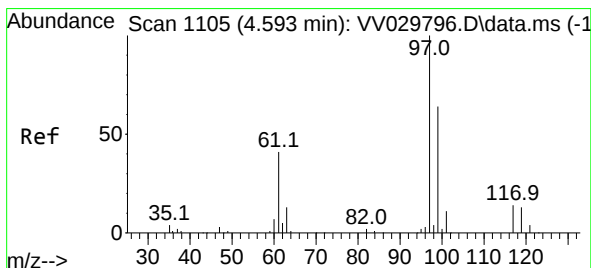
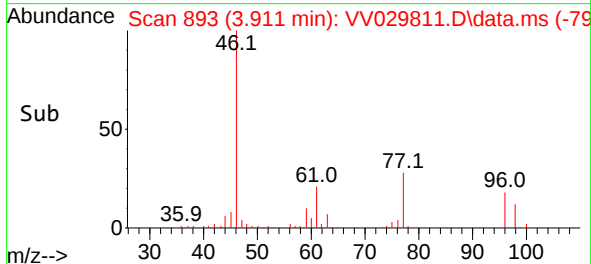
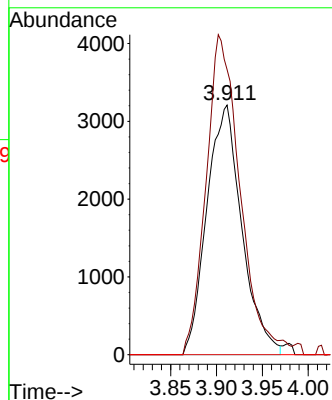
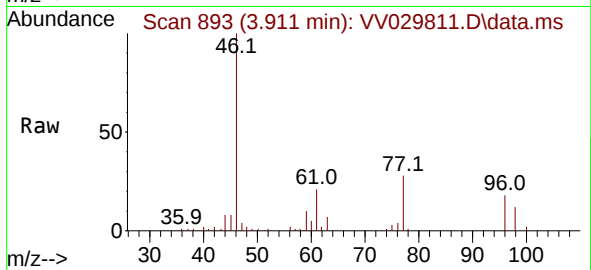




#22
cis-1,2-Dichloroethene
Concen: 0.488 ug/L
RT: 3.911 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV029811.D
Acq: 13 Jan 2023 16:19

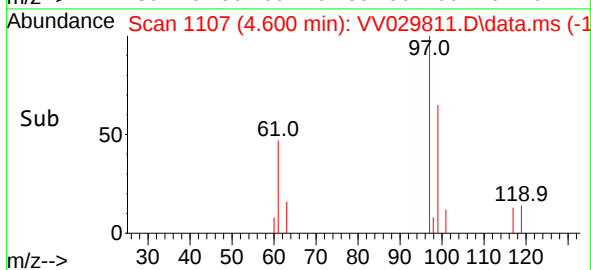
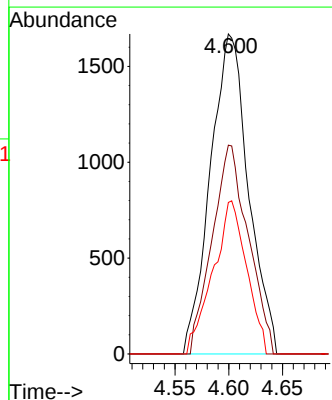
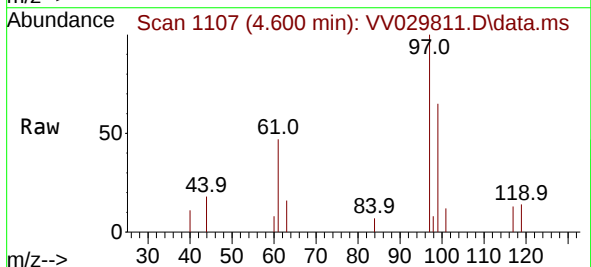
Instrument :
MSVOA_V
ClientSampleId :
BH1W7

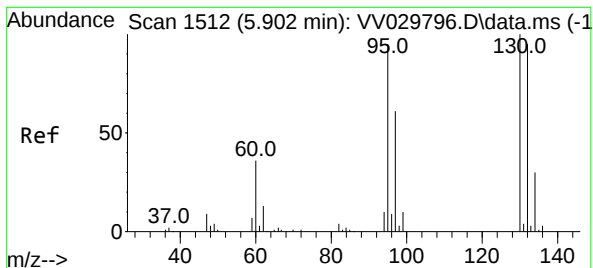
Tgt Ion: 96 Resp: 8520
Ion Ratio Lower Upper
96 100
61 114.2 80.0 148.6
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 0.156 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029811.D
Acq: 13 Jan 2023 16:19

Tgt Ion: 97 Resp: 4115
Ion Ratio Lower Upper
97 100
99 61.9 51.3 76.9
61 42.2 31.6 47.4





#34

Trichloroethene

Concen: 1.987 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029811.D

Acq: 13 Jan 2023 16:19

Instrument :

MSVOA_V

ClientSampleId :

BH1W7

Tgt Ion: 95 Resp: 33815

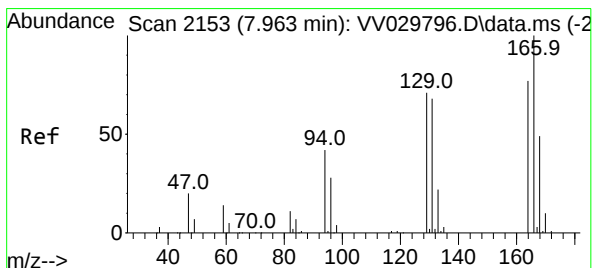
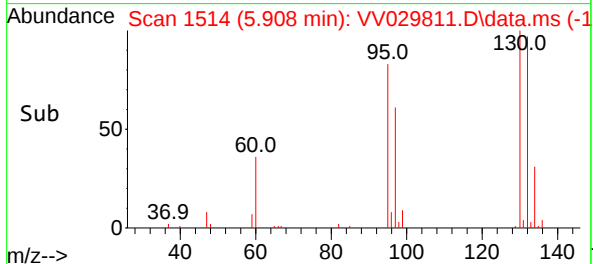
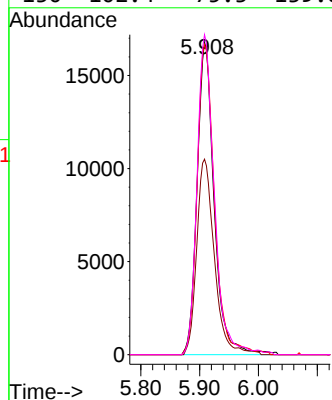
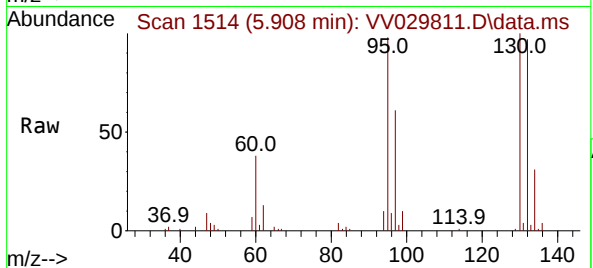
Ion Ratio Lower Upper

95 100

97 62.6 44.9 83.3

132 99.2 71.8 133.4

130 102.4 75.3 139.8



#47

Tetrachloroethene

Concen: 0.167 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV029811.D

Acq: 13 Jan 2023 16:19

Tgt Ion:164 Resp: 2397

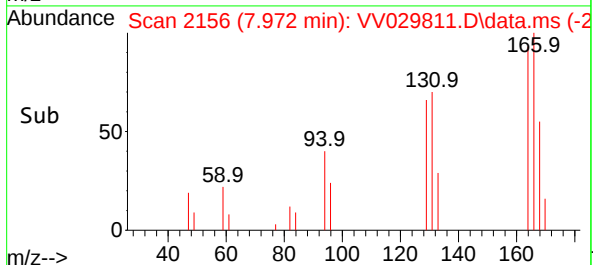
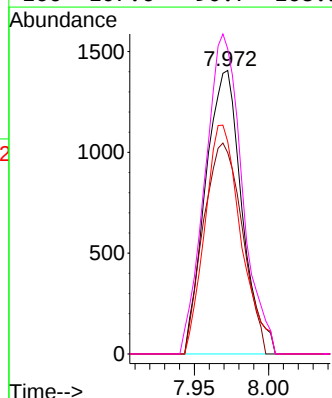
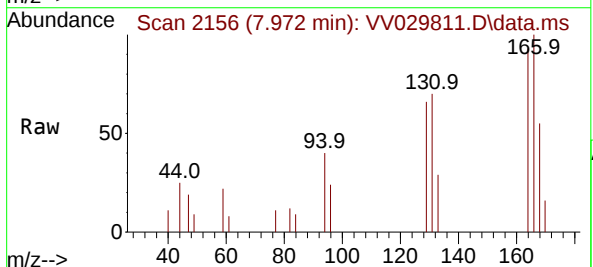
Ion Ratio Lower Upper

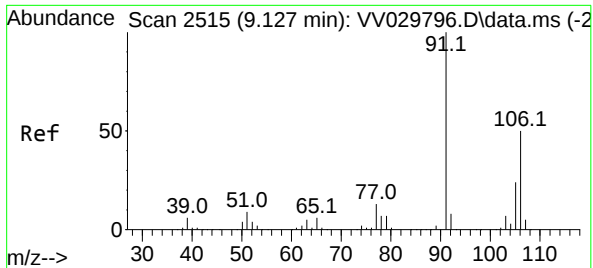
164 100

129 71.0 64.5 119.7

131 74.9 62.9 116.7

166 107.6 90.7 168.5





#53
 m,p-Xylene
 Concen: 0.072 ug/L
 RT: 9.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029811.D
 Acq: 13 Jan 2023 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W7

Tgt Ion:106 Resp: 2174
 Ion Ratio Lower Upper
 106 100
 91 190.1 138.7 257.7

