

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021460.D
 Acq On : 01 Jun 2021 15:10
 Operator : SY/MD
 Sample : M2568-06 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 00:50:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

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

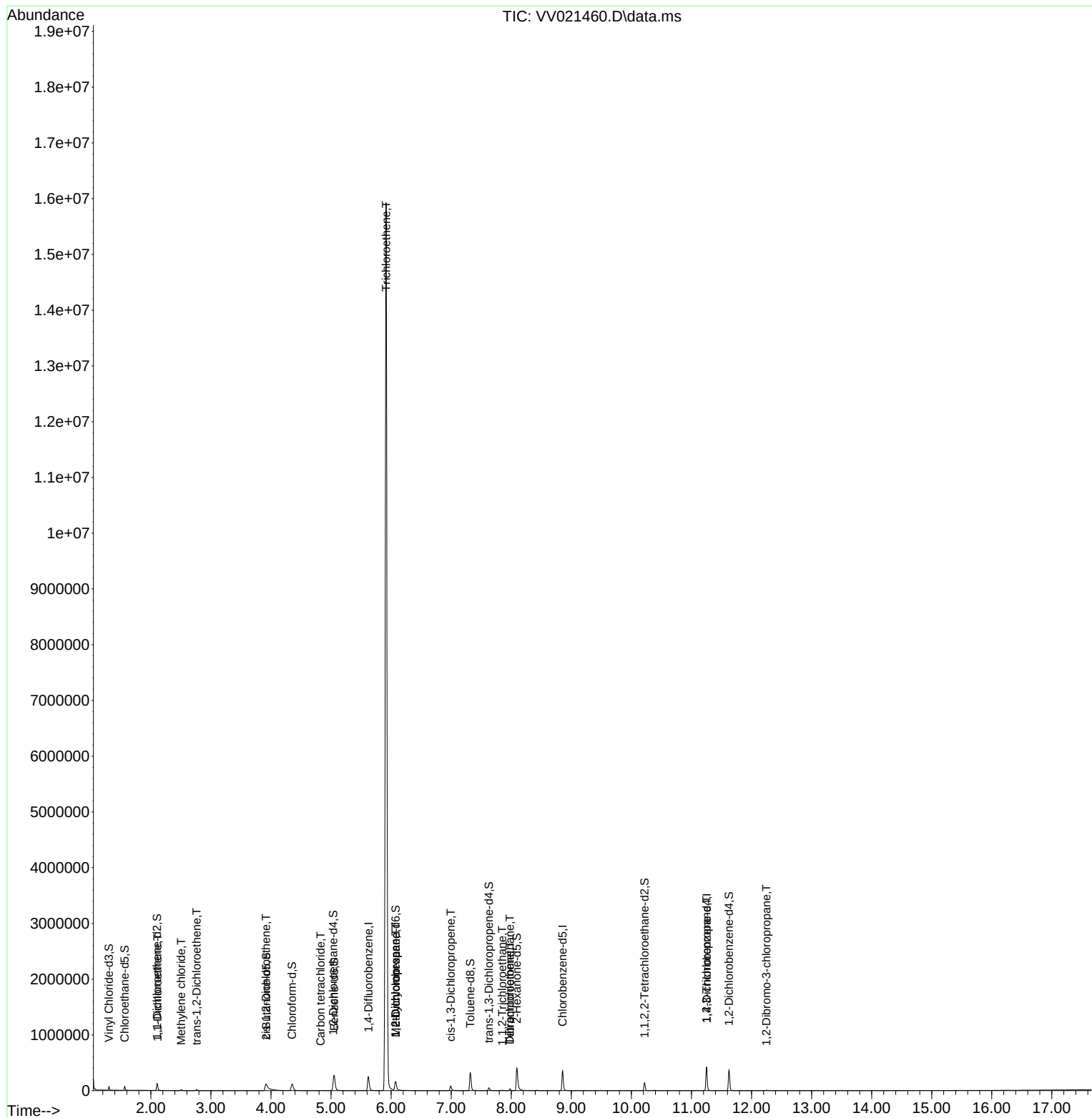
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	239809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	217110	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	124233	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39830	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.564	69	43452	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.105	63	60848	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.921	46	194354	53.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	4.352	84	130271	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.037	65	64558	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.053	84	253354	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.076	67	80670	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.320	98	223765	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	7.629	79	33439	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.092	63	173352	52.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.42%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	69207	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	105723	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	5483	0.46	ug/L #	1
16) Methylene chloride	2.507	84	7845	0.40	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	7020	0.47	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	40688	2.52	ug/L	99
31) Carbon tetrachloride	4.828	117	1993	0.09	ug/L	93
34) Trichloroethene	5.915	95	5487667	352.64	ug/L	99
35) Methylcyclohexane	6.076	83	20007	0.78	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	8712	0.62	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2044	0.09	ug/L #	36
45) 1,1,2-Trichloroethane	7.850	97	2948	0.28	ug/L	91
47) Tetrachloroethene	7.979	164	8482	0.60	ug/L	96
49) Dibromochloromethane	7.979	129	6875	0.49	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11823	1.34	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.246	75	283	0.13	ug/L #	1

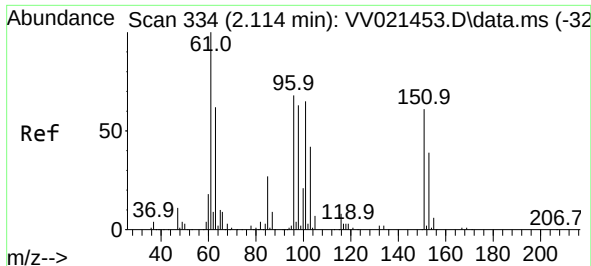
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 02 00:49:39 2021
Response via : Initial Calibration

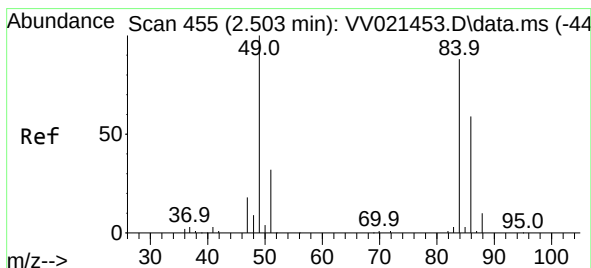
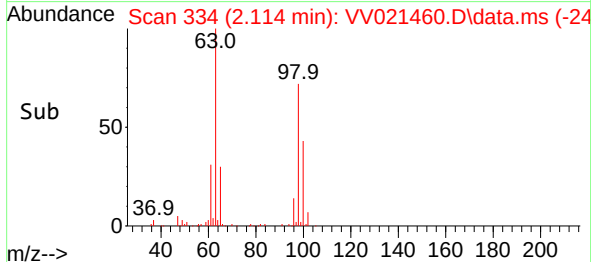
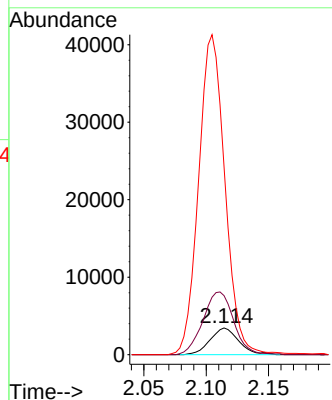
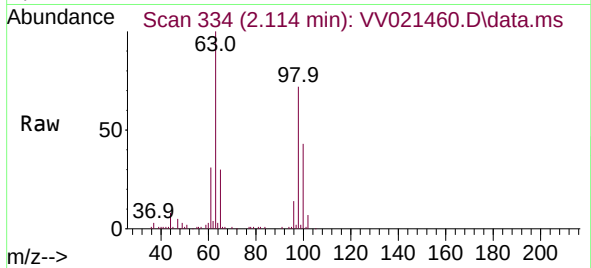




#12
1,1-Dichloroethene
Concen: 0.46 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

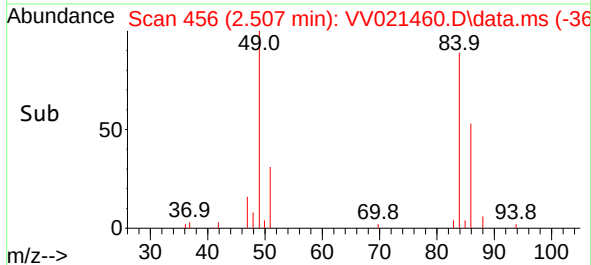
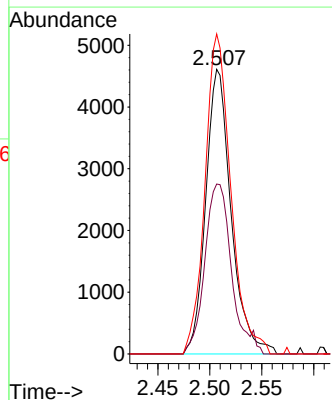
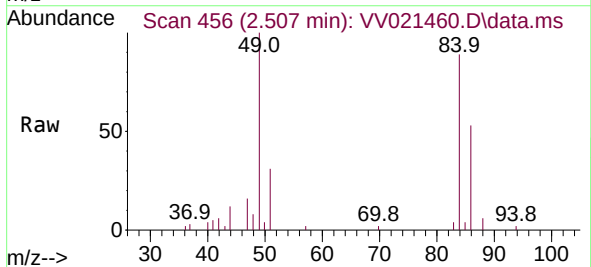
Instrument :
MSVOA_V
ClientSampled :

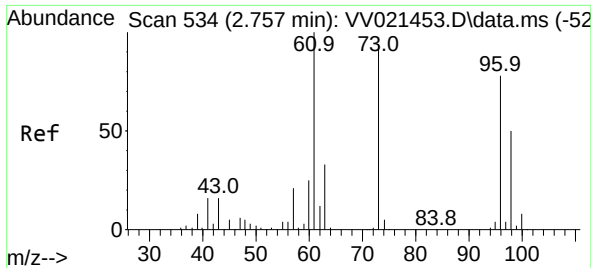
Tgt Ion: 96 Resp: 5483
Ion Ratio Lower Upper
96 100
61 221.2 103.7 192.5#
63 705.1 62.4 115.8#



#16
Methylene chloride
Concen: 0.40 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 84 Resp: 7845
Ion Ratio Lower Upper
84 100
86 59.7 44.7 82.9
49 112.4 82.7 153.5

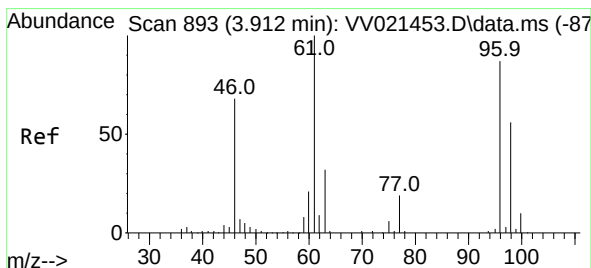
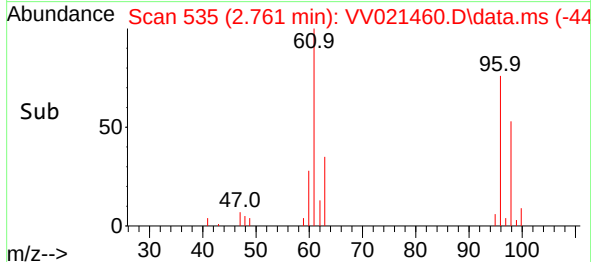
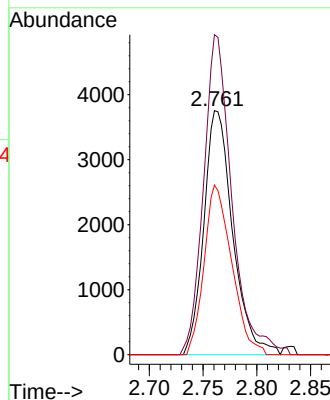
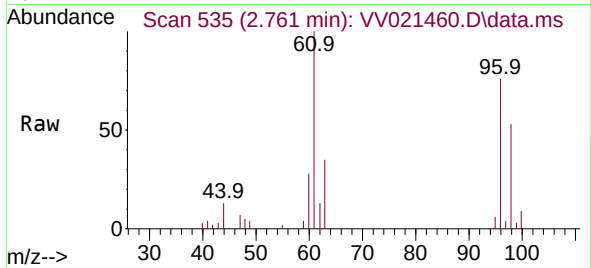




#18
trans-1,2-Dichloroethene
Concen: 0.47 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

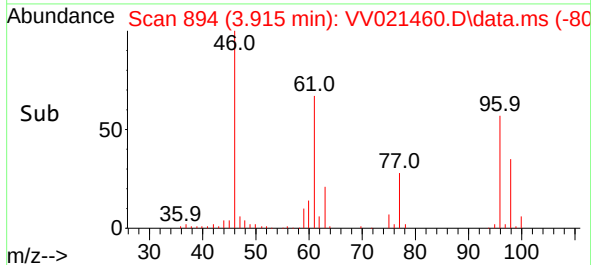
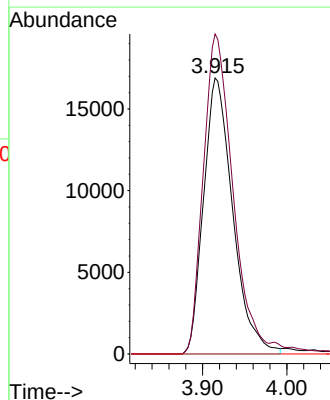
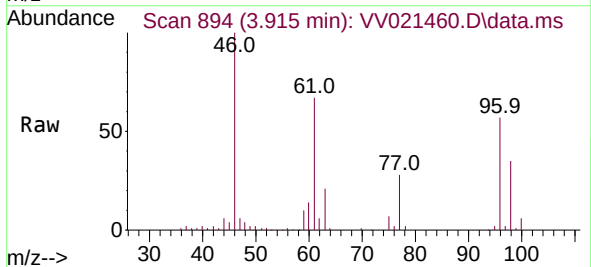
Instrument :
MSVOA_V
ClientSampleId :

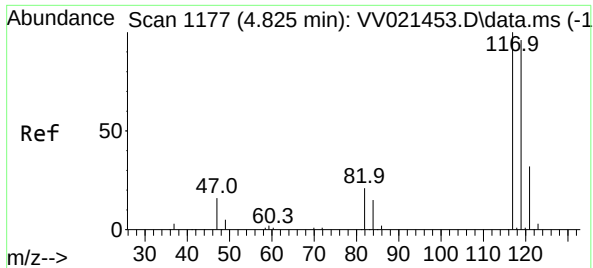
Tgt Ion: 96 Resp: 7020
Ion Ratio Lower Upper
96 100
61 131.1 88.7 164.7
98 69.5 44.4 82.4



#22
cis-1,2-Dichloroethene
Concen: 2.52 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 96 Resp: 40688
Ion Ratio Lower Upper
96 100
61 116.0 81.9 152.1
68 0.0 0.0 0.0

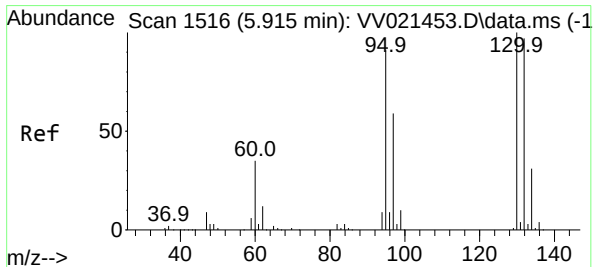
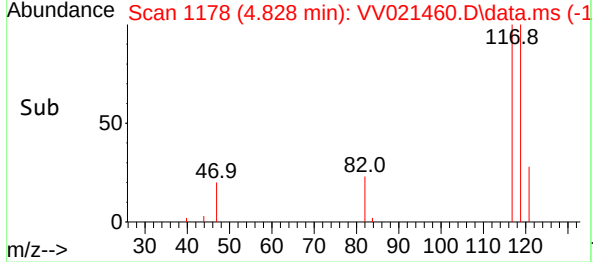
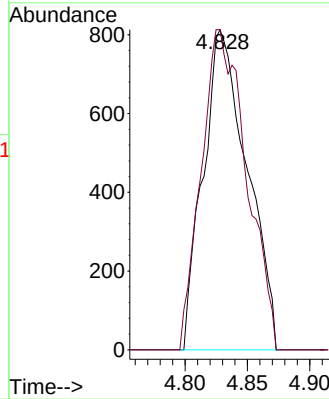
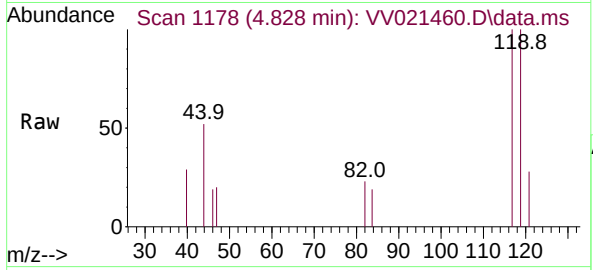




#31
Carbon tetrachloride
Concen: 0.09 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

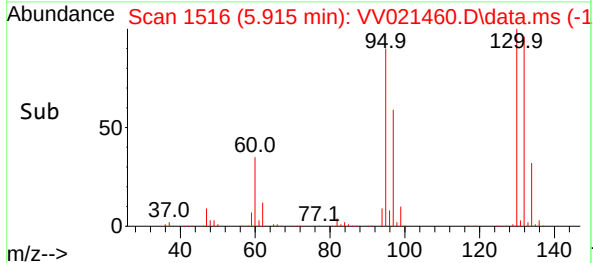
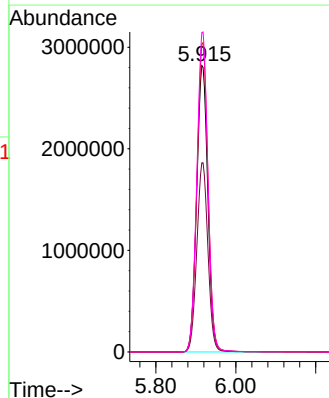
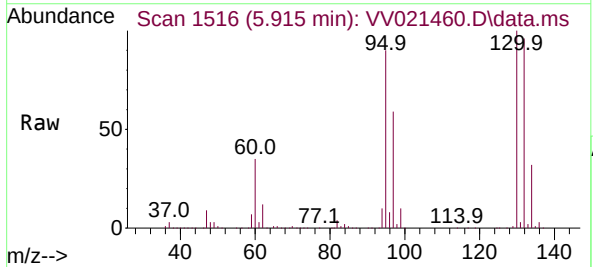
Instrument :
MSVOA_V
ClientSampled :

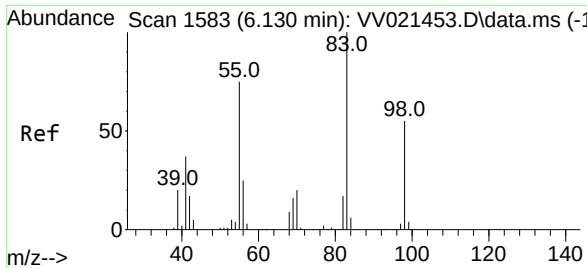
Tgt Ion:117 Resp: 1993
Ion Ratio Lower Upper
117 100
119 102.7 77.0 115.6



#34
Trichloroethene
Concen: 352.64 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 95 Resp: 5487667
Ion Ratio Lower Upper
95 100
97 66.0 45.4 84.4
132 107.5 74.5 138.3
130 111.6 77.7 144.3

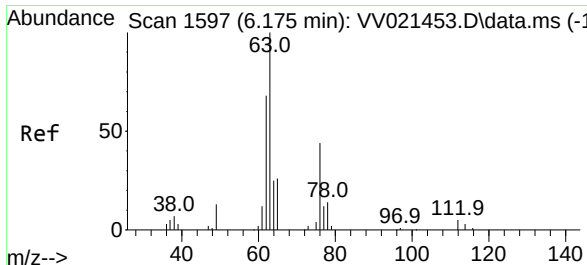
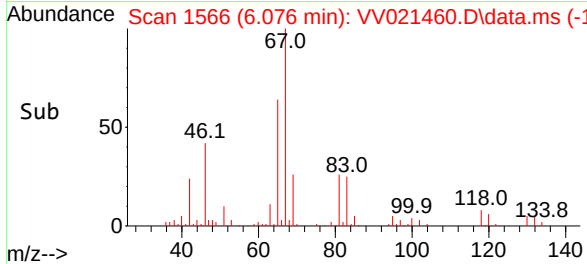
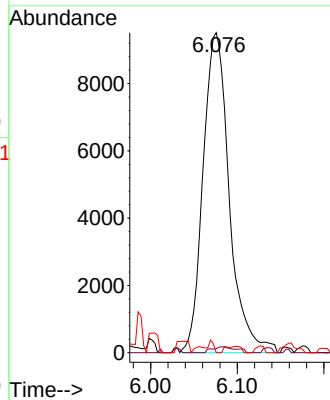
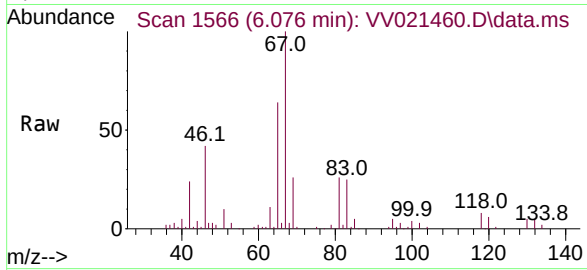




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

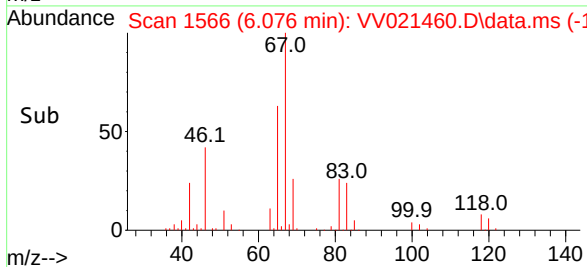
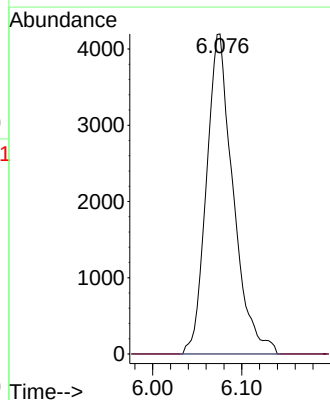
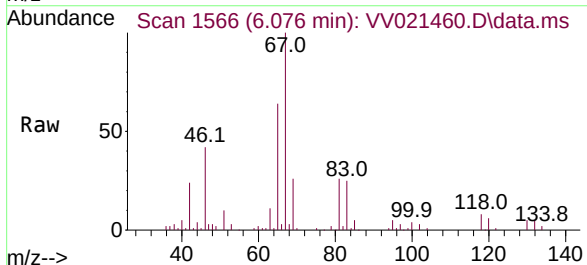
Instrument :
MSVOA_V
ClientSampled :

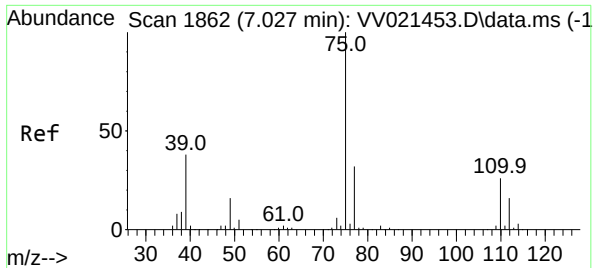
Tgt Ion: 83 Resp: 20007
Ion Ratio Lower Upper
83 100
55 1.5 57.7 86.5#
98 0.0 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 63 Resp: 8712
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

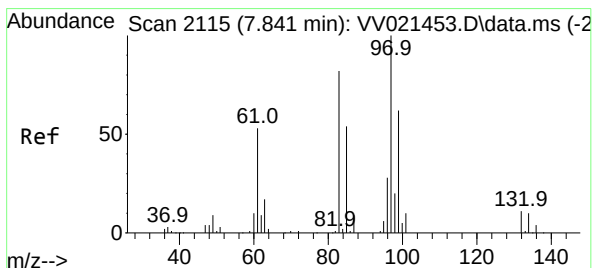
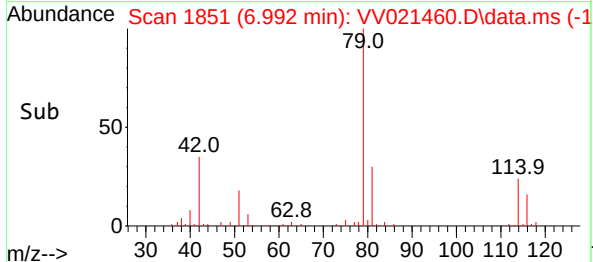
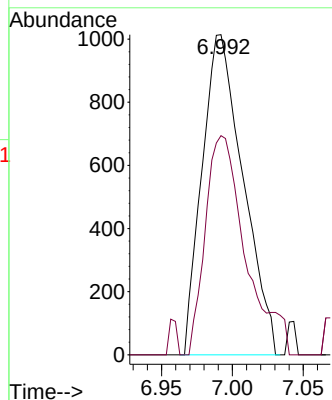
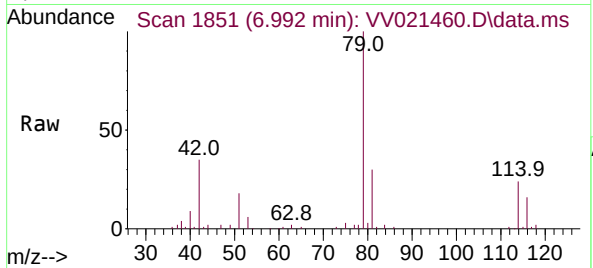




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

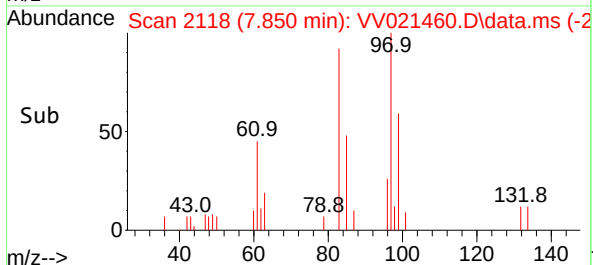
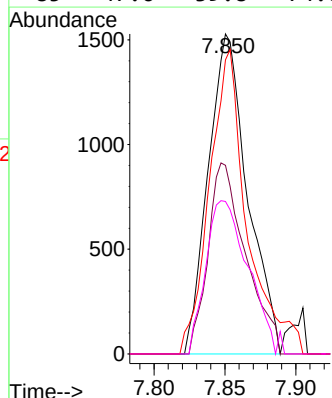
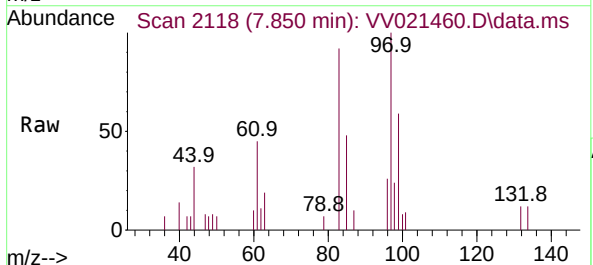
Instrument :
MSVOA_V
ClientSampled :

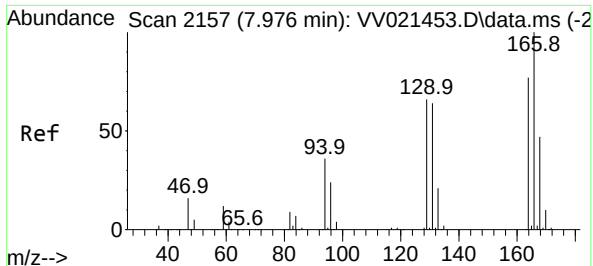
Tgt Ion: 75 Resp: 2044
Ion Ratio Lower Upper
75 100
77 68.4 22.8 42.4#



#45
1,1,2-Trichloroethane
Concen: 0.28 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 97 Resp: 2948
Ion Ratio Lower Upper
97 100
99 59.0 44.0 81.8
83 91.9 59.0 109.6
85 47.6 39.8 74.0





#47

Tetrachloroethene

Concen: 0.60 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021460.D

Acq: 01 Jun 2021 15:10

Tgt Ion:164 Resp: 8482

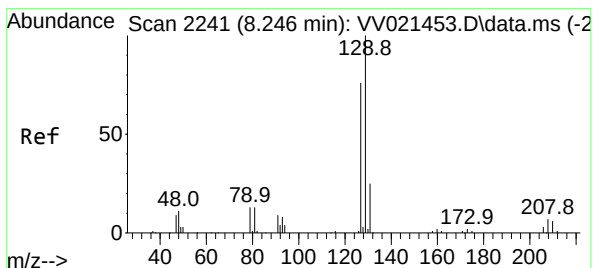
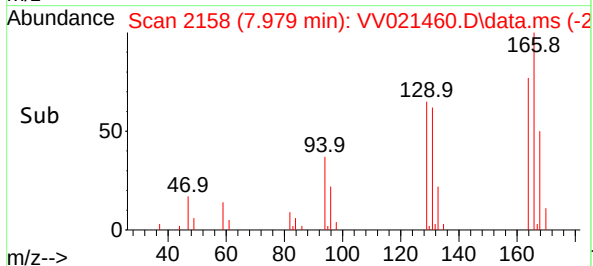
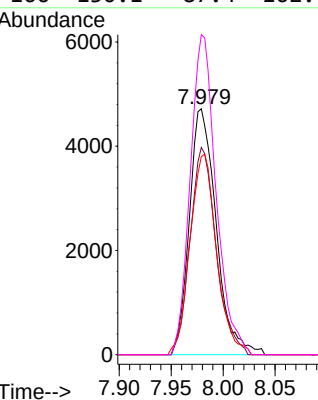
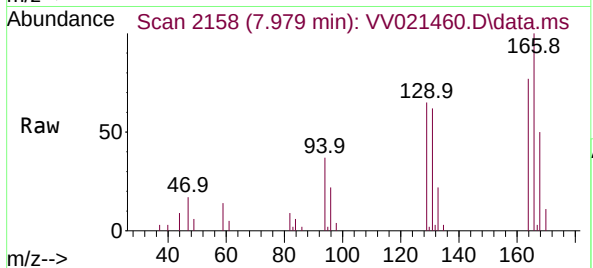
Ion Ratio Lower Upper

164 100

129 84.2 61.8 114.8

131 80.5 57.8 107.4

166 130.1 87.4 162.4



#49

Dibromochloromethane

Concen: 0.49 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV021460.D

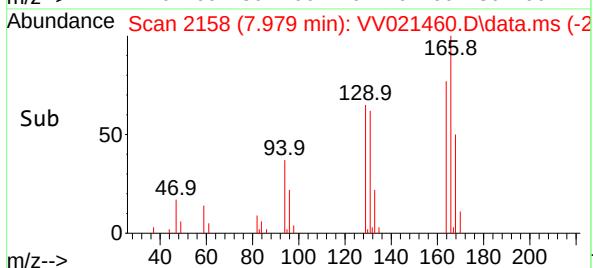
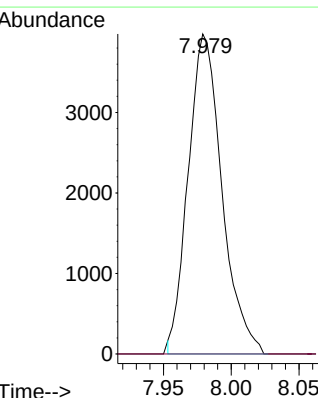
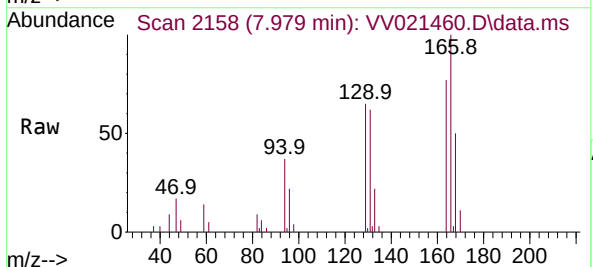
Acq: 01 Jun 2021 15:10

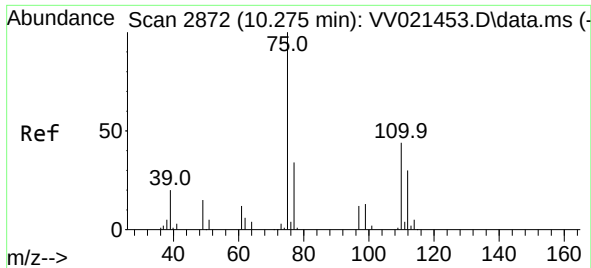
Tgt Ion:129 Resp: 6875

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#

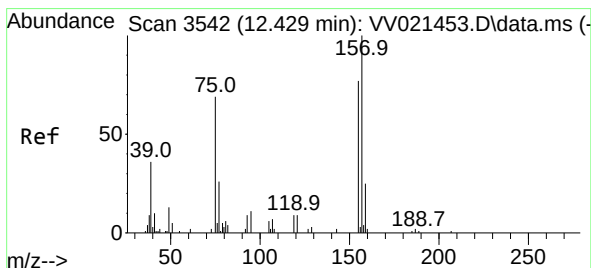
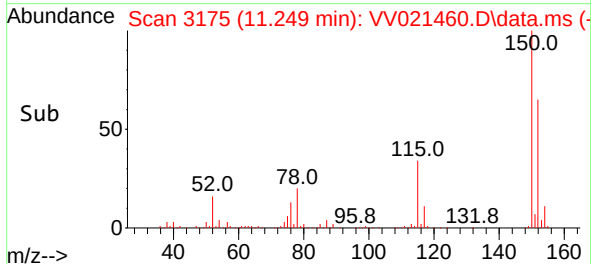
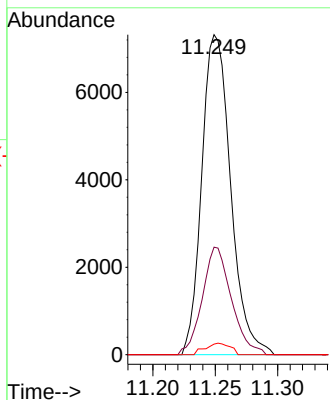
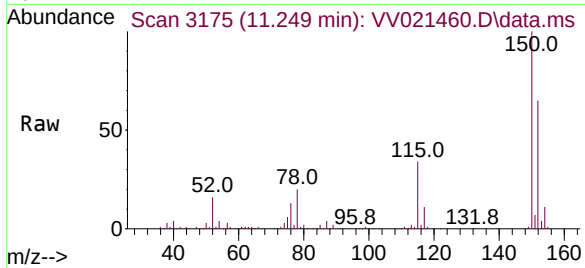




#61
1,2,3-Trichloropropane
Concen: 1.34 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 11823
Ion Ratio Lower Upper
75 100
77 33.8 27.3 40.9
110 3.1 34.2 51.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.13 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.183 min
Lab File: VV021460.D
Acq: 01 Jun 2021 15:10

Tgt Ion: 75 Resp: 283
Ion Ratio Lower Upper
75 100
155 0.0 87.2 130.8#
157 0.0 106.1 159.1#

