

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021461.D
 Acq On : 01 Jun 2021 15:36
 Operator : SY/MD
 Sample : M2568-07 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 00:50:48 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)

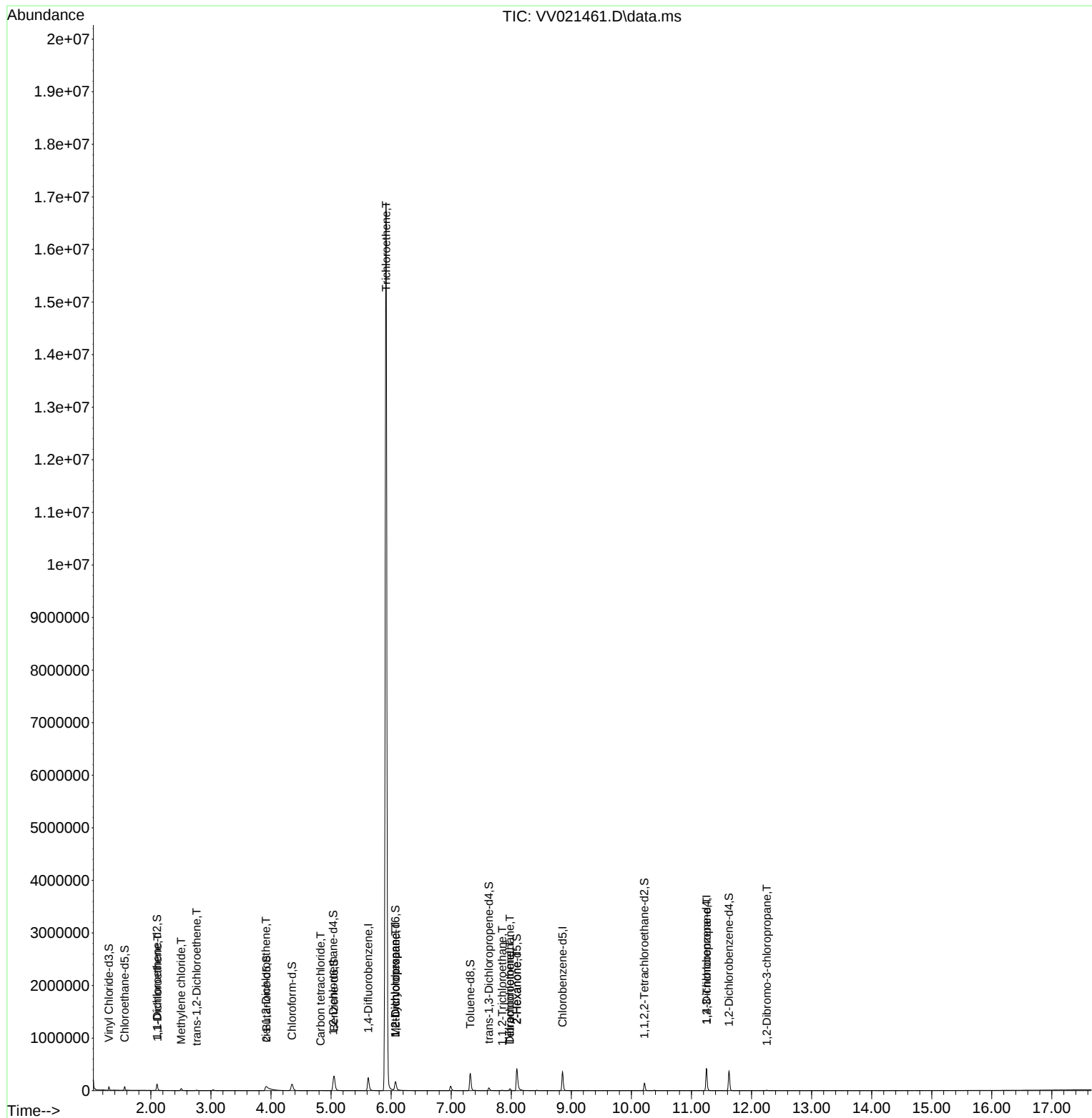
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	213381	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121739	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	40051	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.564	69	44093	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.101	63	59724	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.924	46	203509	57.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.96%
24) Chloroform-d	4.349	84	135480	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.037	65	65927	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.050	84	257099	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.072	67	83283	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.317	98	229319	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	7.628	79	33781	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.091	63	178751	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	69735	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	109549	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	2923	0.26	ug/L #	1
16) Methylene chloride	2.507	84	16841	0.90	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	3977	0.28	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	18189	1.17	ug/L	92
31) Carbon tetrachloride	4.828	117	2382	0.11	ug/L	95
34) Trichloroethene	5.915	95	5831143	381.26	ug/L	99
35) Methylcyclohexane	6.072	83	20802	0.83	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8767	0.63	ug/L #	85
45) 1,1,2-Trichloroethane	7.850	97	2943	0.29	ug/L	90
47) Tetrachloroethene	7.979	164	9291	0.67	ug/L	93
48) 2-Hexanone	8.095	43	18425	3.21	ug/L #	65
49) Dibromochloromethane	7.979	129	6909	0.50	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	11451	1.32	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.252	75	222	0.10	ug/L #	1

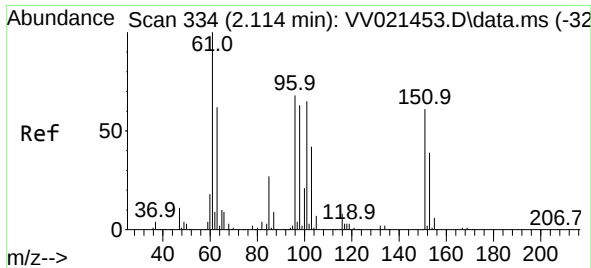
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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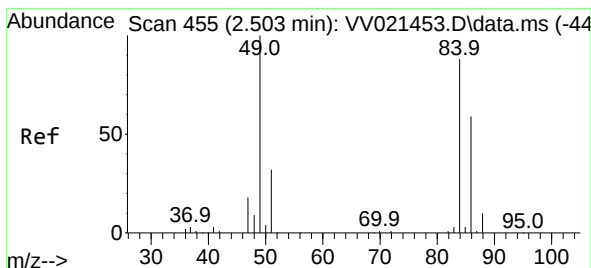
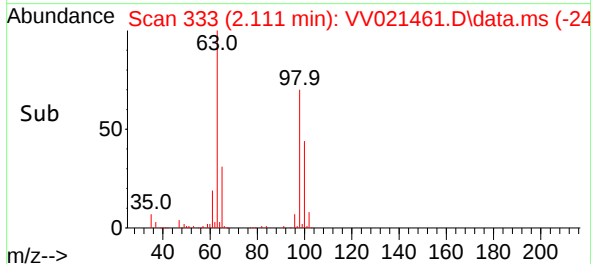
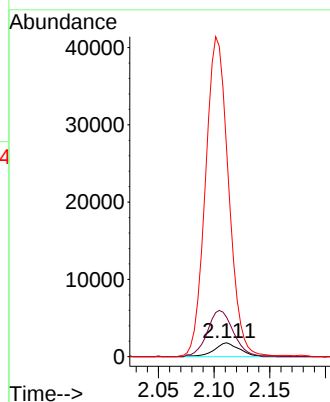
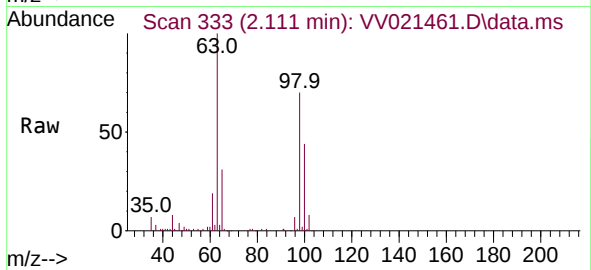




#12
1,1-Dichloroethene
Concen: 0.26 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

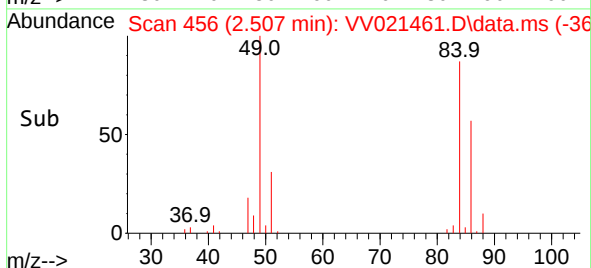
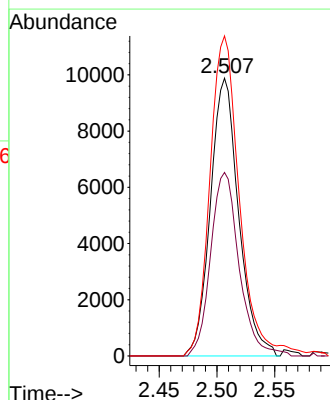
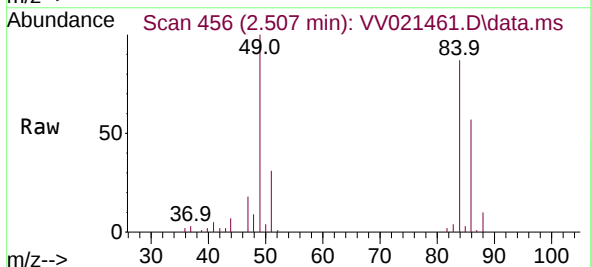
Instrument :
MSVOA_V
ClientSampled :

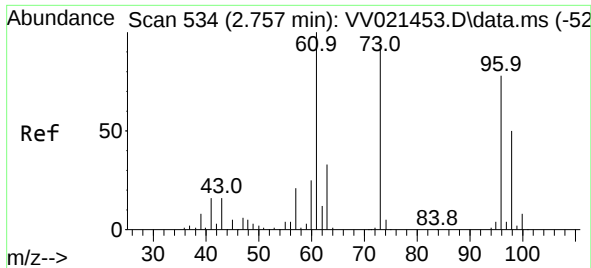
Tgt Ion: 96 Resp: 2923
Ion Ratio Lower Upper
96 100
61 286.0 103.7 192.5#
63 1512.7 62.4 115.8#



#16
Methylene chloride
Concen: 0.90 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 84 Resp: 16841
Ion Ratio Lower Upper
84 100
86 66.1 44.7 82.9
49 115.2 82.7 153.5

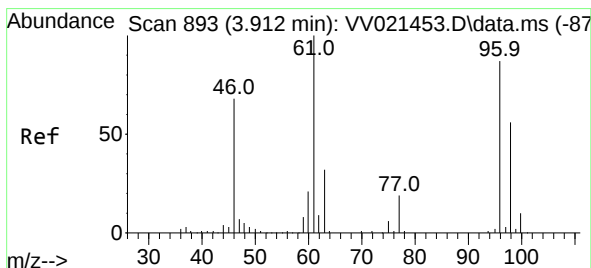
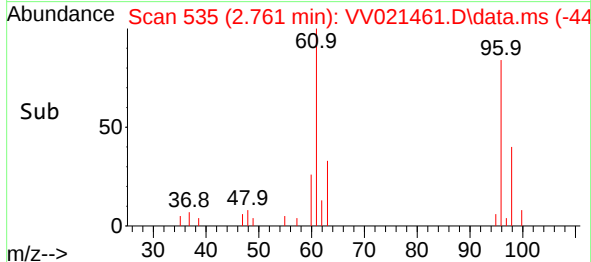
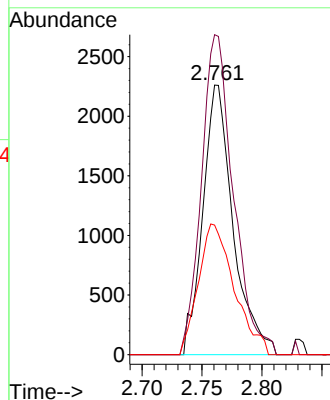
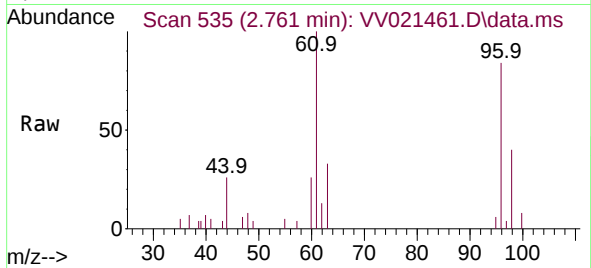




#18
trans-1,2-Dichloroethene
Concen: 0.28 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

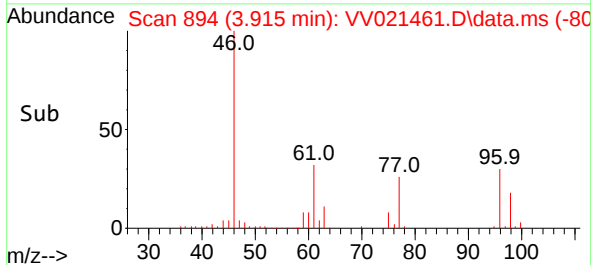
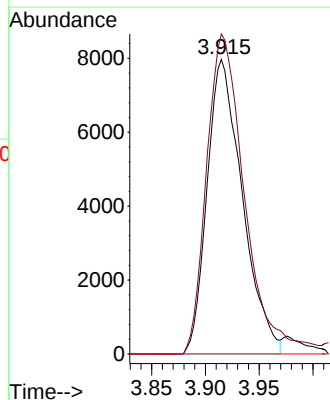
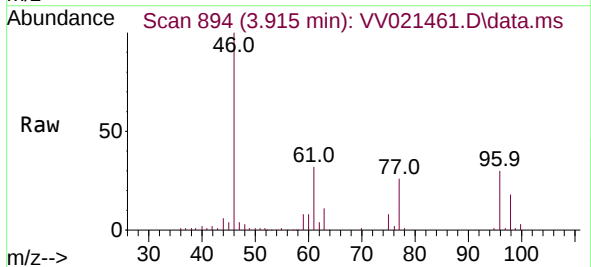
Instrument :
MSVOA_V
ClientSampled :

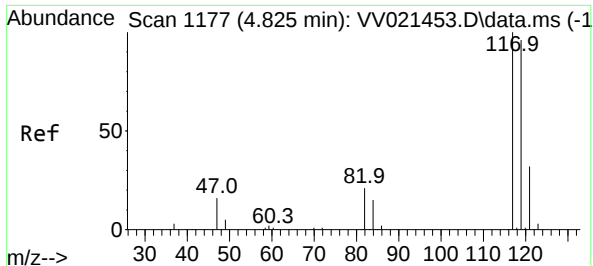
Tgt Ion: 96 Resp: 3977
Ion Ratio Lower Upper
96 100
61 118.7 88.7 164.7
98 48.1 44.4 82.4



#22
cis-1,2-Dichloroethene
Concen: 1.17 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 96 Resp: 18189
Ion Ratio Lower Upper
96 100
61 108.6 81.9 152.1
68 0.0 0.0 0.0

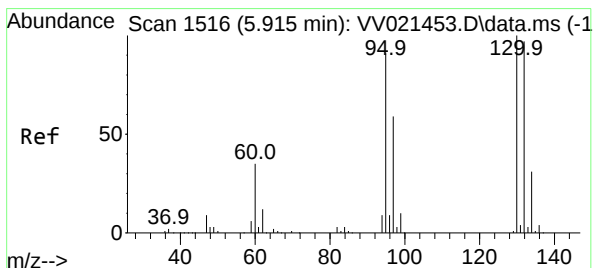
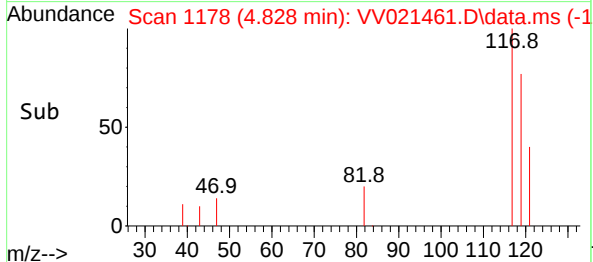
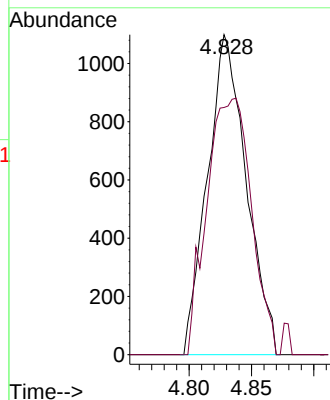
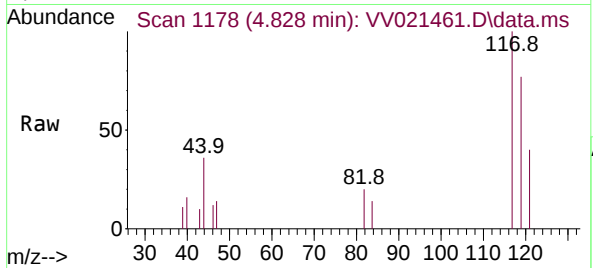




#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

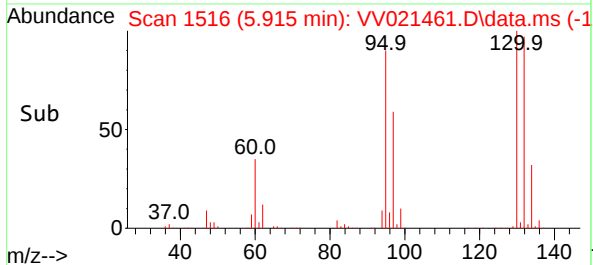
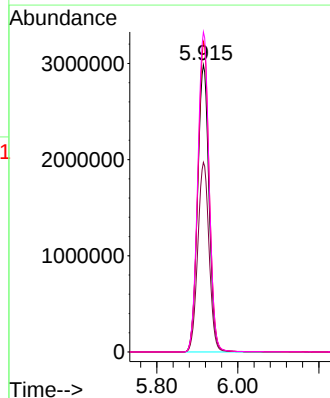
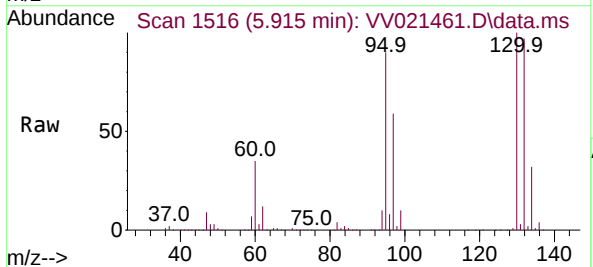
Instrument :
MSVOA_V
ClientSampled :

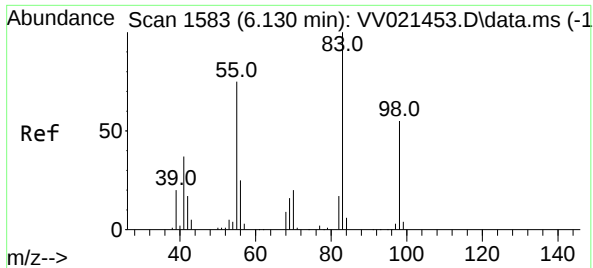
Tgt Ion:117 Resp: 2382
Ion Ratio Lower Upper
117 100
119 91.9 77.0 115.6



#34
Trichloroethene
Concen: 381.26 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 95 Resp: 5831143
Ion Ratio Lower Upper
95 100
97 66.1 45.4 84.4
132 108.1 74.5 138.3
130 111.5 77.7 144.3

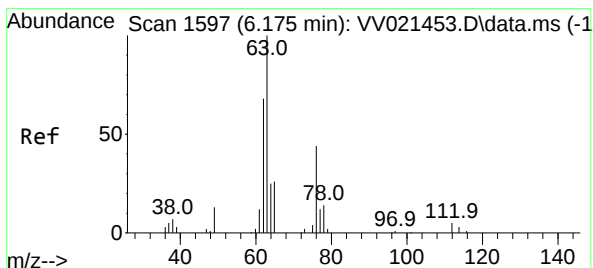
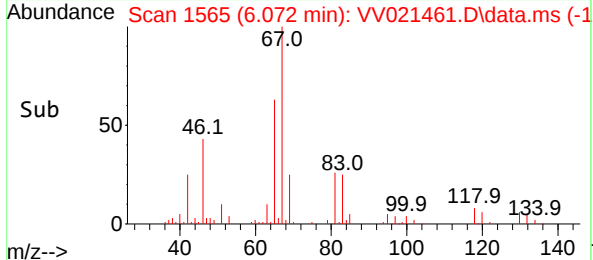
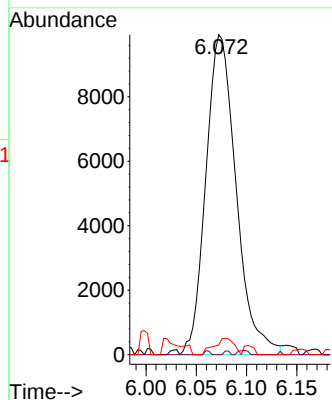
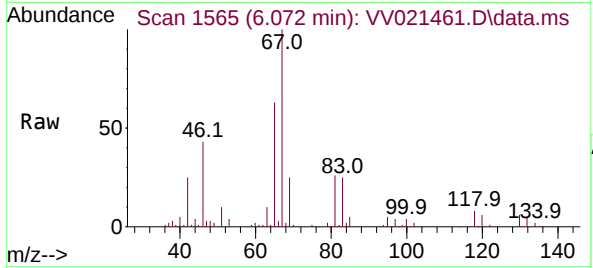




#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

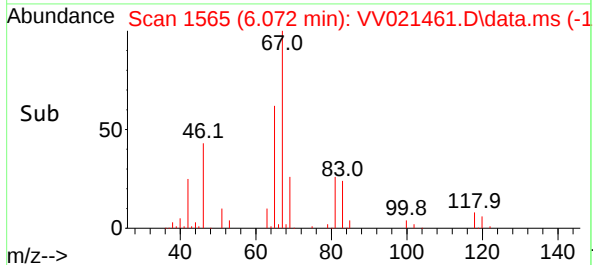
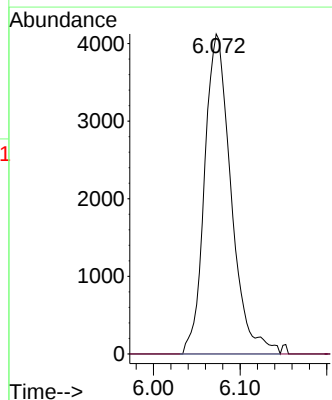
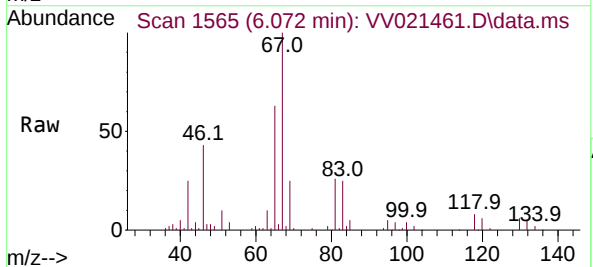
Instrument :
MSVOA_V
ClientSampled :

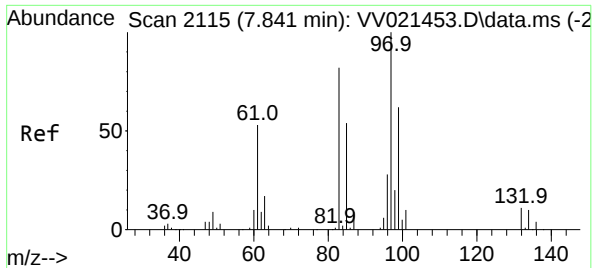
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.7	86.5#
98	0.0	40.6	61.0#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

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

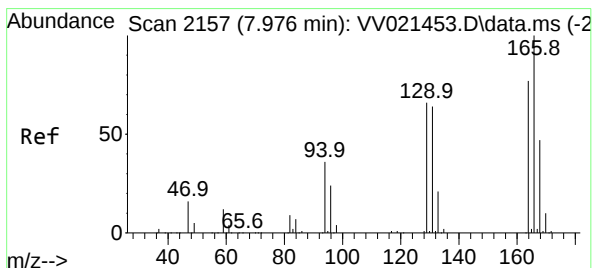
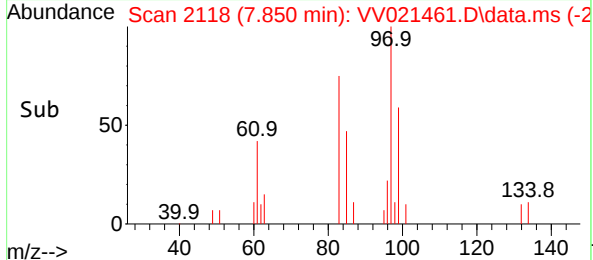
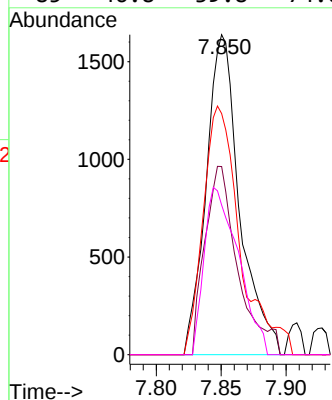
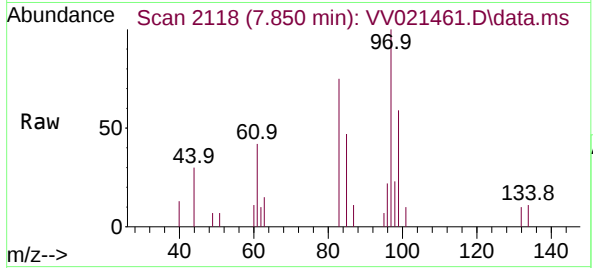




#45
1,1,2-Trichloroethane
Concen: 0.29 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

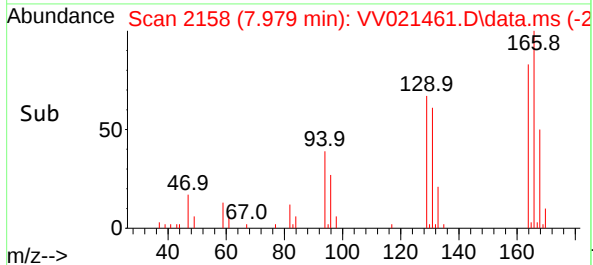
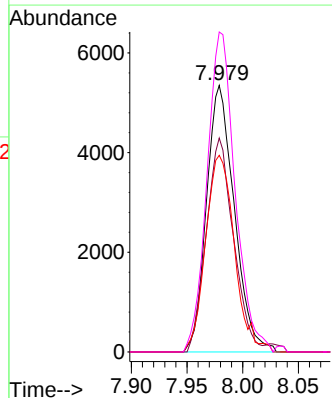
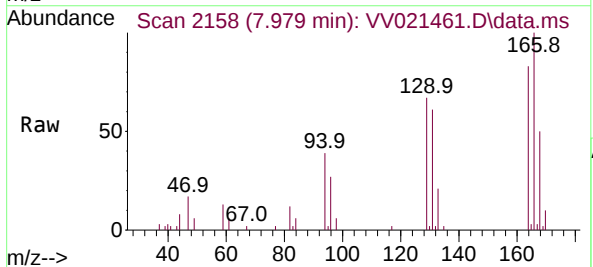
Instrument :
MSVOA_V
ClientSampled :

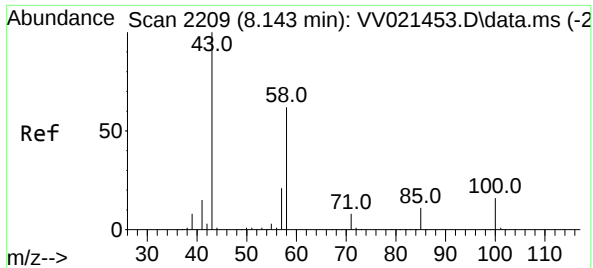
Tgt Ion:	97	Resp:	2943
Ion	Ratio	Lower	Upper
97	100		
99	58.8	44.0	81.8
83	75.3	59.0	109.6
85	46.8	39.8	74.0



#47
Tetrachloroethene
Concen: 0.67 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

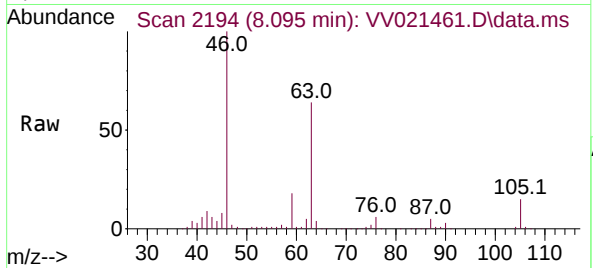
Tgt Ion:	164	Resp:	9291
Ion	Ratio	Lower	Upper
164	100		
129	80.2	61.8	114.8
131	73.8	57.8	107.4
166	120.0	87.4	162.4



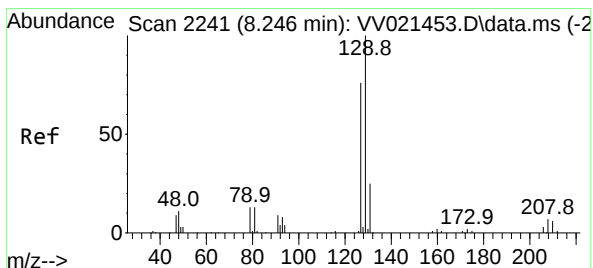
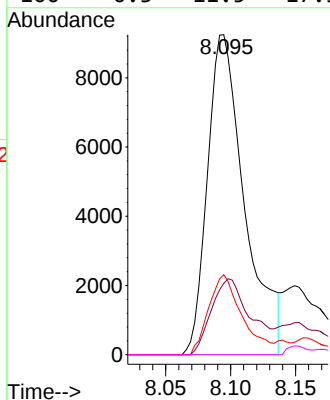
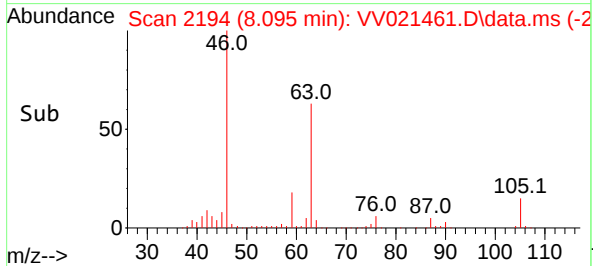


#48
2-Hexanone
Concen: 3.21 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

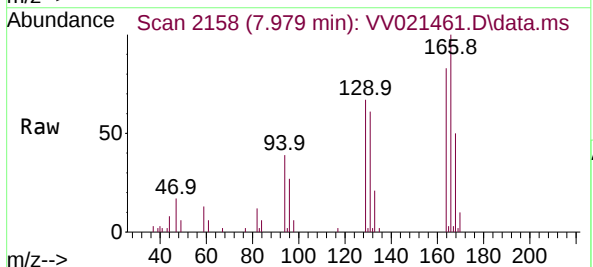
Instrument :
MSVOA_V
ClientSampled :



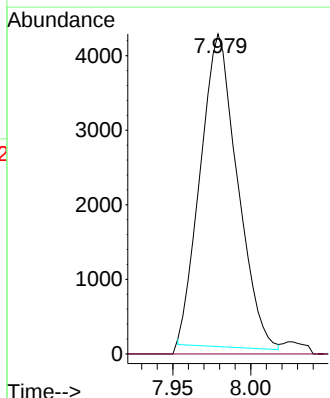
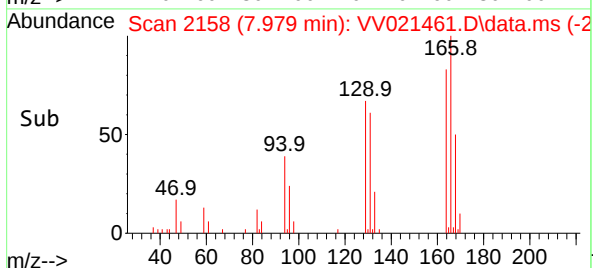
Tgt Ion:	43	Resp:	18425
Ion Ratio	100	Lower	Upper
58	25.5	47.0	70.4#
57	22.7	15.4	23.2
100	0.3	11.5	17.3#

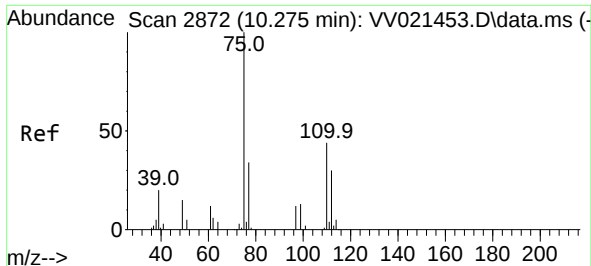


#49
Dibromochloromethane
Concen: 0.50 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36



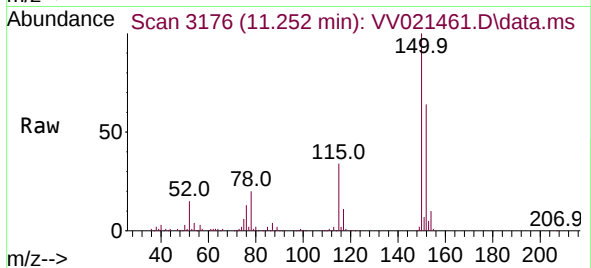
Tgt Ion:	129	Resp:	6909
Ion Ratio	100	Lower	Upper
127	0.0	55.4	103.0#



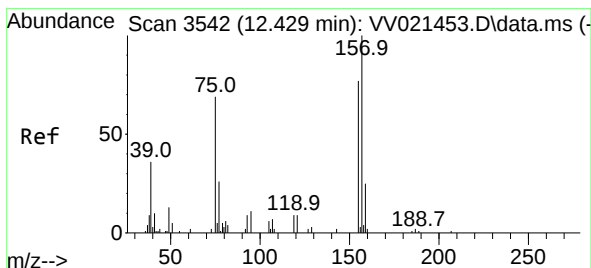
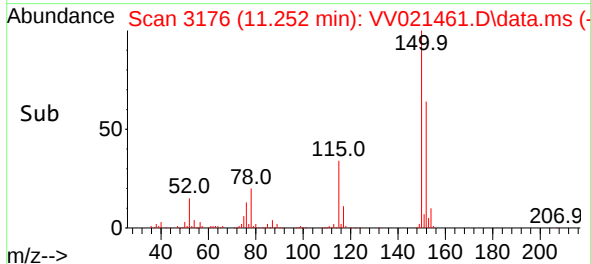
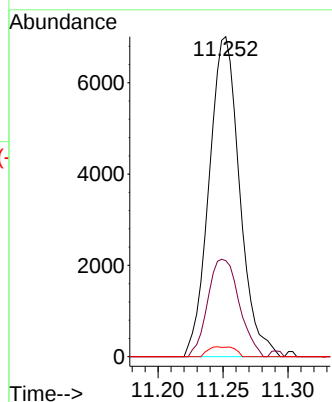


#61
1,2,3-Trichloropropane
Concen: 1.32 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 75 Resp: 11451
Ion Ratio Lower Upper
75 100
77 31.3 27.3 40.9
110 2.7 34.2 51.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.10 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 75 Resp: 222
Ion Ratio Lower Upper
75 100
155 0.0 87.2 130.8#
157 0.0 106.1 159.1#

