

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042721\
 Data File : VV021170.D
 Acq On : 27 Apr 2021 13:05
 Operator : SY/MD
 Sample : M2181-02 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

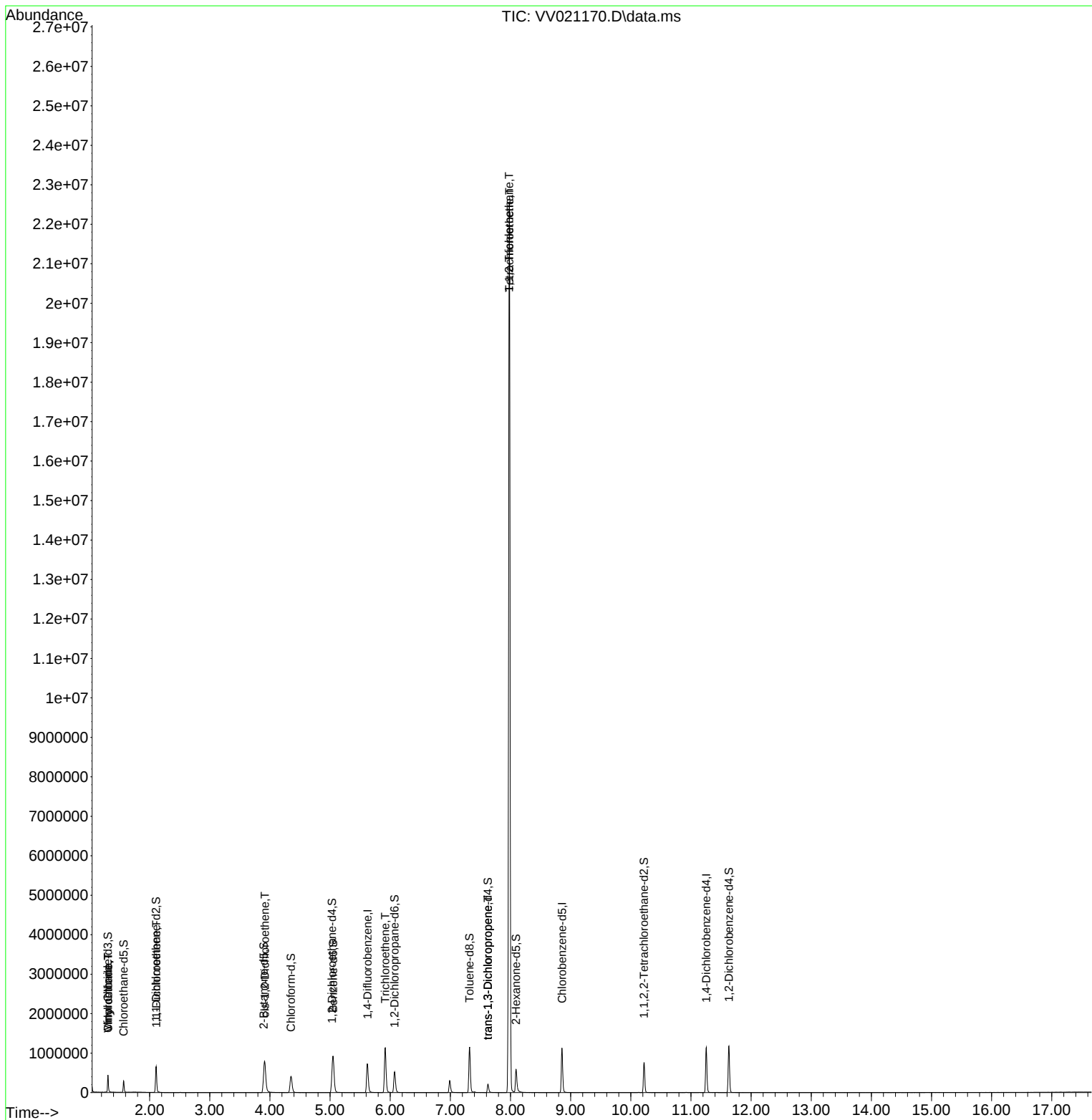
Quant Time: Apr 28 03:29:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 28 03:28:03 2021
 Response via : Initial Calibration

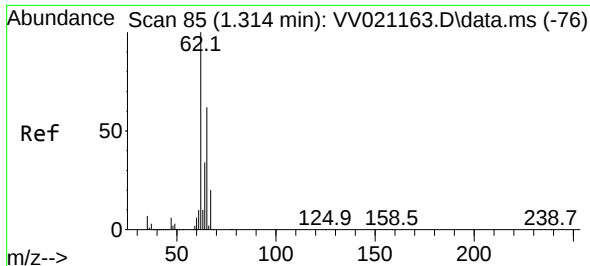
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	647069	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	631994	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	306718	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	234609	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.24%
7) Chloroethane-d5	1.568	69	176905	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.108	63	334616	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	3.895	46	265749	102.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.35%
24) Chloroform-d	4.352	84	430040	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.034	65	292793	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.053	84	785442	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
36) 1,2-Dichloropropane-d6	6.072	67	243355	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.88%
41) Toluene-d8	7.320	98	759059	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	7.625	79	126165	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.091	63	215690	108.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.24%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	335114	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
66) 1,2-Dichlorobenzene-d4	11.632	152	309100	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	42927	7.46	ug/L #	82
8) Chloroethane	1.310	64	18859	5.55	ug/L	89
12) 1,1-Dichloroethene	2.114	96	6221	1.35	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	393484	83.07	ug/L	100
34) Trichloroethene	5.918	95	390761	80.14	ug/L	96
44) trans-1,3-Dichloropropene	7.625	75	6283	0.86	ug/L	96
45) 1,1,2-Trichloroethane	7.979	97	42689	9.08	ug/L #	13
46) Tetrachloroethene	7.982	164	4932909	1131.11	ug/L	97

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

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QLast Update : Wed Apr 28 03:28:03 2021
Response via : Initial Calibration

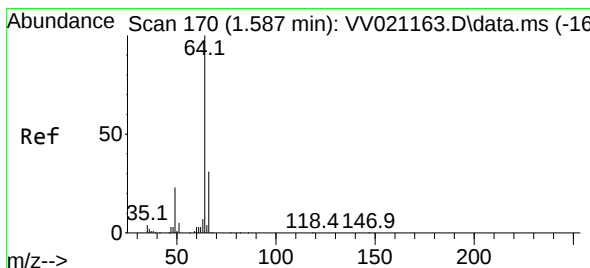
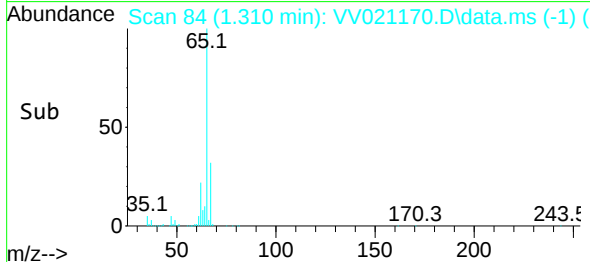
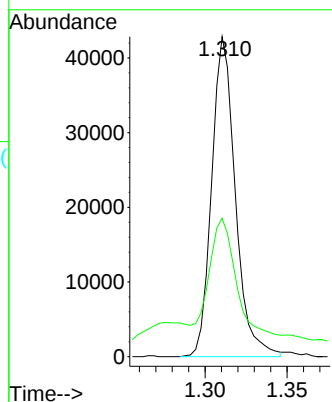
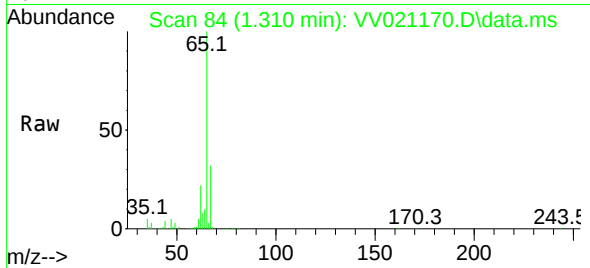




#5
 Vinyl chloride
 Concen: 7.46 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021170.D
 Acq: 27 Apr 2021 13:05

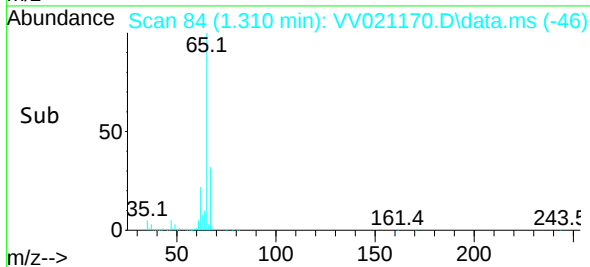
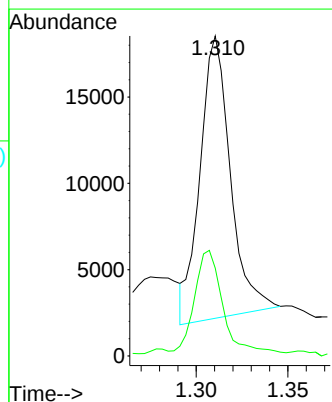
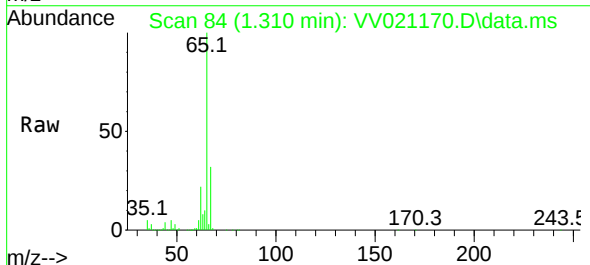
Instrument :
 MSVOA_V
 ClientSampled :

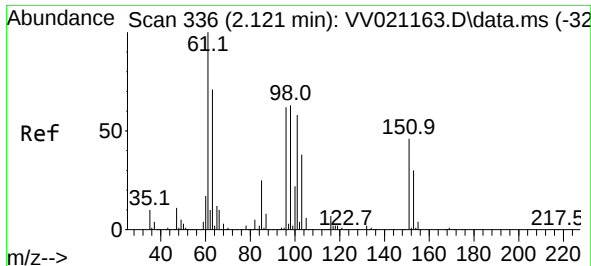
Tgt Ion: 62 Resp: 42927
 Ion Ratio Lower Upper
 62 100
 64 43.3 23.2 43.2#



#8
 Chloroethane
 Concen: 5.55 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.277 min
 Lab File: VV021170.D
 Acq: 27 Apr 2021 13:05

Tgt Ion: 64 Resp: 18859
 Ion Ratio Lower Upper
 64 100
 66 27.5 23.7 43.9

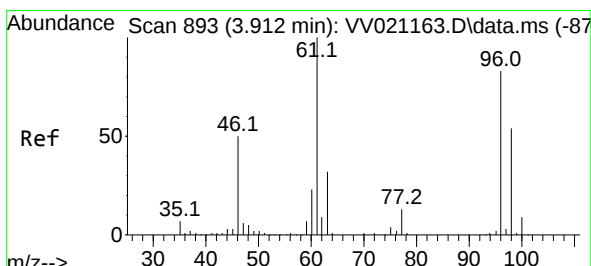
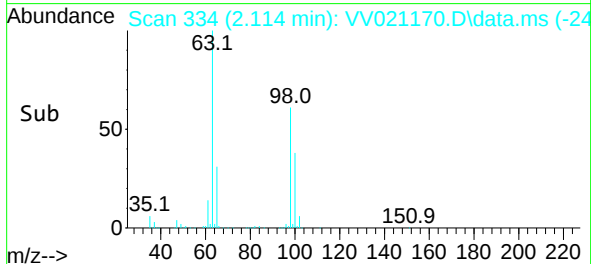
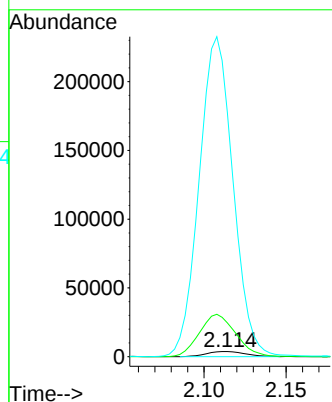
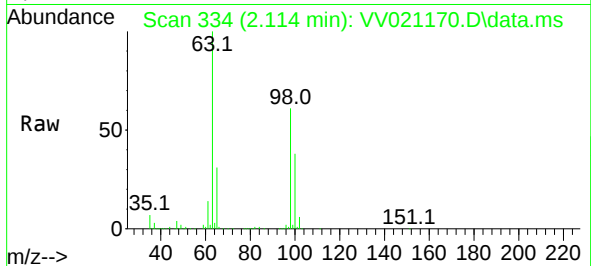




#12
1,1-Dichloroethene
Concen: 1.35 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.007 min
Lab File: VV021170.D
Acq: 27 Apr 2021 13:05

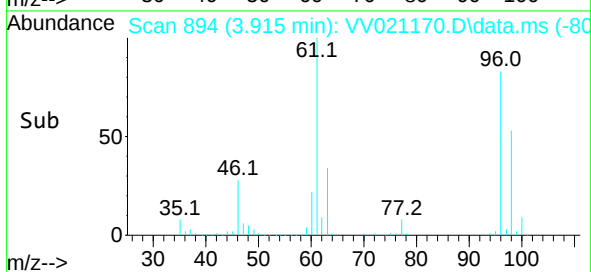
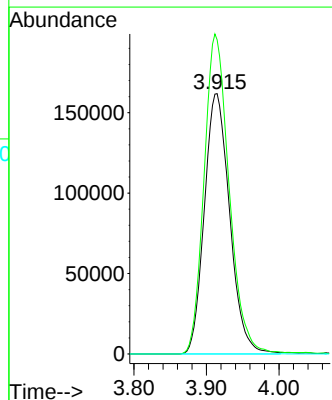
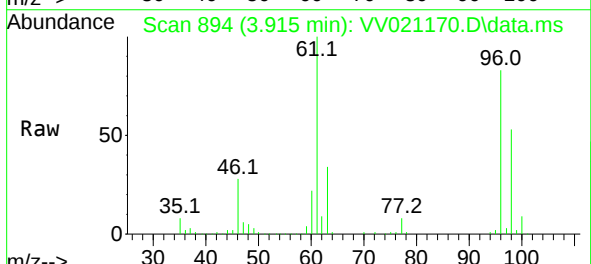
Instrument :
MSVOA_V
ClientSampled :

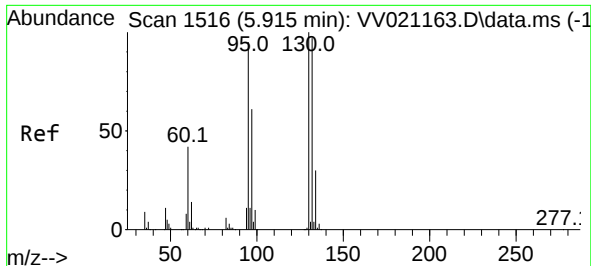
Tgt Ion: 96 Resp: 6221
Ion Ratio Lower Upper
96 100
61 651.7 121.4 225.6#
63 4707.4 98.1 182.1#



#20
cis-1,2-Dichloroethene
Concen: 83.07 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021170.D
Acq: 27 Apr 2021 13:05

Tgt Ion: 96 Resp: 393484
Ion Ratio Lower Upper
96 100
61 120.6 84.4 156.7
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 80.14 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV021170.D

Acq: 27 Apr 2021 13:05

Tgt Ion: 95 Resp: 390761

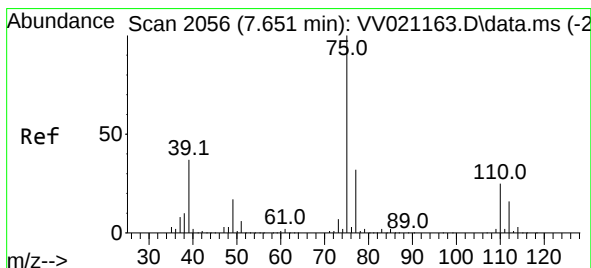
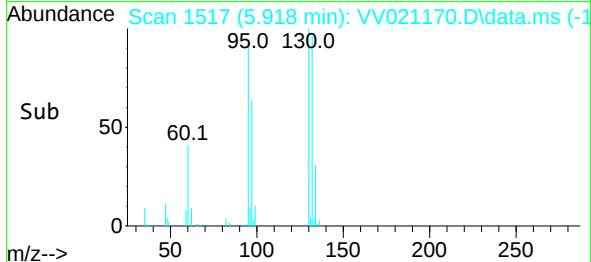
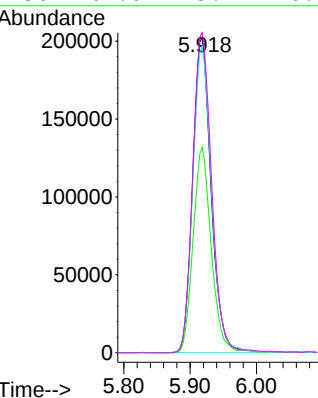
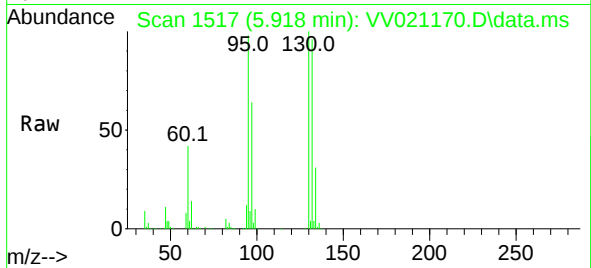
Ion Ratio Lower Upper

95 100

97 65.3 45.5 84.5

132 97.3 71.0 131.8

130 101.6 75.7 140.7



#44

trans-1,3-Dichloropropene

Concen: 0.86 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV021170.D

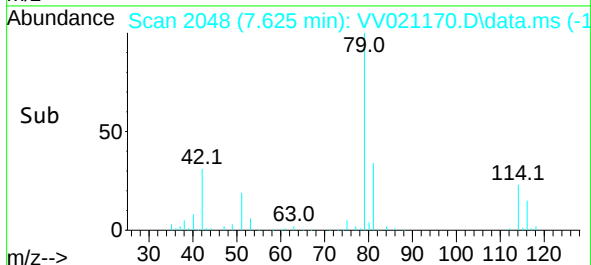
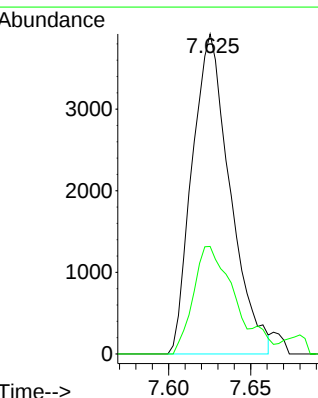
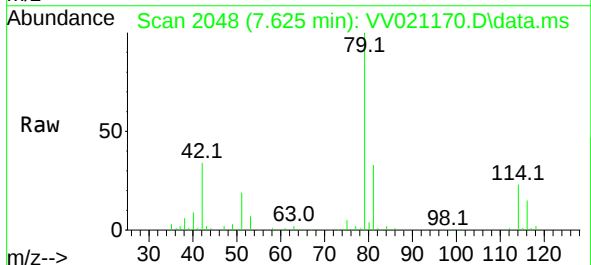
Acq: 27 Apr 2021 13:05

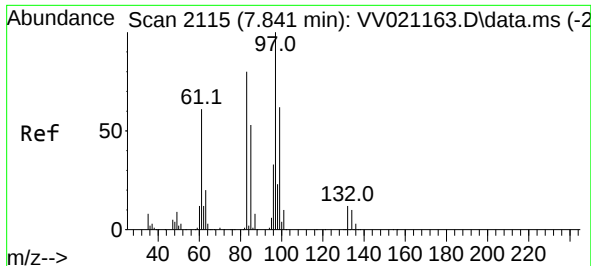
Tgt Ion: 75 Resp: 6283

Ion Ratio Lower Upper

75 100

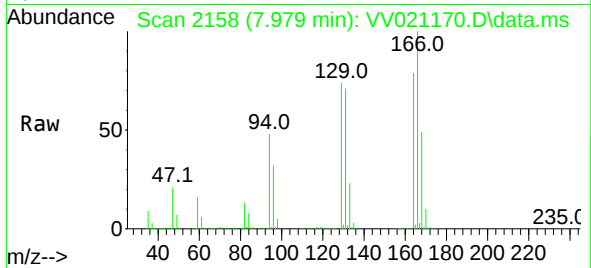
77 33.6 21.8 40.6



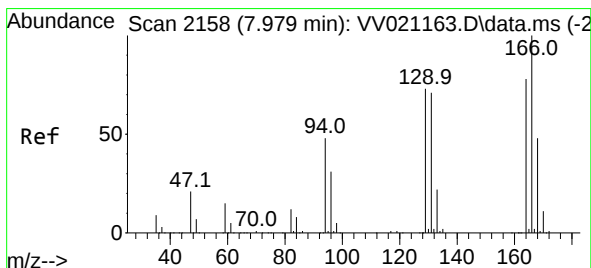
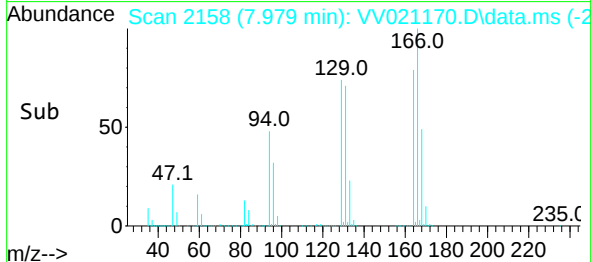
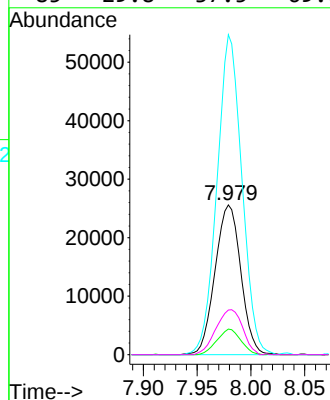


#45
1,1,2-Trichloroethane
Concen: 9.08 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.138 min
Lab File: VV021170.D
Acq: 27 Apr 2021 13:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 42689
Ion Ratio Lower Upper
97 100
99 17.1 43.7 81.1#
83 213.8 59.6 110.6#
85 29.8 37.5 69.6#



#46
Tetrachloroethene
Concen: 1131.11 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021170.D
Acq: 27 Apr 2021 13:05

Tgt Ion:164 Resp: 4932909
Ion Ratio Lower Upper
164 100
129 93.1 63.8 118.4
131 89.8 59.3 110.1
166 127.3 87.7 162.9

