

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020088.D
 Acq On : 20 Jan 2021 20:07
 Operator : SY/MD
 Sample : M1181-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E21

Quant Time: Jan 20 23:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

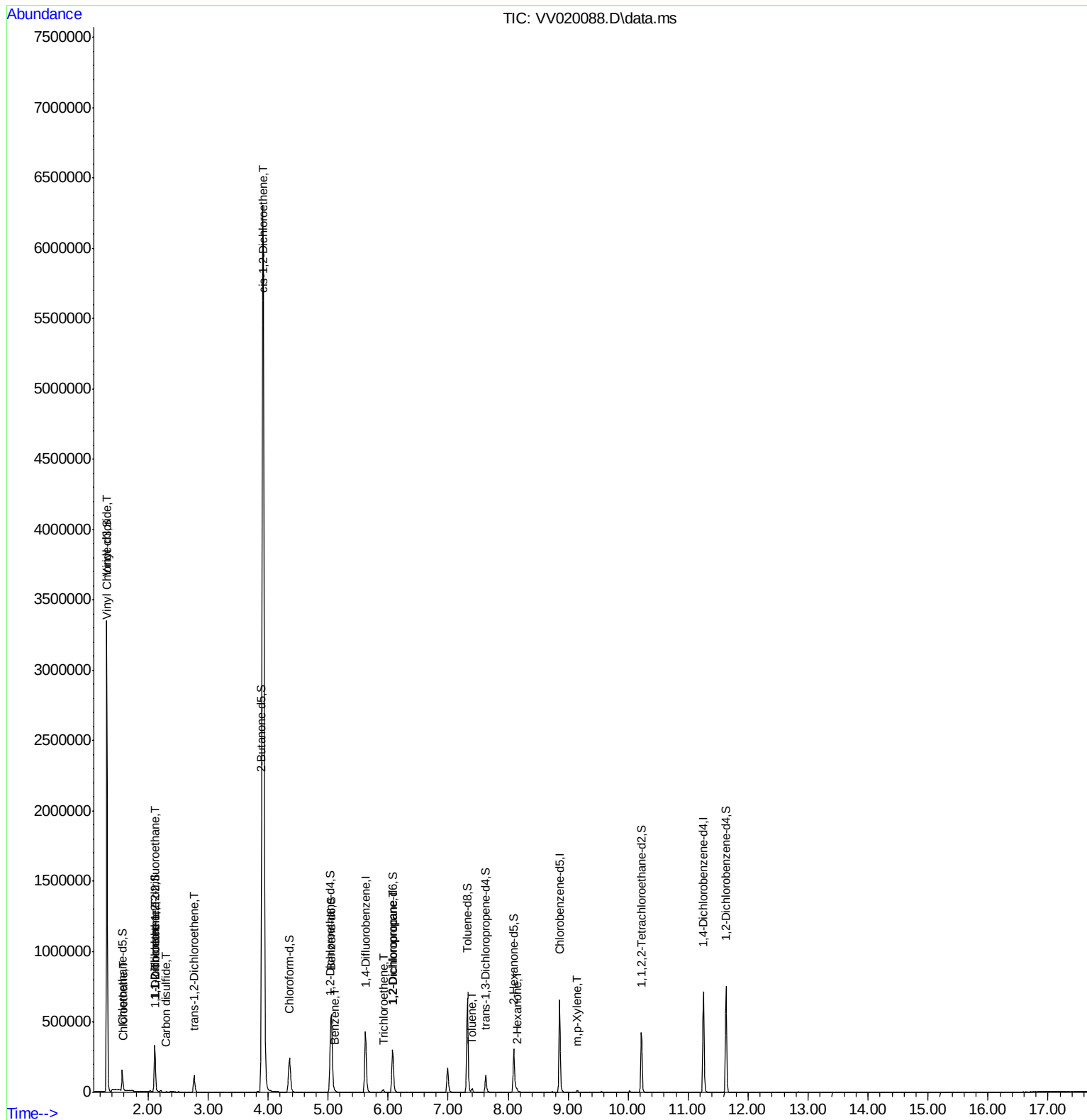
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	368616	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	358525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	184018	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	129690	56.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	112.16%		
7) Chloroethane-d5	1.569	69	87540	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.22%		
11) 1,1-Dichloroethene-d2	2.110	63	172057	37.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.50%		
21) 2-Butanone-d5	3.891	46	160523	99.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.61%		
24) Chloroform-d	4.354	84	243855	47.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.44%		
26) 1,2-Dichloroethane-d4	5.035	65	167214	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.72%		
32) Benzene-d6	5.055	84	470514	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.26%		
36) 1,2-Dichloropropane-d6	6.074	67	140964	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.76%		
41) Toluene-d8	7.322	98	438032	49.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.18%		
43) trans-1,3-Dichloroprop...	7.624	79	69113	44.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.14%		
47) 2-Hexanone-d5	8.093	63	98804	86.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.37%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	190790	48.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.94%		
64) 1,2-Dichlorobenzene-d4	11.630	152	191975	53.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.60%		
Target Compounds						
5) Vinyl chloride	1.312	62	1899545	763.64	ug/L	100
8) Chloroethane	1.585	64	13504	9.19	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1818	0.82	ug/L #	24
12) 1,1-Dichloroethene	2.116	96	4471	2.16	ug/L #	1
14) Carbon disulfide	2.302	76	5969	0.89	ug/L	95
17) trans-1,2-Dichloroethene	2.765	96	45283	18.30	ug/L	88
20) cis-1,2-Dichloroethene	3.913	96	3535208	1336.51	ug/L	89
33) Benzene	5.109	78	8526	0.87	ug/L	100
34) Trichloroethene	5.923	95	2261	0.77	ug/L	93
37) 1,2-Dichloropropane	6.077	63	16840	7.04	ug/L #	88
42) Toluene	7.395	91	18401	1.72	ug/L	98
48) 2-Hexanone	8.148	43	9373	3.61	ug/L #	82
53) m,p-Xylene	9.148	106	3589	0.76	ug/L	95

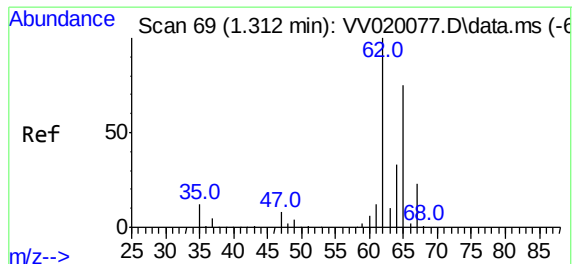
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 23:43:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
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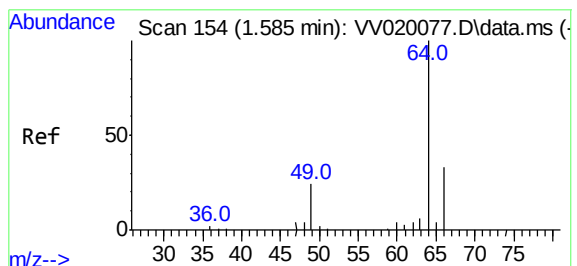
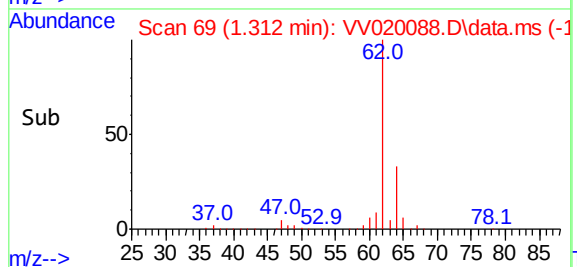
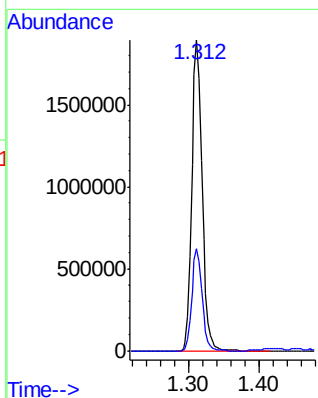
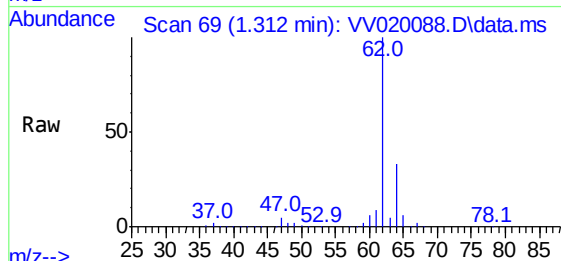


#5
 Vinyl chloride
 Concen: 763.64 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020088.D
 Acq: 20 Jan 2021 20:07

Instrument :
 MSVOA_V
 ClientSampled :
 F1E21

Tgt Ion: 62 Resp: 1899545

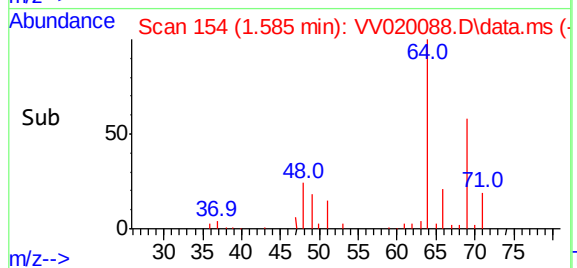
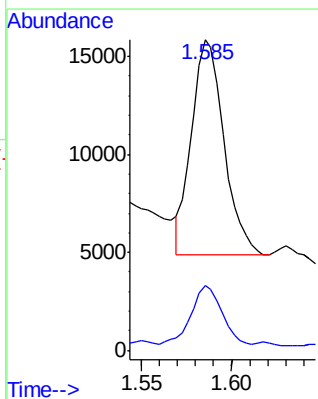
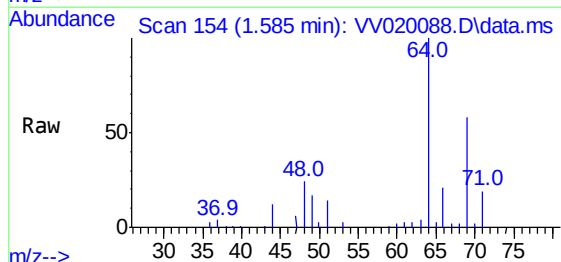
Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.0	42.6

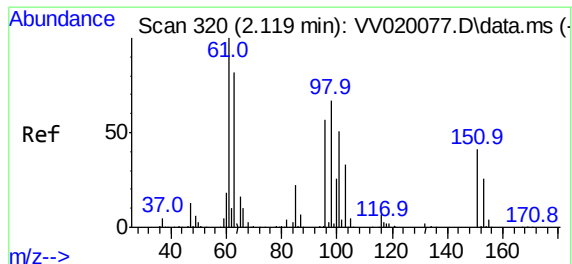


#8
 Chloroethane
 Concen: 9.19 ug/L
 RT: 1.585 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV020088.D
 Acq: 20 Jan 2021 20:07

Tgt Ion: 64 Resp: 13504

Ion	Ratio	Lower	Upper
64	100		
66	21.0	22.4	41.6

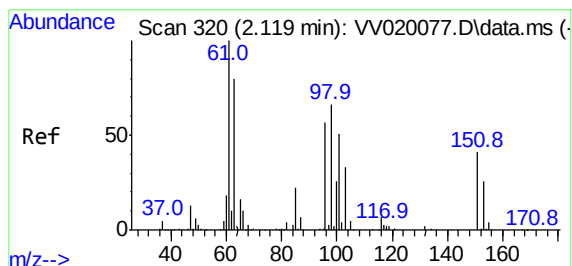
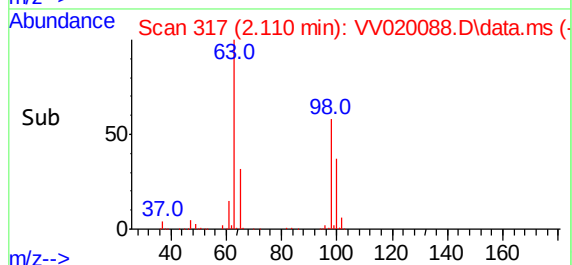
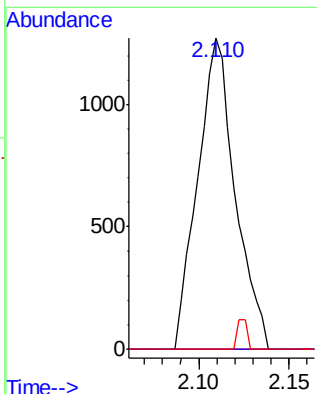
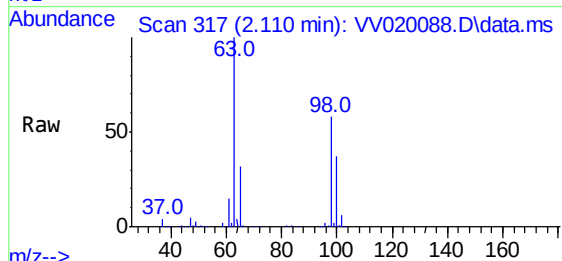




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.82 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020088.D
 Acq: 20 Jan 2021 20:07

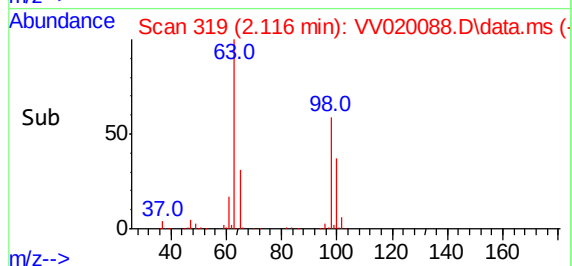
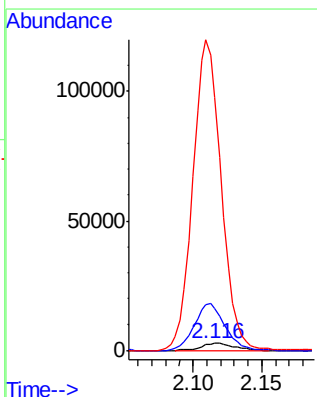
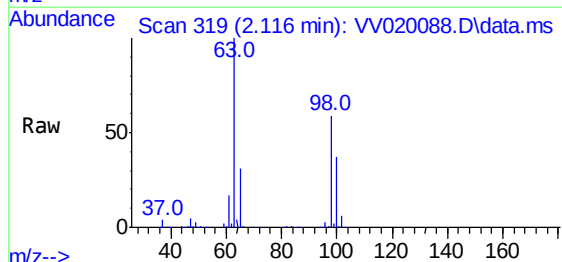
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E21

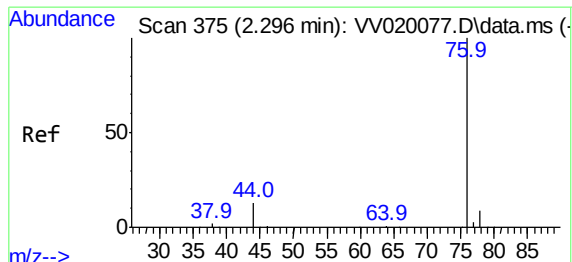
Tgt Ion:101 Resp: 1818
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 2.5 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 2.16 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV020088.D
 Acq: 20 Jan 2021 20:07

Tgt Ion: 96 Resp: 4471
 Ion Ratio Lower Upper
 96 100
 61 622.5 134.9 250.5#
 63 3736.6 117.6 218.4#

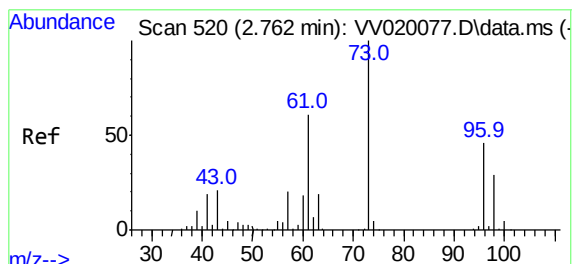
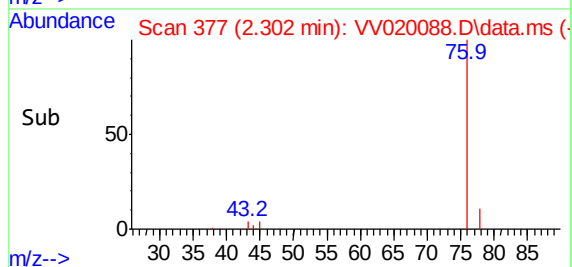
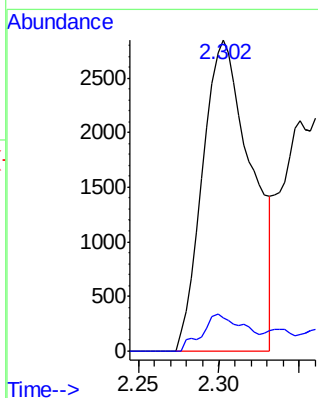
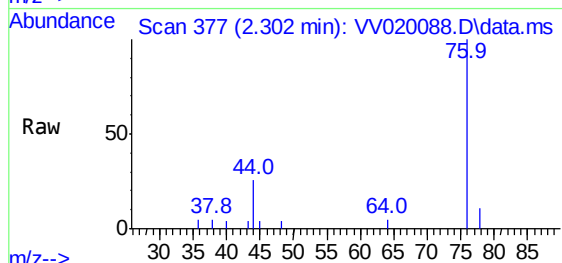




#14
Carbon disulfide
Concen: 0.89 ug/L
RT: 2.302 min Scan# 377
Delta R.T. 0.006 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

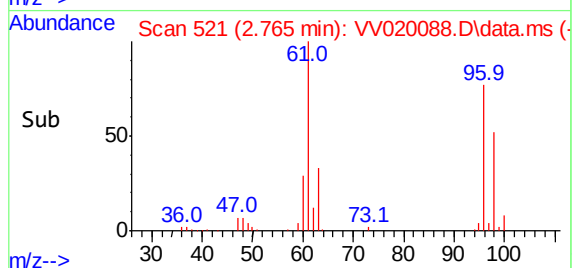
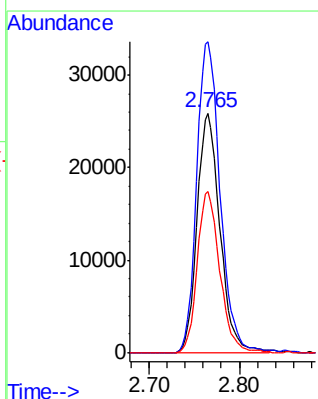
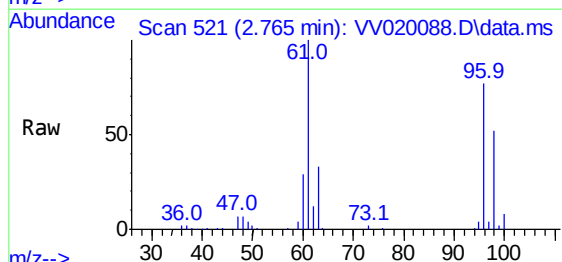
Instrument :
MSVOA_V
ClientSampleId :
F1E21

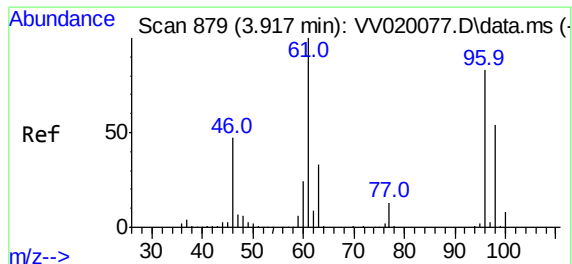
Tgt Ion: 76 Resp: 5969
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



#17
trans-1,2-Dichloroethene
Concen: 18.30 ug/L
RT: 2.765 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

Tgt Ion: 96 Resp: 45283
Ion Ratio Lower Upper
96 100
61 129.9 103.1 191.5
98 67.1 43.1 80.1

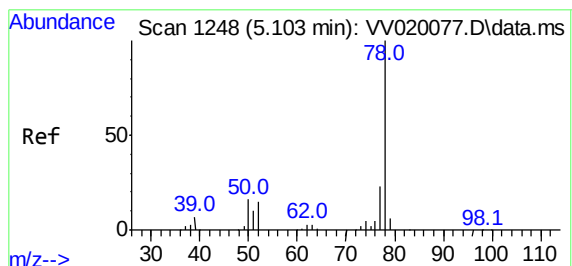
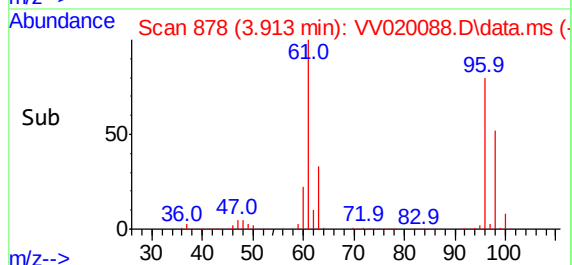
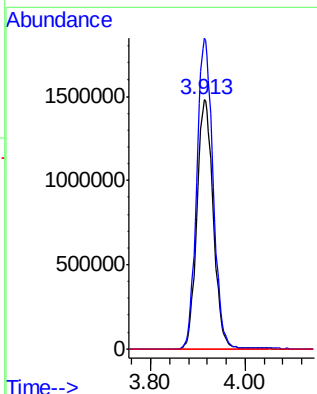
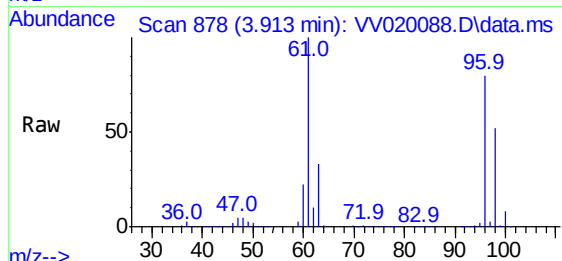




#20
cis-1,2-Dichloroethene
Concen: 1336.51 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

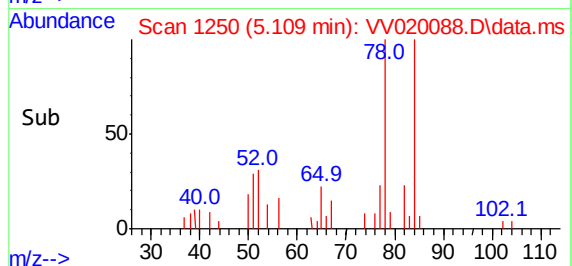
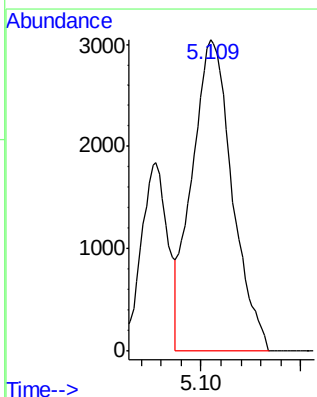
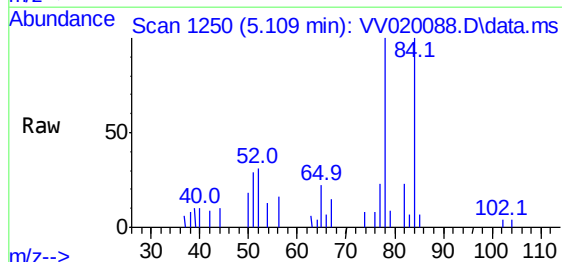
Instrument :
MSVOA_V
ClientSampled :
F1E21

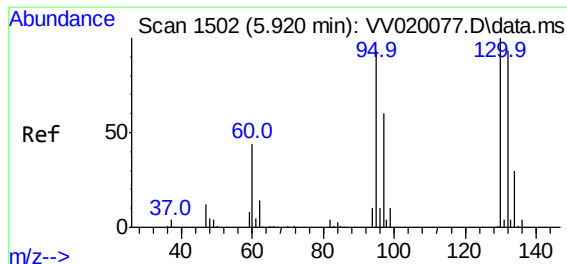
Tgt Ion: 96 Resp: 3535208
Ion Ratio Lower Upper
96 100
61 124.9 96.9 179.9
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.87 ug/L
RT: 5.109 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

Tgt Ion: 78 Resp: 8526



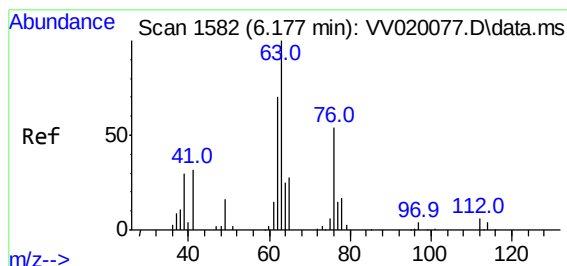
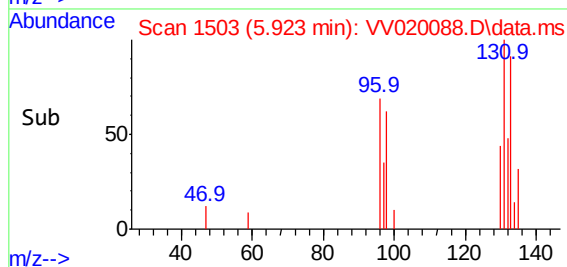
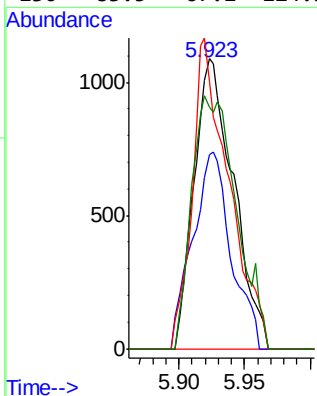
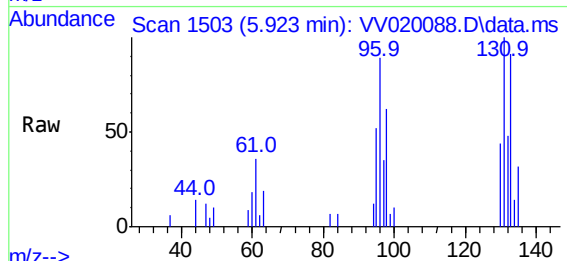


#34
Trichloroethene
Concen: 0.77 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

Instrument :
MSVOA_V
ClientSampleId :
F1E21

Tgt Ion: 95 Resp: 2261

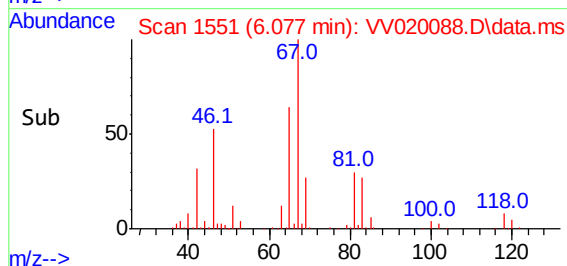
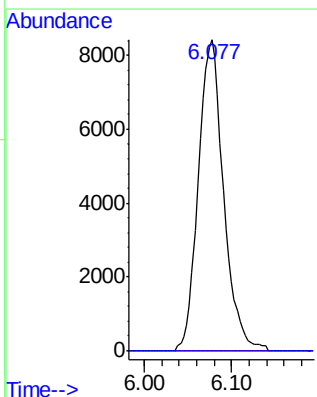
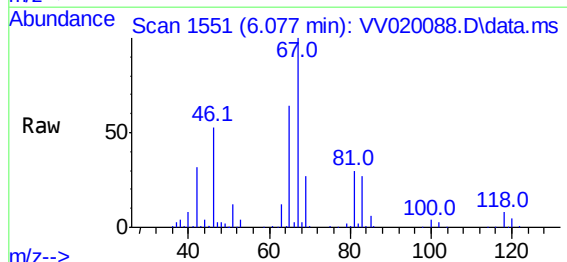
Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.5	82.7
132	92.4	63.4	117.8
130	83.5	67.1	124.5

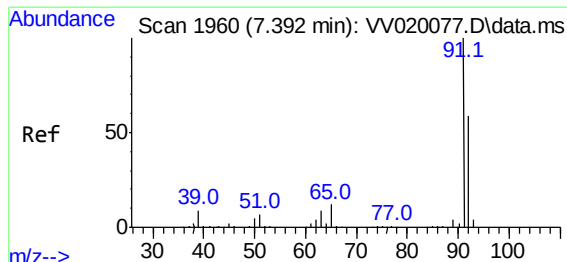


#37
1,2-Dichloropropane
Concen: 7.04 ug/L
RT: 6.077 min Scan# 1551
Delta R.T. -0.100 min
Lab File: VV020088.D
Acq: 20 Jan 2021 20:07

Tgt Ion: 63 Resp: 16840

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#42

Toluene

Concen: 1.72 ug/L

RT: 7.395 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VV020088.D

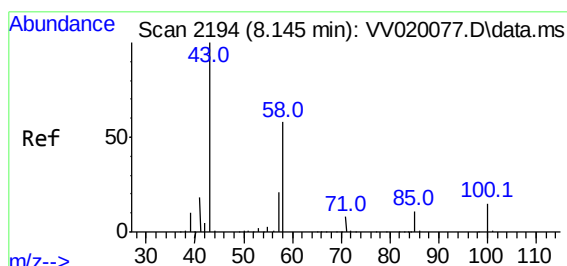
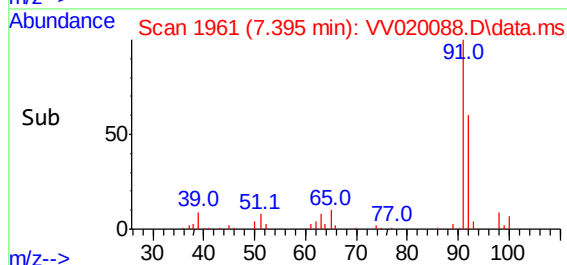
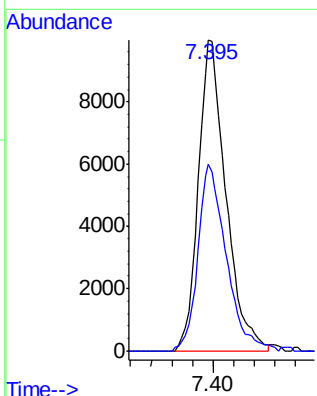
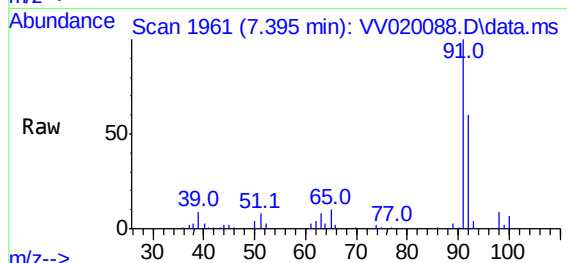
Acq: 20 Jan 2021 20:07

Tgt Ion: 91 Resp: 18401

Ion Ratio Lower Upper

91 100

92 59.9 40.7 75.7



#48

2-Hexanone

Concen: 3.61 ug/L

RT: 8.148 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VV020088.D

Acq: 20 Jan 2021 20:07

Tgt Ion: 43 Resp: 9373

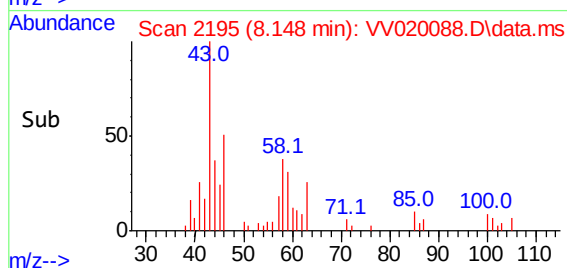
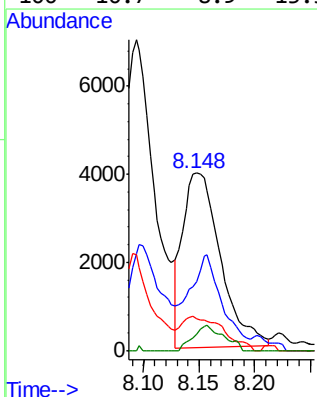
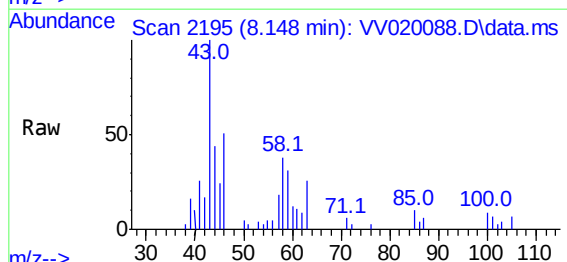
Ion Ratio Lower Upper

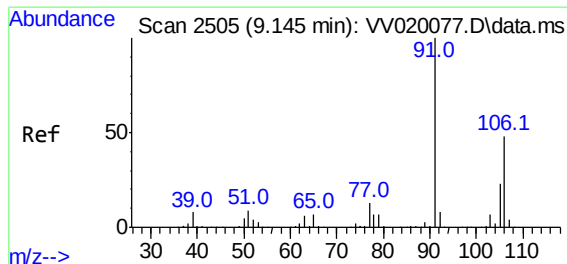
43 100

58 40.7 41.8 62.6#

57 3.1 15.0 22.4#

100 10.7 8.9 13.3





#53
 m,p-Xylene
 Concen: 0.76 ug/L
 RT: 9.148 min Scan# 2506
 Delta R.T. 0.003 min
 Lab File: VV020088.D
 Acq: 20 Jan 2021 20:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E21

Tgt Ion:106 Resp: 3589
 Ion Ratio Lower Upper
 106 100
 91 203.6 148.1 275.0

