

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020115.D
 Acq On : 21 Jan 2021 19:40
 Operator : SY/MD
 Sample : M1181-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22

Quant Time: Jan 22 06:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

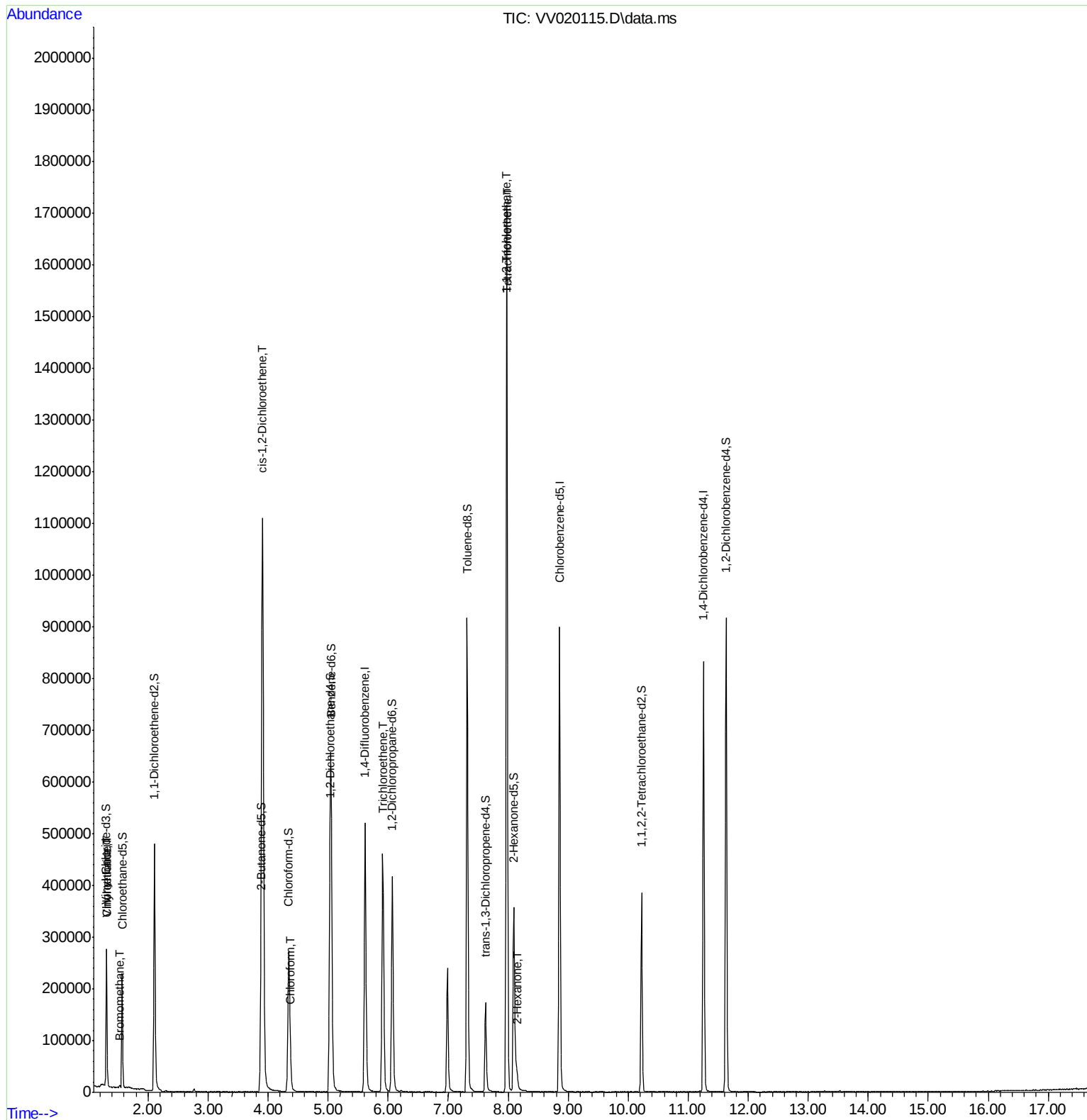
Internal Standards						
1) 1,4-Difluorobenzene	5.614	114	421148	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	464373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	191217	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	157528	50.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.86%			
7) Chloroethane-d5	1.566	69	137938	52.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.52%			
11) 1,1-Dichloroethene-d2	2.103	63	259750	41.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.26%			
21) 2-Butanone-d5	3.878	46	191357	89.33	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.33%			
24) Chloroform-d	4.344	84	266699	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.16%			
26) 1,2-Dichloroethane-d4	5.029	65	205108	50.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.16%			
32) Benzene-d6	5.048	84	542286	42.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.82%			
36) 1,2-Dichloropropane-d6	6.068	67	188534	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.40%			
41) Toluene-d8	7.315	98	582139	48.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.86%			
43) trans-1,3-Dichloroprop...	7.621	79	91265	46.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.40%			
47) 2-Hexanone-d5	8.090	63	105845	63.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 63.07%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	170201	30.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 61.60%#			
64) 1,2-Dichlorobenzene-d4	11.630	152	219580	61.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.22%#			
Target Compounds						
5) Vinyl chloride	1.309	62	18839	5.16	ug/L #	81
6) Bromomethane	1.524	94	2774	1.21	ug/L	100
8) Chloroethane	1.309	64	8269	3.54	ug/L	89
20) cis-1,2-Dichloroethene	3.904	96	566143	185.79	ug/L	99
25) Chloroform	4.373	83	16089	2.83	ug/L	95
34) Trichloroethene	5.913	95	149756	37.96	ug/L	96
45) 1,1,2-Trichloroethane	7.974	97	3753	1.04	ug/L #	13
46) Tetrachloroethene	7.977	164	365029	123.94	ug/L	97
48) 2-Hexanone	8.145	43	22350	5.28	ug/L #	88

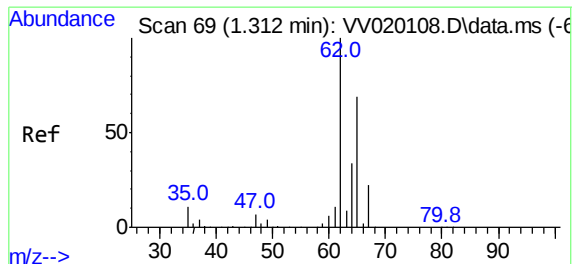
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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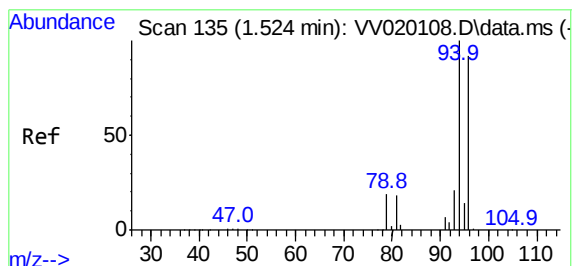
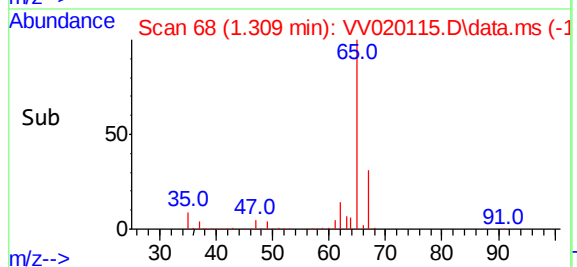
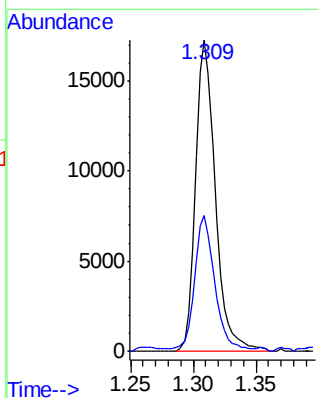
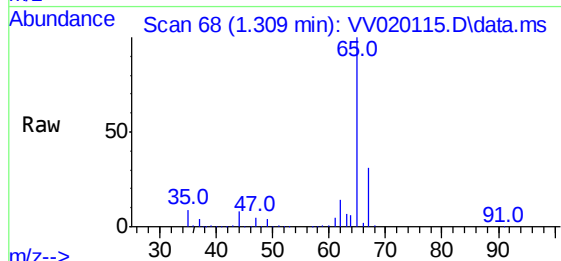


#5
 Vinyl chloride
 Concen: 5.16 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. -0.003 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

Instrument :
 MSVOA_V
 ClientSampled :
 F1E22

Tgt Ion: 62 Resp: 18839

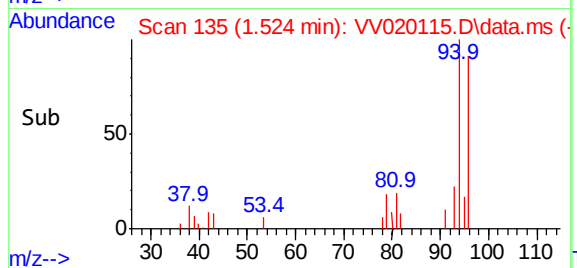
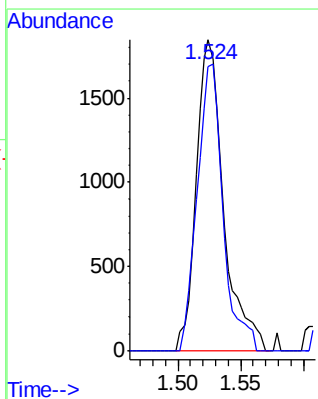
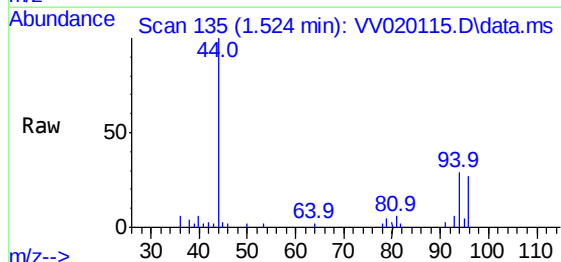
Ion	Ratio	Lower	Upper
62	100		
64	43.6	23.0	42.6#

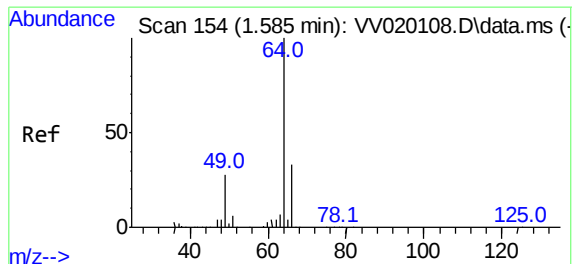


#6
 Bromomethane
 Concen: 1.21 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

Tgt Ion: 94 Resp: 2774

Ion	Ratio	Lower	Upper
94	100		
96	91.2	63.6	118.2

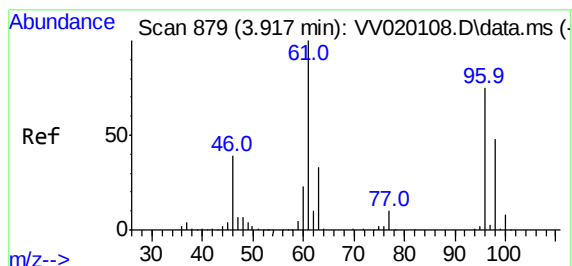
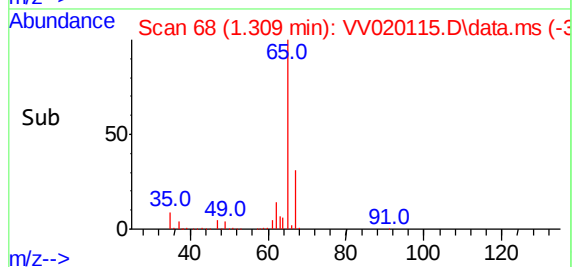
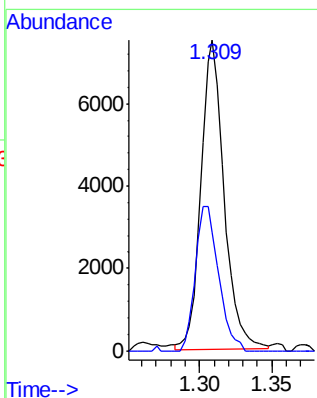
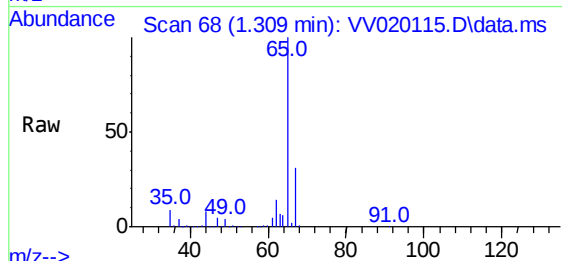




#8
Chloroethane
Concen: 3.54 ug/L
RT: 1.309 min Scan# 68
Delta R.T. -0.277 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

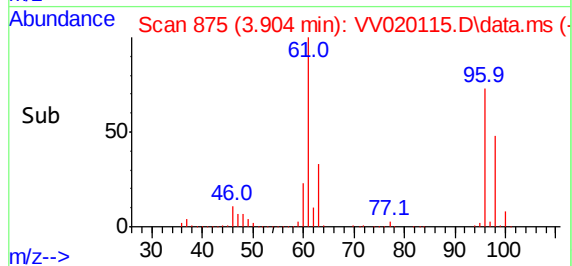
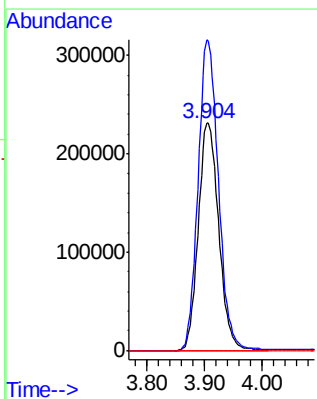
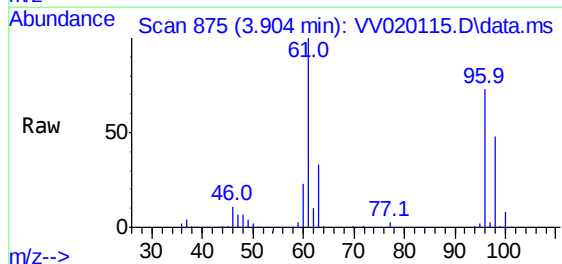
Instrument :
MSVOA_V
ClientSampled :
F1E22

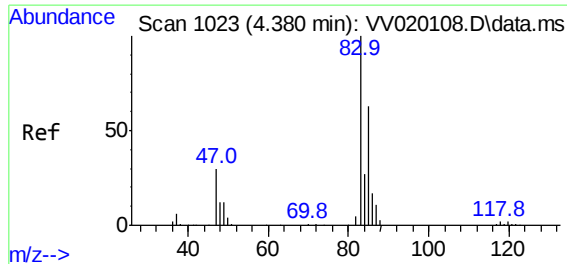
Tgt Ion: 64 Resp: 8269
Ion Ratio Lower Upper
64 100
66 38.3 22.4 41.6



#20
cis-1,2-Dichloroethene
Concen: 185.79 ug/L
RT: 3.904 min Scan# 875
Delta R.T. -0.013 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

Tgt Ion: 96 Resp: 566143
Ion Ratio Lower Upper
96 100
61 136.8 96.9 179.9
68 0.0 0.0 0.0

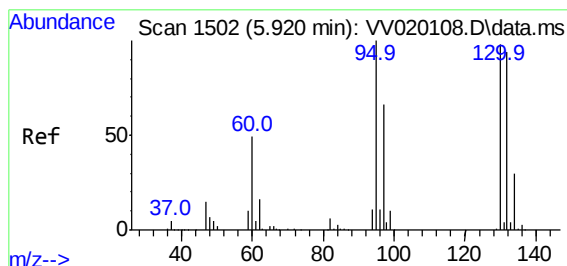
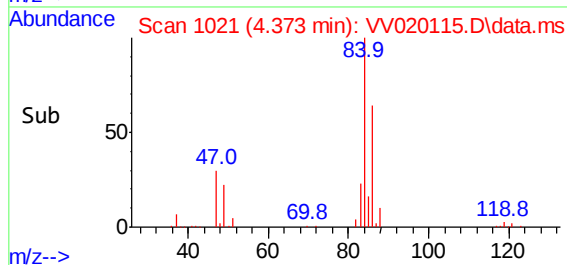
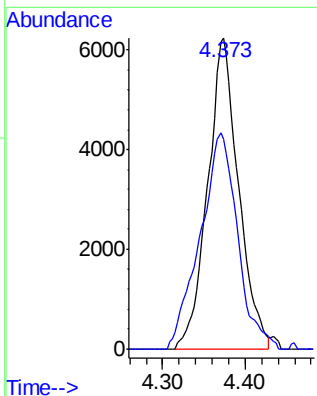
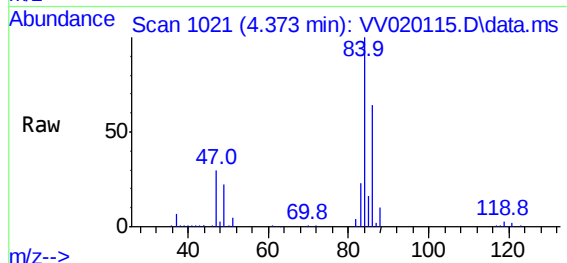




#25
Chloroform
Concen: 2.83 ug/L
RT: 4.373 min Scan# 1021
Delta R.T. -0.007 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

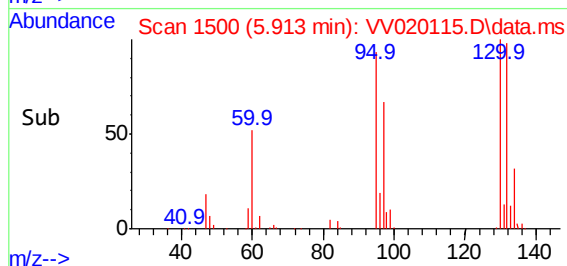
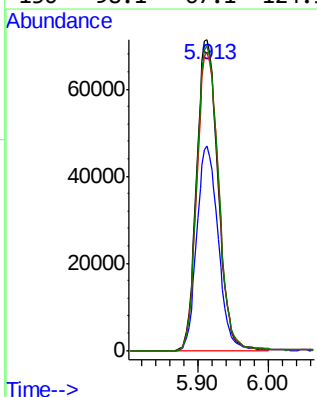
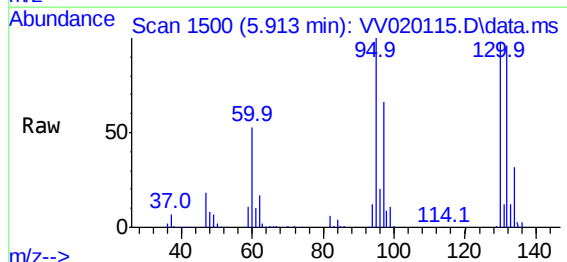
Instrument :
MSVOA_V
ClientSampleId :
F1E22

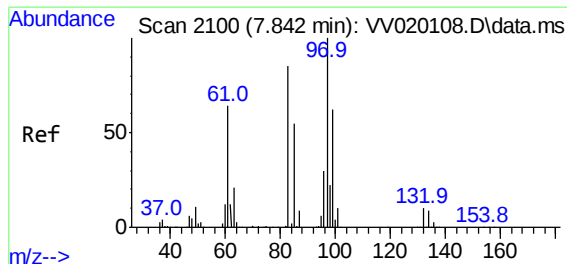
Tgt Ion: 83 Resp: 16089
Ion Ratio Lower Upper
83 100
85 67.4 44.2 82.2



#34
Trichloroethene
Concen: 37.96 ug/L
RT: 5.913 min Scan# 1500
Delta R.T. -0.007 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

Tgt Ion: 95 Resp: 149756
Ion Ratio Lower Upper
95 100
97 65.6 44.5 82.7
132 96.0 63.4 117.8
130 98.1 67.1 124.5



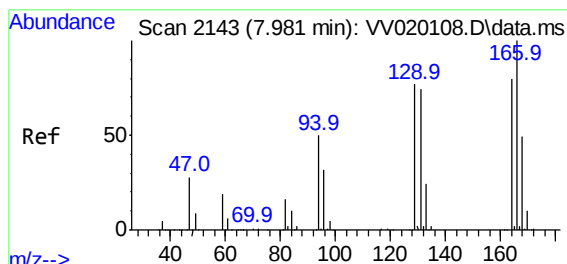
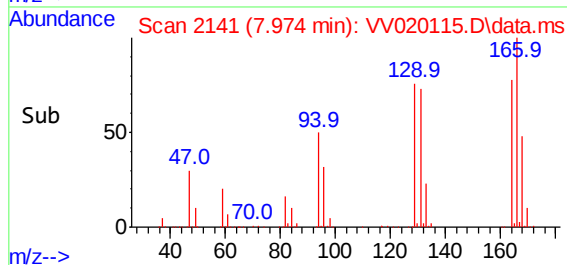
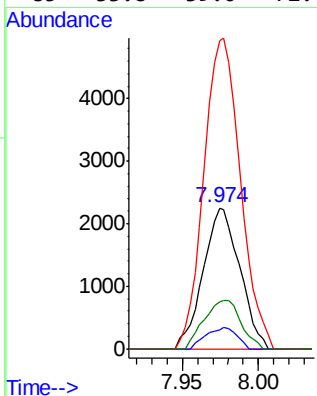
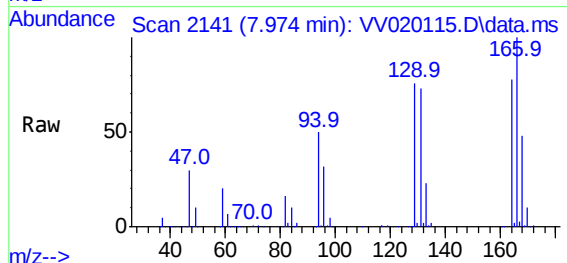


#45
1,1,2-Trichloroethane
Concen: 1.04 ug/L
RT: 7.974 min Scan# 2141
Delta R.T. 0.132 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

Instrument :
MSVOA_V
ClientSampleId :
F1E22

Tgt Ion: 97 Resp: 3753

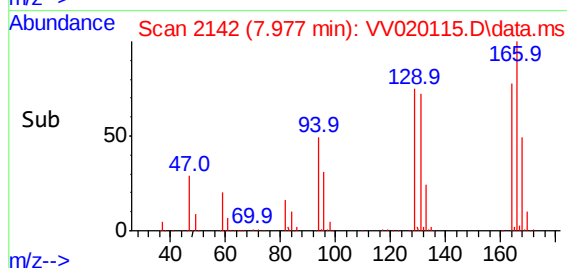
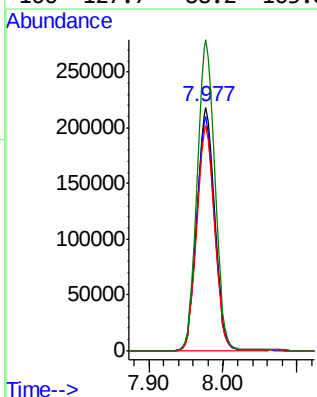
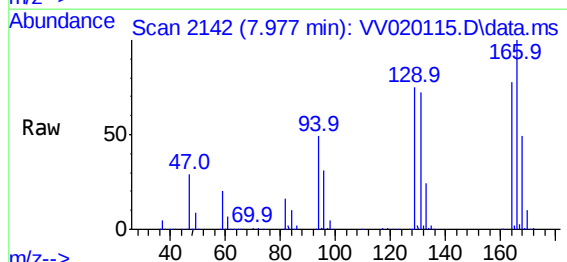
Ion	Ratio	Lower	Upper
97	100		
99	13.8	43.8	81.3#
83	219.3	62.2	115.4#
85	33.8	39.0	72.4#

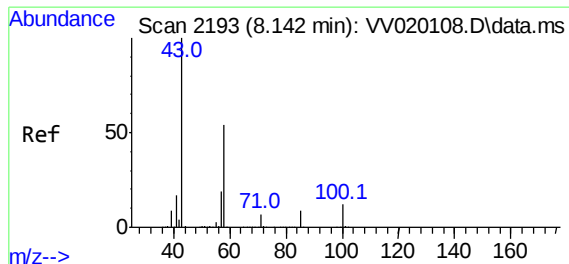


#46
Tetrachloroethene
Concen: 123.94 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

Tgt Ion: 164 Resp: 365029

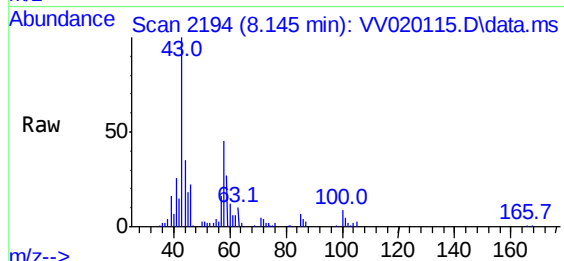
Ion	Ratio	Lower	Upper
164	100		
129	95.9	70.6	131.0
131	92.4	66.8	124.0
166	127.7	88.2	163.8





#48
 2-Hexanone
 Concen: 5.28 ug/L
 RT: 8.145 min Scan# 2194
 Delta R.T. 0.003 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22



Tgt Ion: 43 Resp: 22350

Ion	Ratio	Lower	Upper
43	100		
58	41.2	41.8	62.6#
57	17.4	15.0	22.4
100	8.4	8.9	13.3#

