Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015754.D
Acq On : 28 Apr 2020 18:26
Operator : SY/MD
Sample : L2421-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 29 00:45:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129463	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27027	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.58	69	27677	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.13	63	76345	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.20%			
20) 2-Butanone-d5	3.92	46	120169	55.32	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.64%			
24) Chloroform-d	4.38	84	74711	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.06	65	43564	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.08	84	137346	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.10	67	45388	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.34	98	123646	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.64	79	14854	4.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%			
46) 2-Hexanone-d5	8.11	63	80243	44.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.46%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34891	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	48151	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	338188	33.007	ug/L	99
8) Chloroethane	1.46	64	7404	1.100	ug/L #	53
12) 1,1-Dichloroethene	2.13	96	55943	7.424	ug/L	90
13) Acetone	2.20	43	2372	1.572	ug/L	93
14) Carbon disulfide	2.31	76	1066	0.050	ug/L #	66
17) Methyl tert-butyl Ether	2.79	73	52950	2.503	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	12972	1.538	ug/L	97
19) 1,1-Dichloroethane	3.21	63	521948	31.507	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	10030933	1075.320	ug/L #	97
25) Chloroform	4.41	83	3442	0.196	ug/L	93
29) 1,1,1-Trichloroethane	4.64	97	709341	44.843	ug/L	99
31) Carbon tetrachloride	4.64	117	84333	6.438	ug/L	97
34) Trichloroethene	5.95	95	13460708	1367.719	ug/L	97
35) Methylcyclohexane	6.10	83	11059	0.732	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5669	0.626	ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	855	0.081	ug/L #	42
47) Tetrachloroethene	8.00	164	4071	0.574	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015754.D
Acq On : 28 Apr 2020 18:26
Operator : SY/MD
Sample : L2421-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 29 00:45:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.17	43	4692	1.119	ug/L	#	83
49) Dibromochloromethane	8.00	129	3720	0.582	ug/L	#	12
63) 1,4-Dichlorobenzene	11.30	146	1737	0.093	ug/L		89
65) 1,2-Dichlorobenzene	11.67	146	2185	0.130	ug/L	#	92
68) 1,2,4-trichlorobenzene	13.29	180	1204	0.095	ug/L		96
69) Naphthalene	13.53	128	3110	0.138	ug/L	#	92
70) 1,2,3-Trichlorobenzene	13.77	180	1090	0.098	ug/L		98

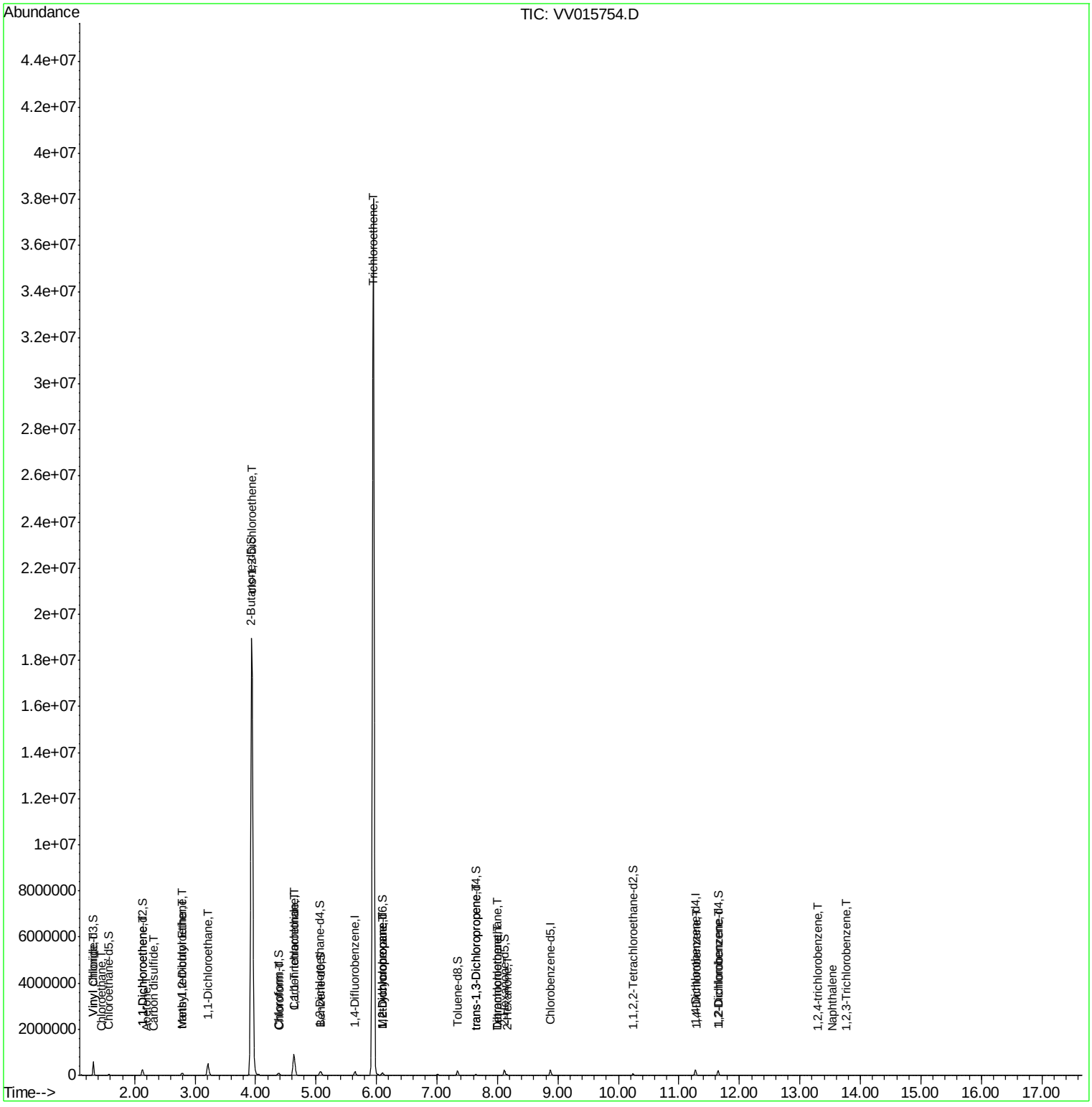
(#) = qualifier out of range (m) = manual integration (+) = signals summed

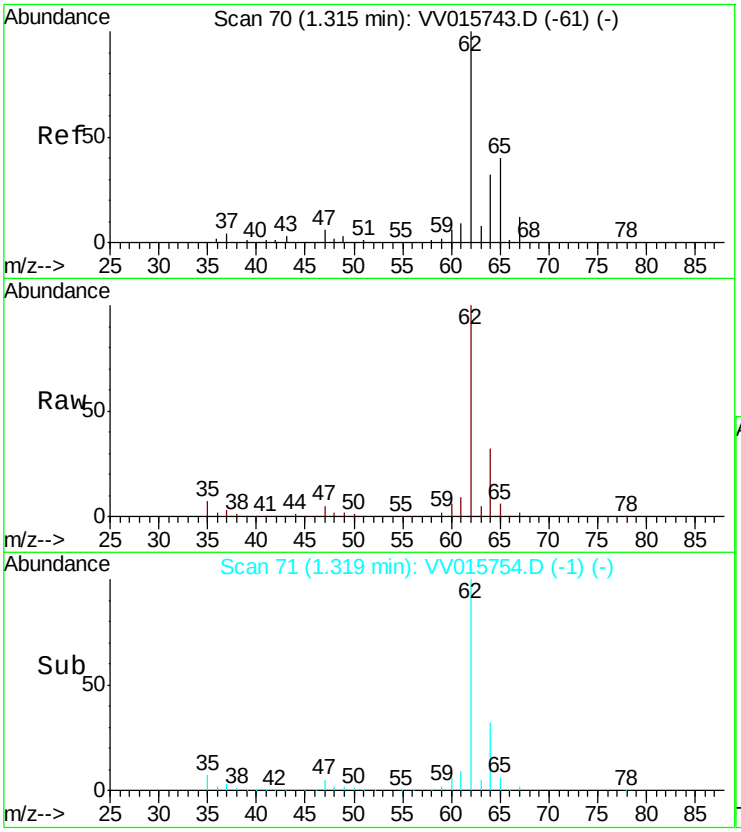
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015754.D
Acq On : 28 Apr 2020 18:26
Operator : SY/MD
Sample : L2421-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 29 00:45:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration



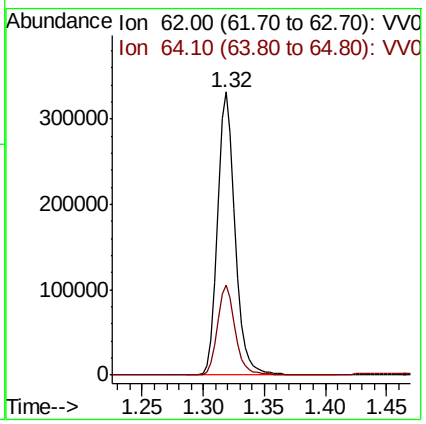


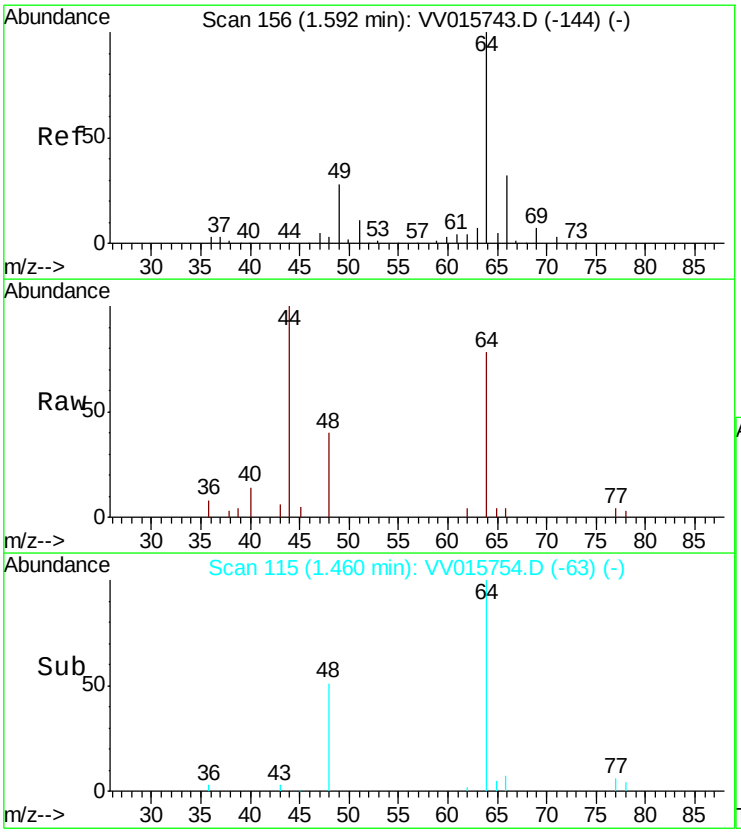
#5
Vinyl chloride
Concen: 33.007 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 338188

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.7	42.1

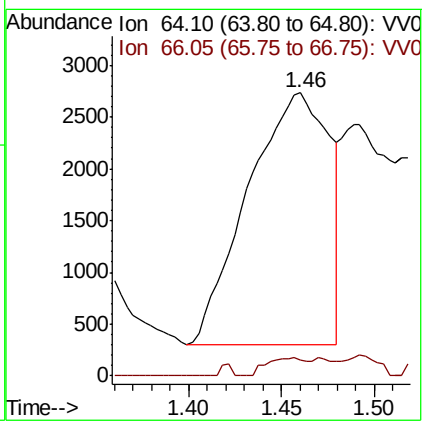


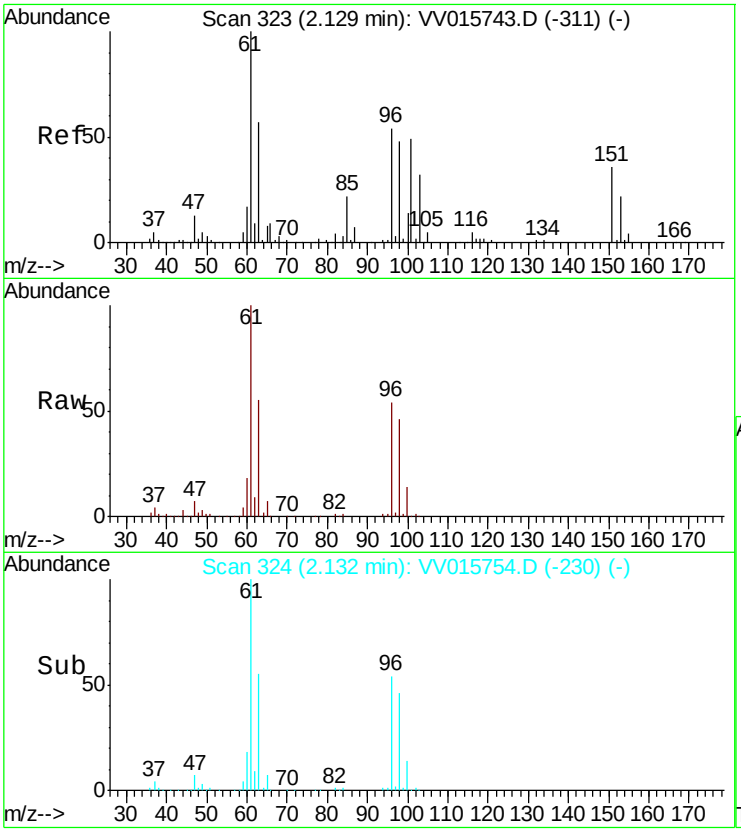


#8
Chloroethane
Concen: 1.100 ug/L
RT: 1.46 min Scan# 115
Delta R.T. -0.13 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 64 Resp: 7404

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.3	41.5#



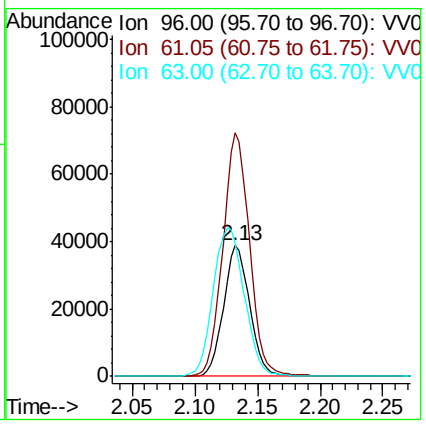


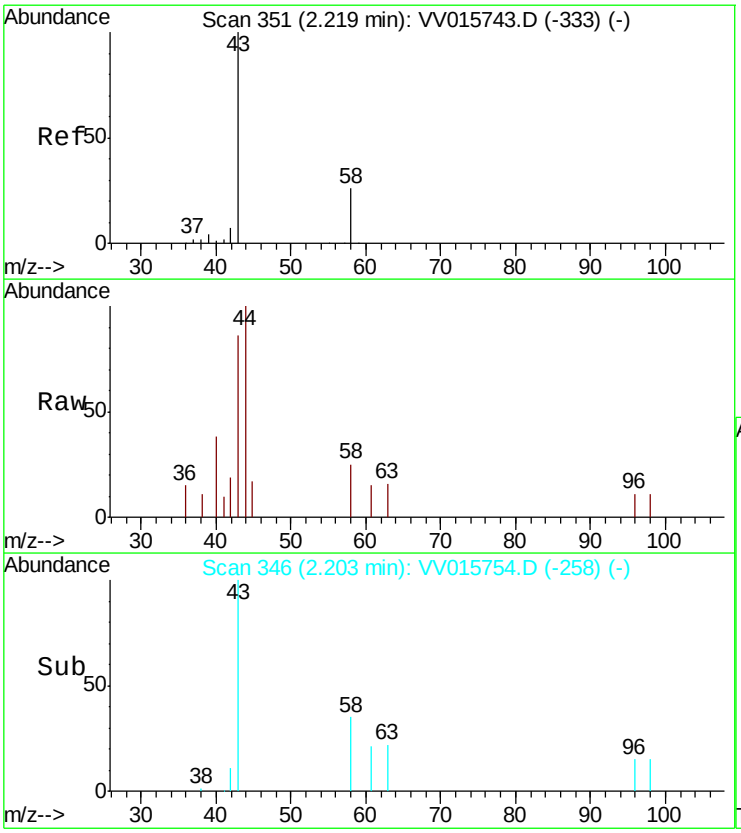
#12
1,1-Dichloroethene
Concen: 7.424 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 55943

Ion	Ratio	Lower	Upper
96	100		
61	186.7	130.1	241.7
63	102.7	91.4	169.8

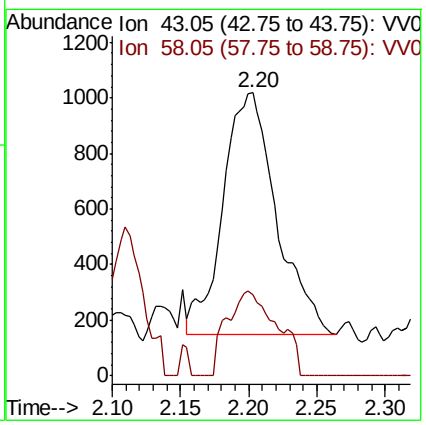


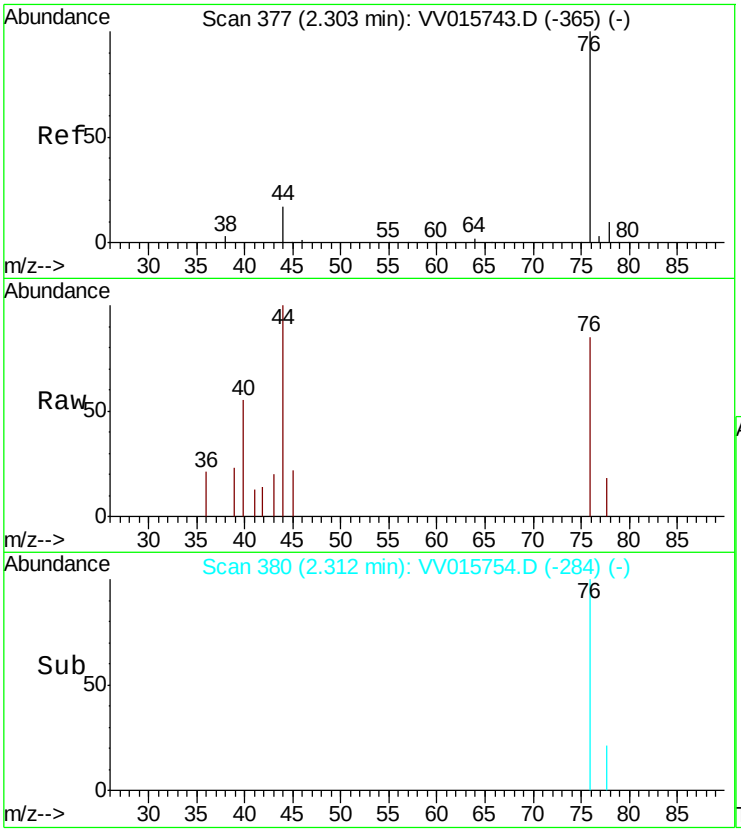


#13
Acetone
Concen: 1.572 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.02 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	57.6



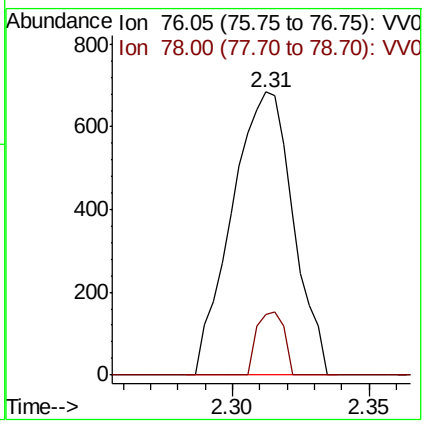


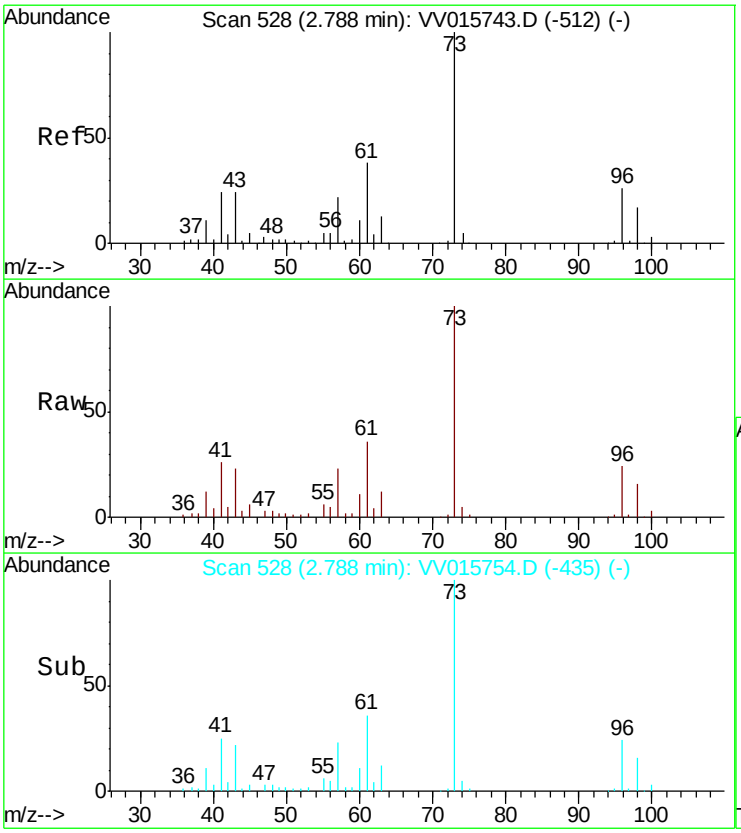
#14
Carbon disulfide
Concen: 0.050 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 1066

Ion	Ratio	Lower	Upper
76	100		
78	21.5	7.4	11.0#

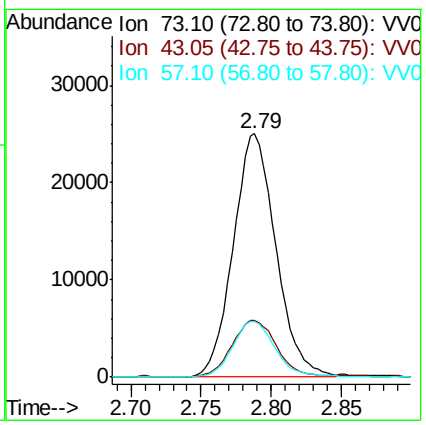


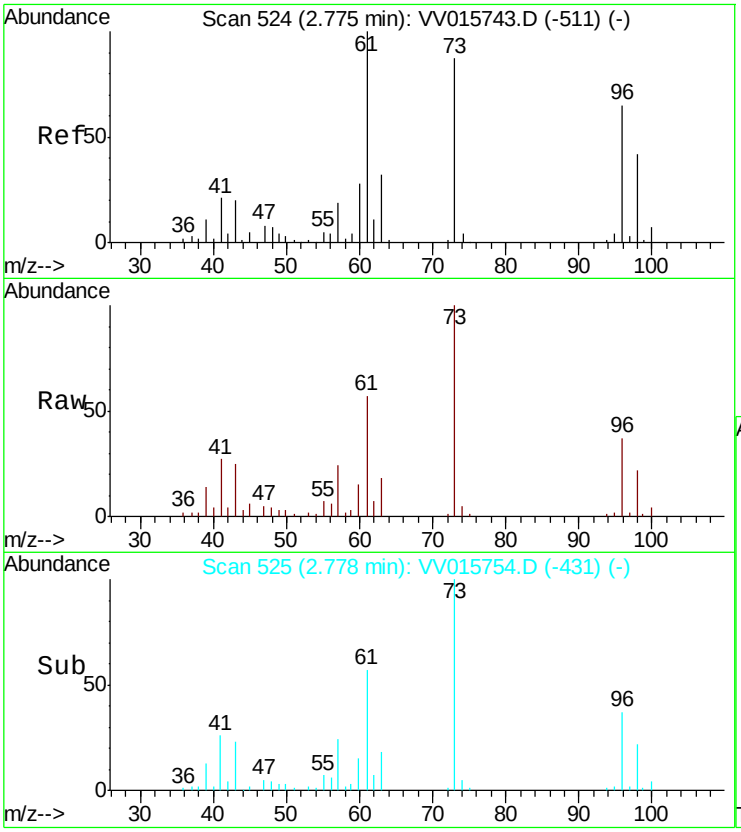


#17
Methyl tert-butyl Ether
Concen: 2.503 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 73 Resp: 52950

Ion	Ratio	Lower	Upper
73	100		
43	24.6	20.1	30.1
57	22.9	17.8	26.8



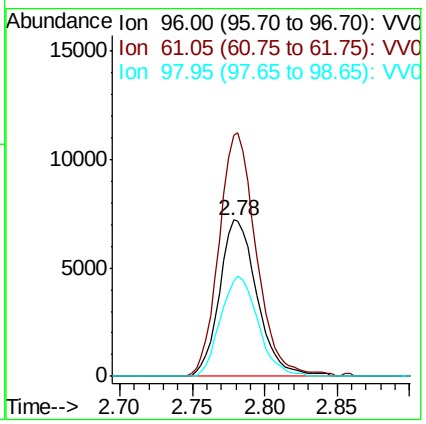


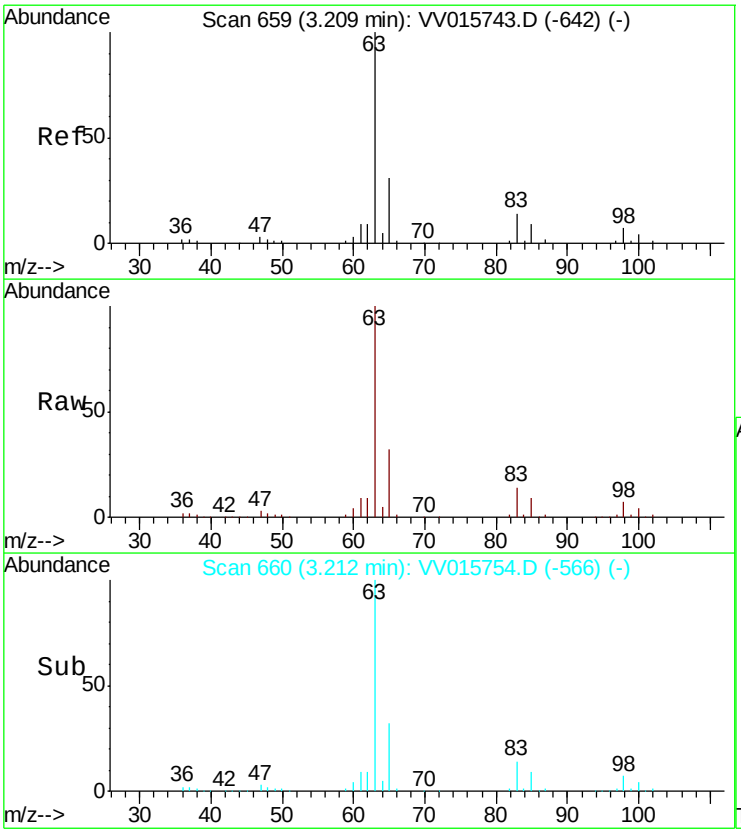
#18
trans-1,2-Dichloroethene
Concen: 1.538 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 12972

Ion	Ratio	Lower	Upper
96	100		
61	154.4	105.5	195.9
98	60.5	44.2	82.0

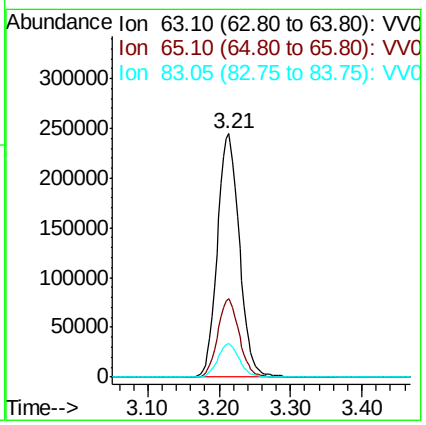


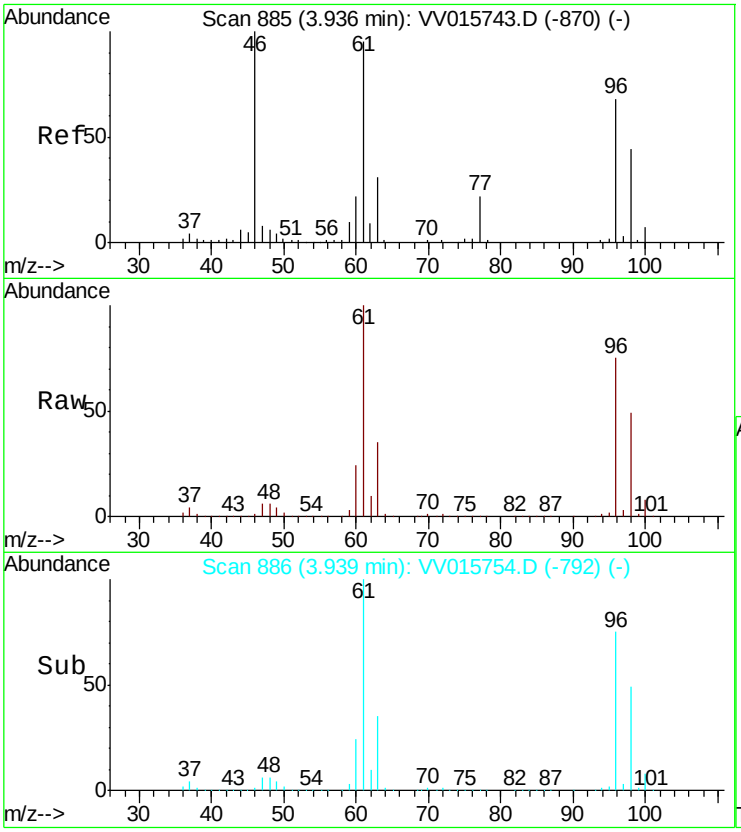


#19
1,1-Dichloroethane
Concen: 31.507 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 63 Resp: 521948

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.3
83	13.7	9.3	17.3



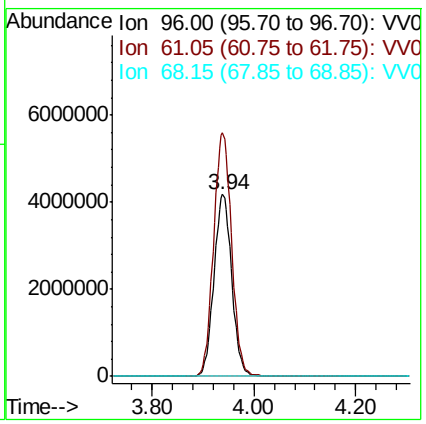


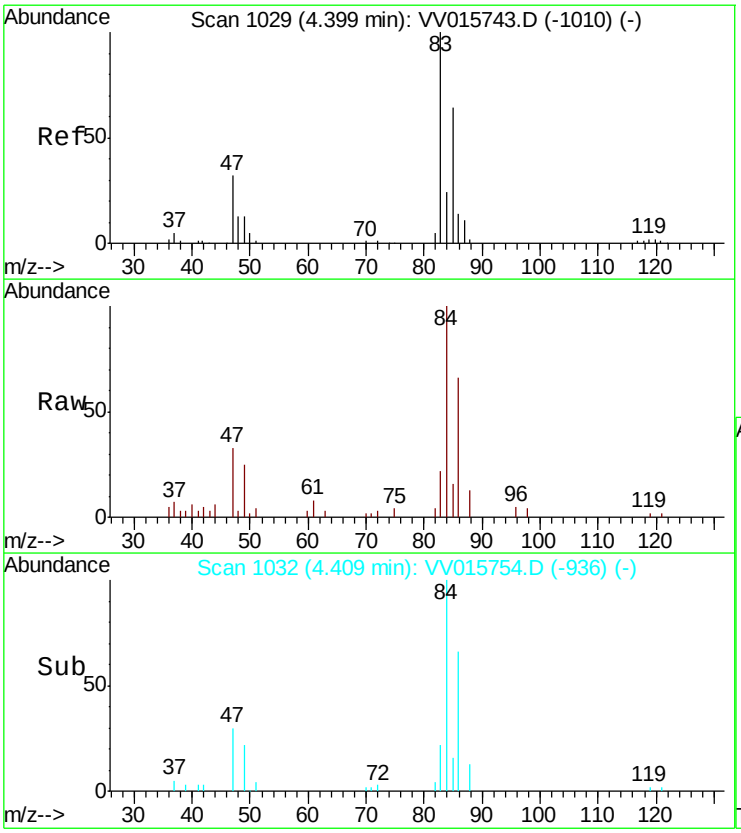
#22
cis-1,2-Dichloroethene
Concen: 1075.320 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp:10030933

Ion	Ratio	Lower	Upper
96	100		
61	133.9	96.4	179.0
68	0.0	0.0	0.0#

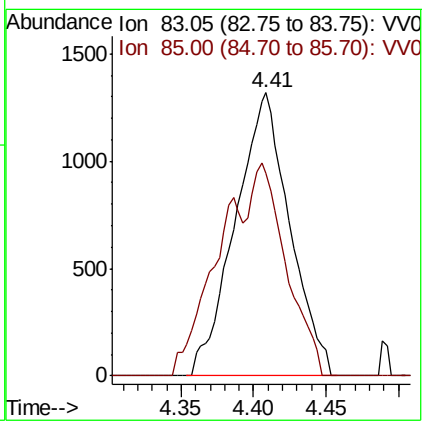


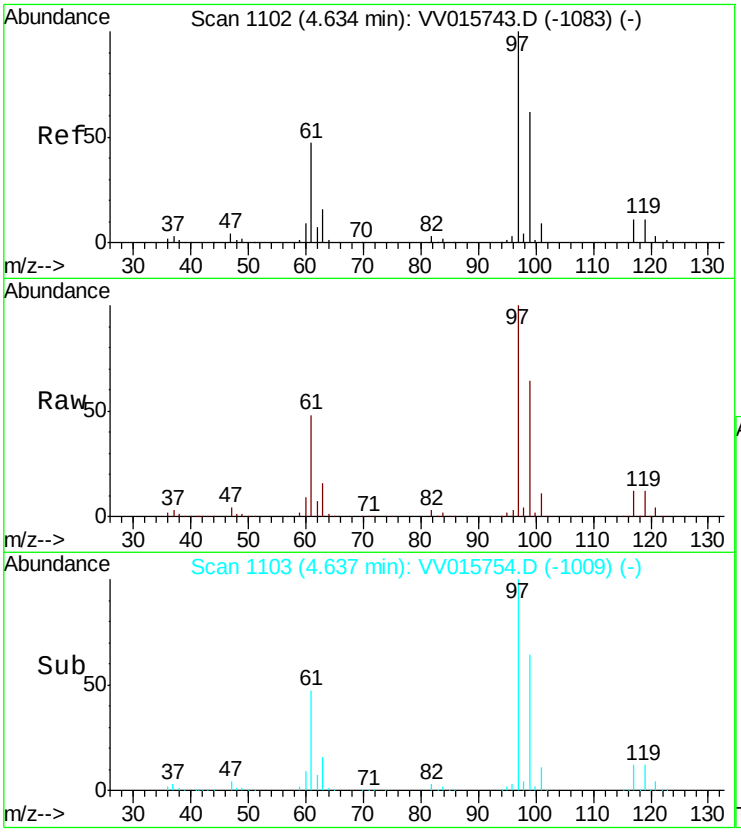


#25
Chloroform
Concen: 0.196 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 83 Resp: 3442

Ion	Ratio	Lower	Upper
83	100		
85	71.4	46.1	85.5



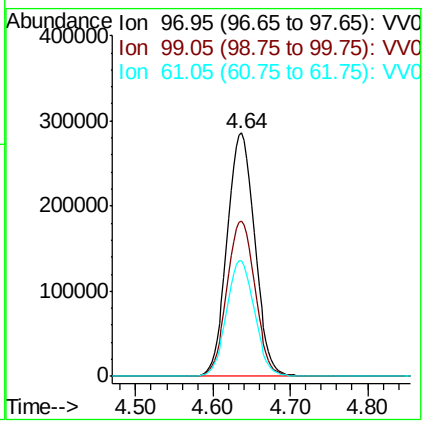


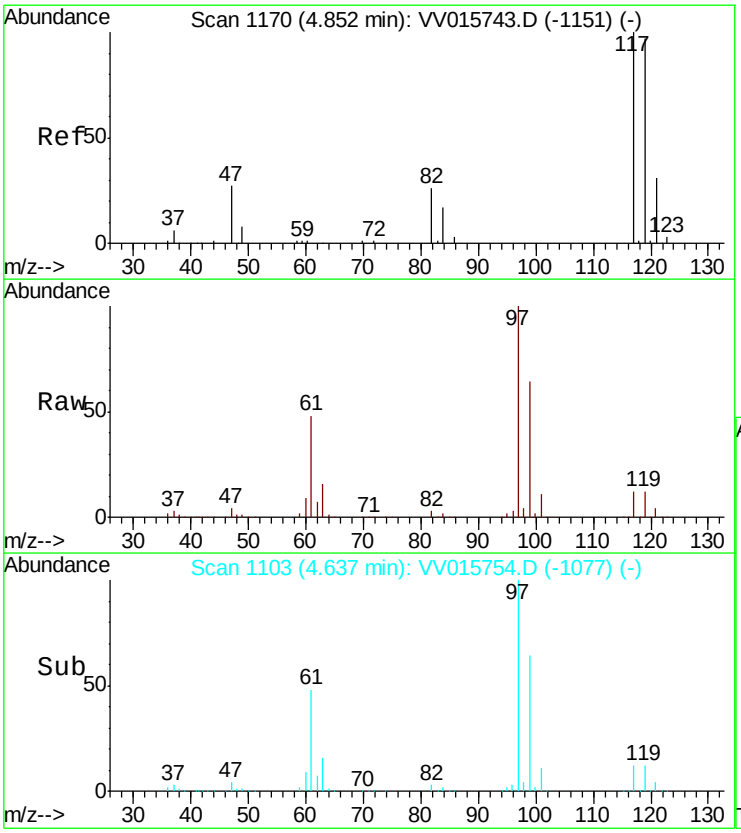
#29
1,1,1-Trichloroethane
Concen: 44.843 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 709341

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	47.6	38.6	57.8

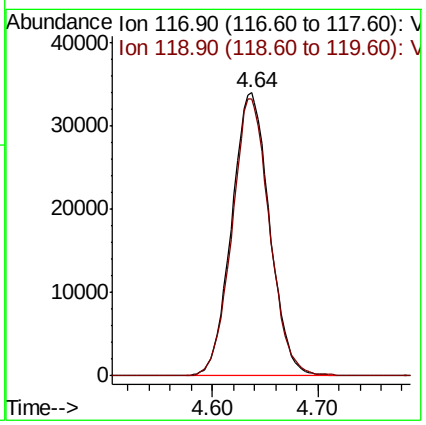


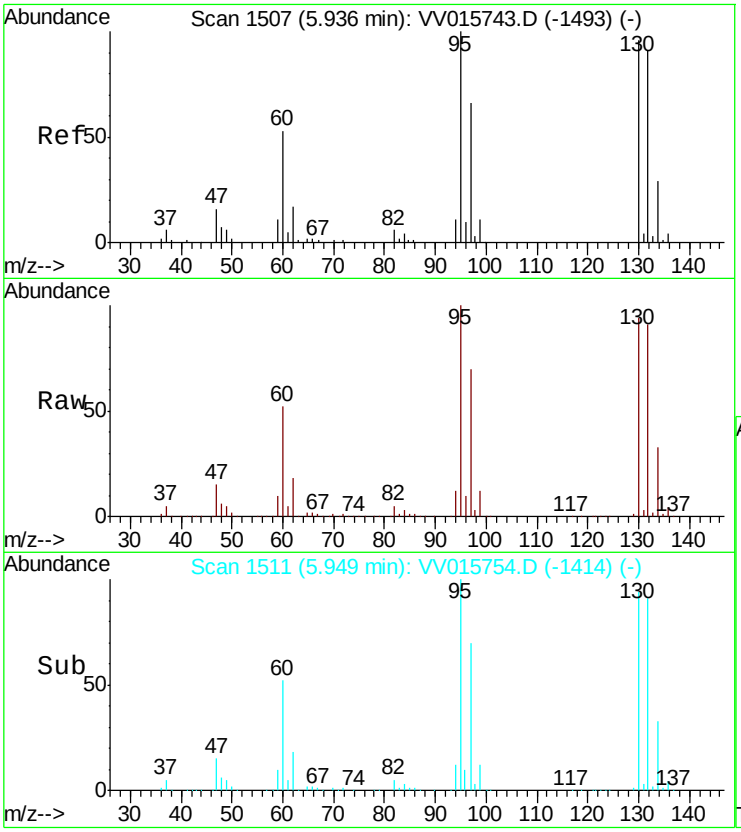


#31
Carbon tetrachloride
Concen: 6.438 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.22 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion:117 Resp: 84333

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.6	113.4



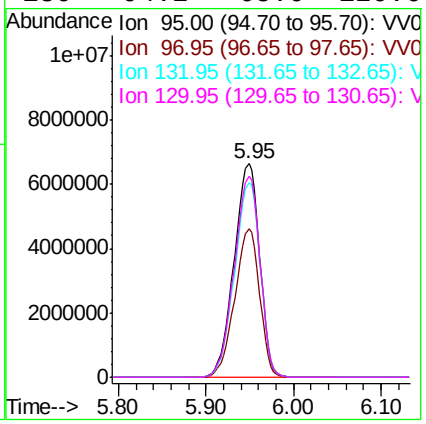


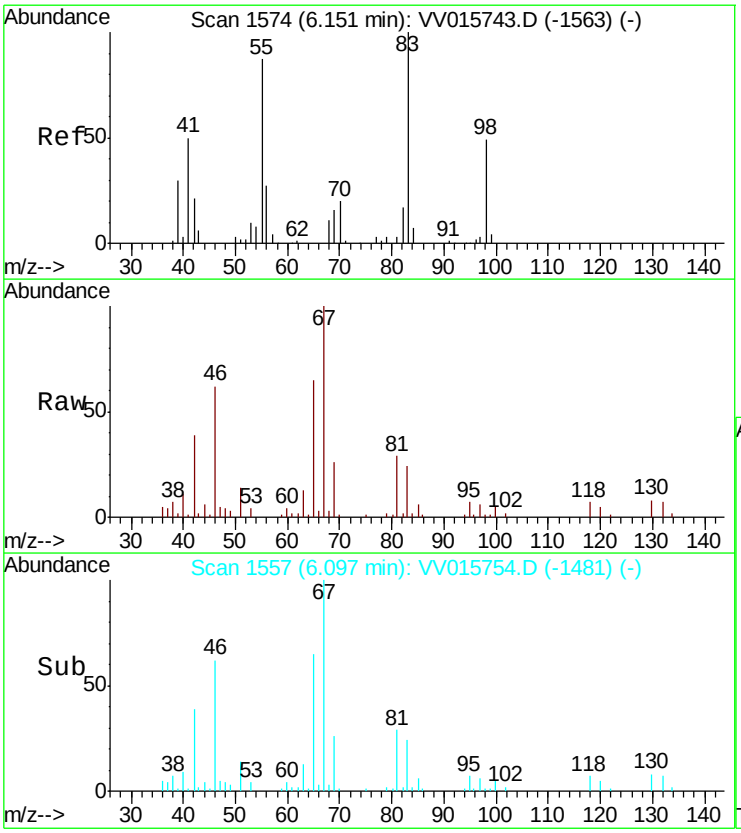
#34
Trichloroethene
Concen: 1367.719 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp:13460708

Ion	Ratio	Lower	Upper
95	100		
97	69.8	44.7	82.9
132	91.4	65.2	121.0
130	94.2	65.0	120.6

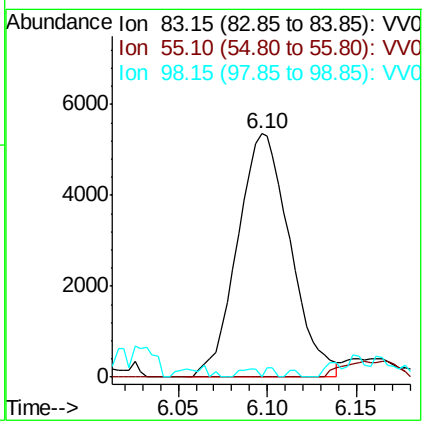


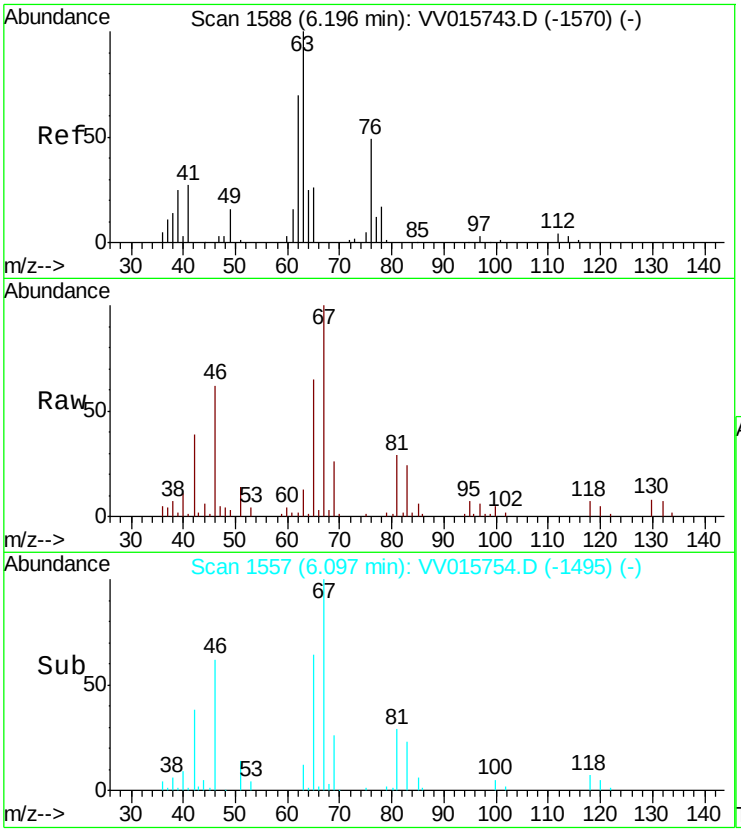


#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 83 Resp: 11059

Ion	Ratio	Lower	Upper
83	100		
55	3.7	66.6	99.8#
98	0.0	39.5	59.3#



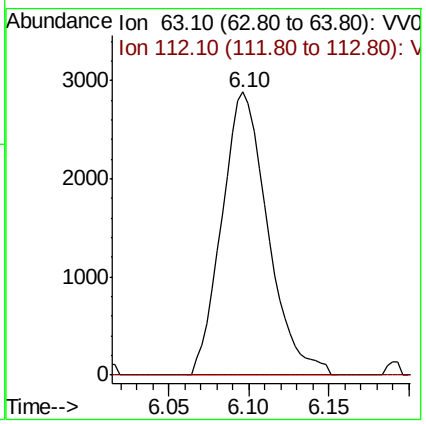


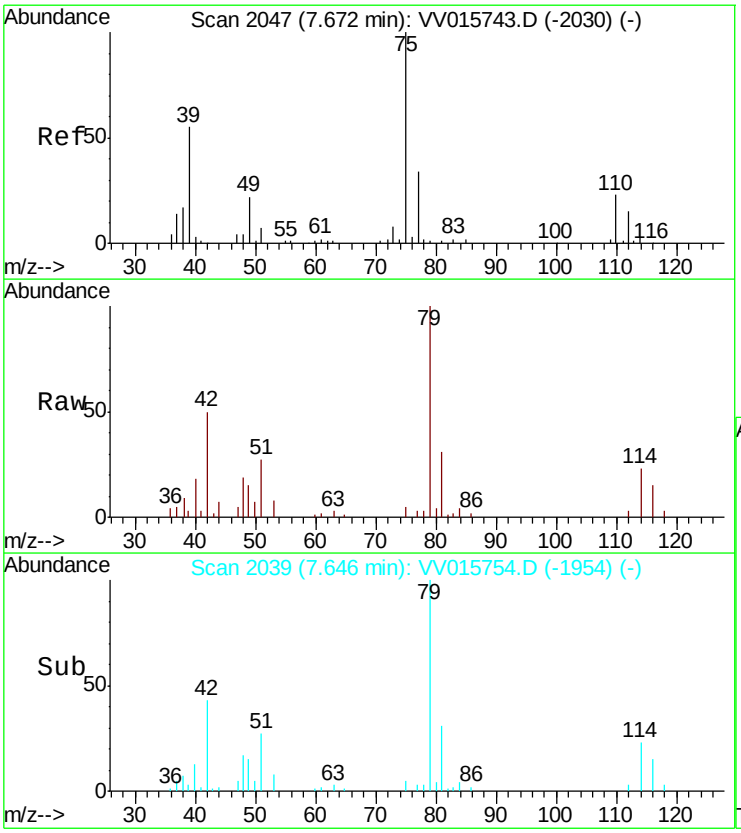
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5669

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

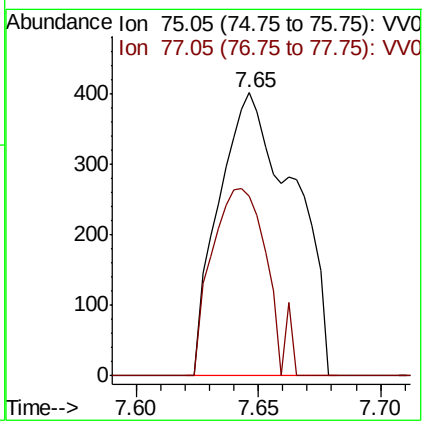


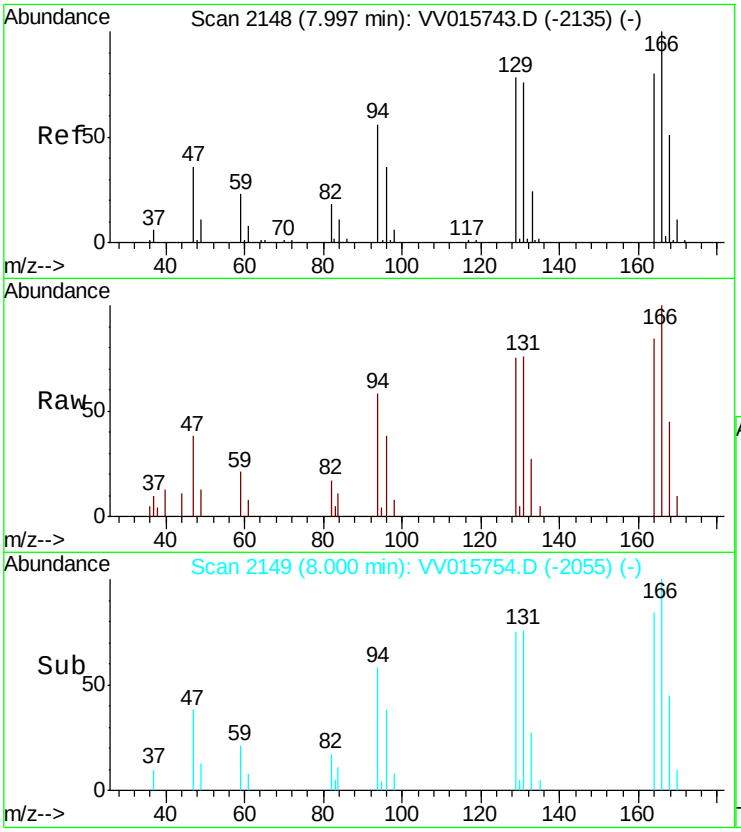


#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 75 Resp: 855

Ion	Ratio	Lower	Upper
75	100		
77	63.3	21.8	40.6#



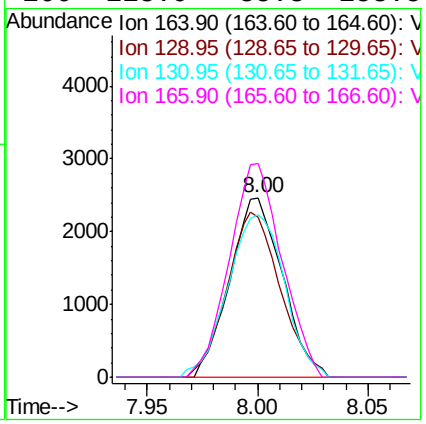


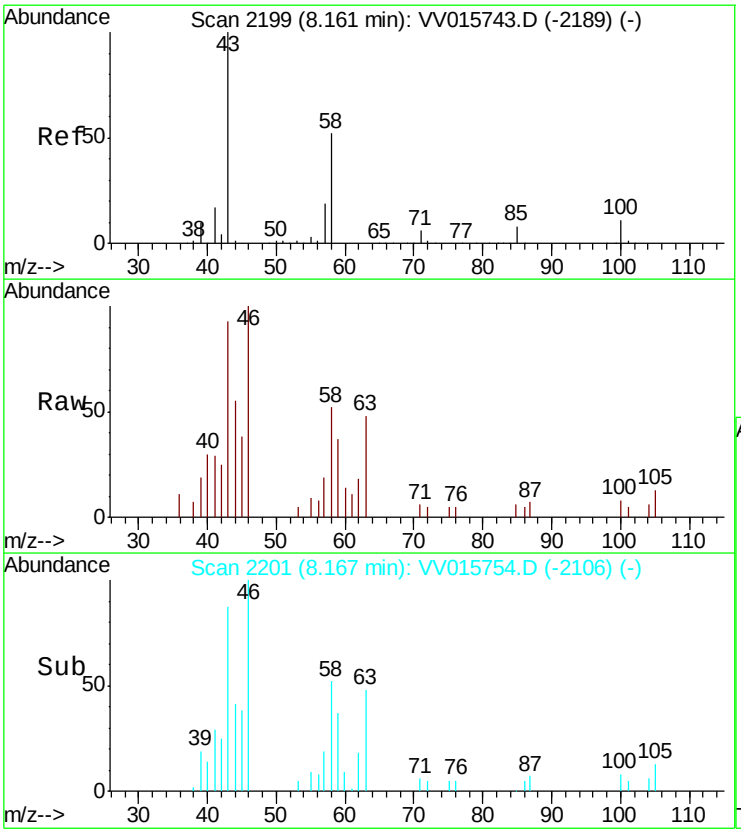
#47
Tetrachloroethene
Concen: 0.574 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 4071

Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.7	123.9
131	90.4	66.6	123.6
166	118.9	85.3	158.5

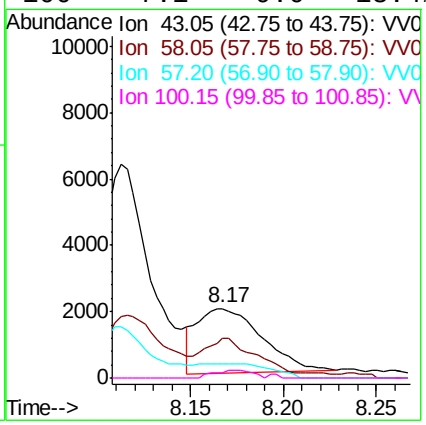


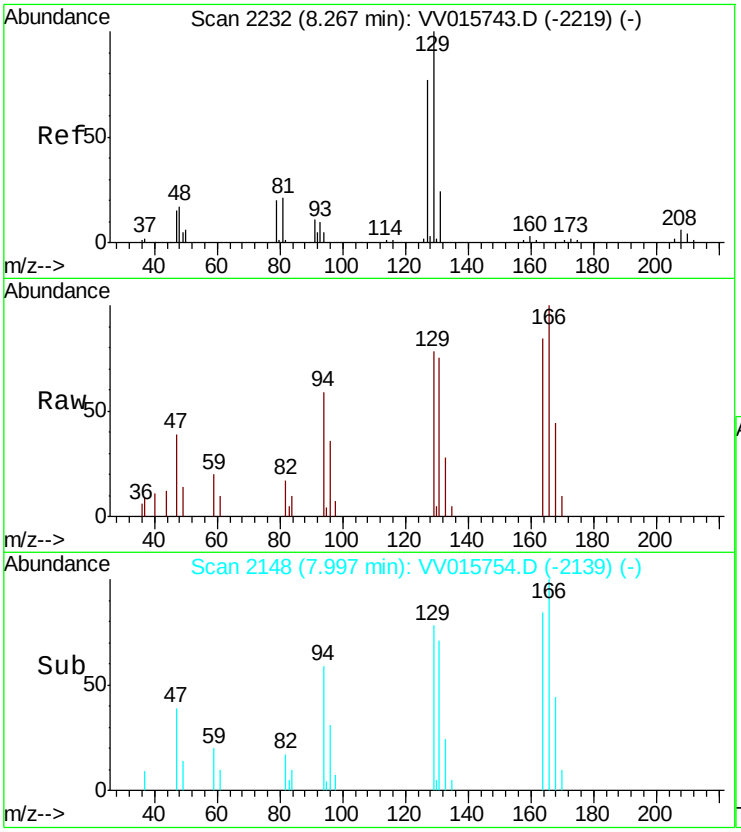


#48
2-Hexanone
Concen: 1.119 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion: 43 Resp: 4692

Ion	Ratio	Lower	Upper
43	100		
58	57.6	41.1	61.7
57	0.0	15.0	22.4#
100	7.1	9.0	13.4#



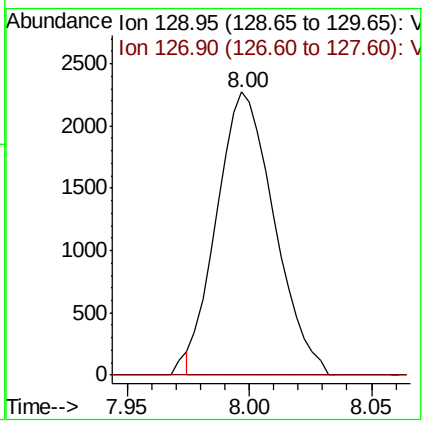


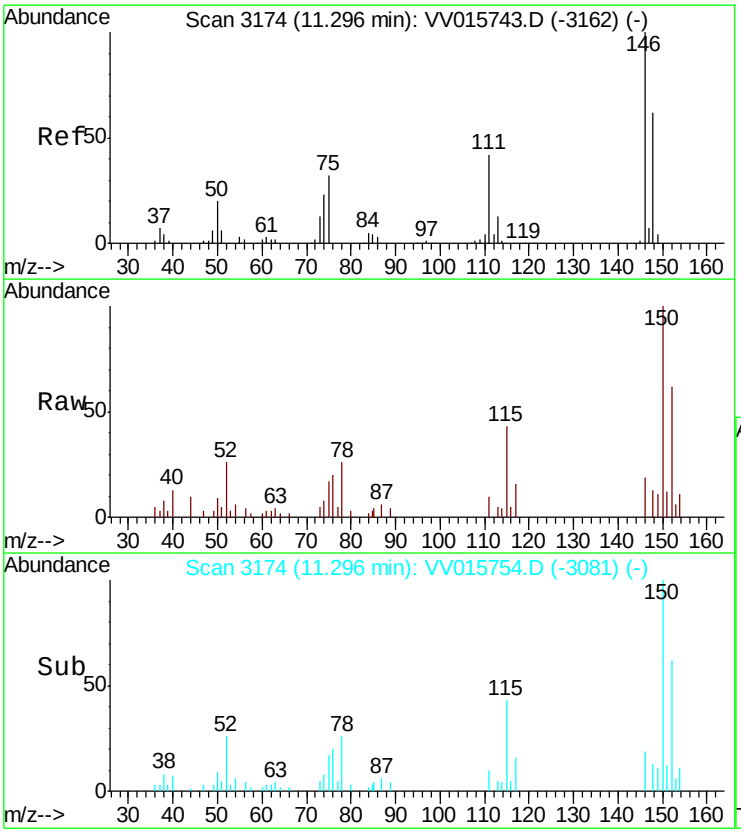
#49
Dibromochloromethane
Concen: 0.582 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 3720

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#

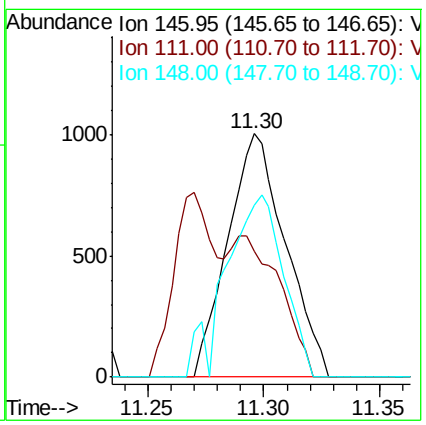


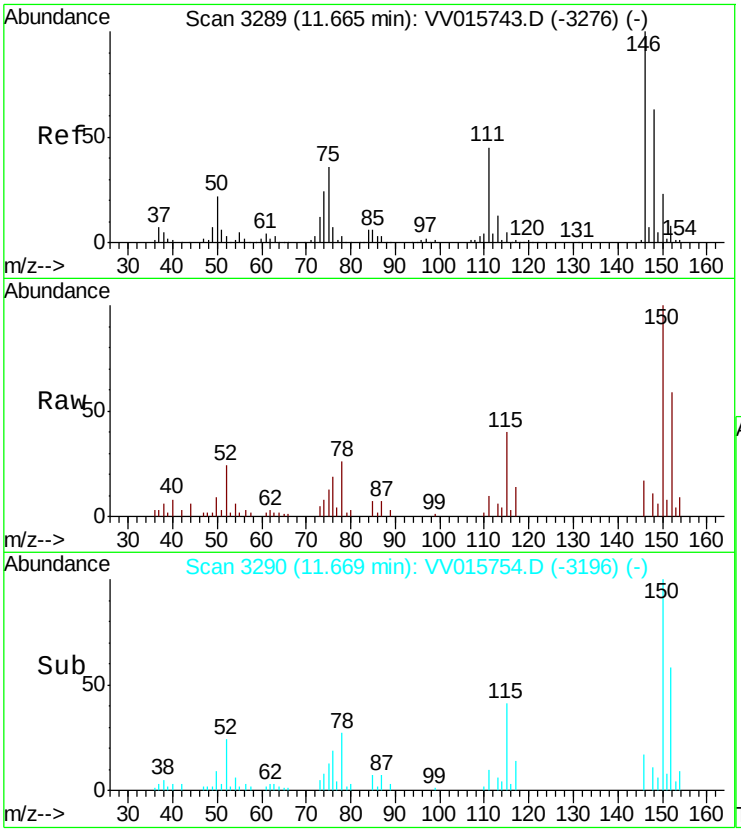


#63
1,4-Dichlorobenzene
Concen: 0.093 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion:146 Resp: 1737

Ion	Ratio	Lower	Upper
146	100		
111	51.6	28.2	52.4
148	70.4	45.7	84.9



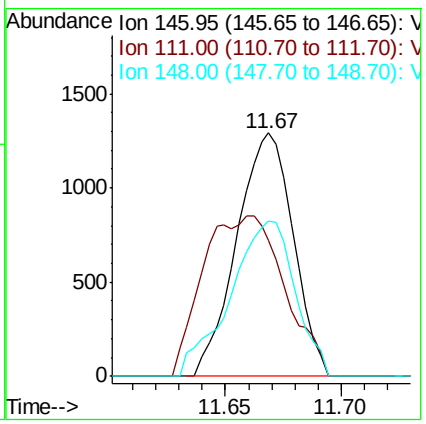


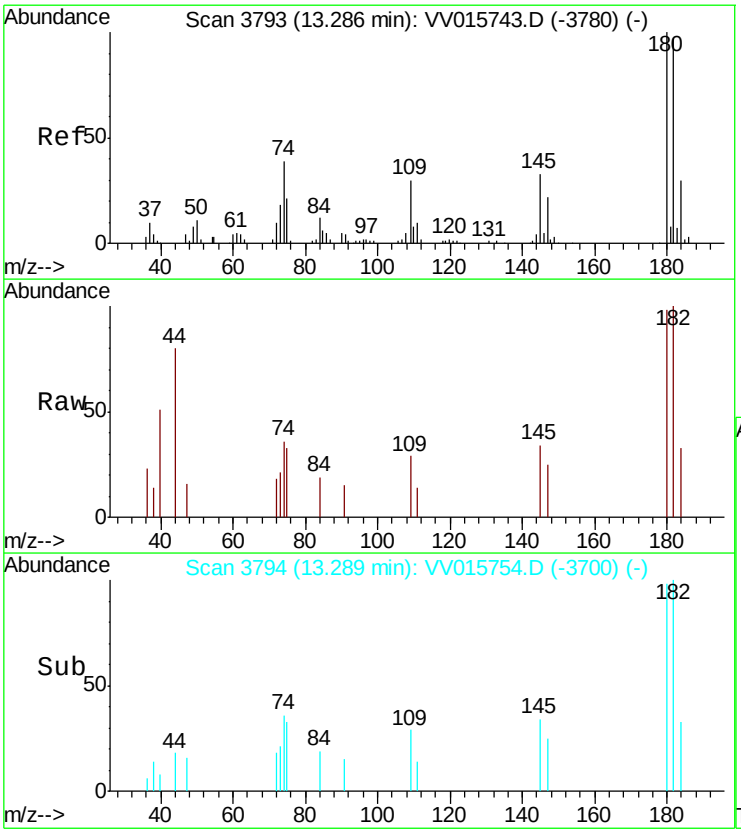
#65
1,2-Dichlorobenzene
Concen: 0.130 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 2185

Ion	Ratio	Lower	Upper
146	100		
111	56.0	34.7	52.1#
148	63.7	51.3	76.9

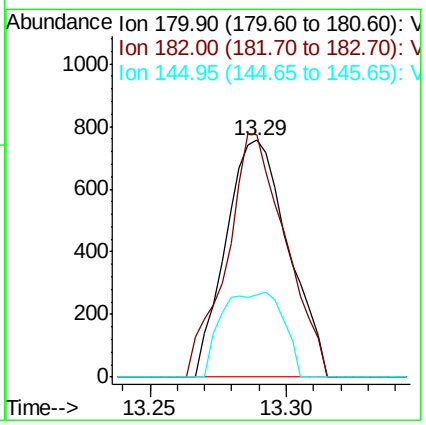


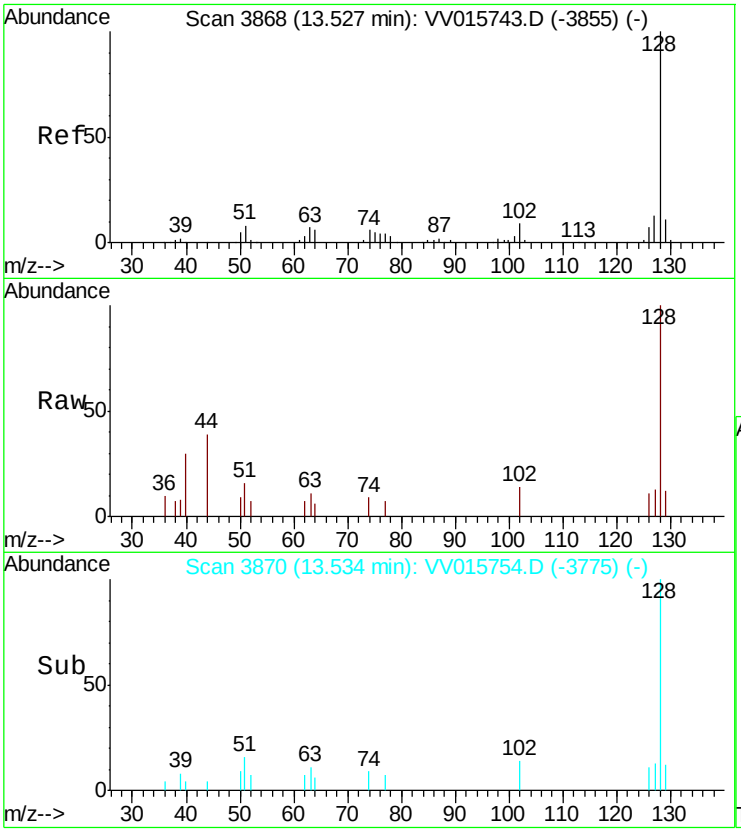


#68
1,2,4-trichlorobenzene
Concen: 0.095 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion:180 Resp: 1204

Ion	Ratio	Lower	Upper
180	100		
182	96.8	74.8	112.2
145	35.1	25.9	38.9



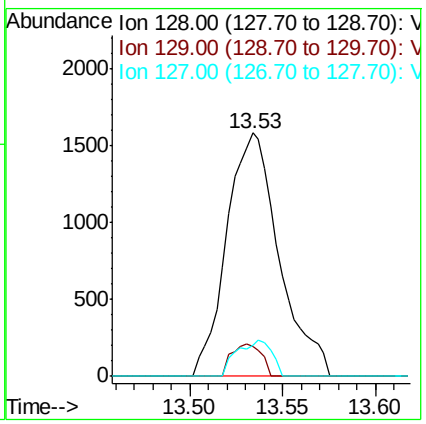


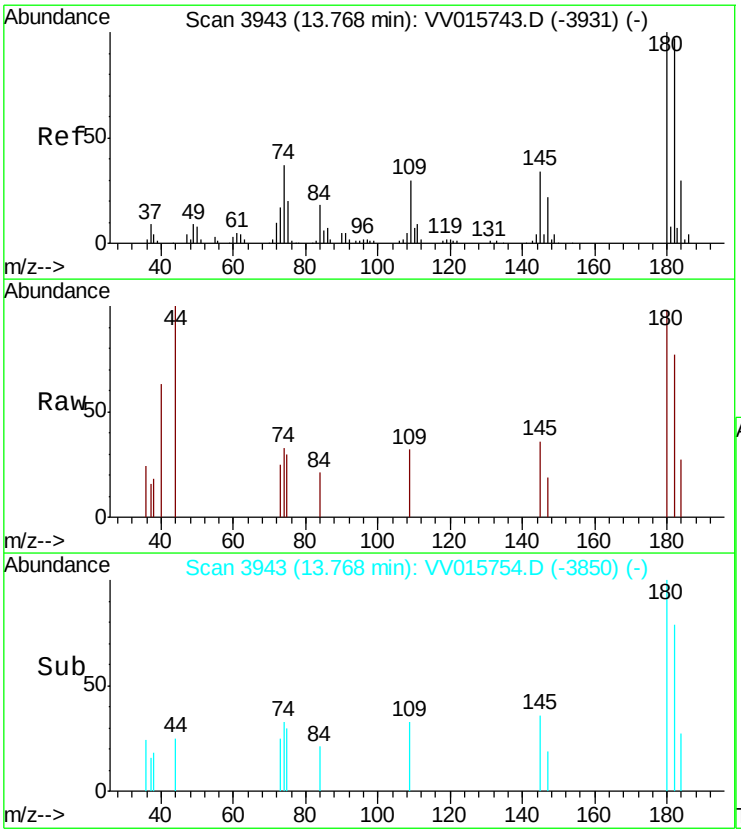
#69
Naphthalene
Concen: 0.138 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3110

Ion	Ratio	Lower	Upper
128	100		
129	7.5	8.4	12.6#
127	9.8	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.098 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV015754.D
Acq: 28 Apr 2020 18:26

Tgt Ion:180 Resp: 1090

Ion	Ratio	Lower	Upper
180	100		
182	90.7	74.8	112.2
145	35.0	28.4	42.6