Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014339.D
Acq On : 17 Jan 2020 15:36
Operator : SY/MD
Sample : L1169-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF770

Quant Time: Jan 17 22:55:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	782467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	331040	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	232675	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.59	69	199451	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.13	63	287606	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	3.93	46	672518	51.14	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.28%			
24) Chloroform-d	4.40	84	487240	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	248435	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.10	84	1046541	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.12	67	338724	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.36	98	926433	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.66	79	133246	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.13	63	598333	47.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	233072	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	305210	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	5005	0.091	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	3027	0.087	ug/L #	1
13) Acetone	2.30	43	931732	102.875	ug/L	46
14) Carbon disulfide	2.32	76	7812	0.050	ug/L #	62
15) Methyl Acetate	2.30	43	931732	44.192	ug/L #	52
22) cis-1,2-Dichloroethene	3.96	96	176977	3.072	ug/L #	95
25) Chloroform	4.43	83	22809	0.231	ug/L	99
27) 1,2-Dichloroethane	5.18	62	19219	0.326	ug/L	97
33) Benzene	5.15	78	13536	0.061	ug/L	100
34) Trichloroethene	5.96	95	45062	0.789	ug/L	96
35) Methylcyclohexane	6.12	83	78866	0.845	ug/L #	18
44) trans-1,3-Dichloropropene	7.66	75	5154	0.074	ug/L	97
48) 2-Hexanone	8.13	43	72519	2.966	ug/L #	74
51) Chlorobenzene	8.92	112	56790	0.394	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	13764	0.133	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	26084	0.253	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	39332	0.596	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014339.D
Acq On : 17 Jan 2020 15:36
Operator : SY/MD
Sample : L1169-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF770

Quant Time: Jan 17 22:55:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014339.D
Acq On : 17 Jan 2020 15:36
Operator : SY/MD
Sample : L1169-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
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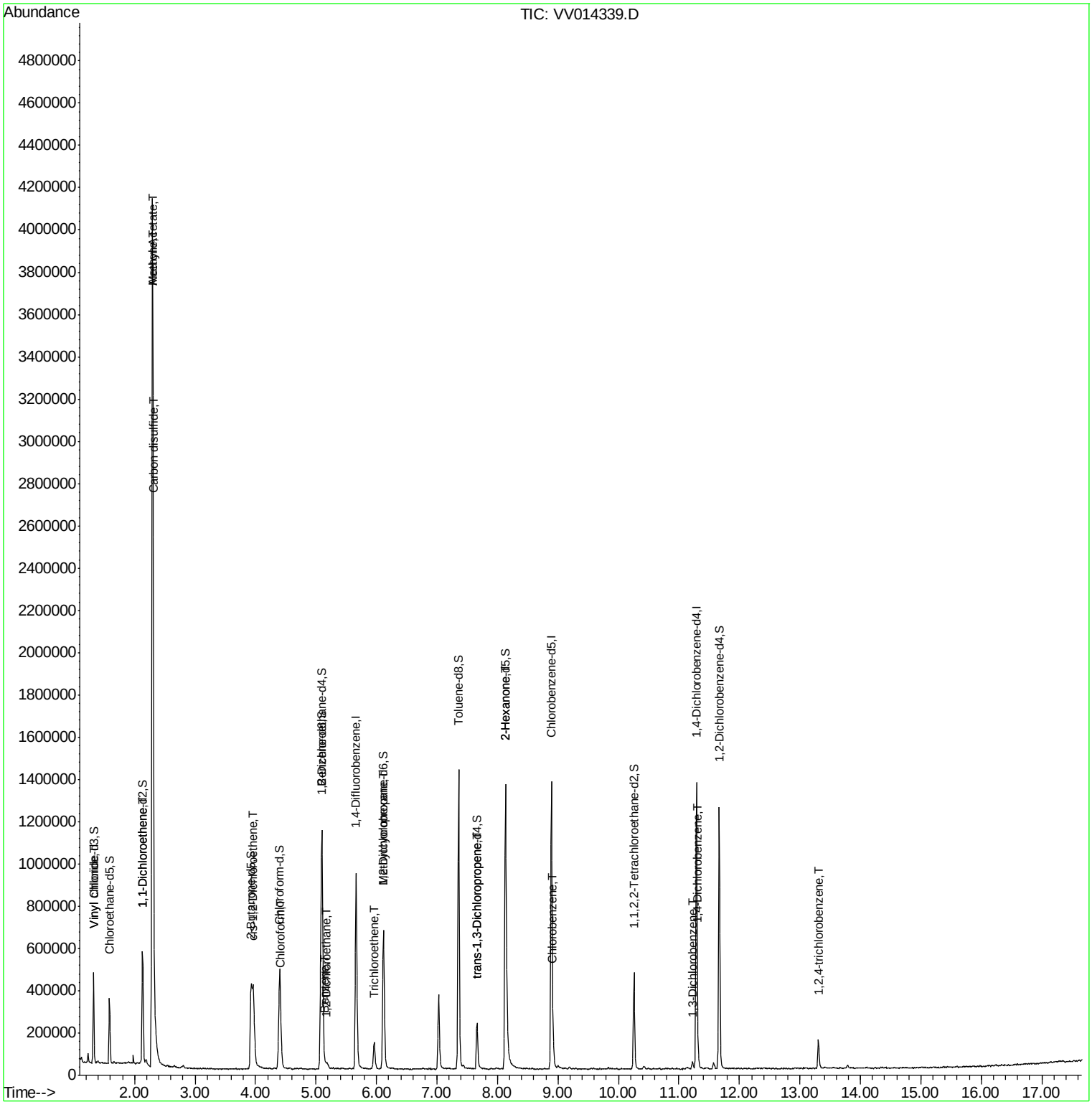
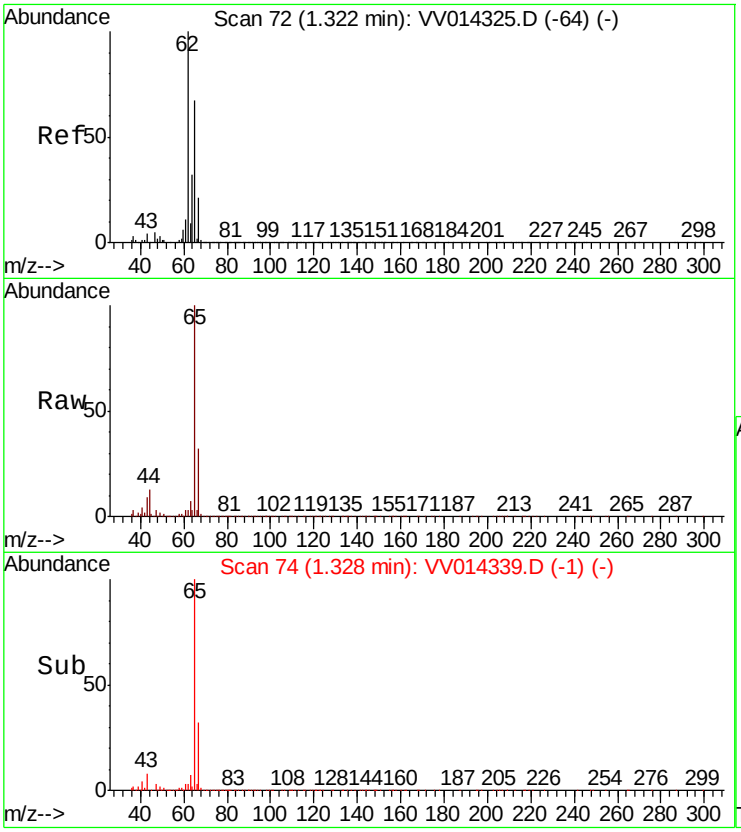
Quant Time: Jan 17 22:55:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration



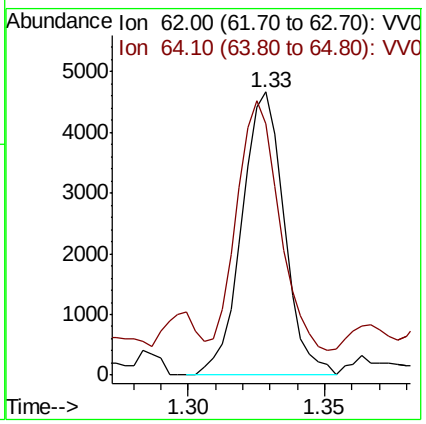


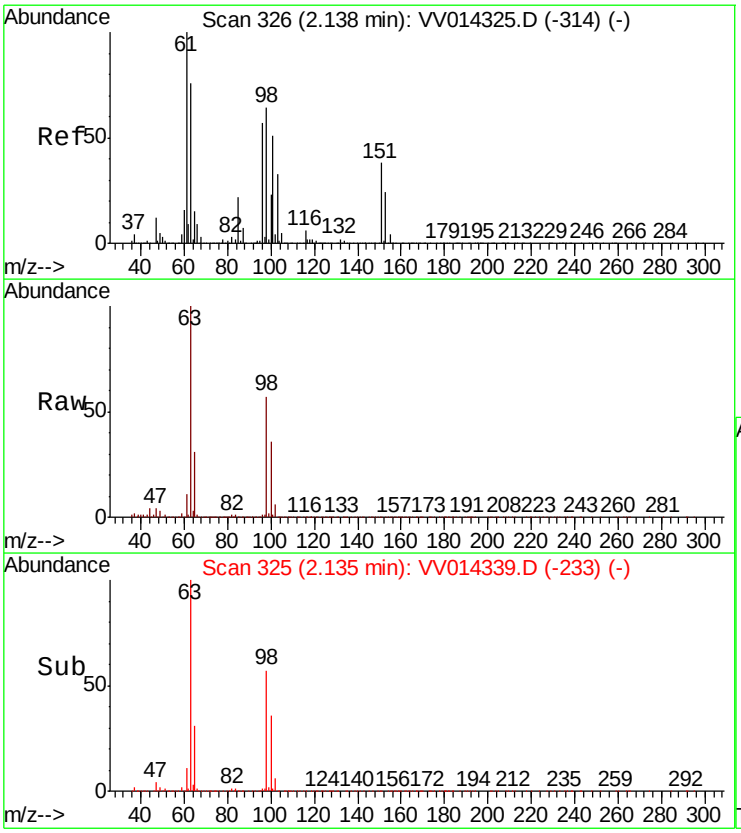
#5
Vinyl chloride
Concen: 0.091 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion: 62 Resp: 5005

Ion	Ratio	Lower	Upper
62	100		
64	88.7	23.0	42.6#

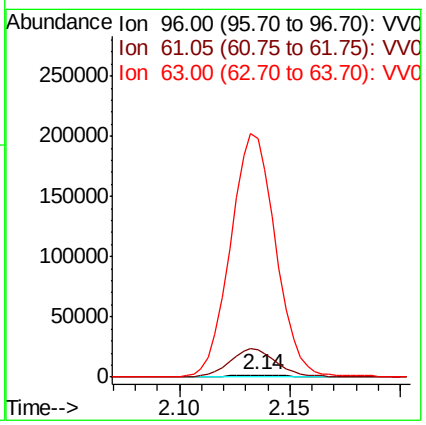


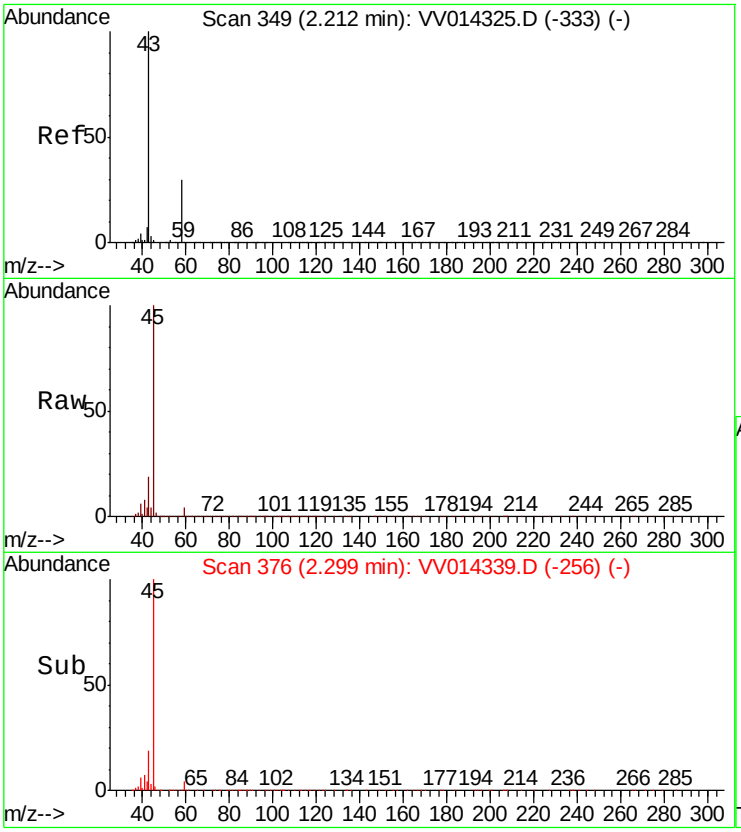


#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 96 Resp: 3027

Ion	Ratio	Lower	Upper
96	100		
61	1217.3	121.5	225.7#
63	10588.2	90.3	167.7#



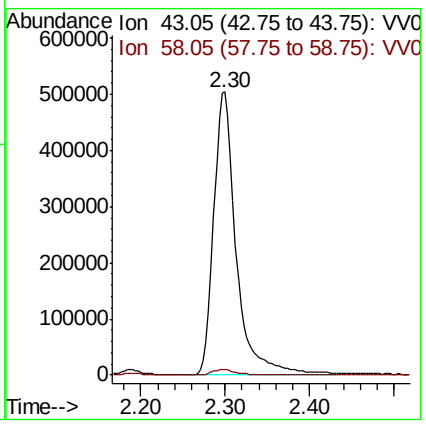


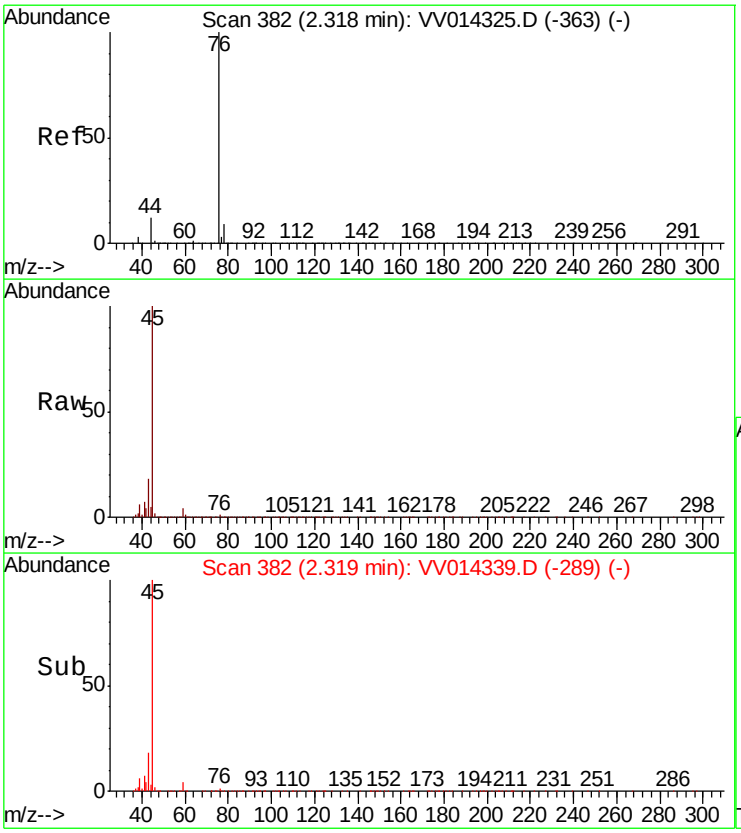
#13
Acetone
Concen: 102.875 ug/L
RT: 2.30 min Scan# 376
Delta R.T. 0.09 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion: 43 Resp: 931732

Ion	Ratio	Lower	Upper
43	100		
58	2.3	0.0	66.0

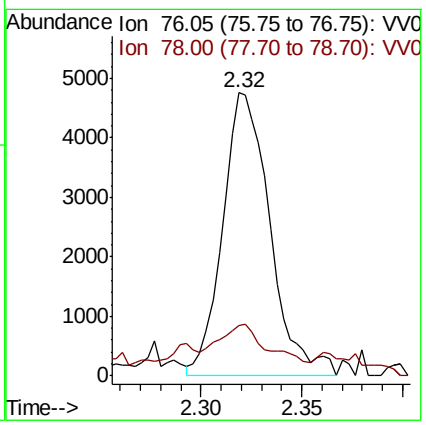


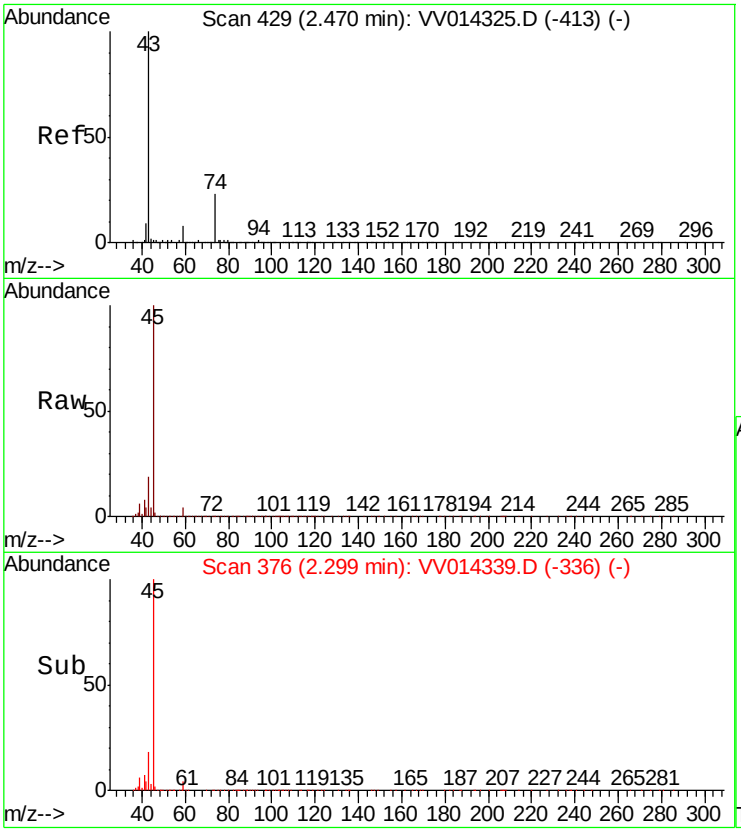


#14
Carbon disulfide
Concen: 0.050 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 76 Resp: 7812

Ion	Ratio	Lower	Upper
76	100		
78	23.2	7.5	11.3#



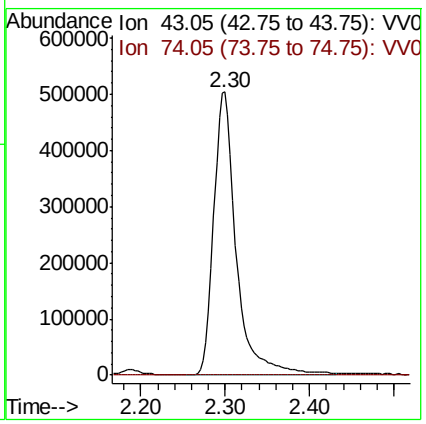


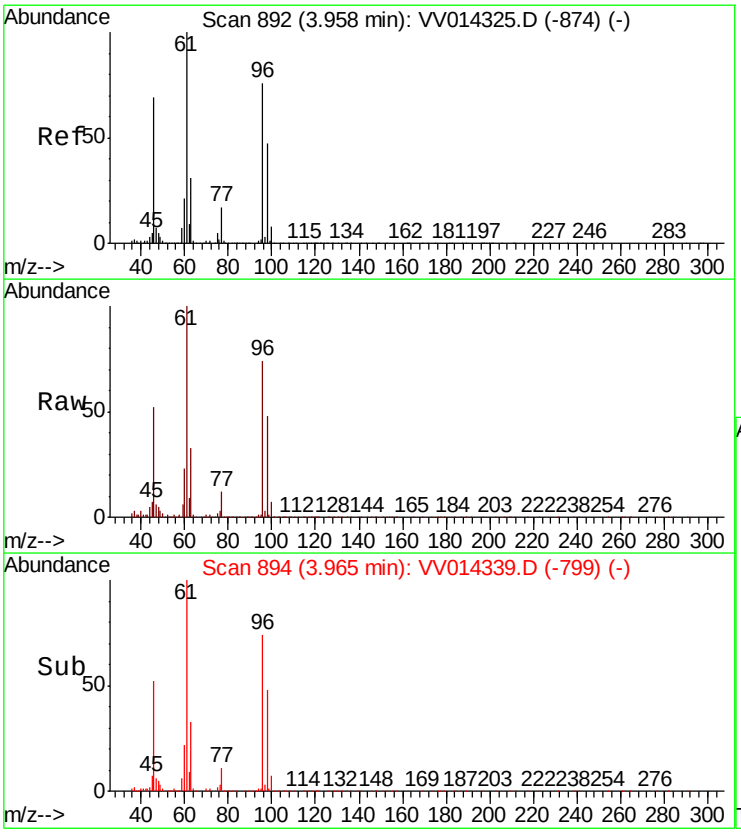
#15
Methyl Acetate
Concen: 44.192 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion: 43 Resp: 931732

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

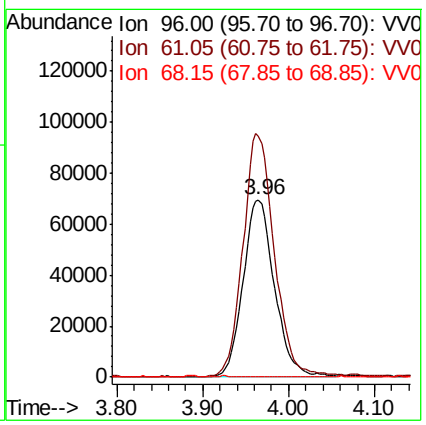


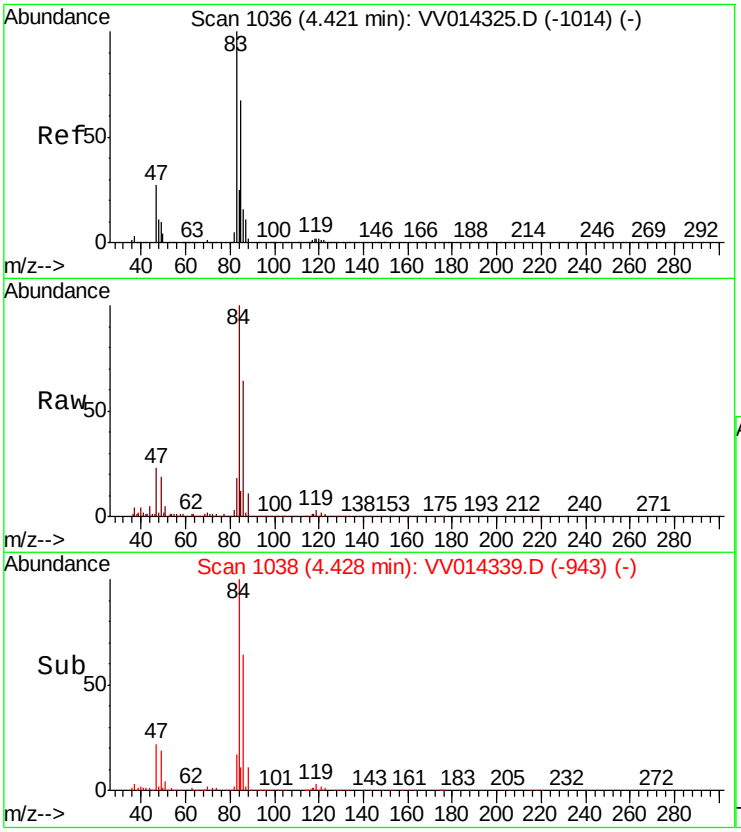


#22
cis-1,2-Dichloroethene
Concen: 3.072 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 96 Resp: 176977

Ion	Ratio	Lower	Upper
96	100		
61	135.9	90.6	168.3
68	0.2	0.3	0.7#



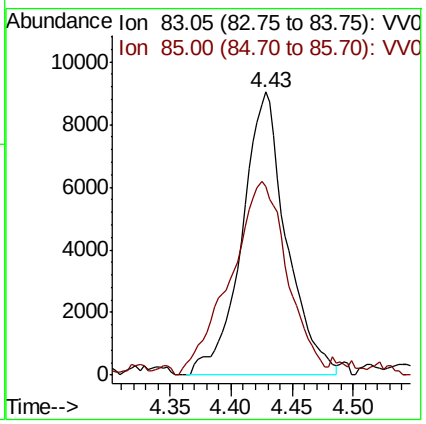


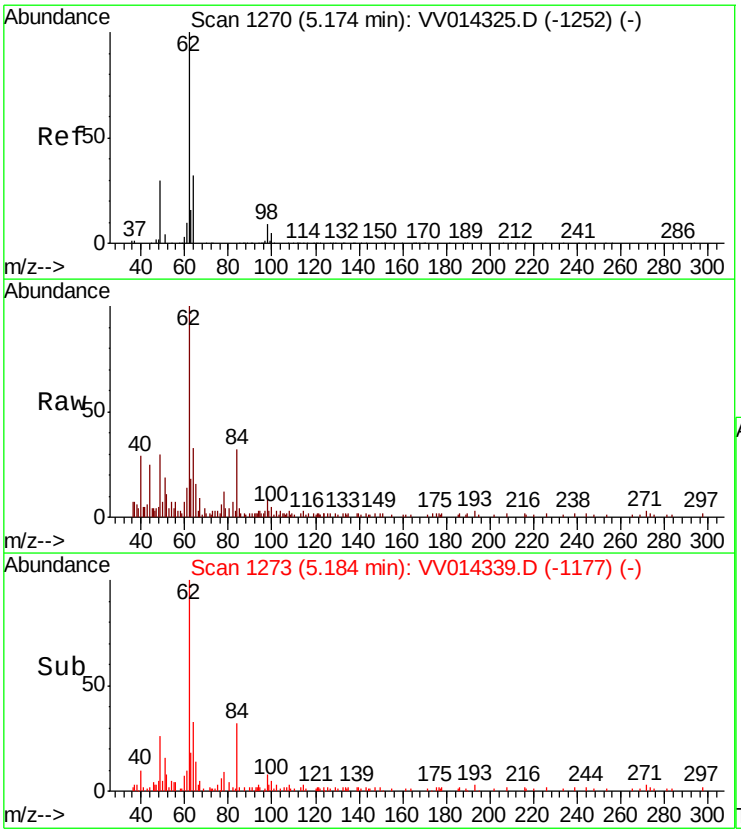
#25
Chloroform
Concen: 0.231 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion: 83 Resp: 22809

Ion	Ratio	Lower	Upper
83	100		
85	66.7	46.2	85.8

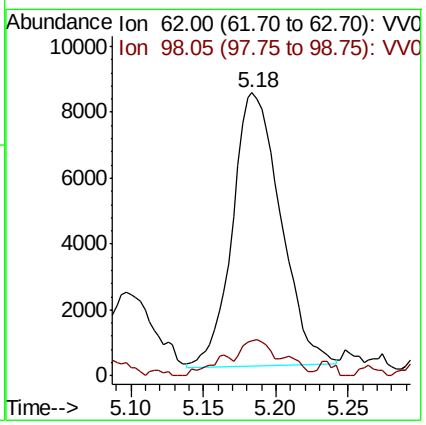


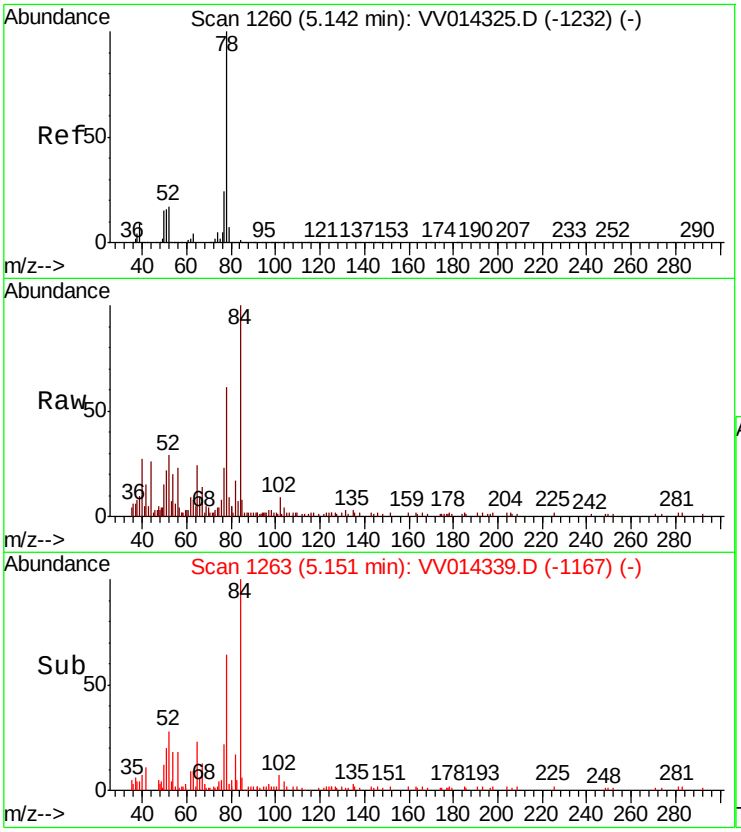


#27
1,2-Dichloroethane
Concen: 0.326 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 62 Resp: 19219

Ion	Ratio	Lower	Upper
62	100		
98	12.5	9.2	13.8

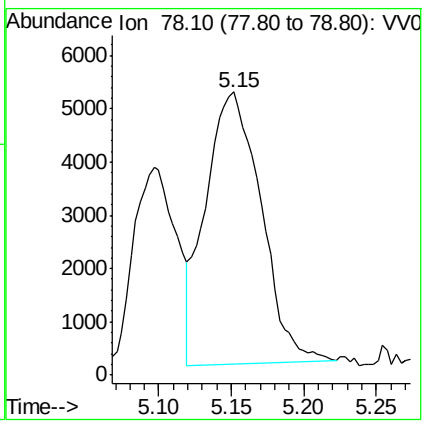


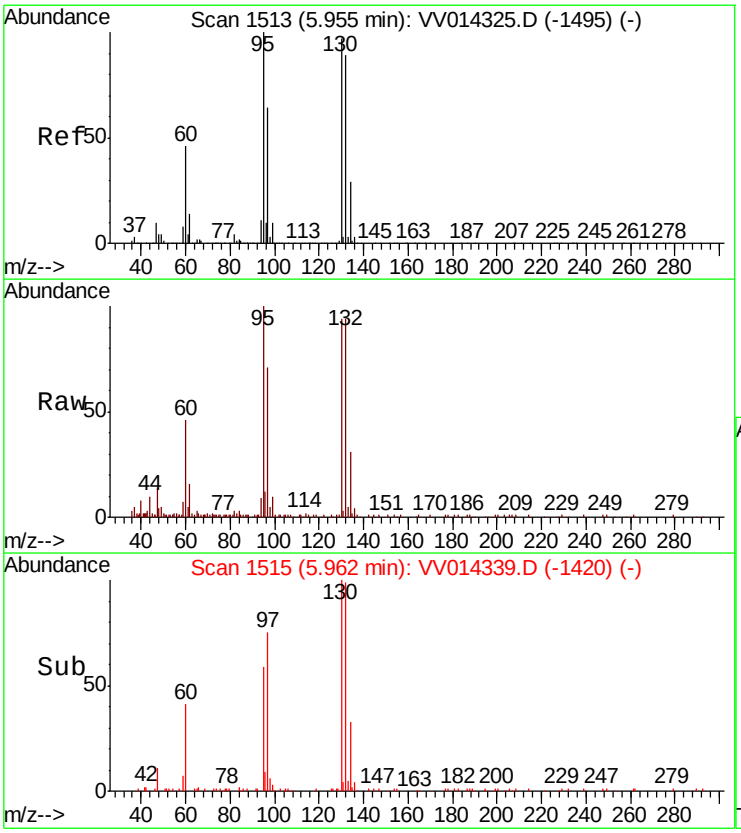


#33
Benzene
Concen: 0.061 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :
BF770

Tgt Ion: 78 Resp: 13536

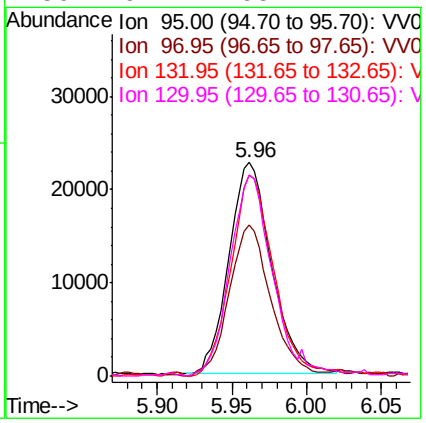


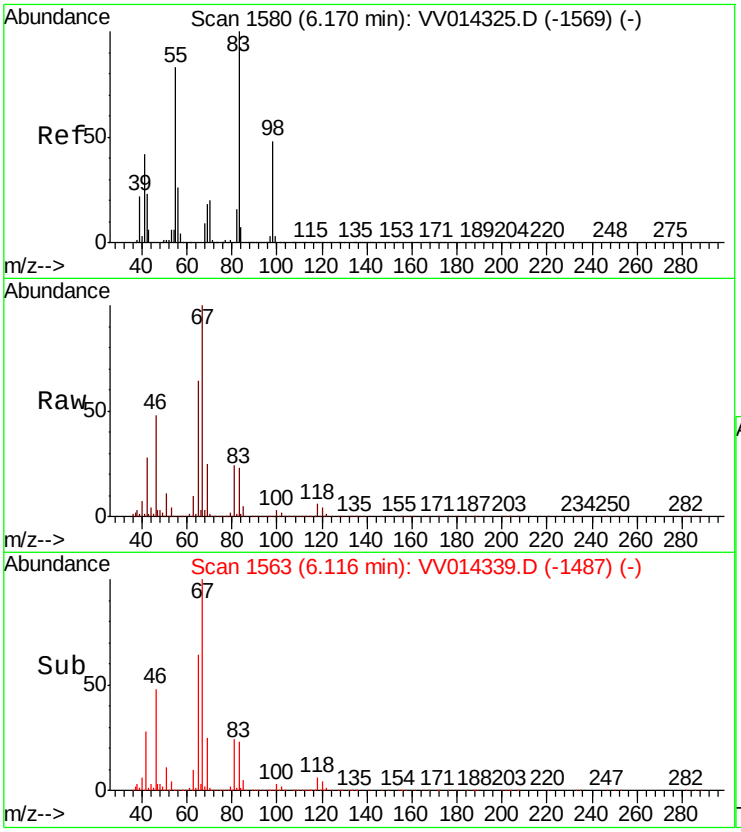


#34
Trichloroethene
Concen: 0.789 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 95 Resp: 45062

Ion	Ratio	Lower	Upper
95	100		
97	70.8	43.8	81.3
132	93.9	63.4	117.8
130	94.1	65.7	122.1



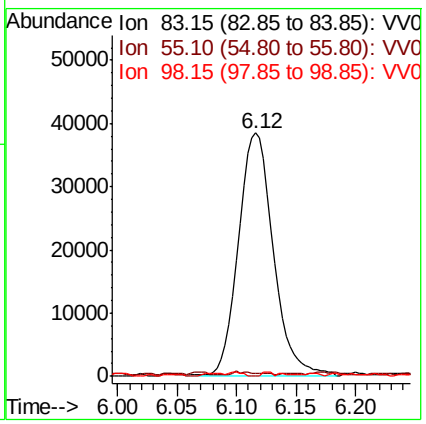


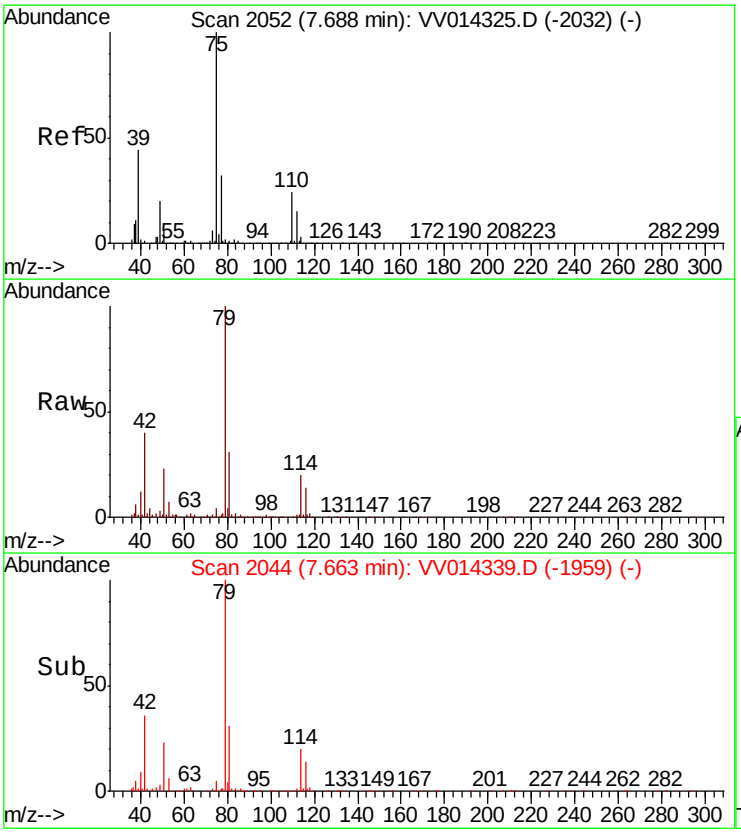
#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :
BF770

Tgt Ion: 83 Resp: 78866

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	0.6	38.1	57.1#

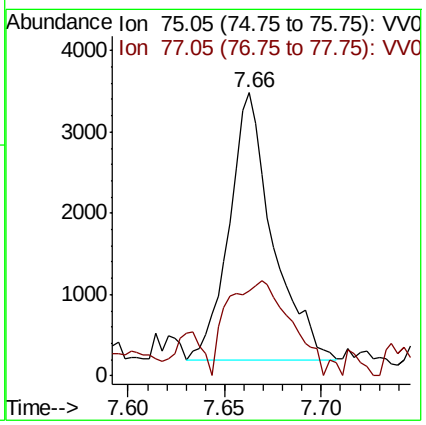


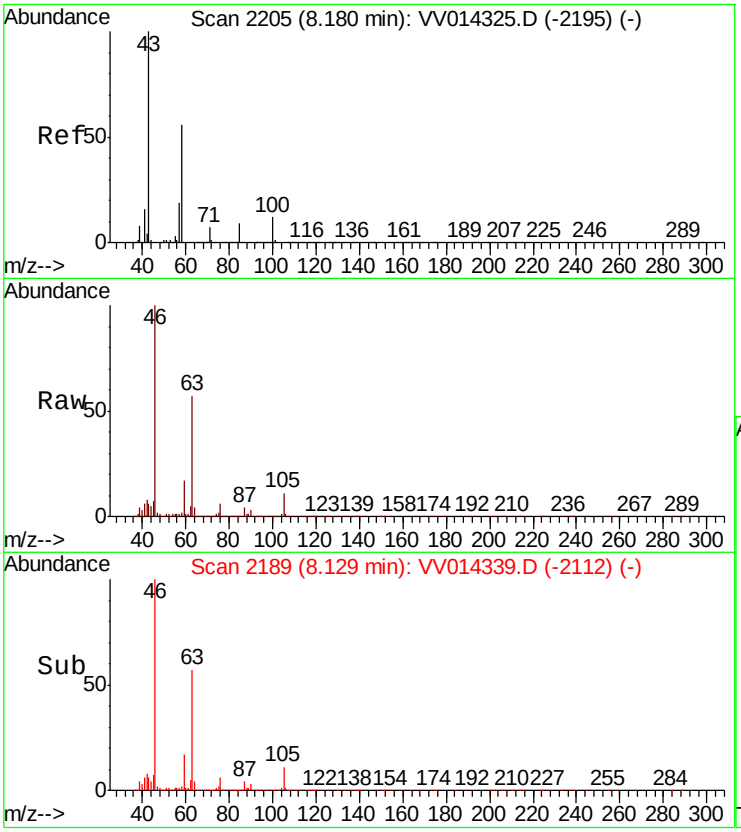


#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 75 Resp: 5154

Ion	Ratio	Lower	Upper
75	100		
77	30.0	22.0	41.0



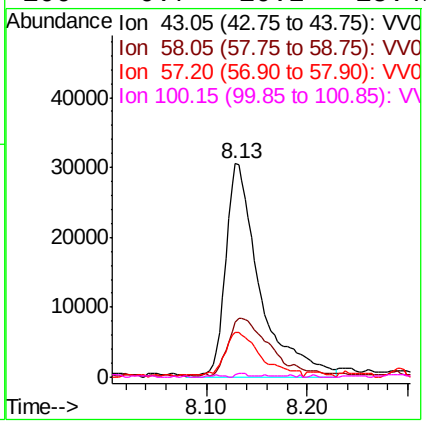


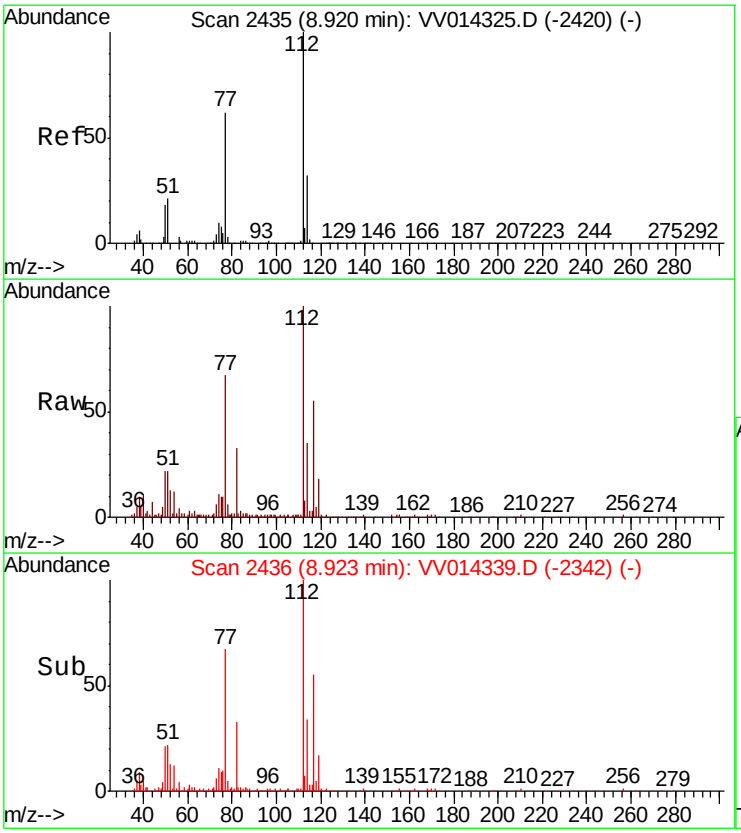
#48
2-Hexanone
Concen: 2.966 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion: 43 Resp: 72519

Ion	Ratio	Lower	Upper
43	100		
58	33.3	45.4	68.0#
57	22.9	15.8	23.8
100	0.7	10.2	15.4#

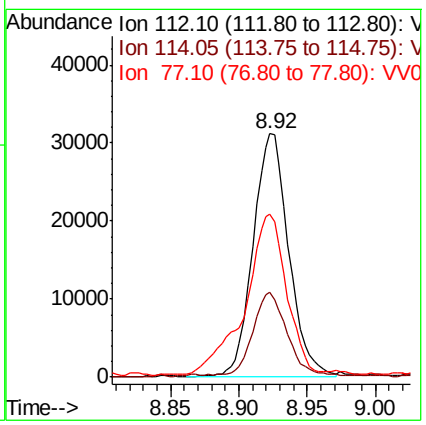


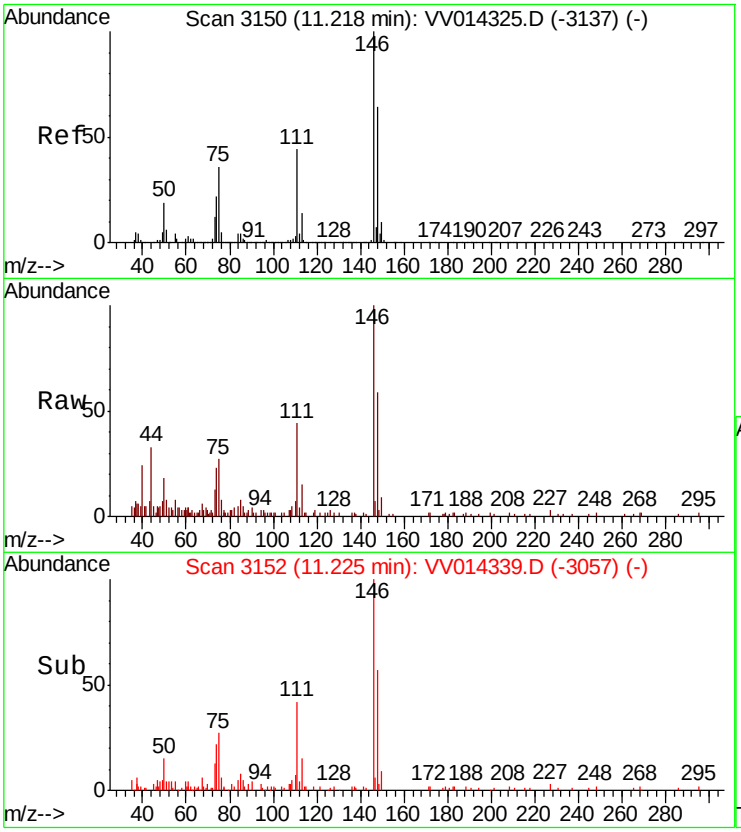


#51
Chlorobenzene
Concen: 0.394 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion:112 Resp: 56790

Ion	Ratio	Lower	Upper
112	100		
114	34.7	22.5	41.7
77	66.9	49.3	73.9



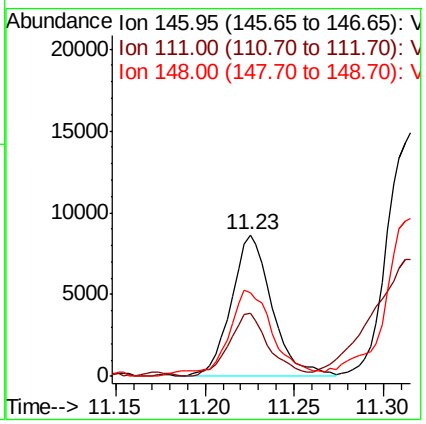


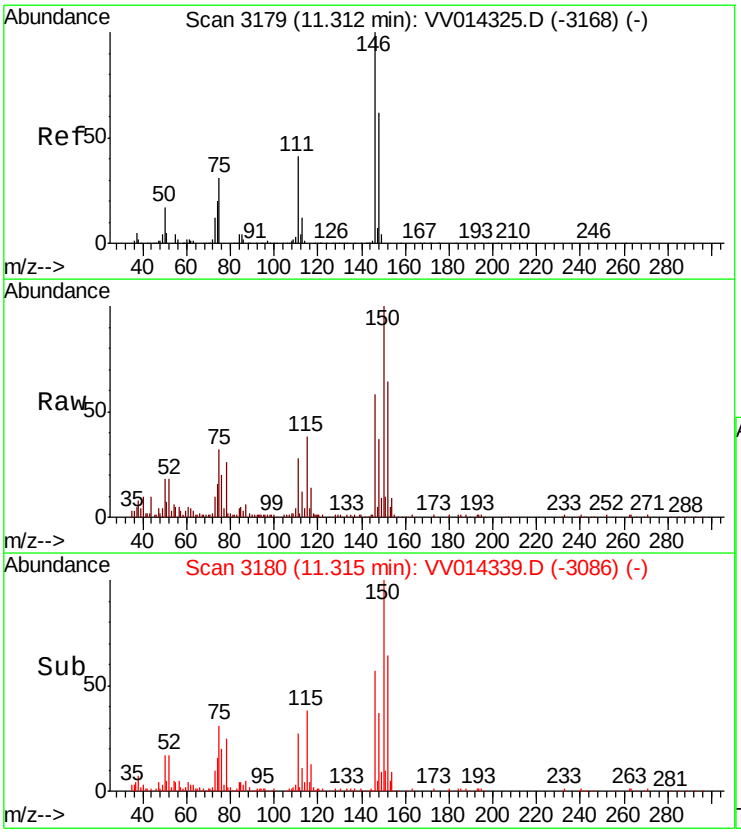
#62
1,3-Dichlorobenzene
Concen: 0.133 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument : MSVOA_V
ClientSampleId : BF770

Tgt Ion:146 Resp: 13764

Ion	Ratio	Lower	Upper
146	100		
111	44.5	30.7	57.1
148	62.1	44.4	82.5

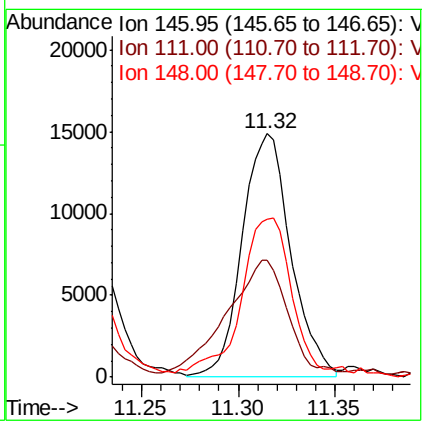


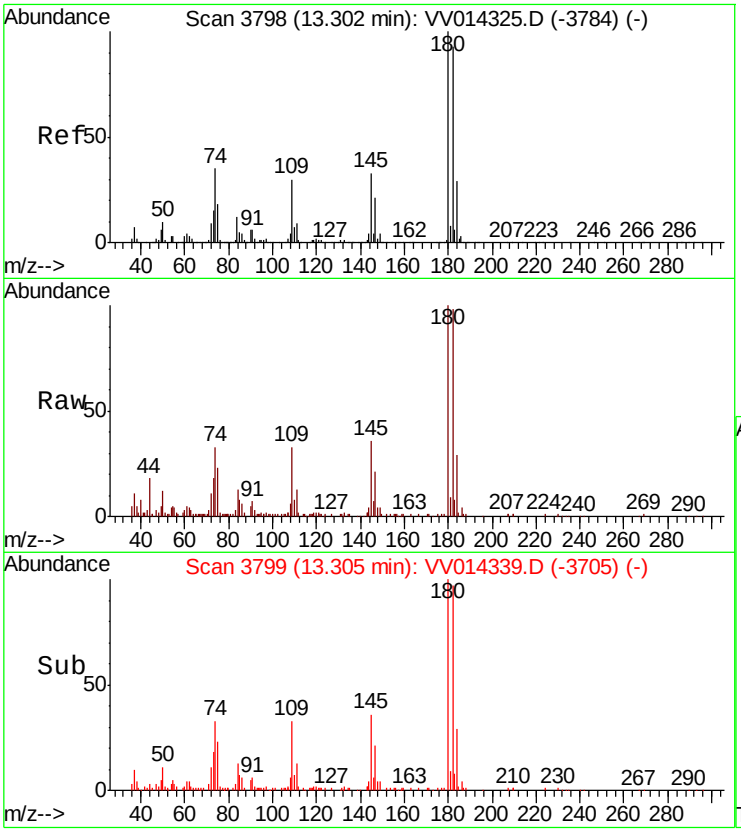


#63
1,4-Dichlorobenzene
Concen: 0.253 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion:146 Resp: 26084

Ion	Ratio	Lower	Upper
146	100		
111	47.9	28.8	53.4
148	64.8	44.5	82.7





#68
1,2,4-trichlorobenzene
Concen: 0.596 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :
BF770

Tgt Ion:180 Resp: 39332

Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.2	112.8
145	33.6	26.2	39.4