Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\

Quantitation Report (Not Reviewed)

Data File : VV014065.D
Acq On : 16 Dec 2019 12:26
Operator : SY/MD
Sample : K6281-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFQX9

Quant Time: Dec 17 05:45:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155666	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99304	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.58	69	92103	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.13	63	121394	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	3.95	46	202727	42.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.38%			
24) Chloroform-d	4.40	84	197227	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.08	65	96828	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.09	84	362682	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.00%			
36) 1,2-Dichloropropane-d6	6.11	67	120392	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	7.36	98	269840	3.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 60.20%#			
43) trans-1,3-Dichloropropene-	7.66	79	40028	3.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.20%			
46) 2-Hexanone-d5	8.14	63	150097	36.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.42%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	86269	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	127253	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	4773	0.219	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1786	0.087	ug/L #	29
12) 1,1-Dichloroethene	2.13	96	1523	0.085	ug/L #	1
13) Acetone	2.20	43	10818	3.220	ug/L #	30
16) Methylene chloride	2.53	84	7398	0.301	ug/L	88
21) 2-Butanone	4.14	43	58552	11.529	ug/L #	51
25) Chloroform	4.42	83	85697	1.997	ug/L	97
35) Methylcyclohexane	6.11	83	29490	0.882	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13312	0.570	ug/L #	88
42) Toluene	7.43	91	123155	1.264	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2169	0.084	ug/L	95
48) 2-Hexanone	8.19	43	23709	2.438	ug/L #	92
53) m,p-xylene	9.17	106	3333	0.083	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	2304	0.050	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.69	180	2094	0.055	ug/L #	87
69) Naphthalene	13.56	128	4274	0.100	ug/L #	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\

Quantitation Report (Not Reviewed)

Data File : VV014065.D
Acq On : 16 Dec 2019 12:26
Operator : SY/MD
Sample : K6281-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFQX9

Quant Time: Dec 17 05:45:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\

Quantitation Report (Not Reviewed)

Data File : VV014065.D
Acq On : 16 Dec 2019 12:26
Operator : SY/MD
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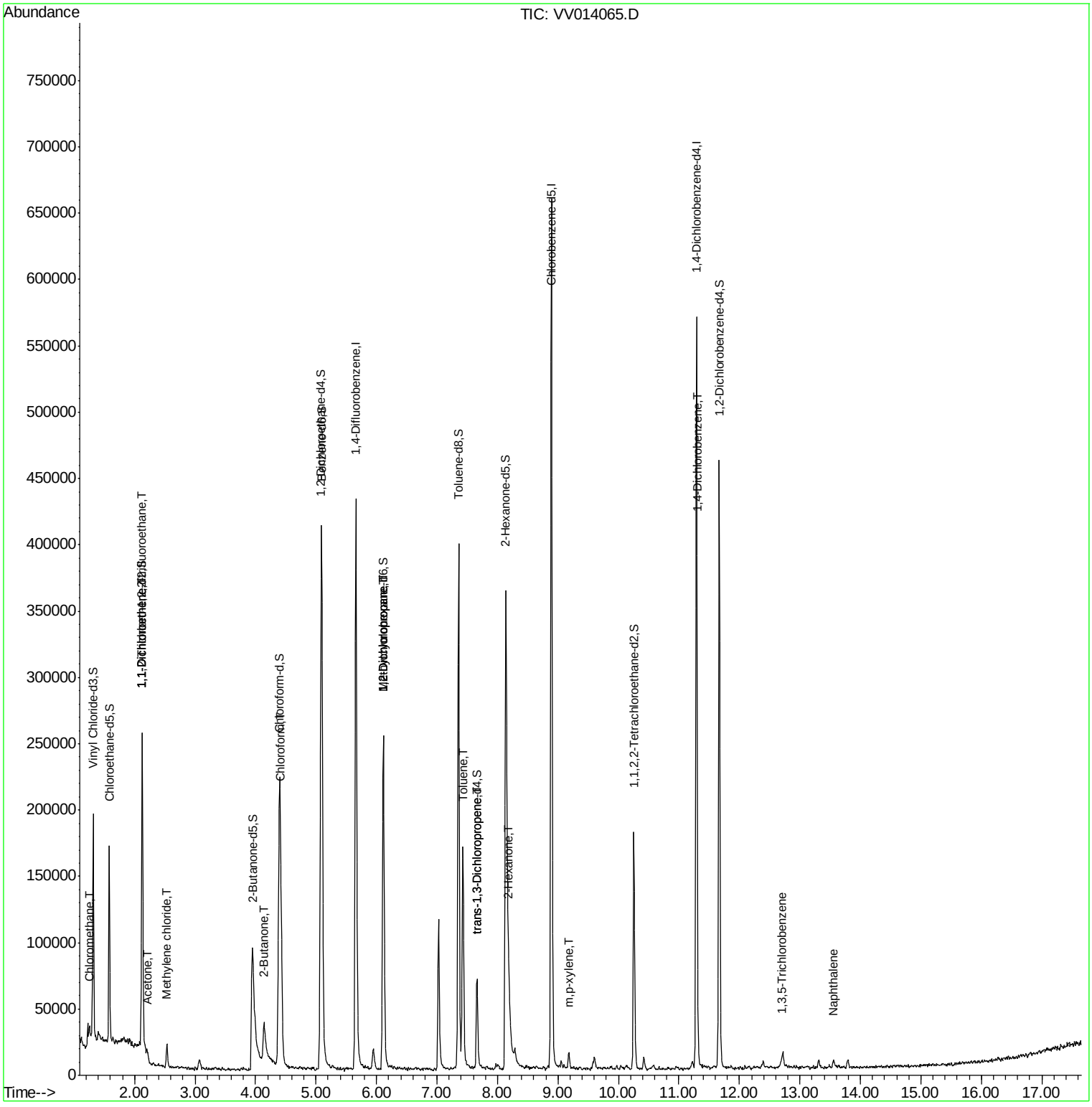
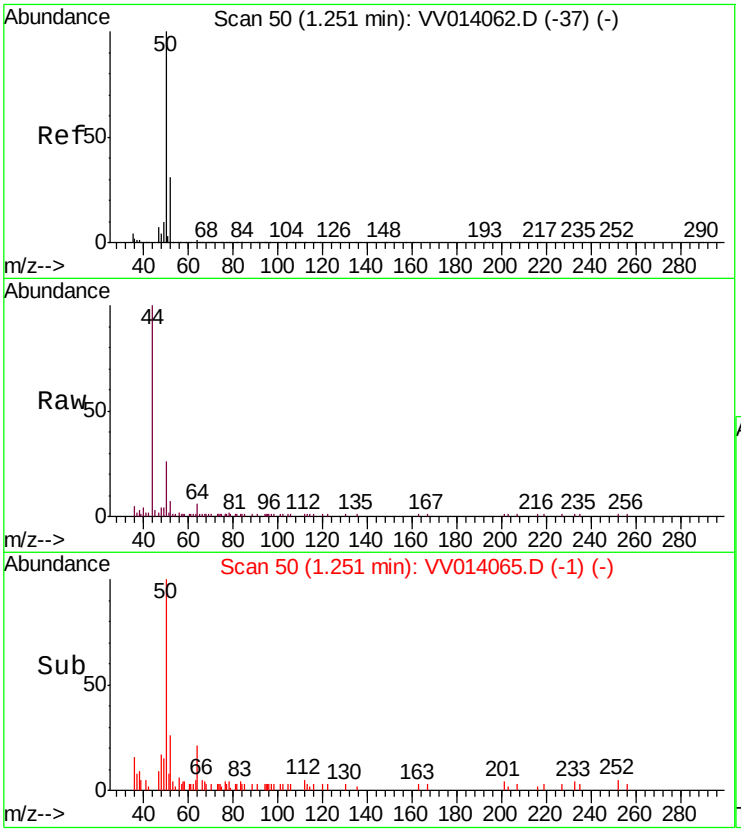
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration



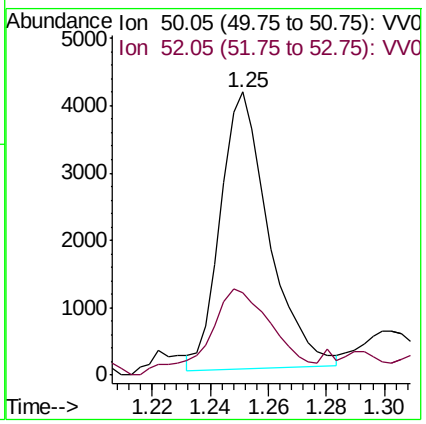


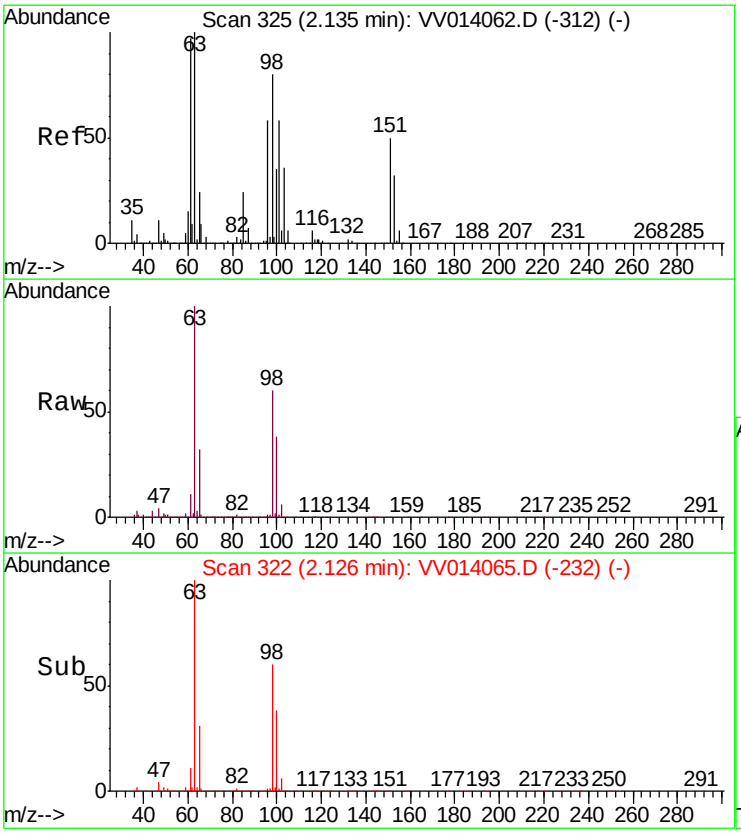
#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
BFQX9

Tgt Ion: 50 Resp: 4773

Ion	Ratio	Lower	Upper
50	100		
52	29.0	22.5	41.7

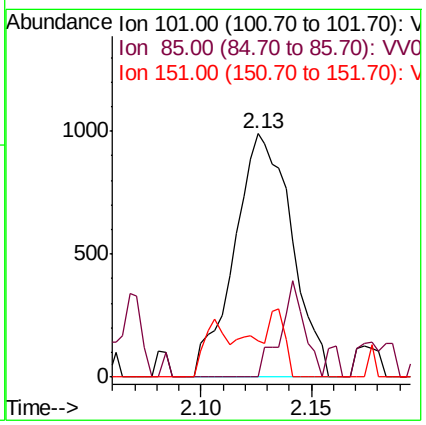


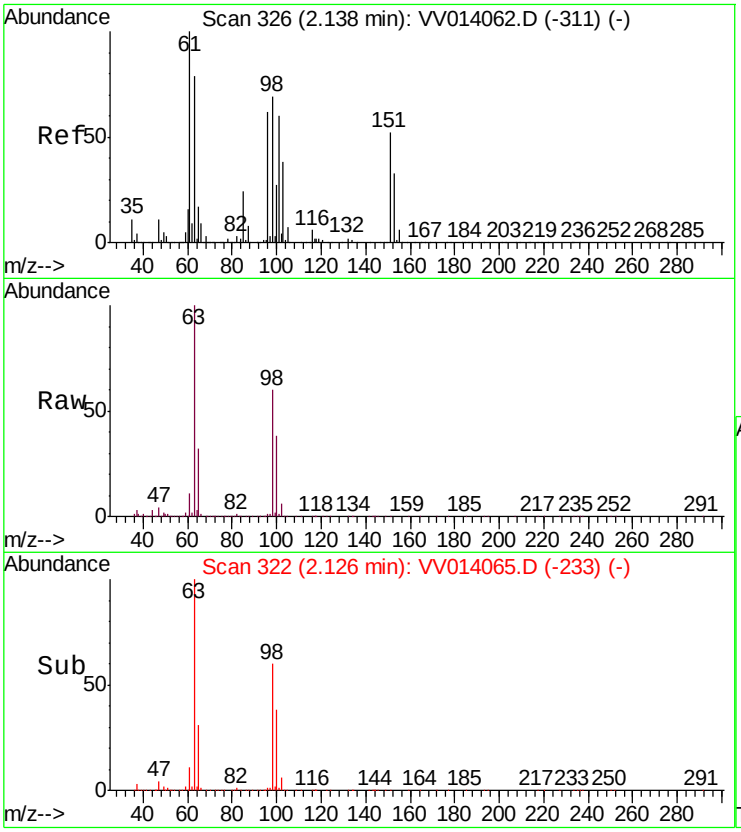


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion:101 Resp: 1786

Ion	Ratio	Lower	Upper
101	100		
85	16.3	33.4	50.0#
151	7.6	69.4	104.0#



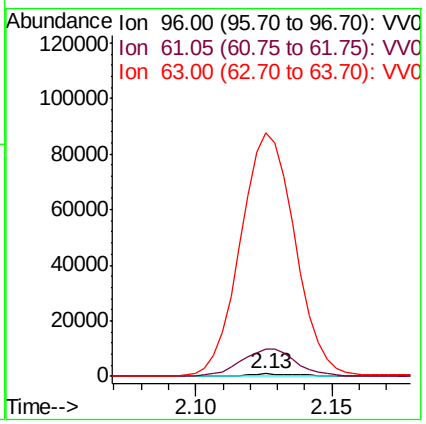


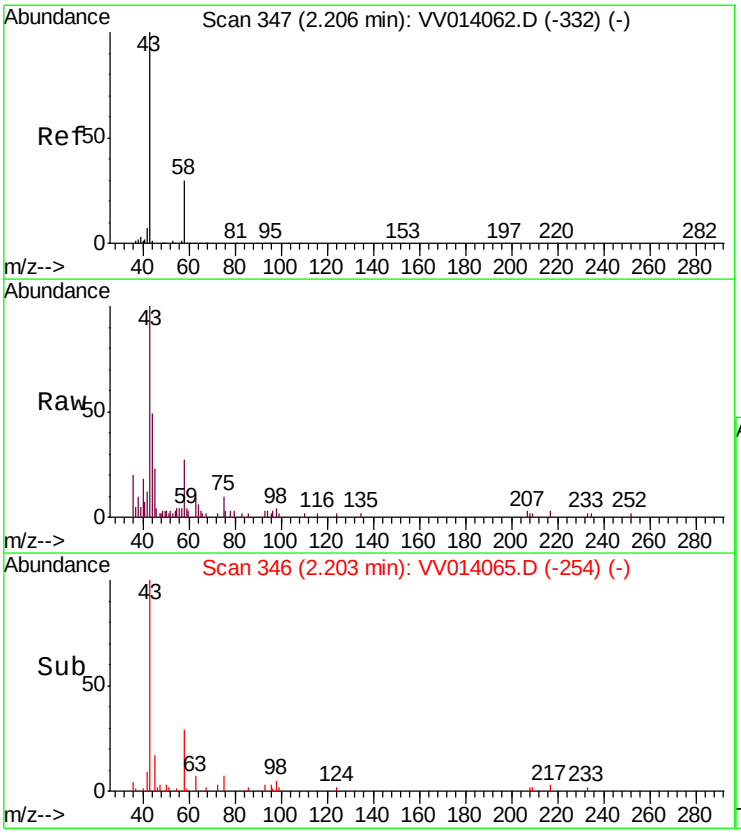
#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument : MSVOA_V
ClientSampleId : BFQX9

Tgt Ion: 96 Resp: 1523

Ion	Ratio	Lower	Upper
96	100		
61	1059.0	116.3	215.9#
63	9484.0	96.7	179.7#

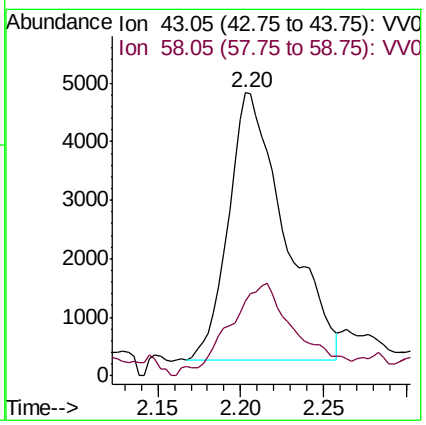


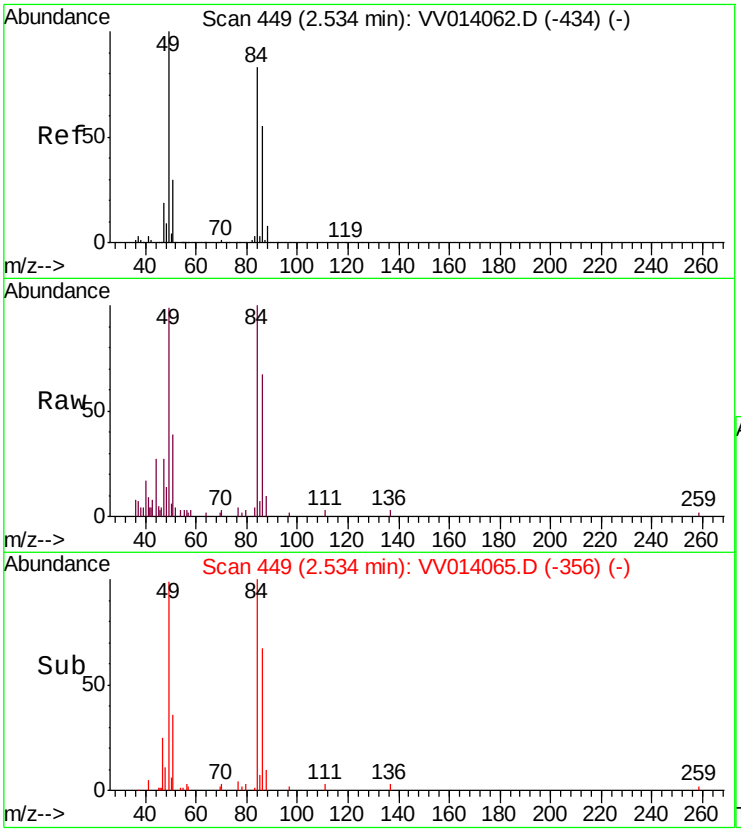


#13
Acetone
Concen: 3.220 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 43 Resp: 10818

Ion	Ratio	Lower	Upper
43	100		
58	41.8	0.0	27.2#



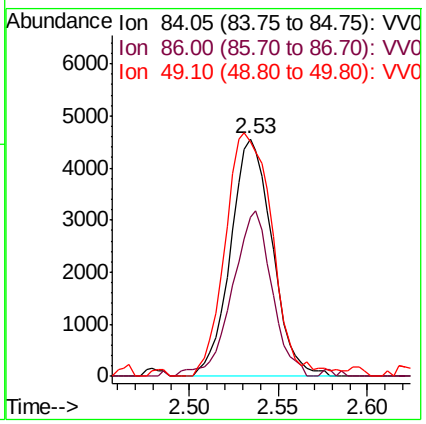


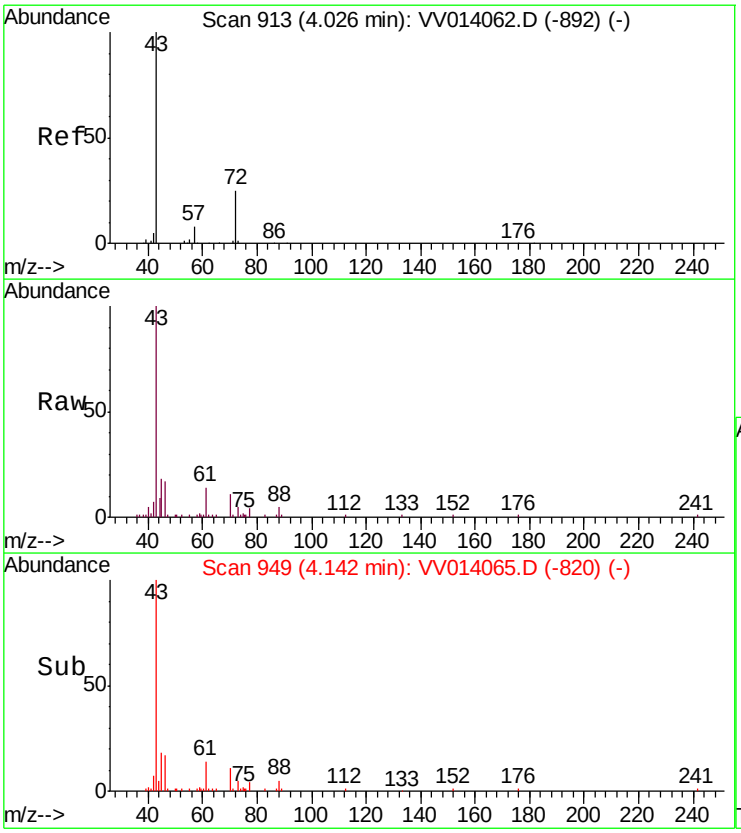
#16
Methylene chloride
Concen: 0.301 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
BFQX9

Tgt Ion: 84 Resp: 7398

Ion	Ratio	Lower	Upper
84	100		
86	67.0	44.0	81.6
49	98.8	81.5	151.5

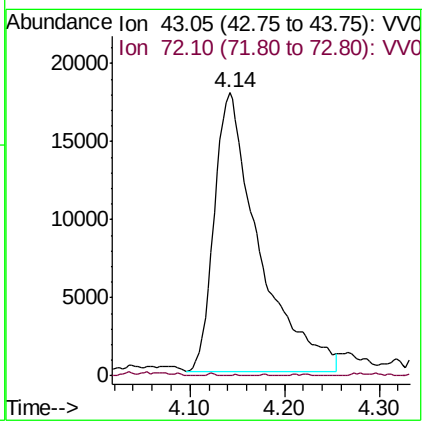


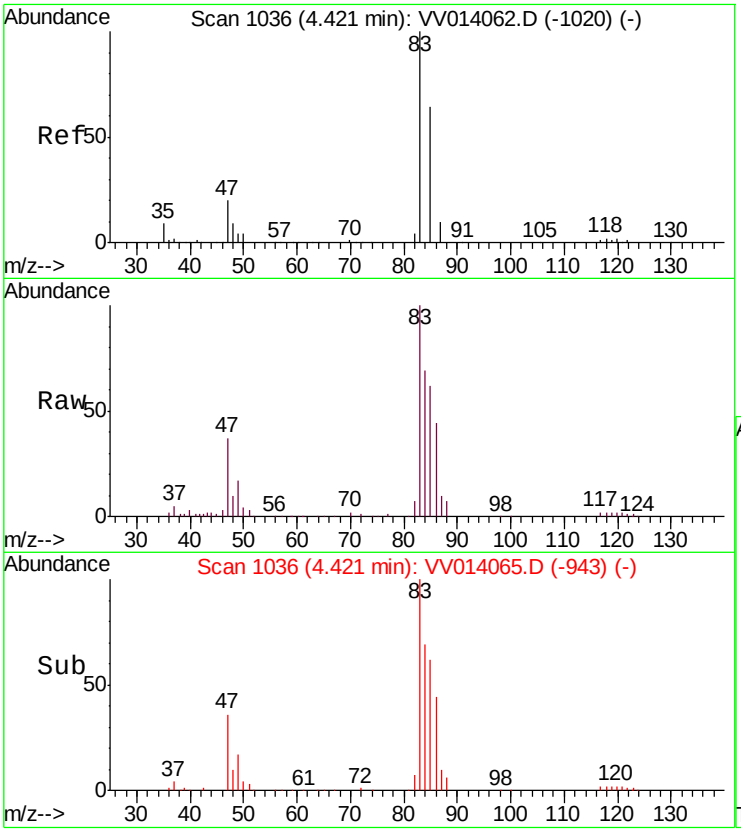


#21
2-Butanone
Concen: 11.529 ug/L
RT: 4.14 min Scan# 949
Delta R.T. 0.12 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 43 Resp: 58552

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	36.9#



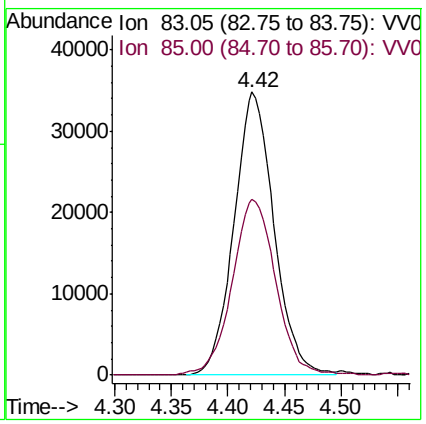


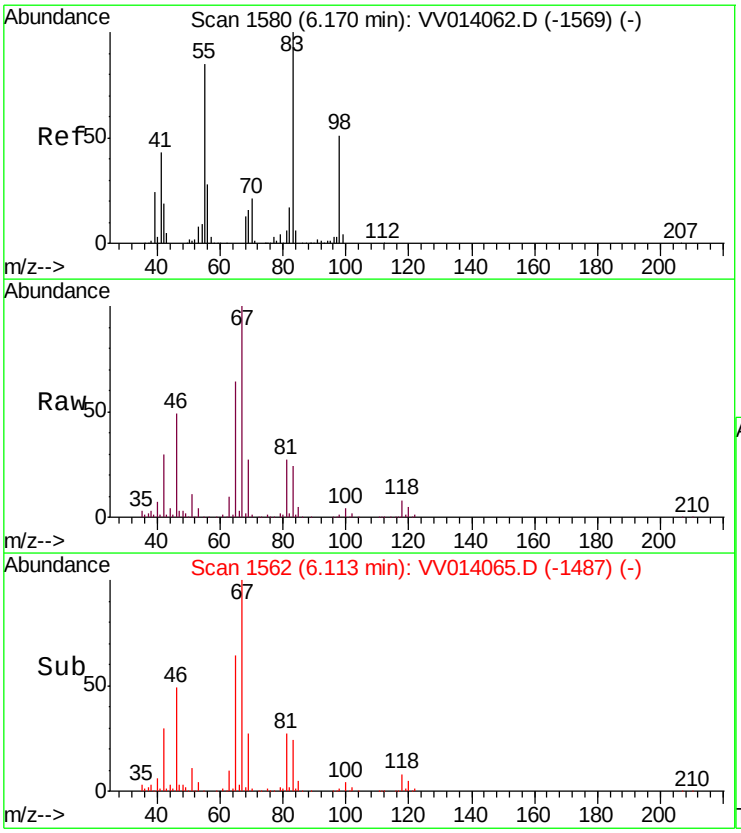
#25
Chloroform
Concen: 1.997 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
BFQX9

Tgt Ion: 83 Resp: 85697

Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.1	83.7

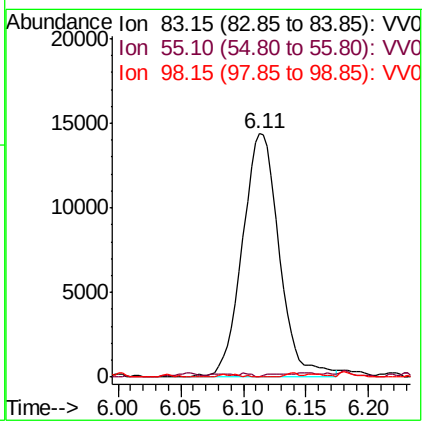


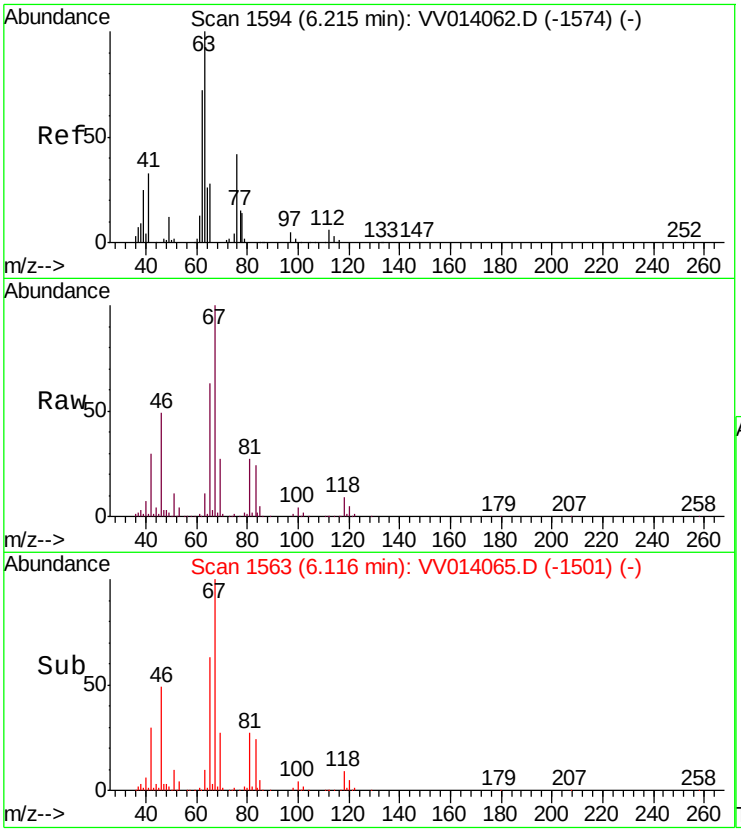


#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 83 Resp: 29490

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.3	90.5#
98	0.6	38.1	57.1#



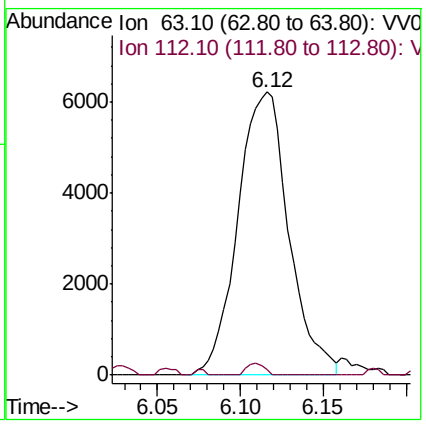


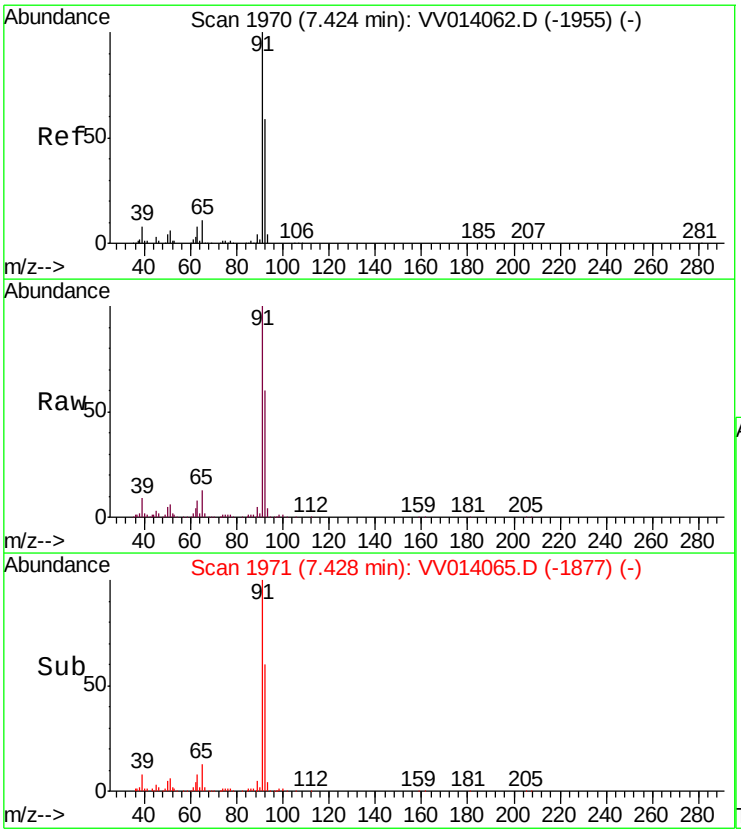
#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument : MSVOA_V
ClientSampleId : BFQX9

Tgt Ion: 63 Resp: 13312

Ion	Ratio	Lower	Upper
63	100		
112	1.5	4.4	6.6#

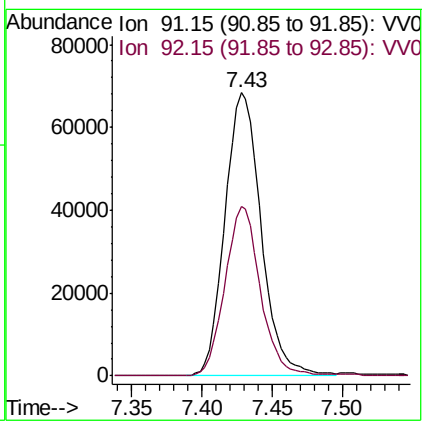


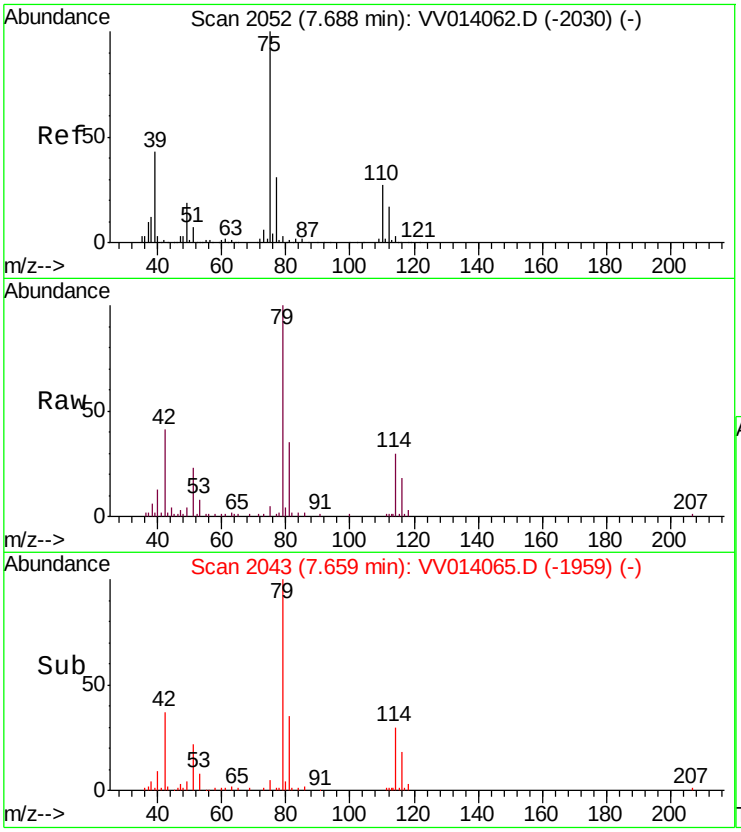


#42
Toluene
Concen: 1.264 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 91 Resp: 123155

Ion	Ratio	Lower	Upper
91	100		
92	59.7	41.1	76.3



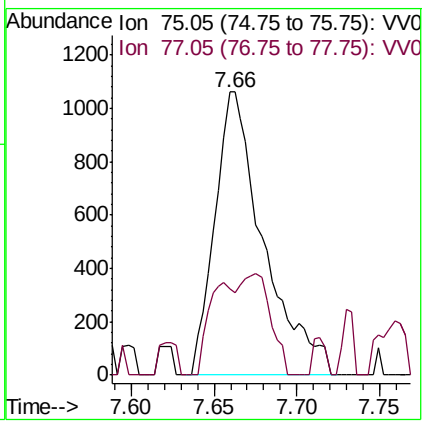


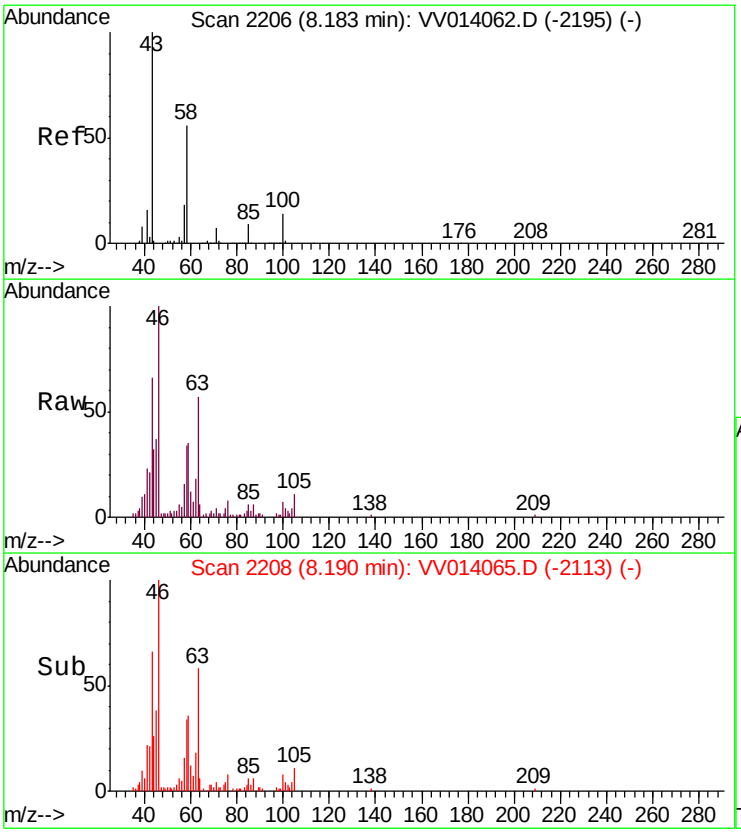
#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
BFQX9

Tgt Ion: 75 Resp: 2169

Ion	Ratio	Lower	Upper
75	100		
77	30.3	23.0	42.8

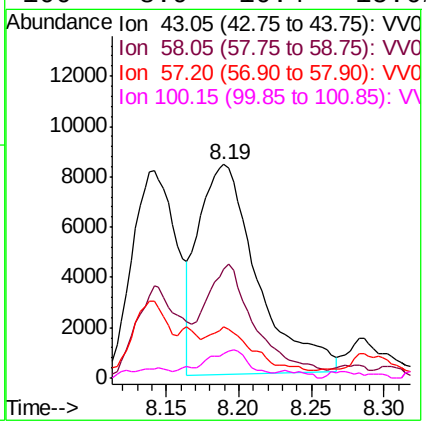


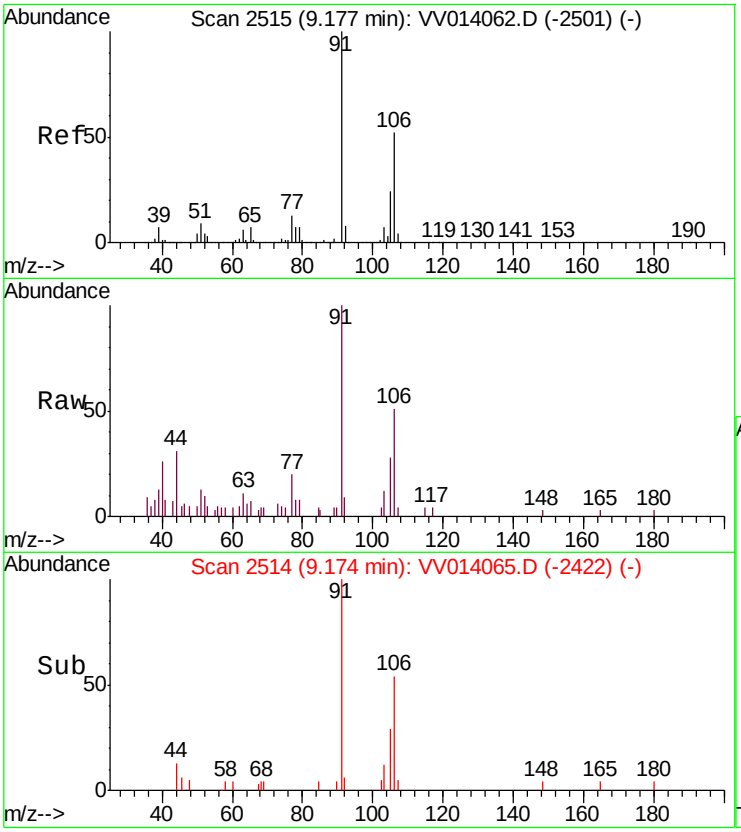


#48
2-Hexanone
Concen: 2.438 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 43 Resp: 23709

Ion	Ratio	Lower	Upper
43	100		
58	47.1	43.2	64.8
57	18.6	15.4	23.2
100	8.9	10.4	15.6#



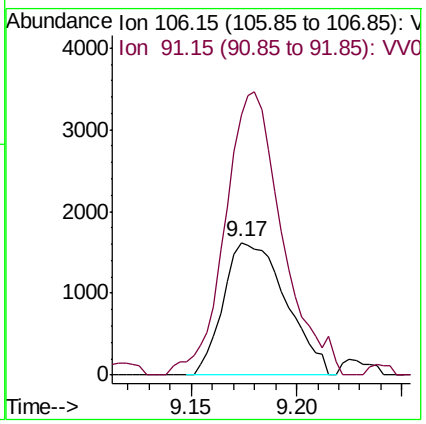


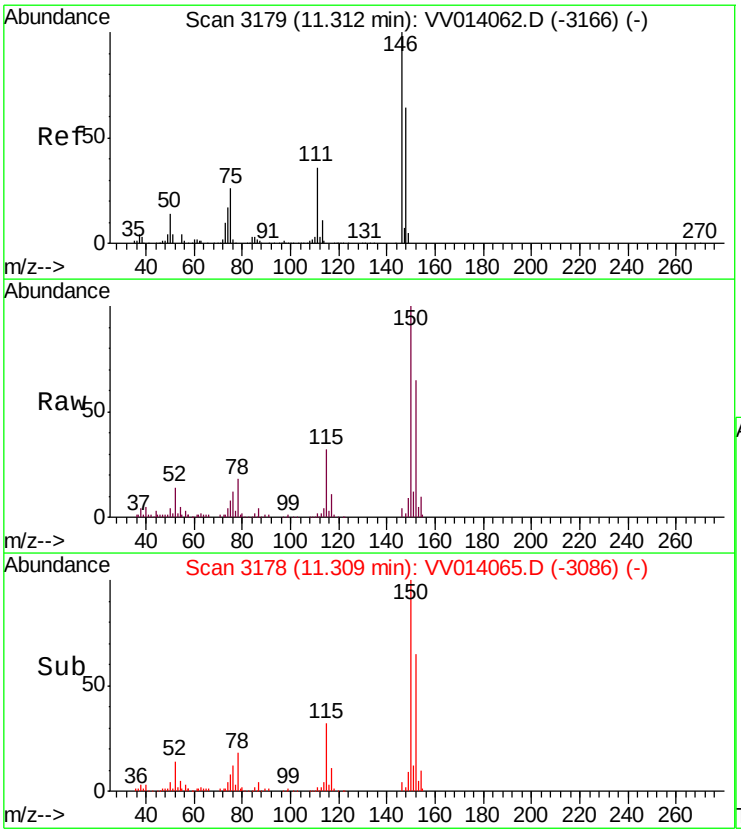
#53
m,p-xylene
Concen: 0.083 ug/L
RT: 9.17 min Scan# 2514
Delta R.T. -0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
BFQX9

Tgt Ion:106 Resp: 3333

Ion	Ratio	Lower	Upper
106	100		
91	195.6	139.9	259.9

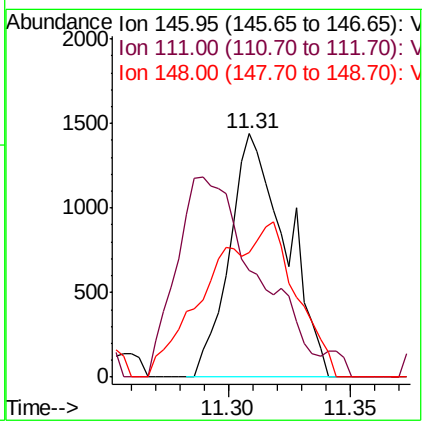


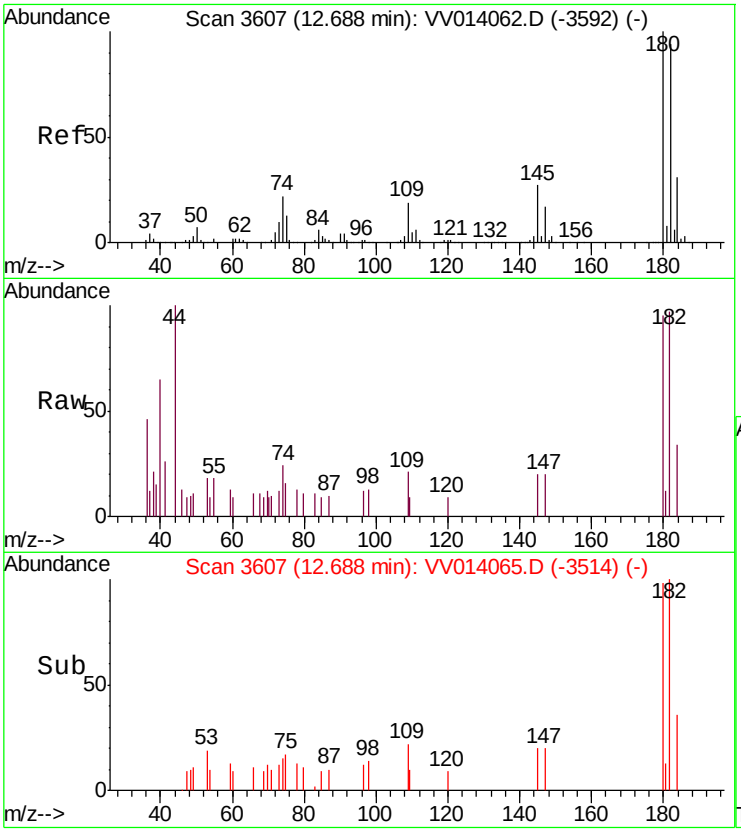


#63
1,4-Dichlorobenzene
Concen: 0.050 ug/L
RT: 11.31 min Scan# 3178
Delta R.T. -0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion:146 Resp: 2304

Ion	Ratio	Lower	Upper
146	100		
111	51.1	25.0	46.4#
148	51.2	45.4	84.2



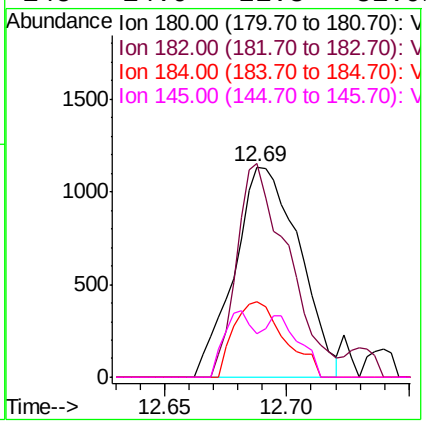


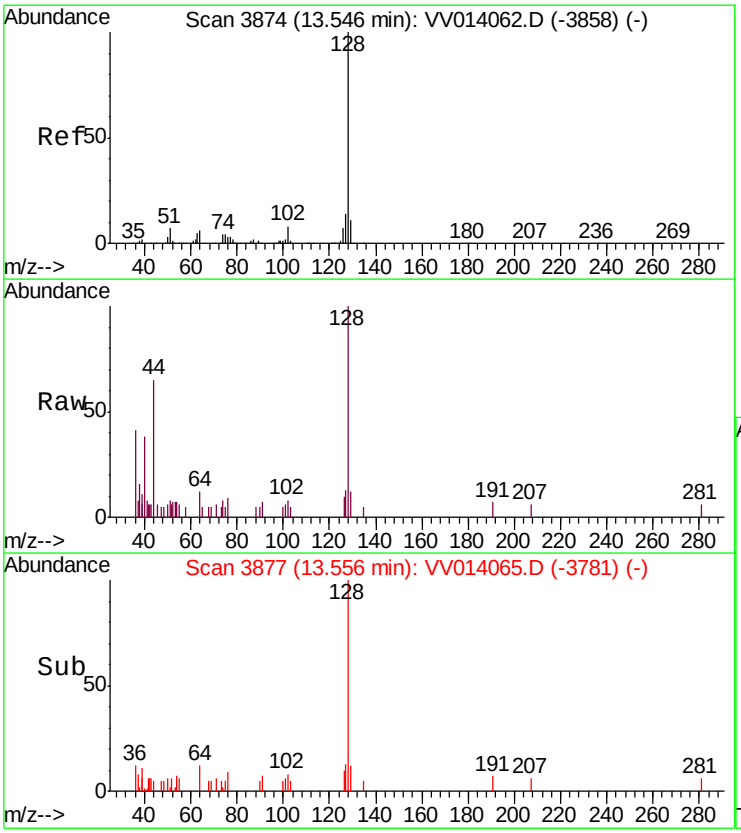
#67
1,3,5-Trichlorobenzene
Concen: 0.055 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Instrument : MSVOA_V
ClientSampleId : BFQX9

Tgt Ion:180 Resp: 2094

Ion	Ratio	Lower	Upper
180	100		
182	80.8	74.8	112.2
184	28.0	23.2	34.8
145	14.9	21.3	31.9#





#69
Naphthalene
Concen: 0.100 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion:128 Resp: 4274

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	6.7	10.6	16.0#