Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014169.D
Acq On : 23 Dec 2019 19:55
Operator : SY/MD
Sample : K6404-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168005	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	132350	5.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.40%			
7) Chloroethane-d5	1.58	69	116409	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.13	63	178691	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	3.92	46	291361	58.65	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.30%			
24) Chloroform-d	4.40	84	253243	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.08	65	127338	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
32) Benzene-d6	5.10	84	509106	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%			
36) 1,2-Dichloropropane-d6	6.11	67	154846	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	7.36	98	428313	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.66	79	52095	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.13	63	218209	57.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.36%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104230	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	169682	5.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	4312	0.141	ug/L	93
6) Bromomethane	1.53	94	4123	0.262	ug/L	82
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1844	0.085	ug/L #	16
13) Acetone	2.19	43	19835	4.901	ug/L	96
14) Carbon disulfide	2.32	76	356496	5.069	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	19796	0.380	ug/L #	57
27) 1,2-Dichloroethane	5.10	62	3229	0.119	ug/L	99
30) Cyclohexane	4.72	56	3184	0.084	ug/L #	62
33) Benzene	5.15	78	20738	0.217	ug/L	100
35) Methylcyclohexane	6.17	83	7225	0.193	ug/L	95
37) 1,2-Dichloropropane	6.12	63	17715	0.750	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	3792	0.114	ug/L #	43
42) Toluene	7.43	91	60355	0.603	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	2612	0.100	ug/L	88
48) 2-Hexanone	8.13	43	25639	2.729	ug/L #	83
51) Chlorobenzene	8.92	112	6785	0.104	ug/L	93
52) Ethylbenzene	9.05	91	12376	0.119	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014169.D
Acq On : 23 Dec 2019 19:55
Operator : SY/MD
Sample : K6404-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-xylene	9.18	106	18265	0.453	ug/L		92
54) o-xylene	9.59	106	10050	0.265	ug/L		95
62) 1,3-Dichlorobenzene	11.31	146	45734	0.933	ug/L		99
63) 1,4-Dichlorobenzene	11.31	146	45734	0.921	ug/L		99
65) 1,2-Dichlorobenzene	11.68	146	46111	1.010	ug/L		92
68) 1,2,4-trichlorobenzene	13.30	180	7743	0.235	ug/L	#	97
69) Naphthalene	13.55	128	221363	5.128	ug/L		99

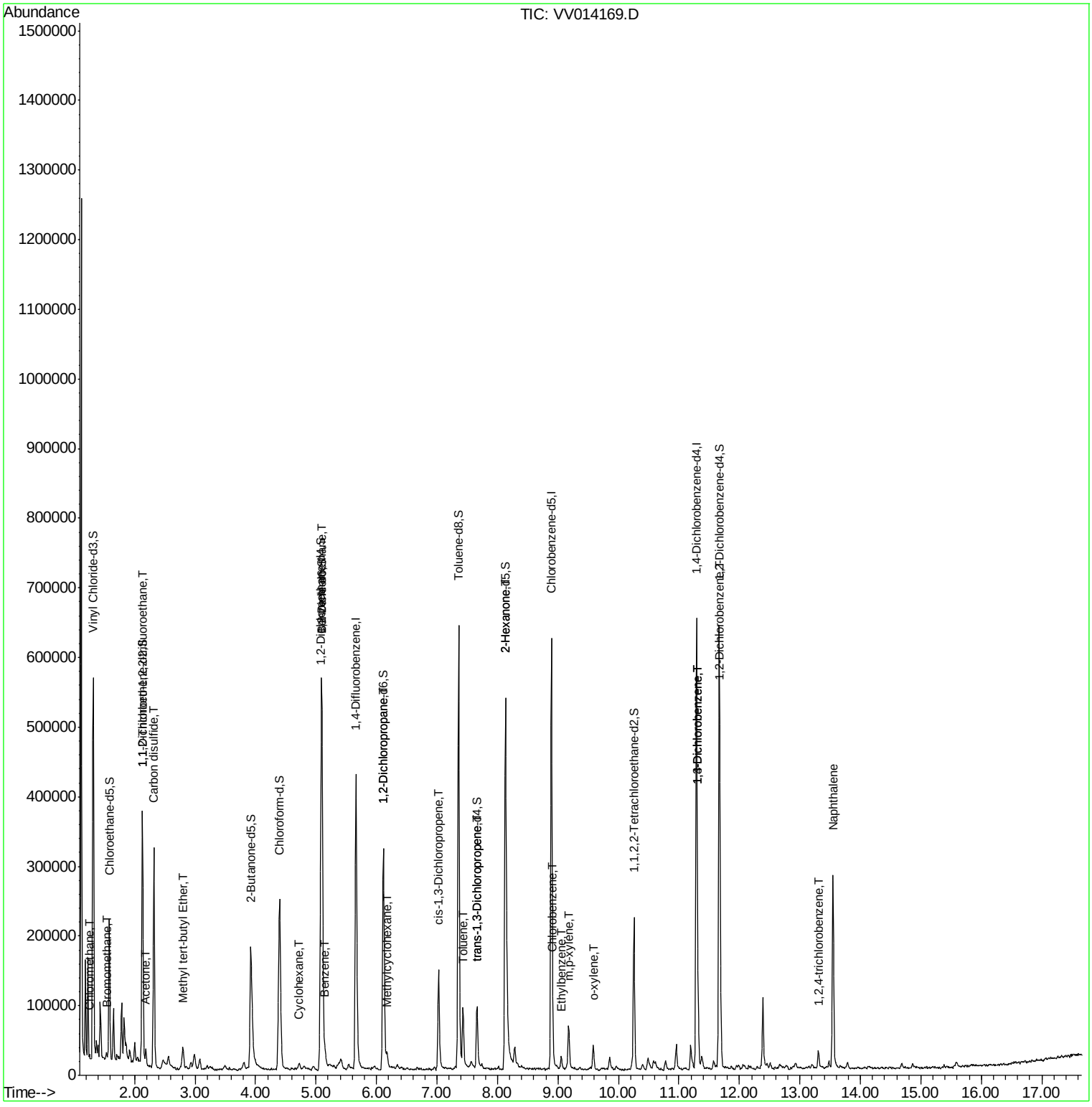
(#) = qualifier out of range (m) = manual integration (+) = signals summed

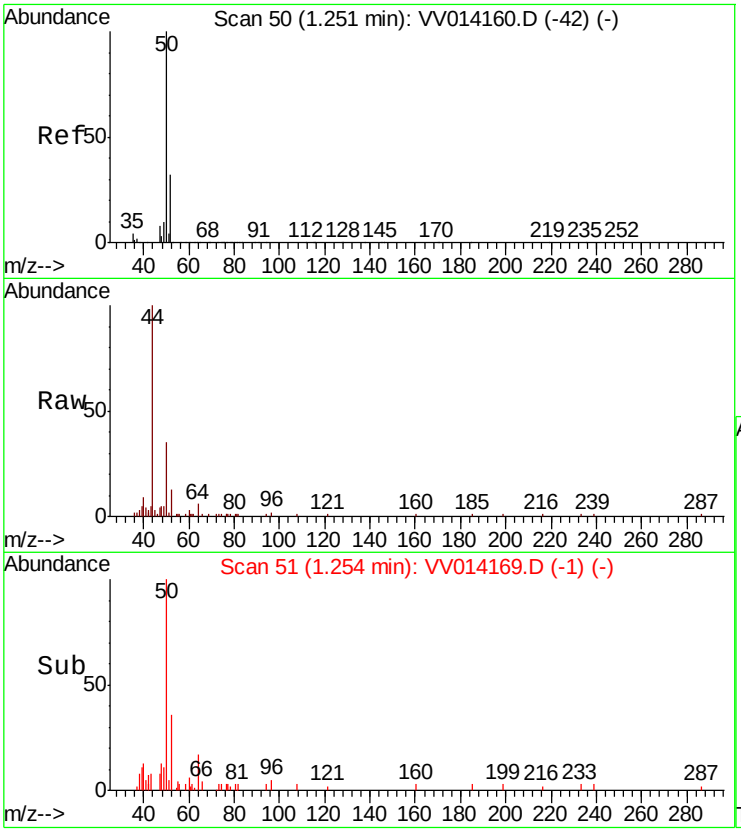
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014169.D
Acq On : 23 Dec 2019 19:55
Operator : SY/MD
Sample : K6404-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration



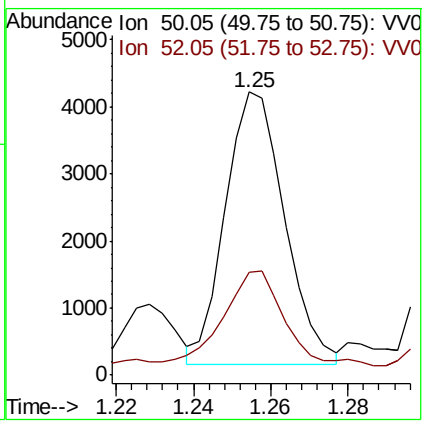


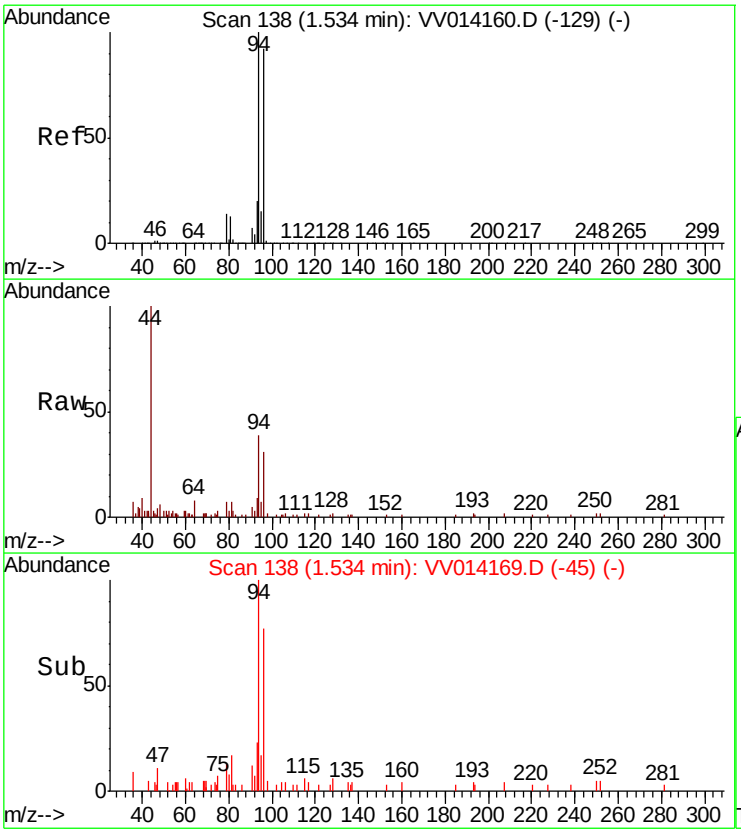
#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 4312

Ion	Ratio	Lower	Upper
50	100		
52	36.4	22.9	42.5

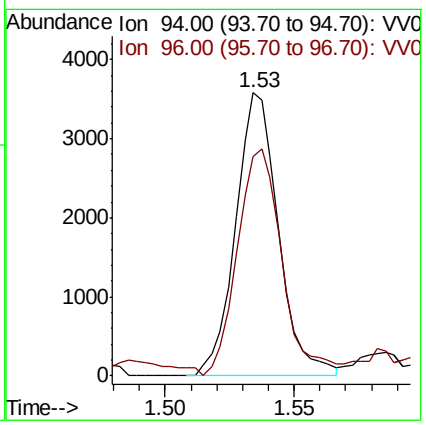


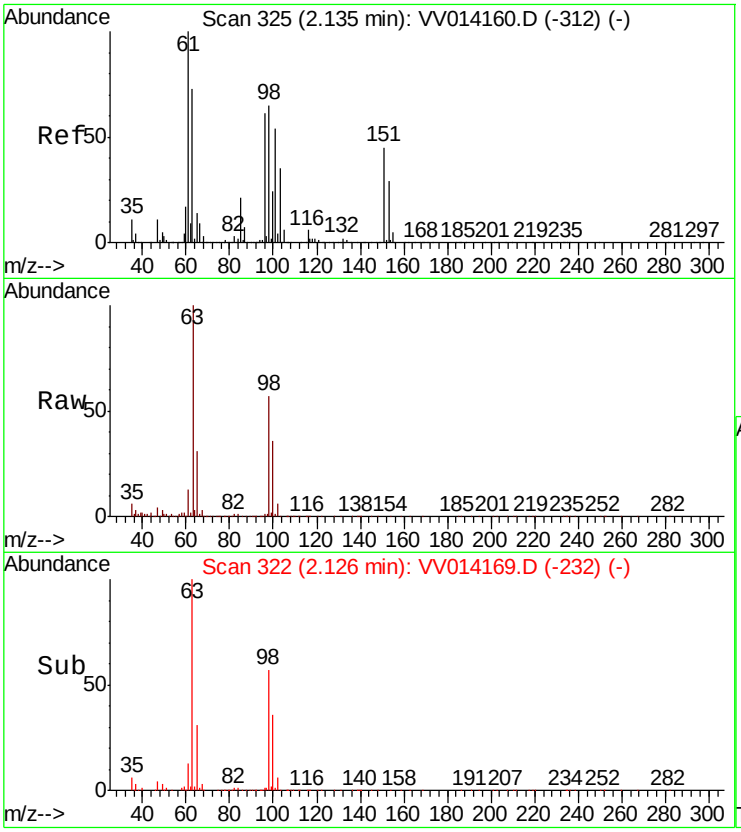


#6
Bromomethane
Concen: 0.262 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 94 Resp: 4123

Ion	Ratio	Lower	Upper
94	100		
96	77.5	66.4	123.4



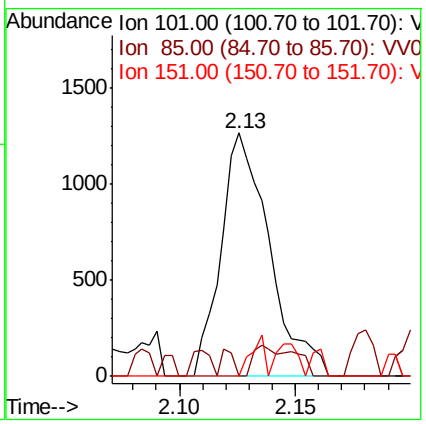


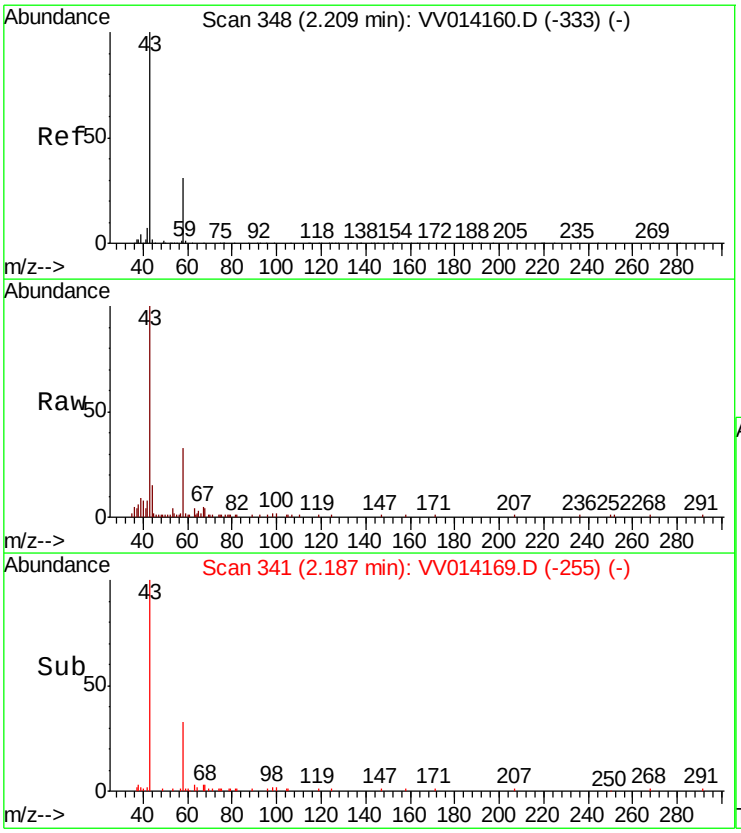
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.085 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1844

Ion	Ratio	Lower	Upper
101	100		
85	2.8	34.7	52.1#
151	0.0	69.1	103.7#

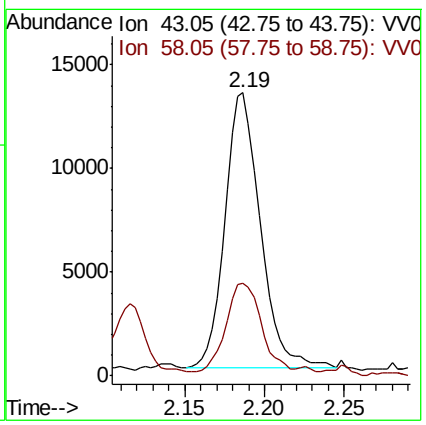


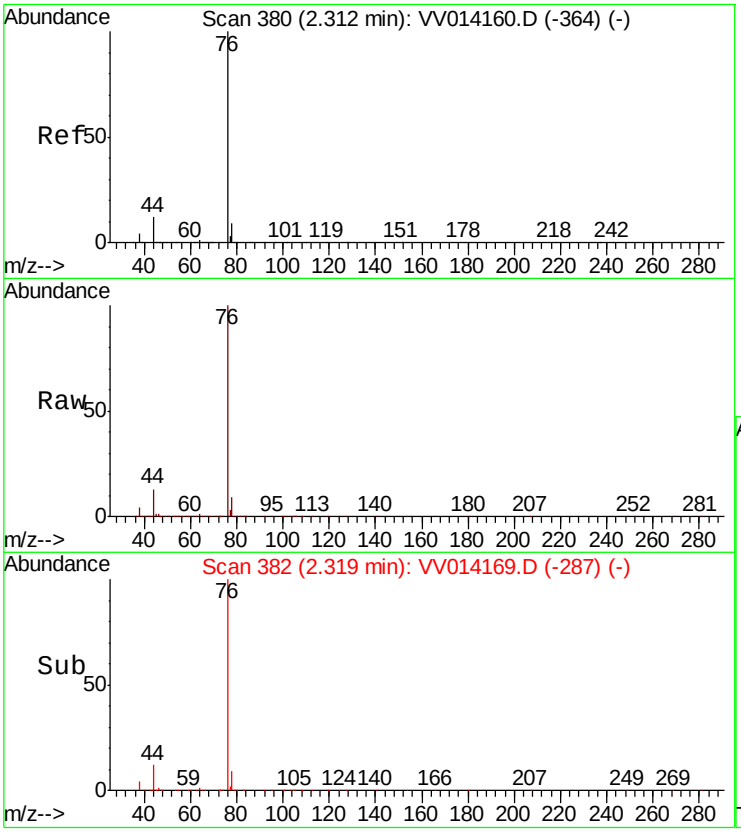


#13
Acetone
Concen: 4.901 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 43 Resp: 19835

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	58.8



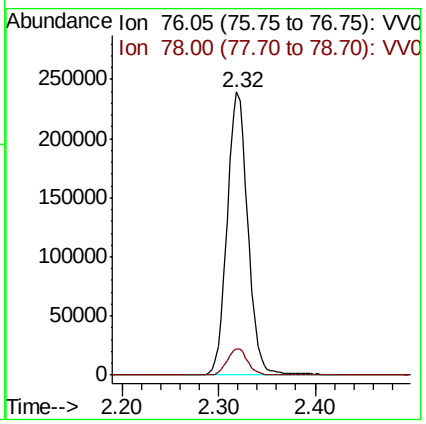


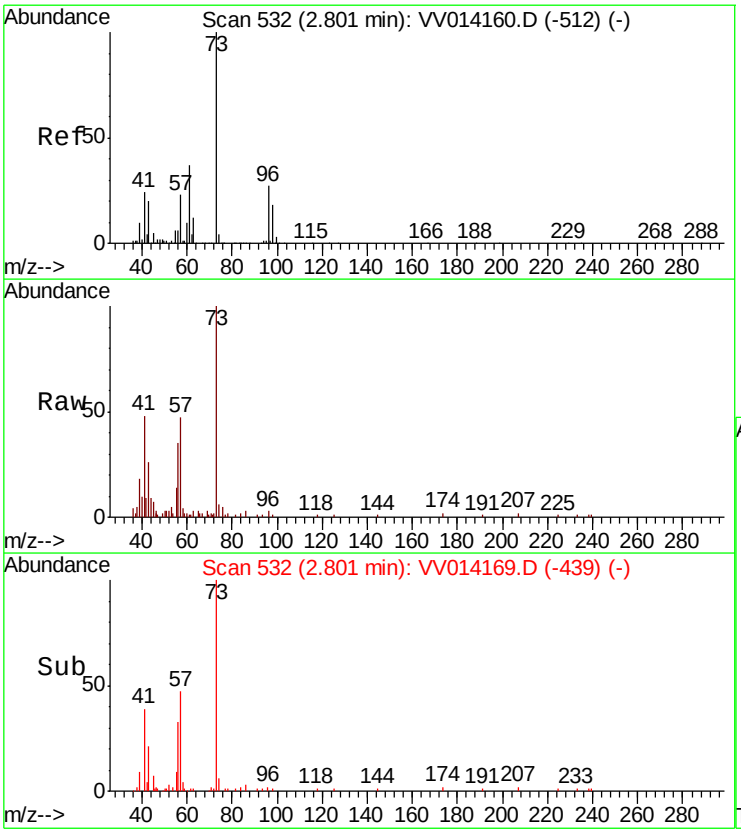
#14
Carbon disulfide
Concen: 5.069 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 356496

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

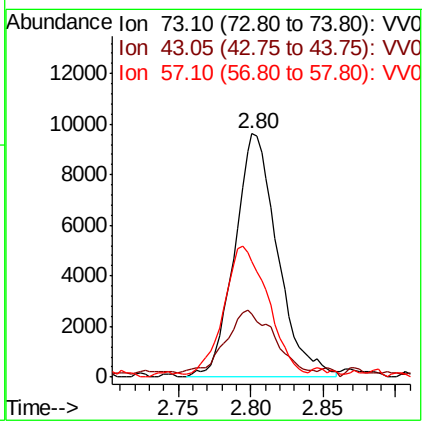


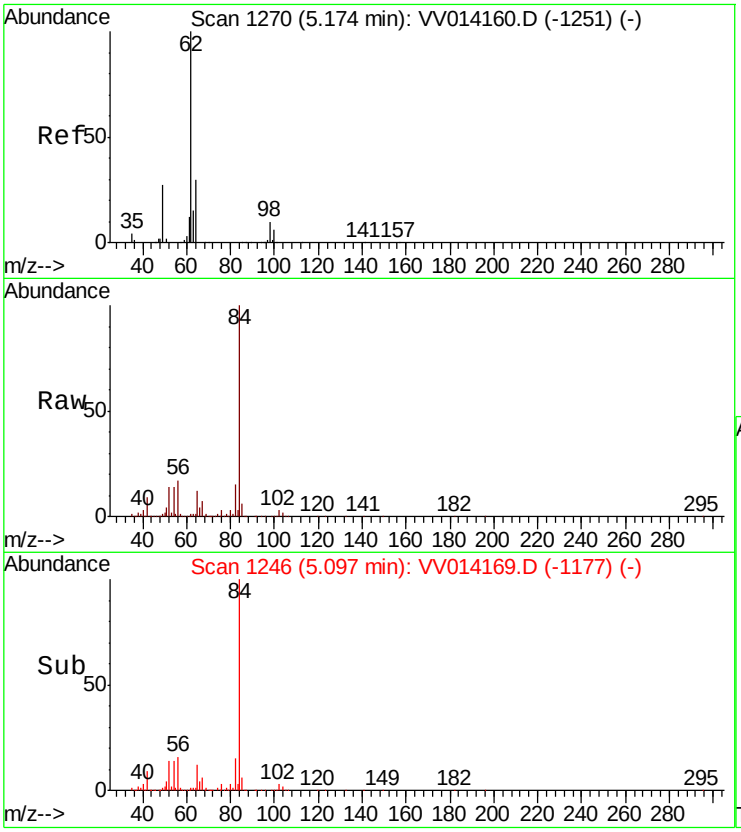


#17
Methyl tert-butyl Ether
Concen: 0.380 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 73 Resp: 19796

Ion	Ratio	Lower	Upper
73	100		
43	28.1	15.8	23.8#
57	54.2	18.6	28.0#



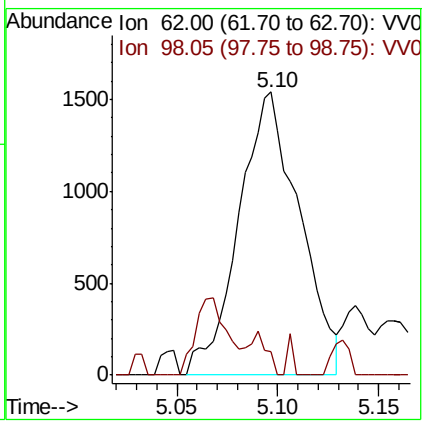


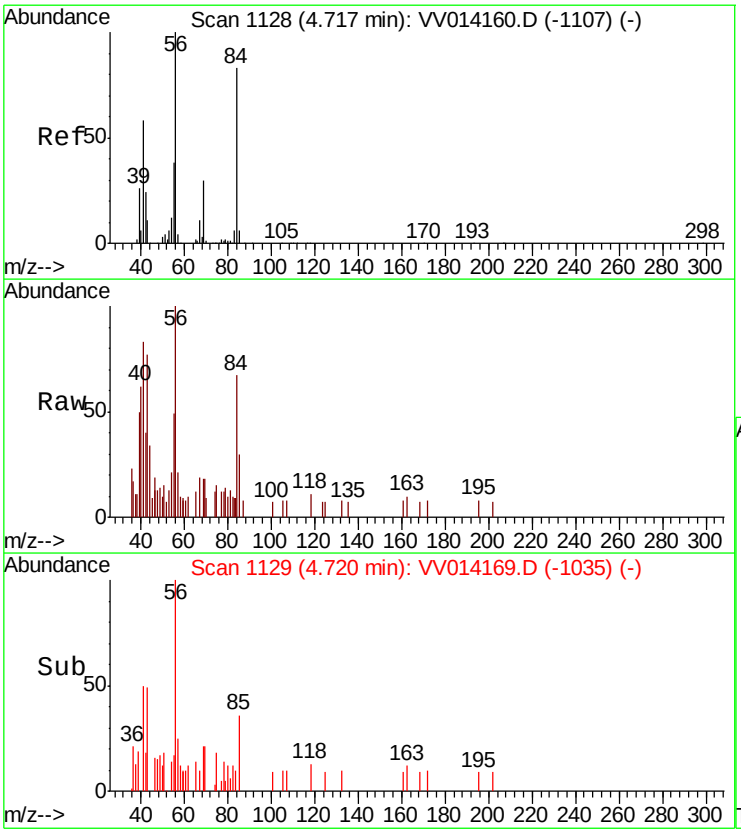
#27
1,2-Dichloroethane
Concen: 0.119 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 3229

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.0	10.6

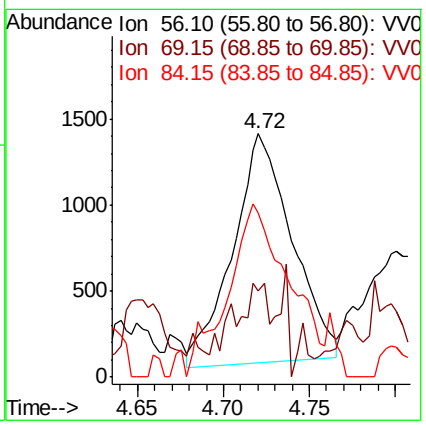


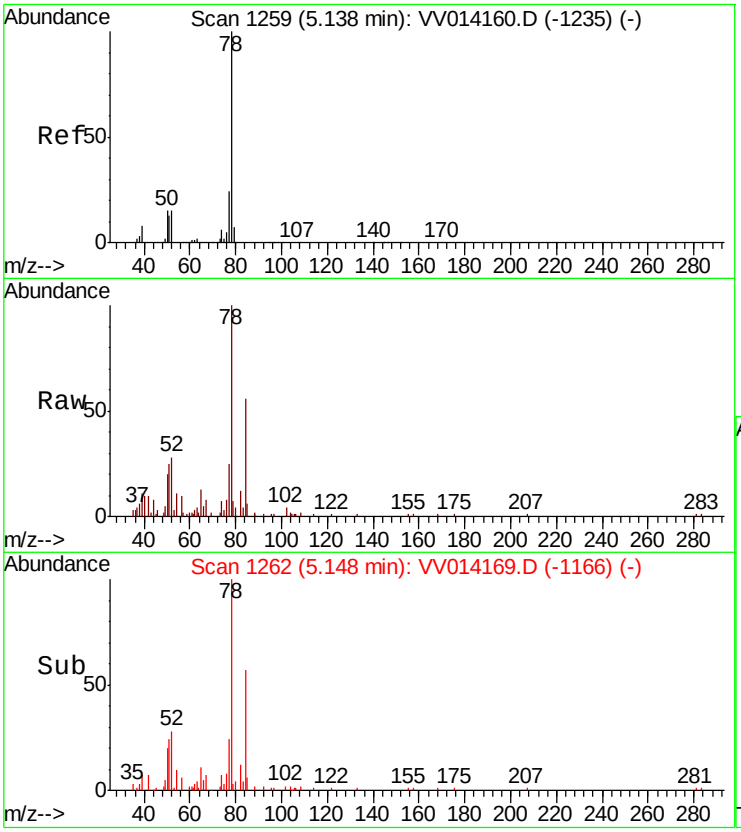


#30
Cyclohexane
Concen: 0.084 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 56 Resp: 3184

Ion	Ratio	Lower	Upper
56	100		
69	12.5	24.4	36.6#
84	49.3	68.3	102.5#

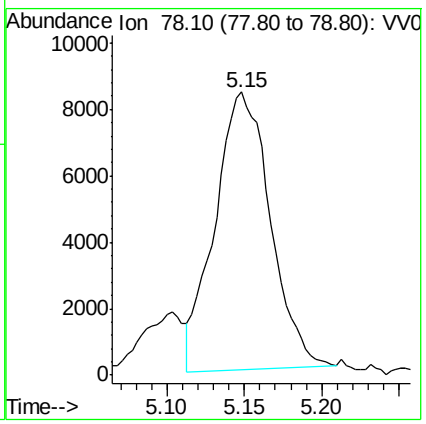


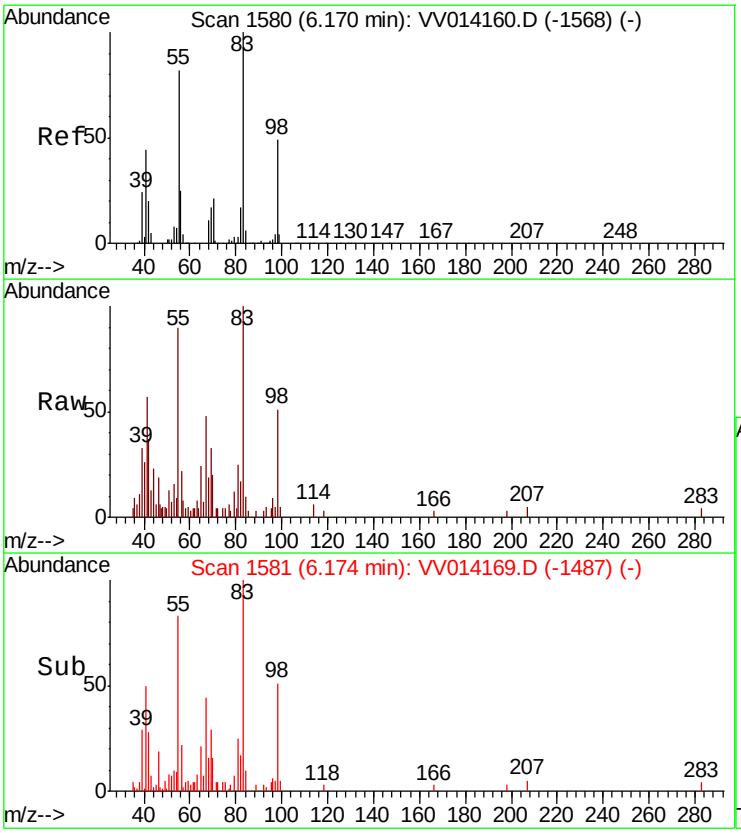


#33
Benzene
Concen: 0.217 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 20738

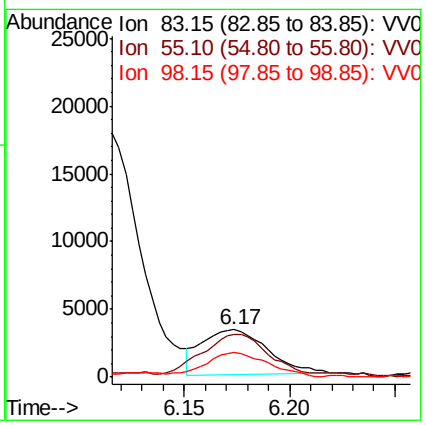


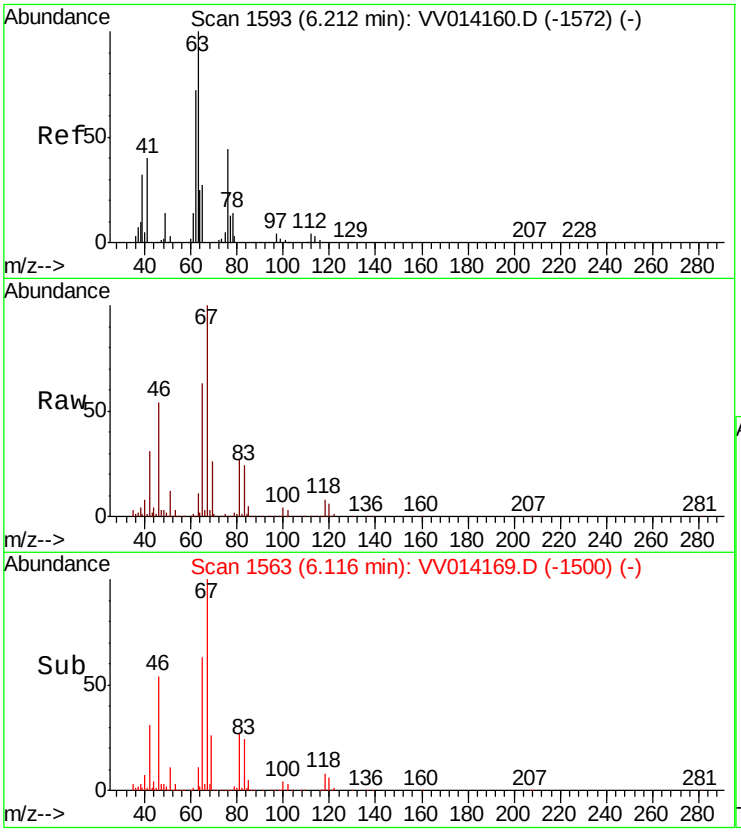


#35
Methylcyclohexane
Concen: 0.193 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 83 Resp: 7225

Ion	Ratio	Lower	Upper
83	100		
55	85.8	65.3	97.9
98	52.3	39.2	58.8



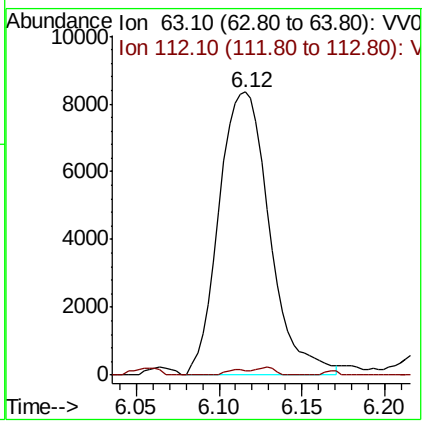


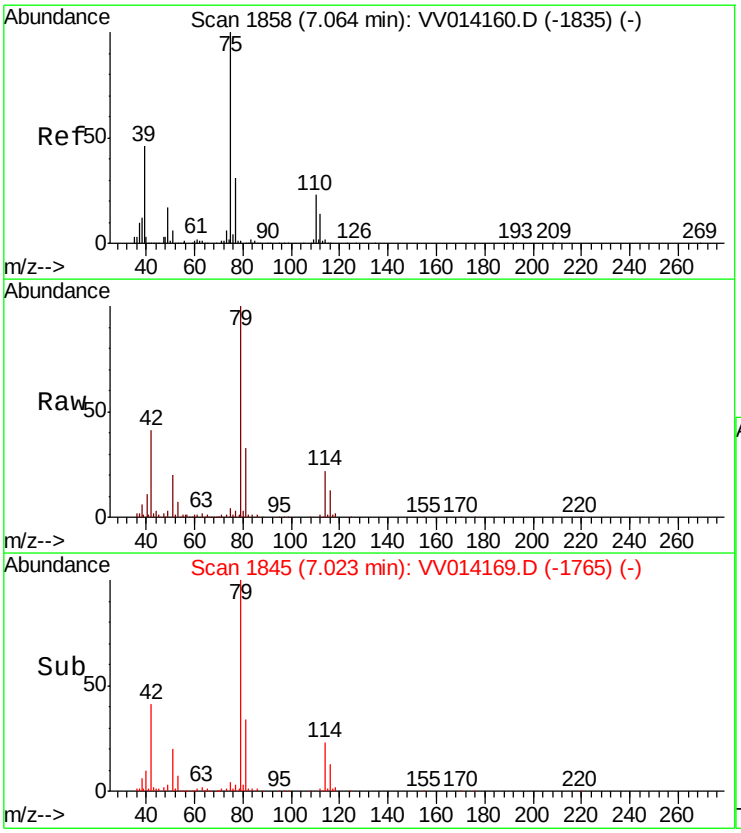
#37
1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 17715

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.0	6.0#

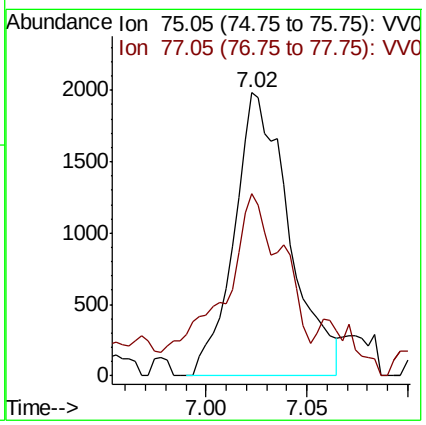


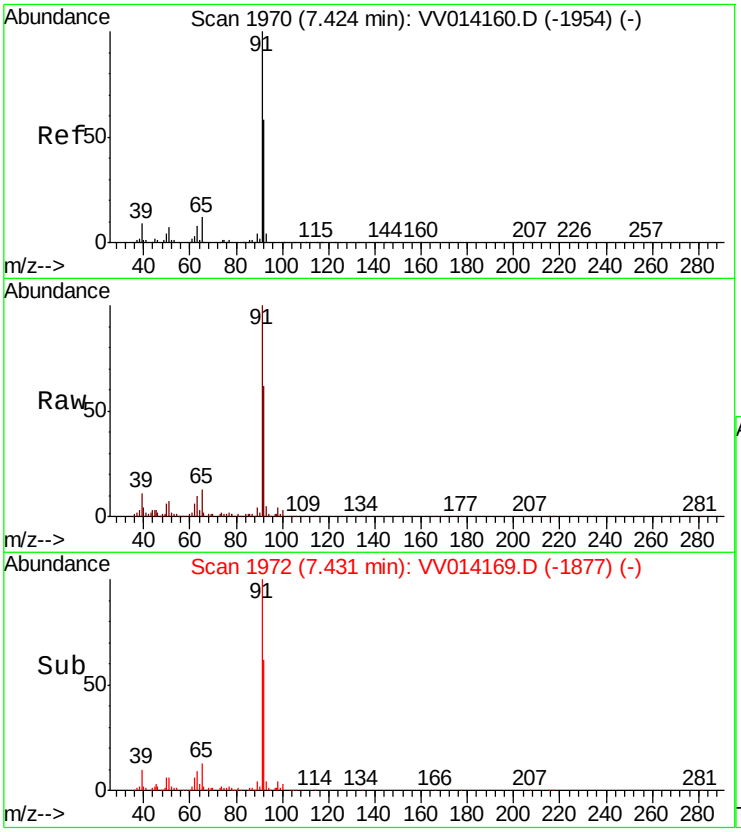


#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 75 Resp: 3792

Ion	Ratio	Lower	Upper
75	100		
77	64.4	22.6	42.0#



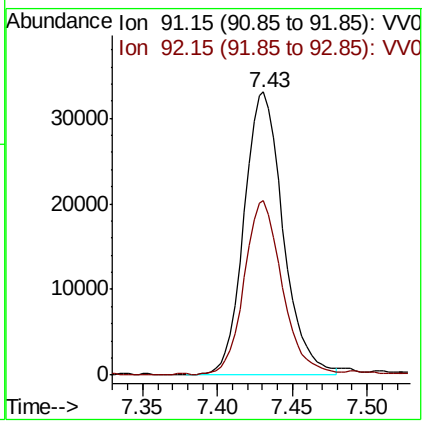


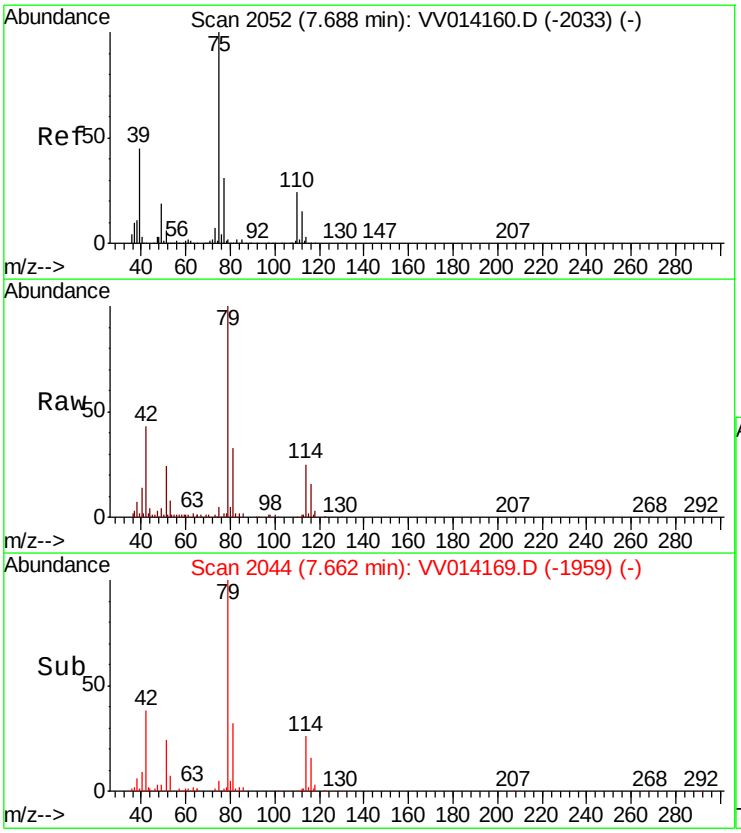
#42
Toluene
Concen: 0.603 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 60355

Ion	Ratio	Lower	Upper
91	100		
92	61.7	41.2	76.6

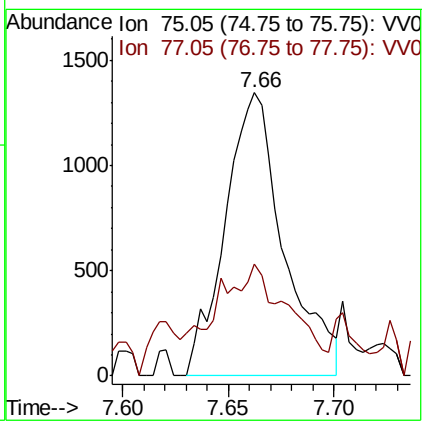


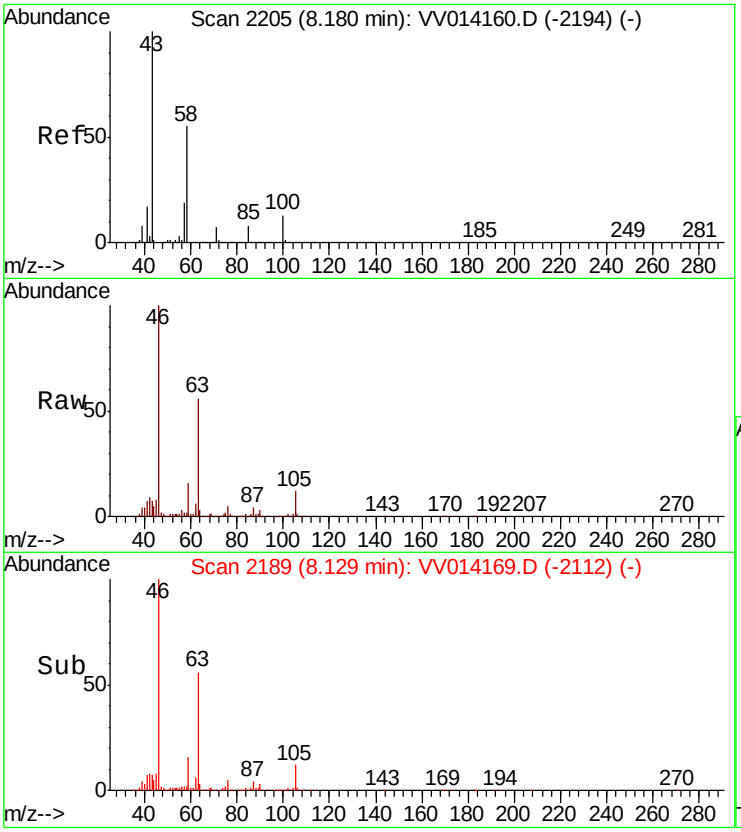


#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 75 Resp: 2612

Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.8	42.4



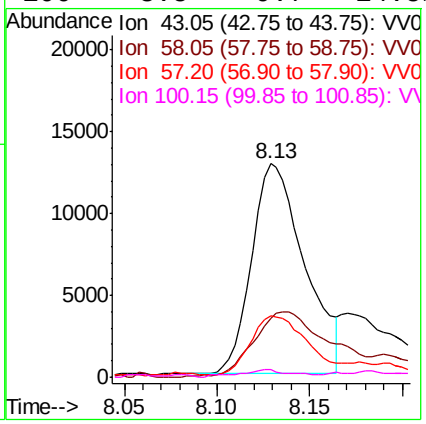


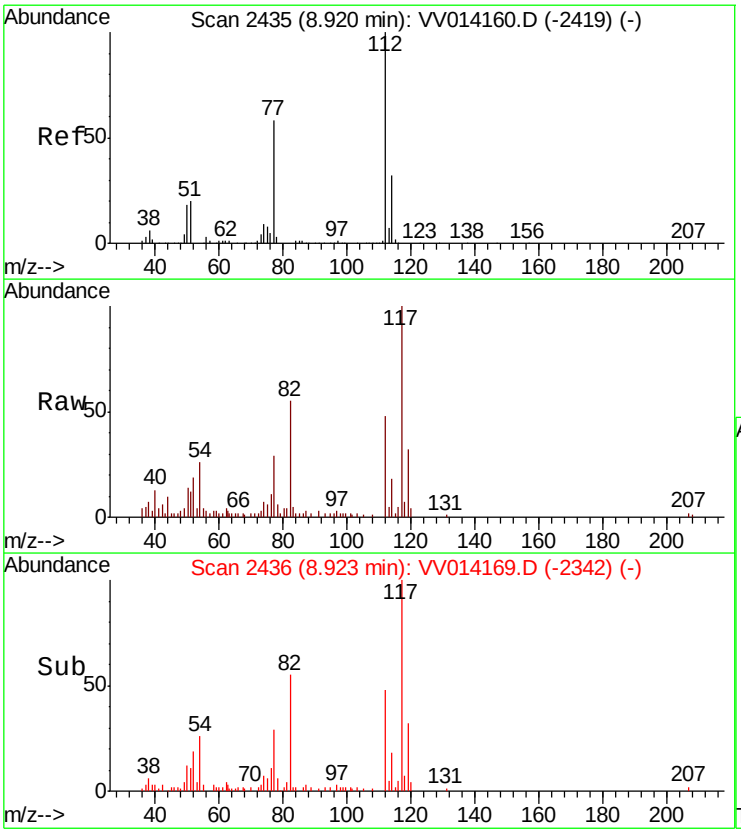
#48
2-Hexanone
Concen: 2.729 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 25639

Ion	Ratio	Lower	Upper
43	100		
58	44.4	43.2	64.8
57	29.9	14.8	22.2#
100	3.5	9.7	14.5#

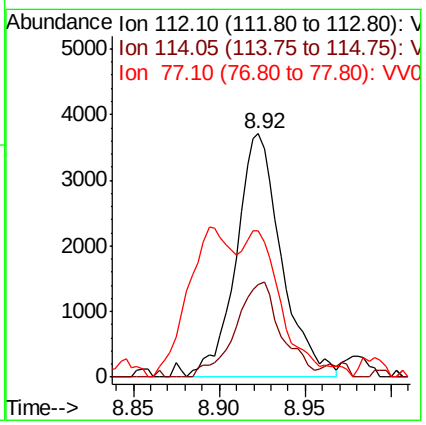


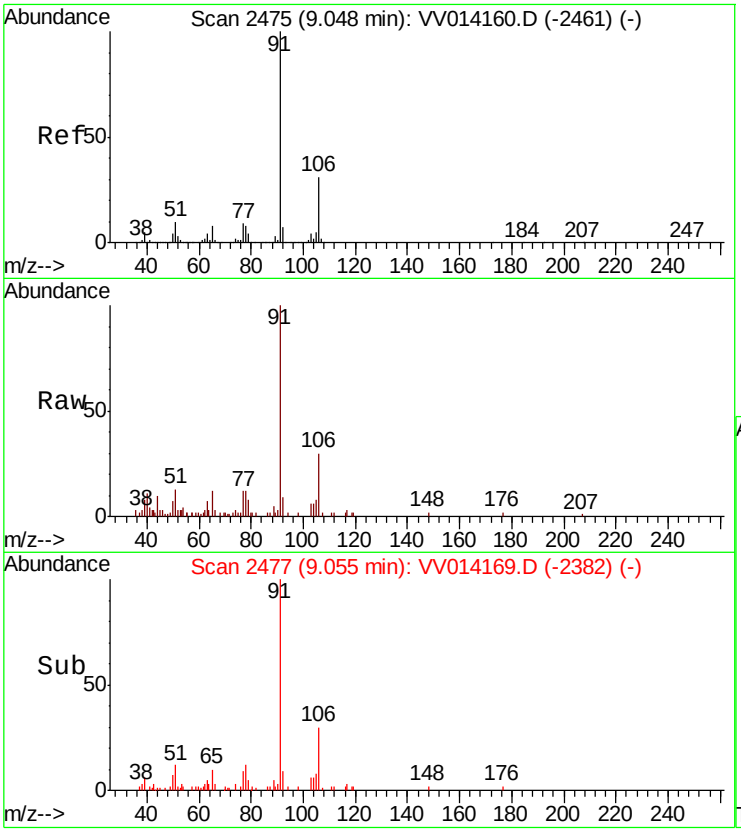


#51
Chlorobenzene
Concen: 0.104 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion:112 Resp: 6785

Ion	Ratio	Lower	Upper
112	100		
114	38.0	22.3	41.5
77	59.9	45.1	67.7

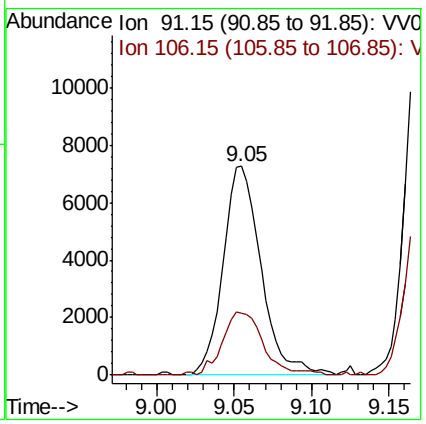




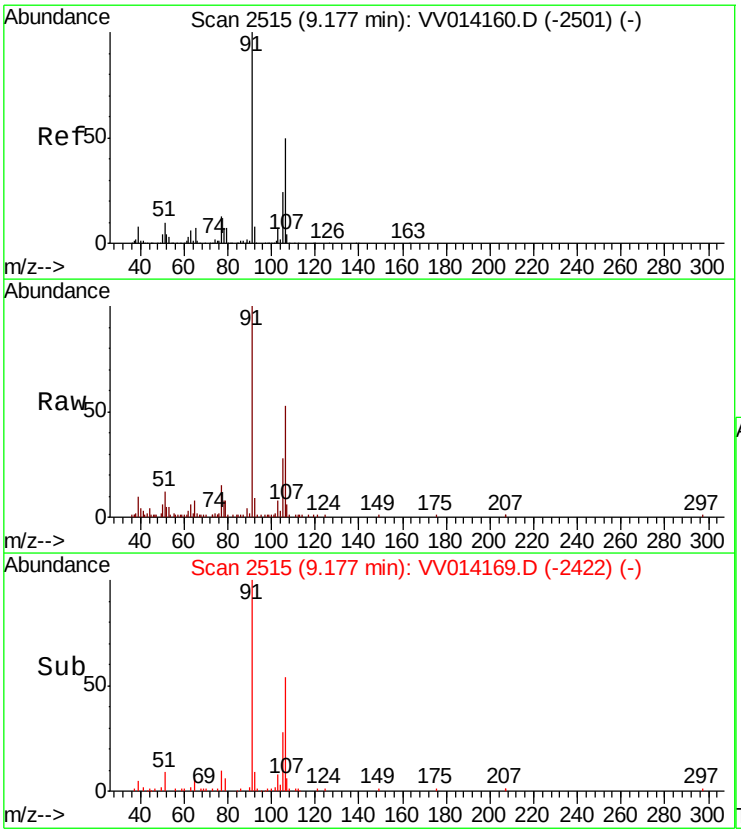
#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion: 91 Resp: 12376

Ion	Ratio	Lower	Upper
91	100		
106	29.7	22.0	41.0



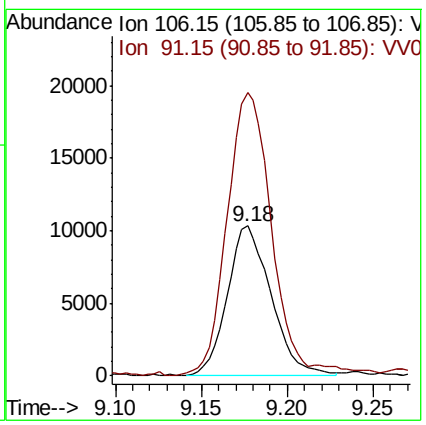
Instrument :
MSVOA_V
ClientSampleId :

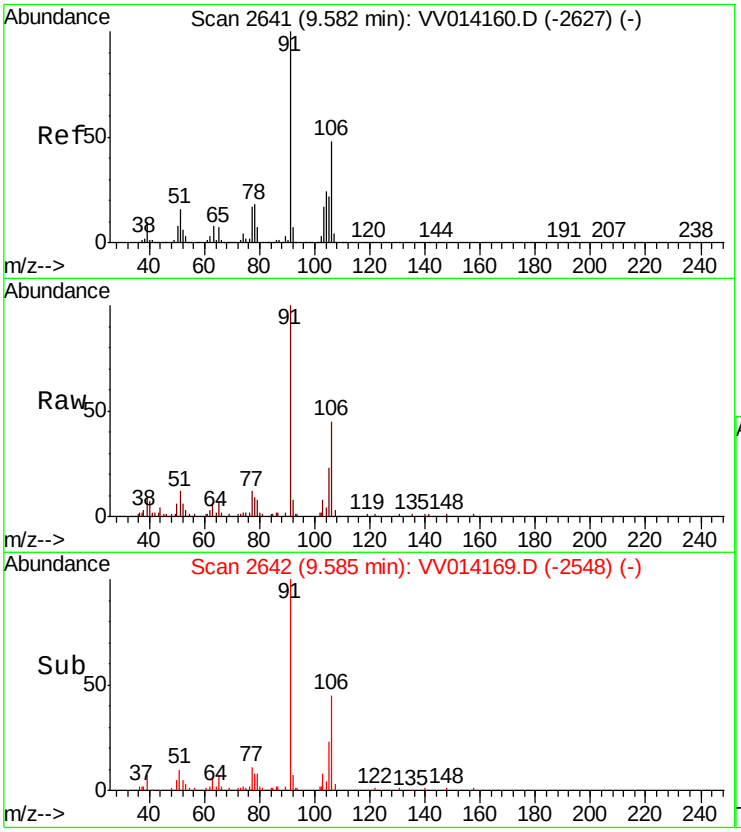


#53
m,p-xylene
Concen: 0.453 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion:106 Resp: 18265

Ion	Ratio	Lower	Upper
106	100		
91	189.2	141.1	262.1



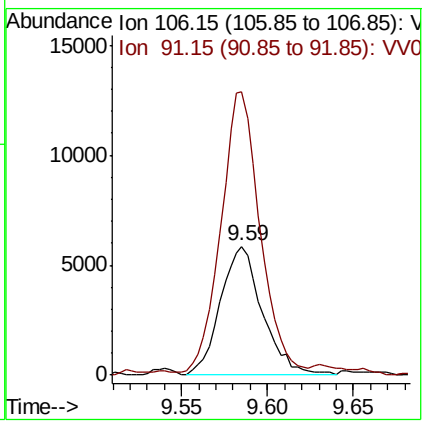


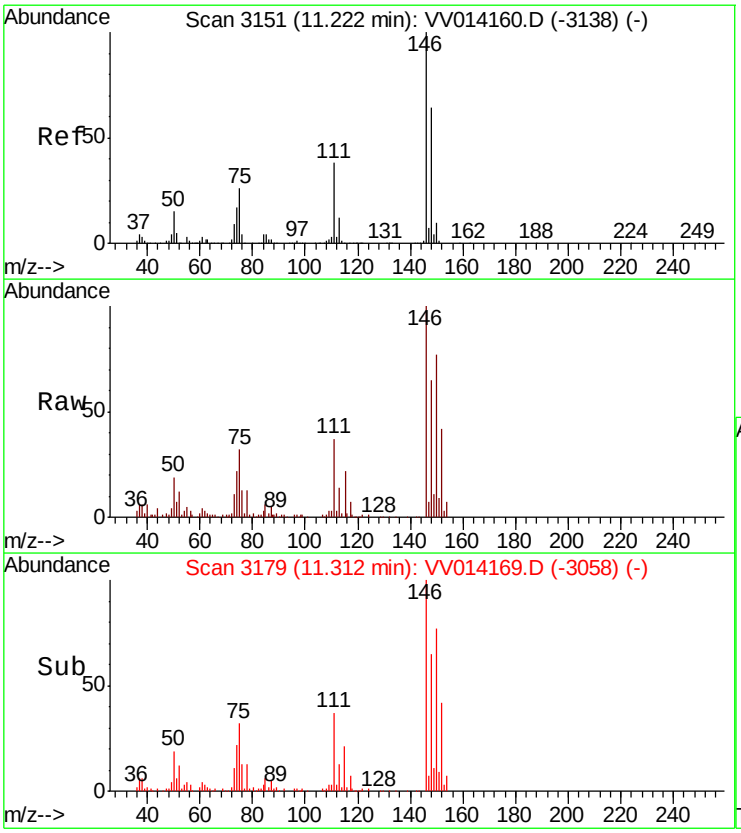
#54
o-xylene
Concen: 0.265 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 10050

Ion	Ratio	Lower	Upper
106	100		
91	220.2	149.0	276.8

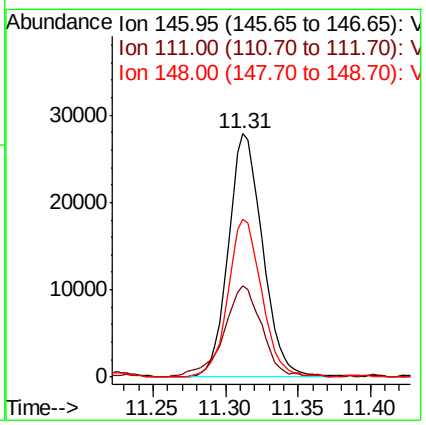


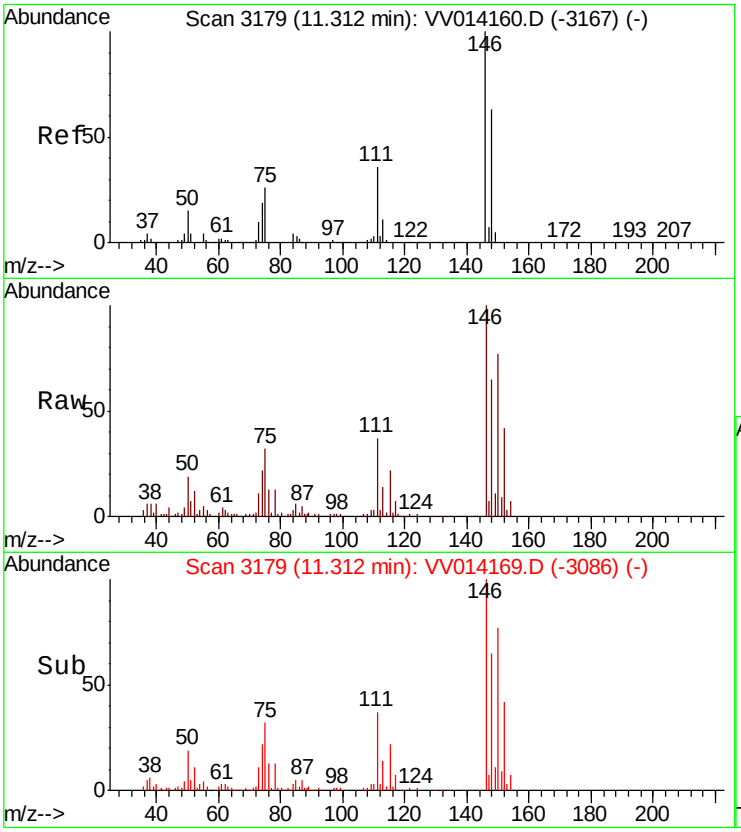


#62
1,3-Dichlorobenzene
Concen: 0.933 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.09 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion:146 Resp: 45734

Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.5	49.1
148	65.0	45.7	84.9



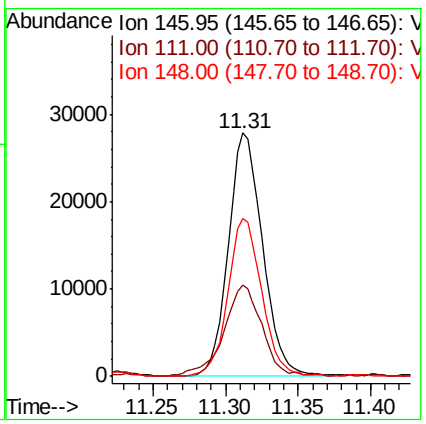


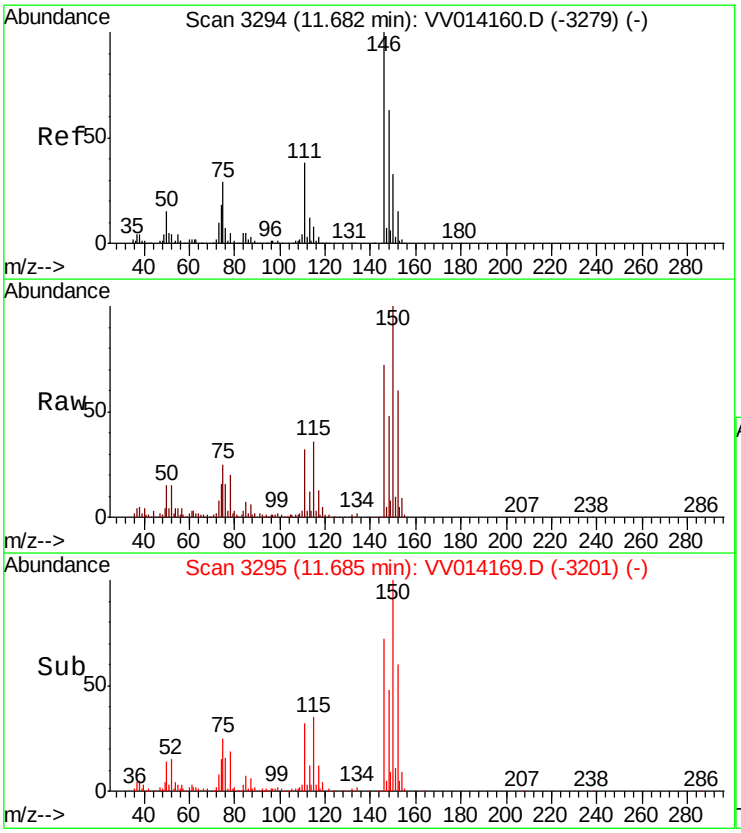
#63
1,4-Dichlorobenzene
Concen: 0.921 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 45734

Ion	Ratio	Lower	Upper
146	100		
111	37.3	25.7	47.7
148	65.0	45.1	83.7

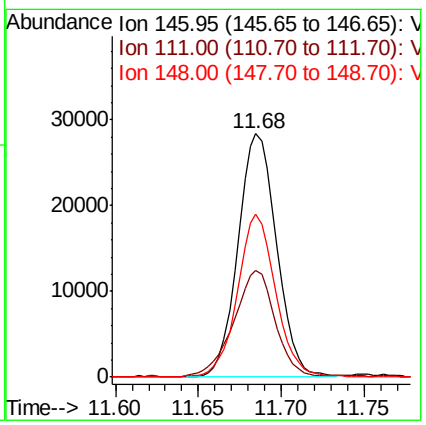


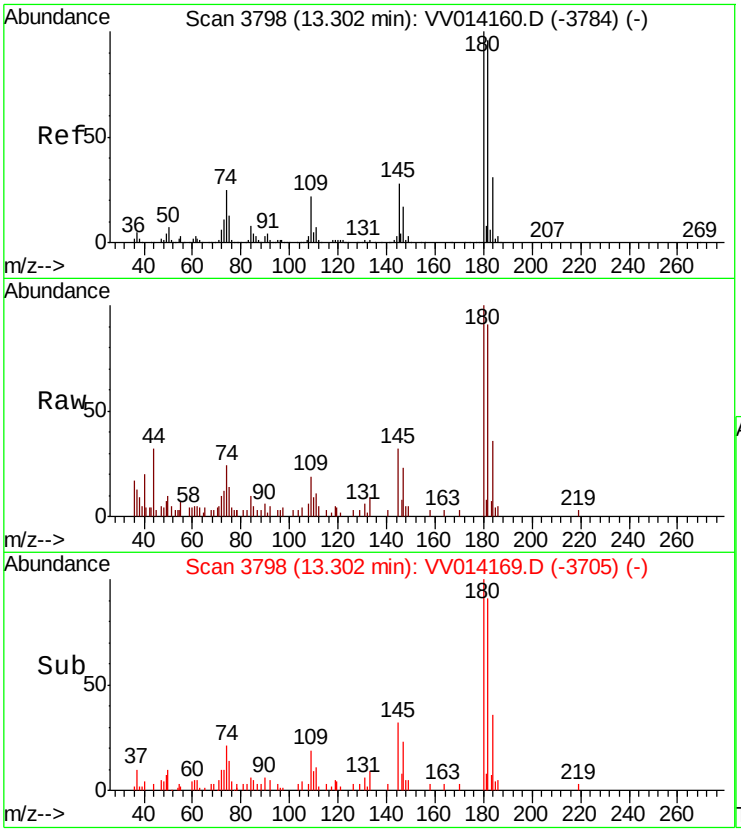


#65
1,2-Dichlorobenzene
Concen: 1.010 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion:146 Resp: 46111

Ion	Ratio	Lower	Upper
146	100		
111	44.0	30.7	46.1
148	67.1	49.4	74.2



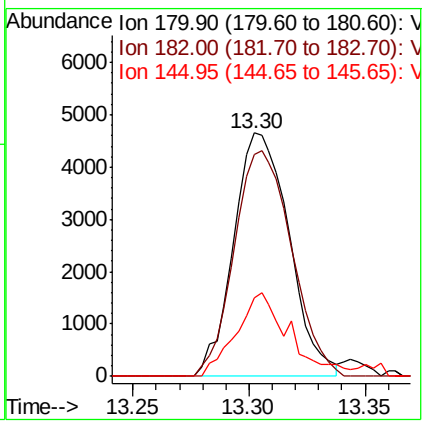


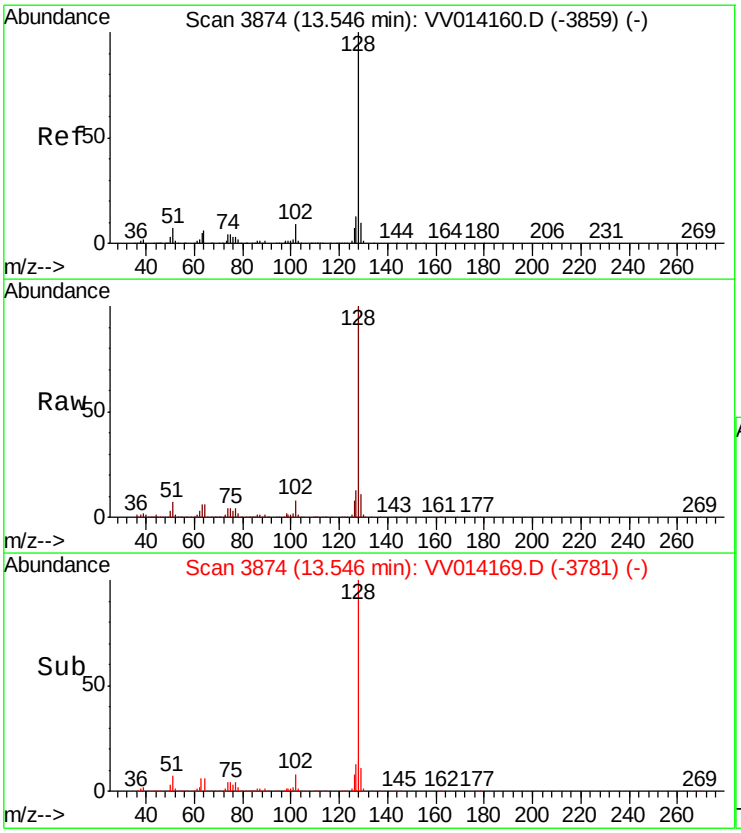
#68
1,2,4-trichlorobenzene
Concen: 0.235 ug/L
RT: 13.30 min Scan# 3798
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 7743

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.9	115.3
145	33.1	22.0	33.0#





#69
Naphthalene
Concen: 5.128 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV014169.D
Acq: 23 Dec 2019 19:55

Tgt Ion:128 Resp: 221363

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.3	10.8	16.2