Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014202.D
Acq On : 27 Dec 2019 19:55
Operator : SY/MD
Sample : K6432-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X5

Quant Time: Dec 28 01:10:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	730483	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	670674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	295027	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	221090	6.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 129.20%			
7) Chloroethane-d5	1.58	69	191397	6.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 134.40%#			
11) 1,1-Dichloroethene-d2	2.13	63	272493	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	3.92	46	589828	69.40	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 138.80%#			
24) Chloroform-d	4.40	84	446786	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
26) 1,2-Dichloroethane-d4	5.08	65	233680	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.10	84	993169	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
36) 1,2-Dichloropropane-d6	6.11	67	304941	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.36	98	868307	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.66	79	119643	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.13	63	480474	51.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.10%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	215848	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	266034	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3078	0.093	ug/L #	30
12) 1,1-Dichloroethene	2.13	96	2515	0.078	ug/L #	1
13) Acetone	2.19	43	53083	10.127	ug/L	100
14) Carbon disulfide	2.32	76	77574	0.549	ug/L	99
25) Chloroform	4.42	83	30662	0.324	ug/L	91
33) Benzene	5.15	78	22528	0.109	ug/L	100
35) Methylcyclohexane	6.11	83	74621	0.806	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	32758	0.650	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	7612	0.092	ug/L #	50
42) Toluene	7.43	91	24363	0.107	ug/L	95
48) 2-Hexanone	8.13	43	55114	2.543	ug/L #	83
63) 1,4-Dichlorobenzene	11.32	146	30343	0.311	ug/L	95
65) 1,2-Dichlorobenzene	11.68	146	13219	0.148	ug/L #	93
69) Naphthalene	13.55	128	197141	1.736	ug/L	98

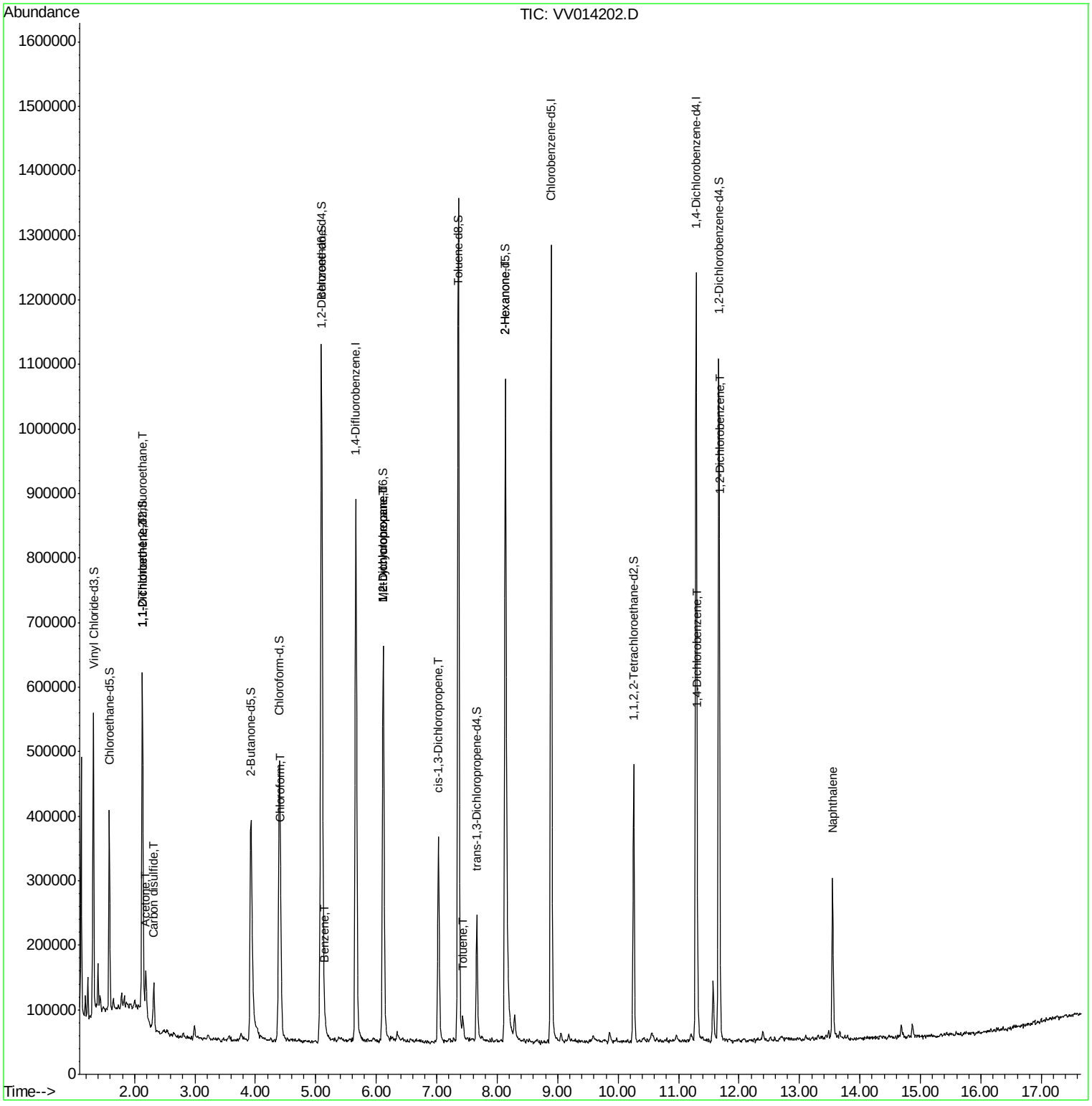
(#) = qualifier out of range (m) = manual integration (+) = signals summed

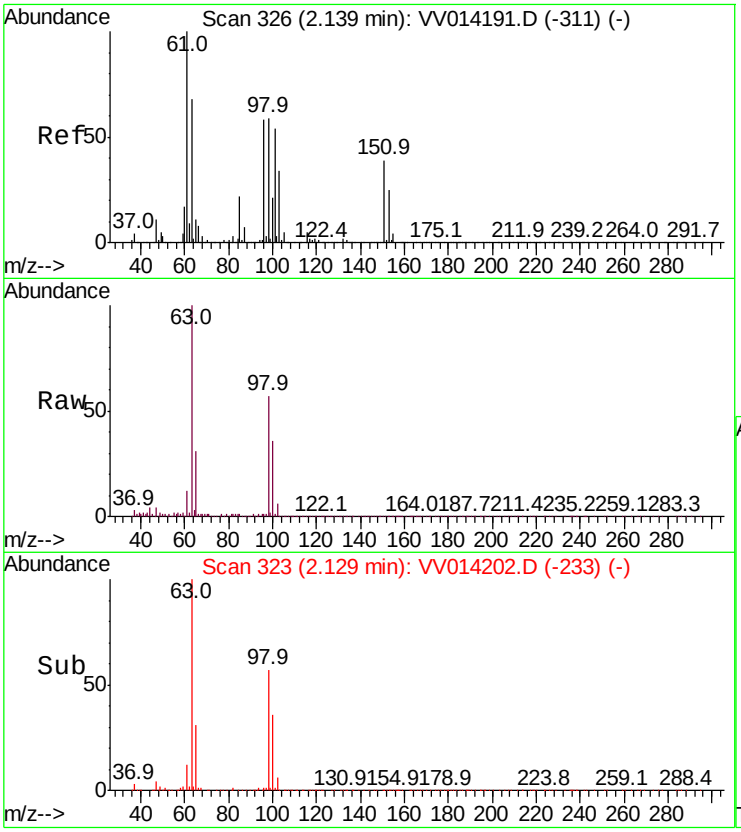
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014202.D
Acq On : 27 Dec 2019 19:55
Operator : SY/MD
Sample : K6432-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X5

Quant Time: Dec 28 01:10:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration



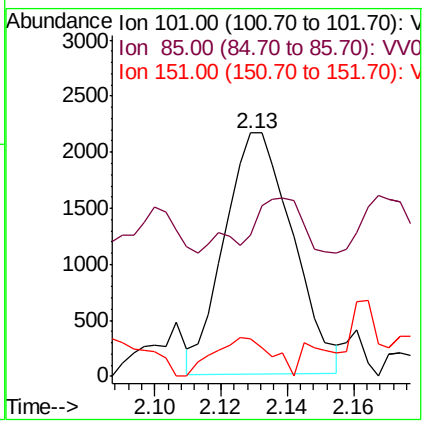


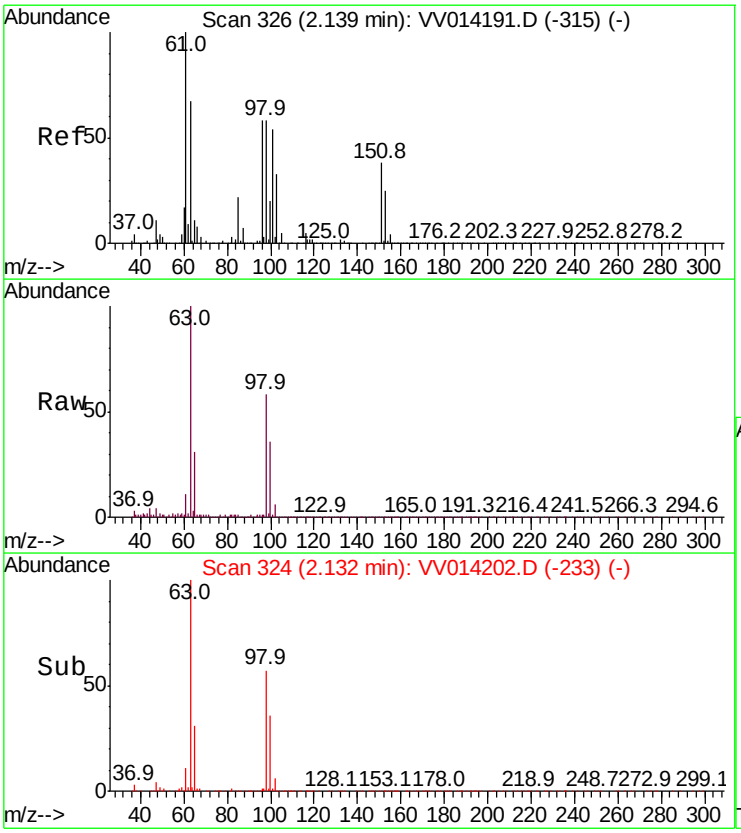
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId : BF6X5

Tgt Ion:101 Resp: 3078

Ion	Ratio	Lower	Upper
101	100		
85	3.1	34.9	52.3#
151	13.4	62.5	93.7#

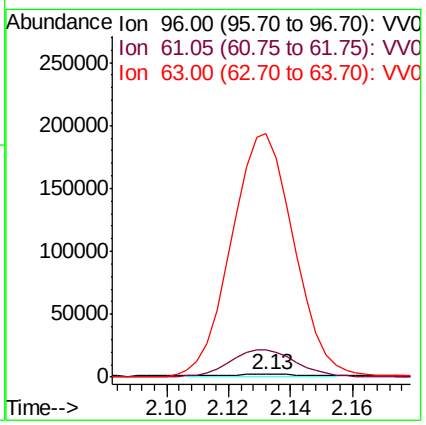


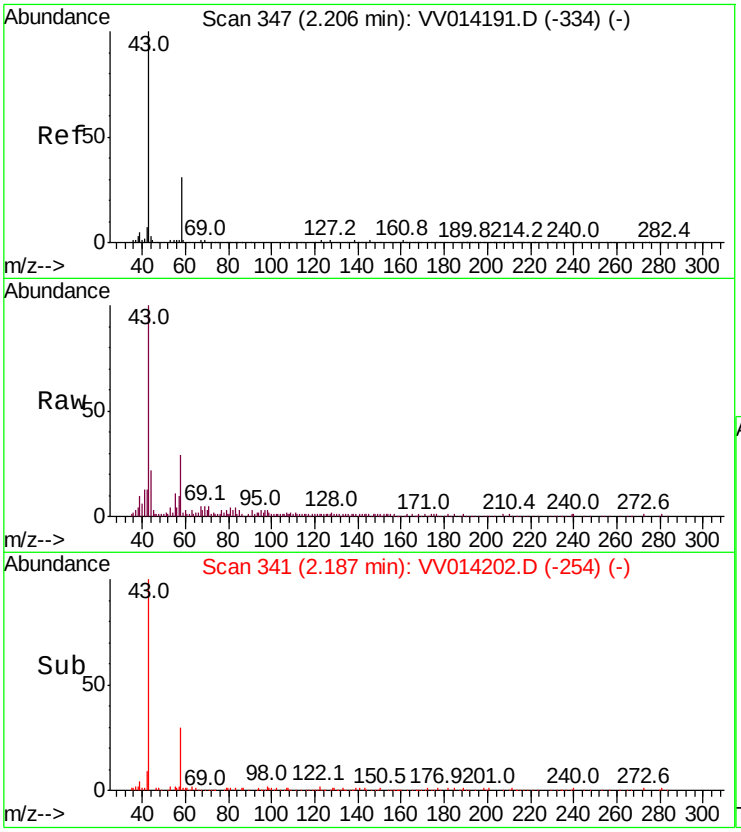


#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion: 96 Resp: 2515

Ion	Ratio	Lower	Upper
96	100		
61	997.6	121.5	225.7#
63	8721.8	90.3	167.7#



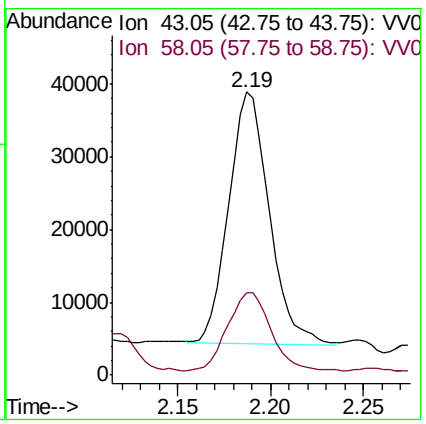


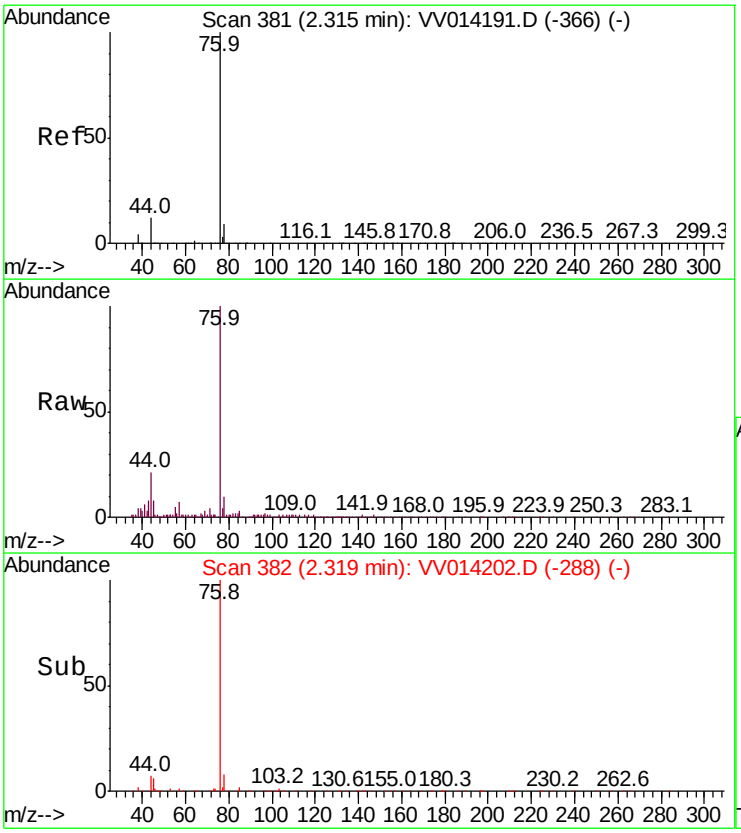
#13
Acetone
Concen: 10.127 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId : BF6X5

Tgt Ion: 43 Resp: 53083

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	66.0

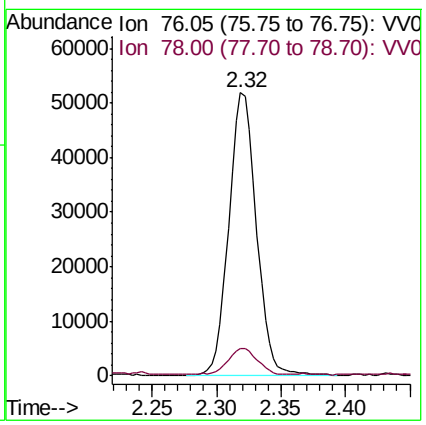


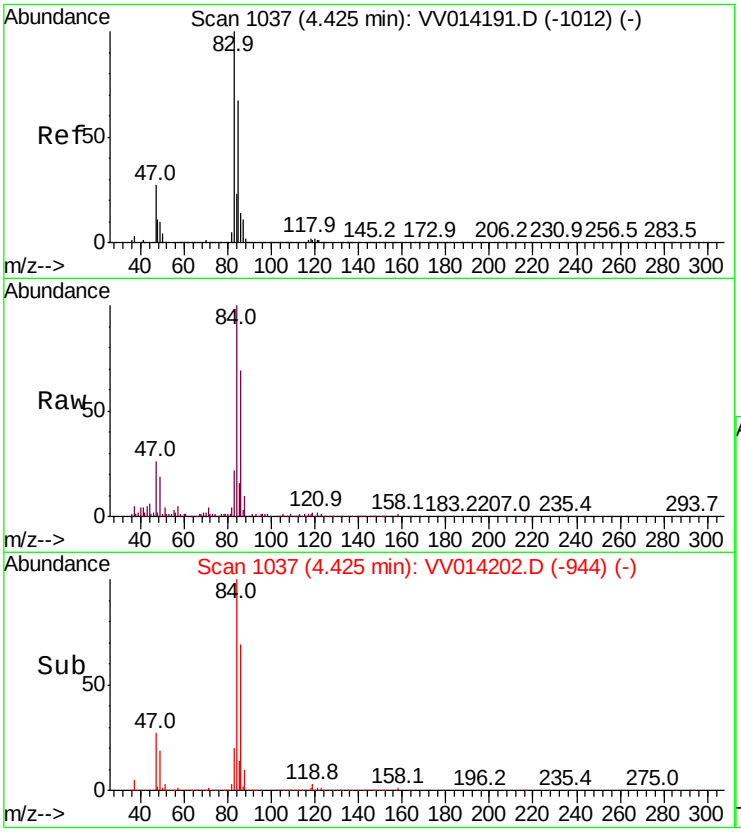


#14
Carbon disulfide
Concen: 0.549 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion: 76 Resp: 77574

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3



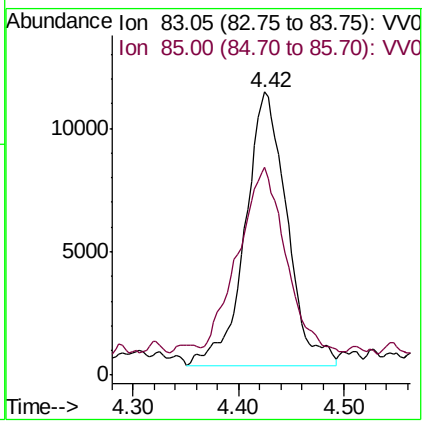


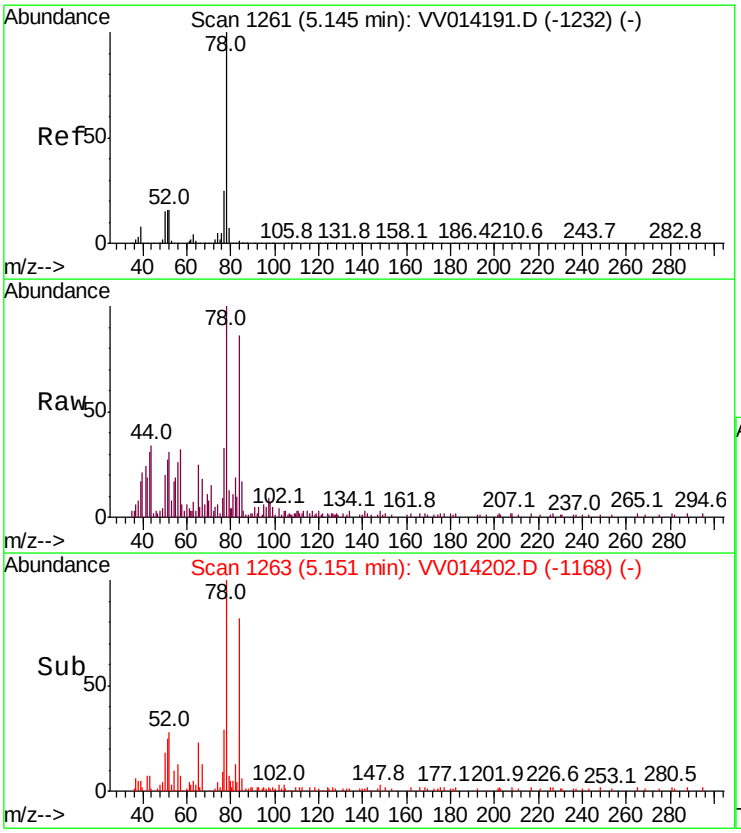
#25
Chloroform
Concen: 0.324 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :
BF6X5

Tgt Ion: 83 Resp: 30662

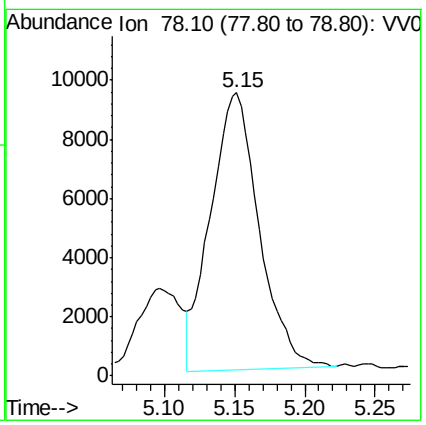
Ion	Ratio	Lower	Upper
83	100		
85	73.2	46.2	85.8

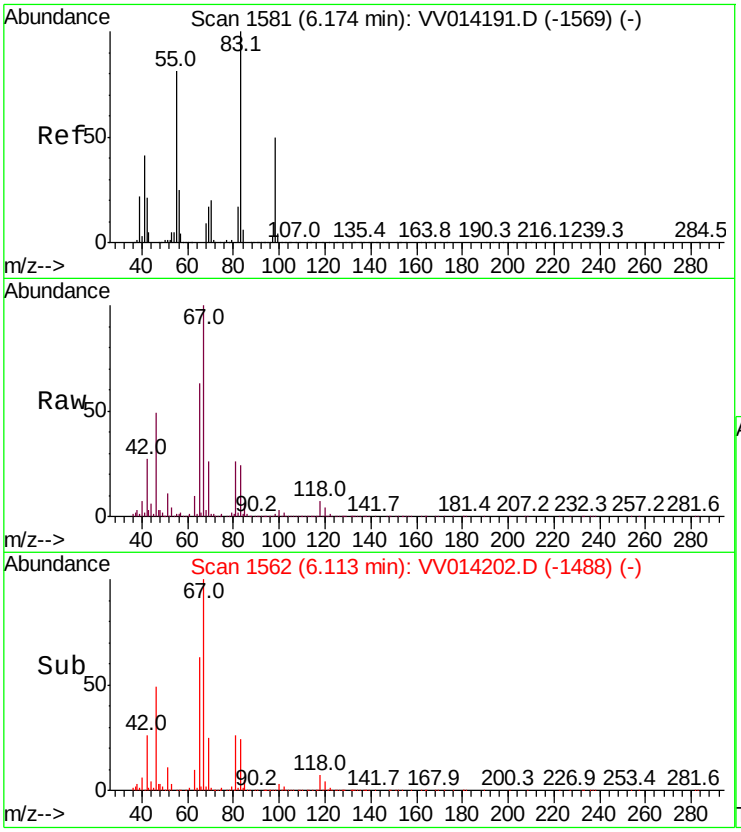




#33
Benzene
Concen: 0.109 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion: 78 Resp: 22528



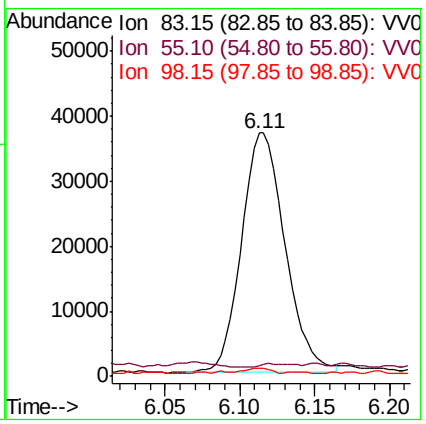


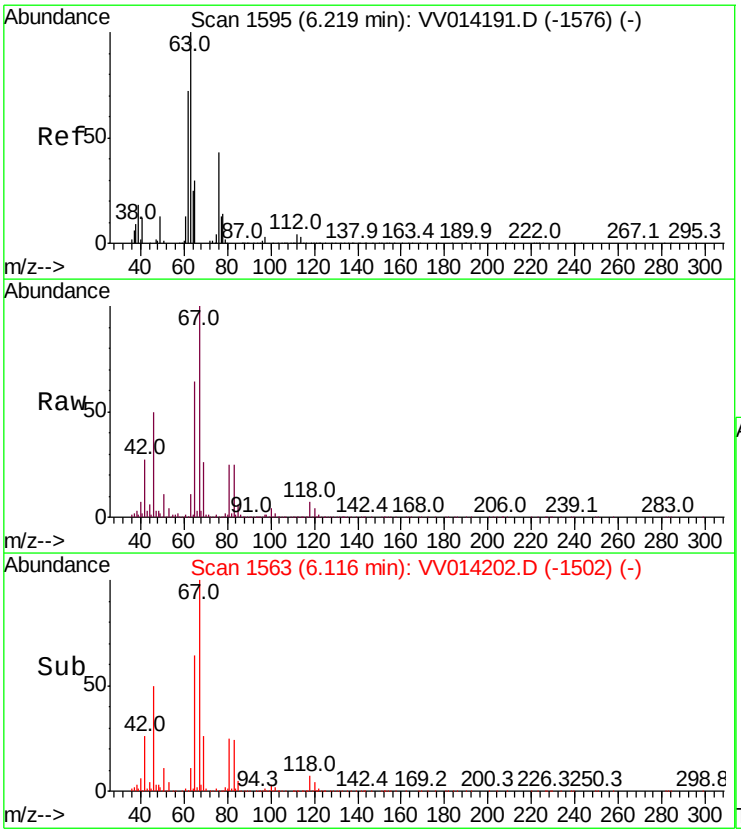
#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId : BF6X5

Tgt Ion: 83 Resp: 74621

Ion	Ratio	Lower	Upper
83	100		
55	0.7	61.7	92.5#
98	1.3	38.1	57.1#

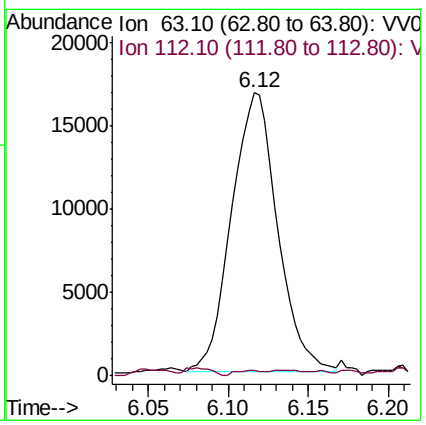


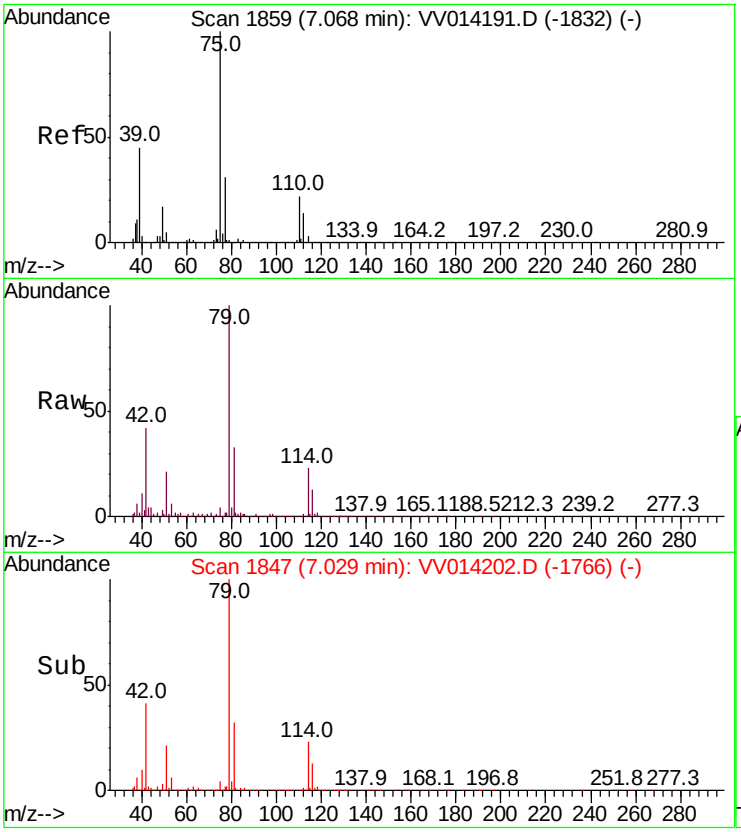


#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion: 63 Resp: 32758

Ion	Ratio	Lower	Upper
63	100		
112	1.2	3.7	5.5#



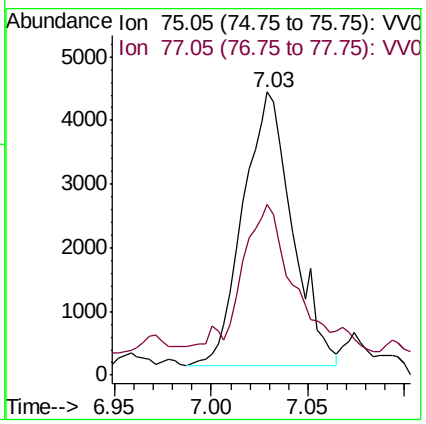


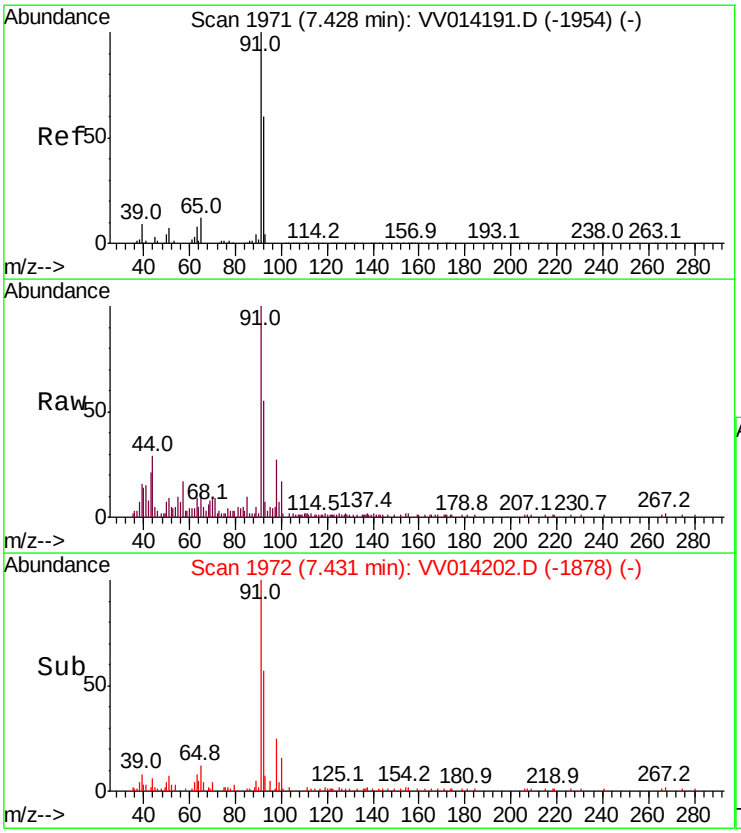
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId : BF6X5

Tgt Ion: 75 Resp: 7612

Ion	Ratio	Lower	Upper
75	100		
77	60.1	22.4	41.6#

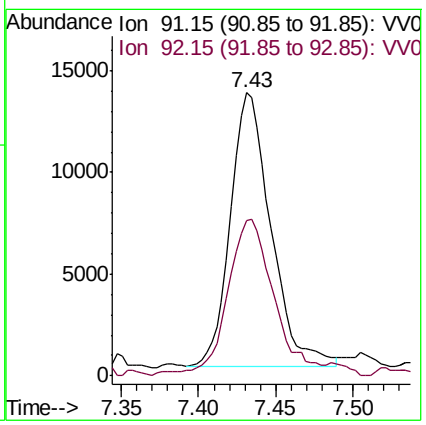


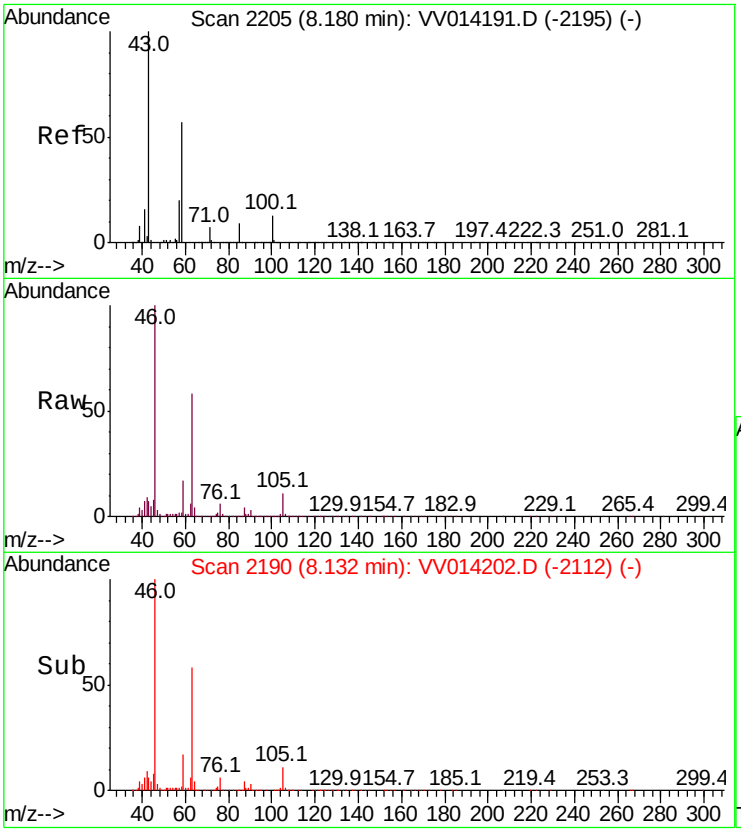


#42
Toluene
Concen: 0.107 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion: 91 Resp: 24363

Ion	Ratio	Lower	Upper
91	100		
92	55.1	41.2	76.6



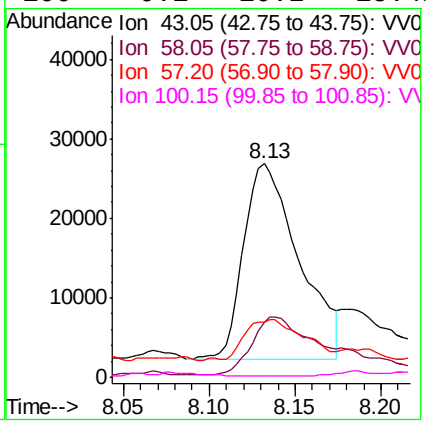


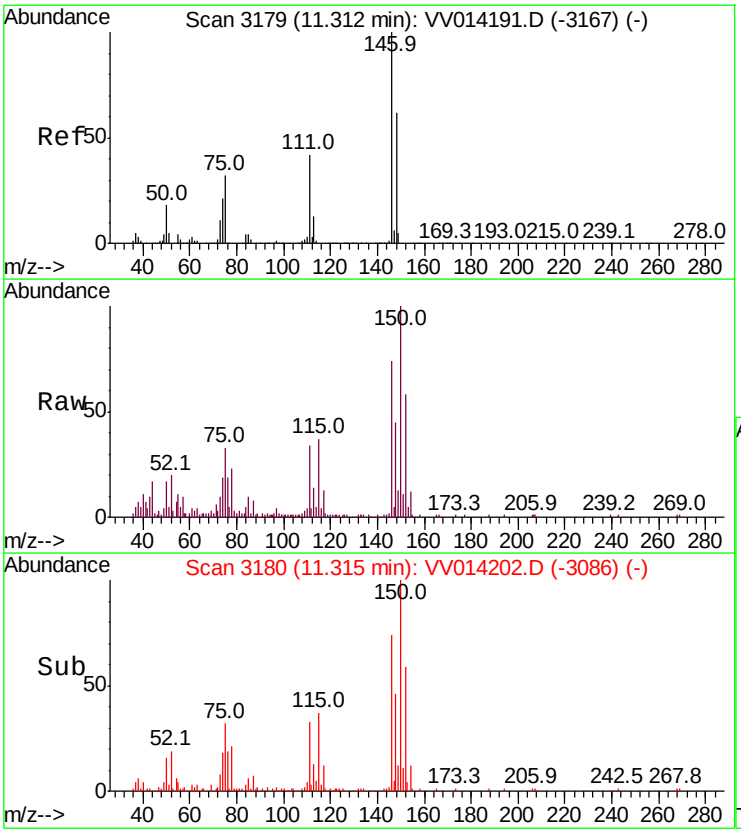
#48
2-Hexanone
Concen: 2.543 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument : MSVOA_V
ClientSampleId : BF6X5

Tgt Ion: 43 Resp: 55114

Ion	Ratio	Lower	Upper
43	100		
58	42.9	45.4	68.0#
57	21.7	15.8	23.8
100	0.1	10.2	15.4#

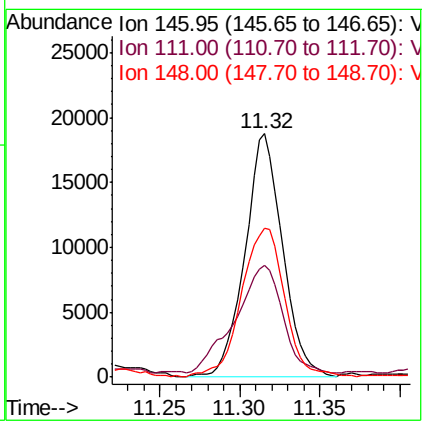


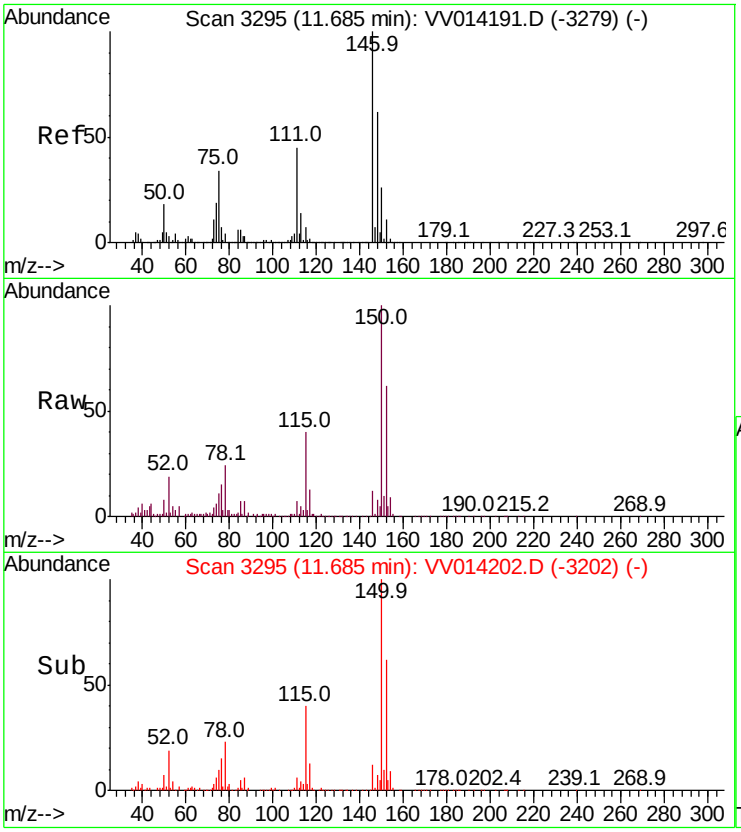


#63
1,4-Dichlorobenzene
Concen: 0.311 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion:146 Resp: 30343

Ion	Ratio	Lower	Upper
146	100		
111	45.9	28.8	53.4
148	61.1	44.5	82.7



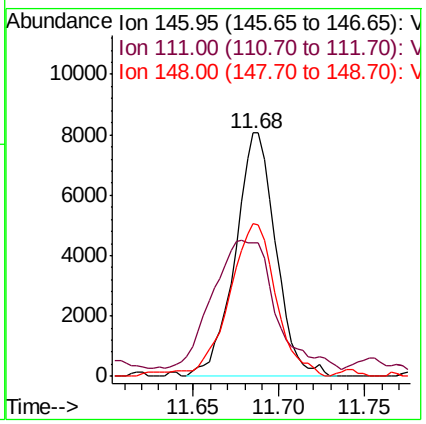


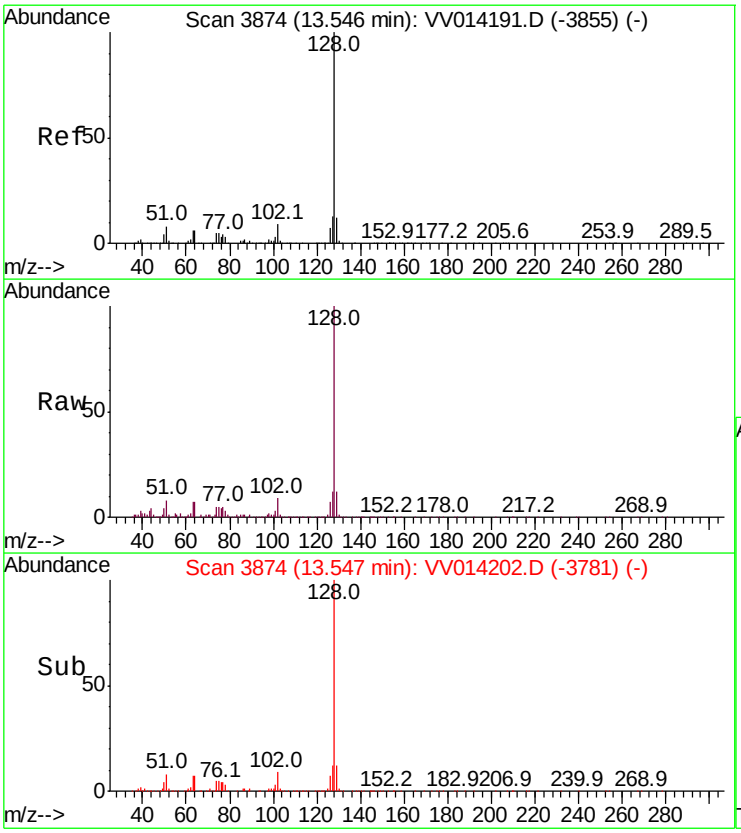
#65
1,2-Dichlorobenzene
Concen: 0.148 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :
BF6X5

Tgt Ion:146 Resp: 13219

Ion	Ratio	Lower	Upper
146	100		
111	55.1	36.4	54.6#
148	62.8	51.3	76.9





#69
Naphthalene
Concen: 1.736 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV014202.D
Acq: 27 Dec 2019 19:55

Tgt Ion:128 Resp: 197141

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	11.8	10.2	15.2