Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121419\
Data File : VV014059.D
Acq On : 13 Dec 2019 18:14
Operator : SY/MD
Sample : K4649-01ME
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 14 05:39:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 05:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	312872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	291493	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	133662	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93985	54.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.90%			
7) Chloroethane-d5	1.55	69	87007	71.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 143.34%#			
11) 1,1-Dichloroethene-d2	2.12	63	186653	62.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 125.90%#			
21) 2-Butanone-d5	3.92	46	148514	119.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.18%			
24) Chloroform-d	4.39	84	207788	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.84%			
26) 1,2-Dichloroethane-d4	5.07	65	135361	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.20%			
32) Benzene-d6	5.09	84	419996	50.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.14%			
36) 1,2-Dichloropropane-d6	6.11	67	135744	55.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.72%			
41) Toluene-d8	7.35	98	350804	43.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.74%			
43) trans-1,3-Dichloropropene-	7.66	79	55568	40.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.44%			
47) 2-Hexanone-d5	8.13	63	88497	87.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.70%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	168623	49.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.48%			
66) 1,2-Dichlorobenzene-d4	11.67	152	159025	50.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.18%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1339	0.853	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1997	1.654	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	100089	88.050	ug/L	93
13) Acetone	2.19	43	5096	5.998	ug/L	95
16) Methylene chloride	2.53	84	2345	1.360	ug/L #	79
27) 1,2-Dichloroethane	5.14	62	3296	1.278	ug/L #	74
33) Benzene	5.14	78	454120	67.678	ug/L	100
34) Trichloroethene	5.96	95	109844	58.897	ug/L	97
35) Methylcyclohexane	6.11	83	33229	11.970	ug/L #	22
39) cis-1,3-Dichloropropene	7.02	75	3002	1.040	ug/L #	61
42) Toluene	7.43	91	462213	61.993	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	2181	0.801	ug/L	92
48) 2-Hexanone	8.13	43	12934	8.144	ug/L #	76
51) Chlorobenzene	8.92	112	306496	60.972	ug/L	100
60) Isopropylbenzene	9.97	105	290	0.040	ug/L #	32
61) 1,2,3-Trichloropropane	11.22	75	139	0.077	ug/L #	48
62) 1,3,5-Trimethylbenzene	10.58	105	318	0.050	ug/L	87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121419\
Data File : VV014059.D
Acq On : 13 Dec 2019 18:14
Operator : SY/MD
Sample : K4649-01ME
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 14 05:39:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 05:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,2,4-Trimethylbenzene	10.98	105	90	0.014	ug/L		90
71) Naphthalene	13.56	128	3459	0.526	ug/L	#	92

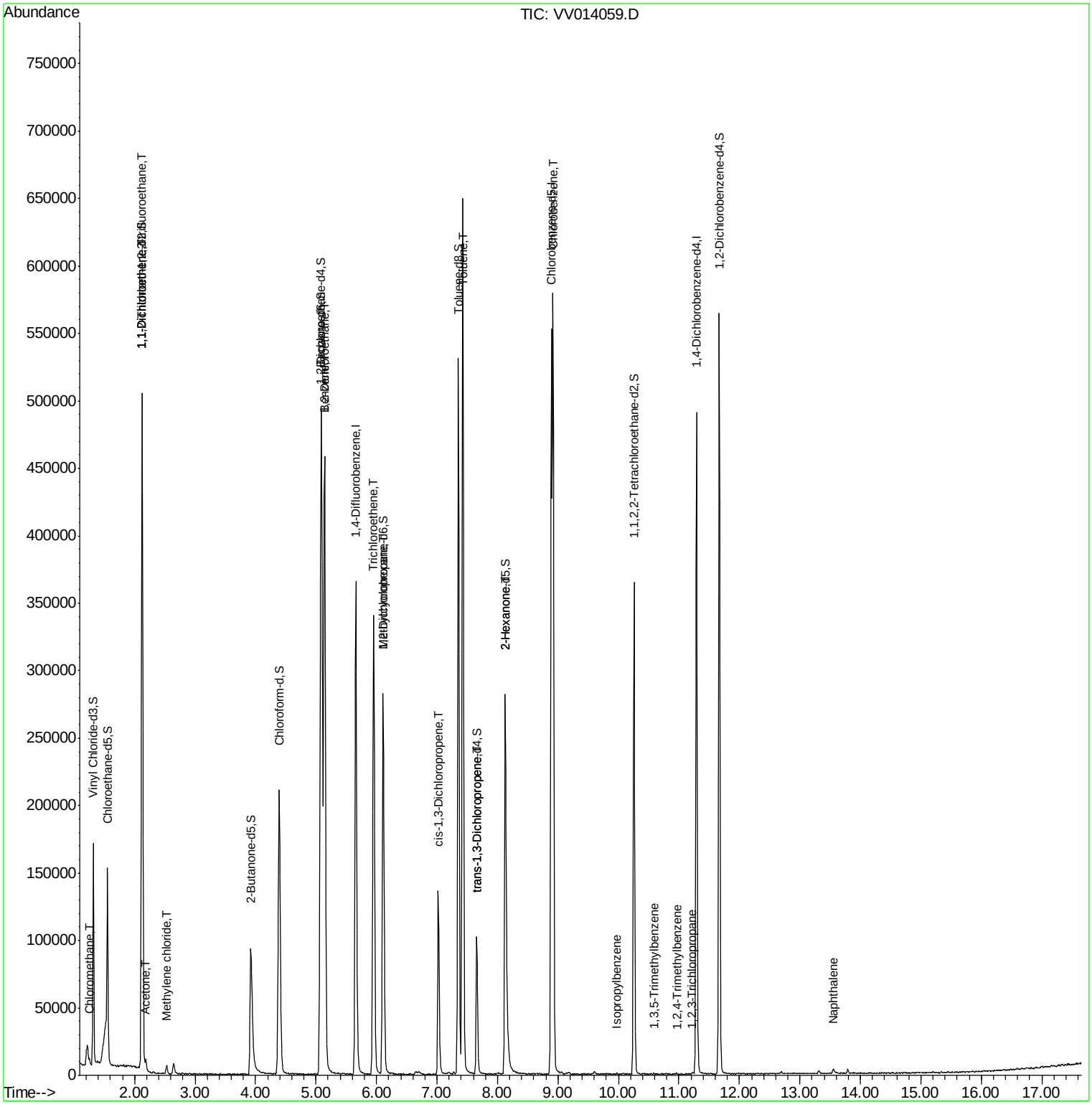
(#) = qualifier out of range (m) = manual integration (+) = signals summed

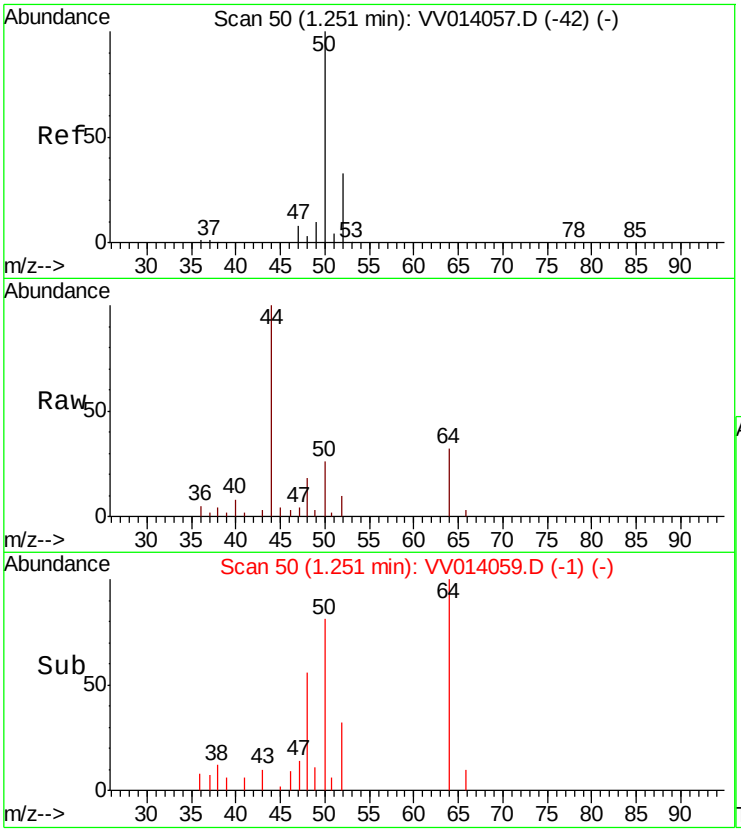
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121419\
Data File : VV014059.D
Acq On : 13 Dec 2019 18:14
Operator : SY/MD
Sample : K4649-01ME
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 14 05:39:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 05:36:38 2019
Response via : Initial Calibration



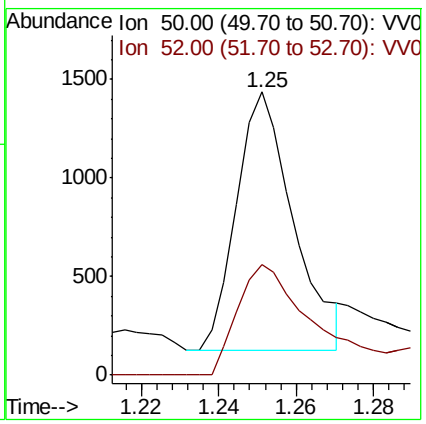


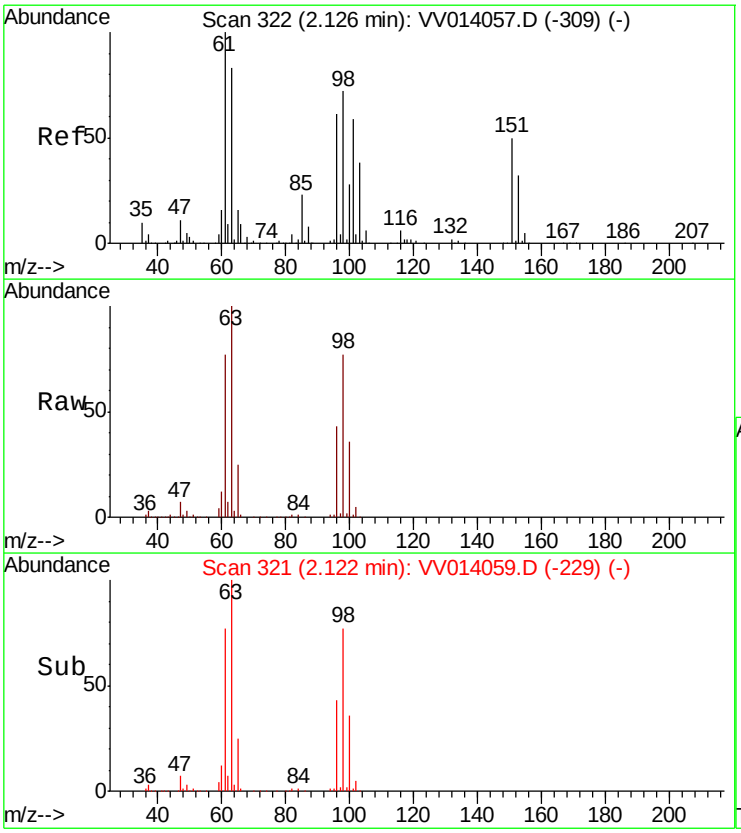
#3
Chloromethane
Concen: 0.853 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1339

Ion	Ratio	Lower	Upper
50	100		
52	39.2	23.9	44.3

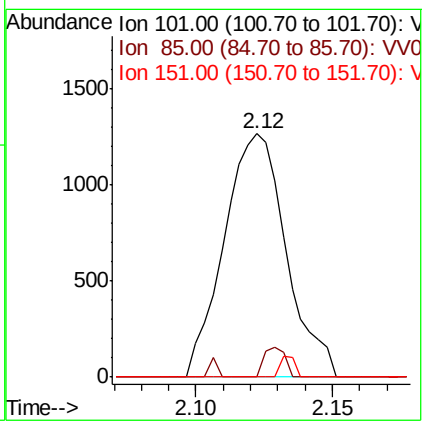


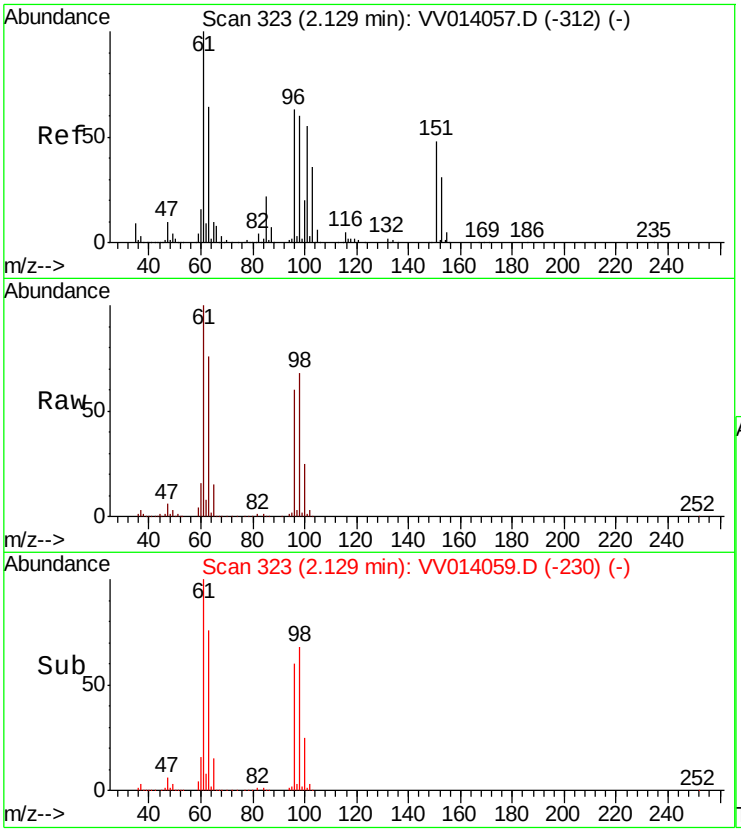


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.654 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion:101 Resp: 1997

Ion	Ratio	Lower	Upper
101	100		
85	4.1	34.4	51.6#
151	2.1	72.2	108.2#



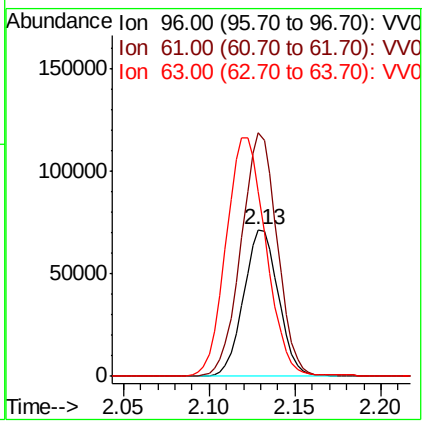


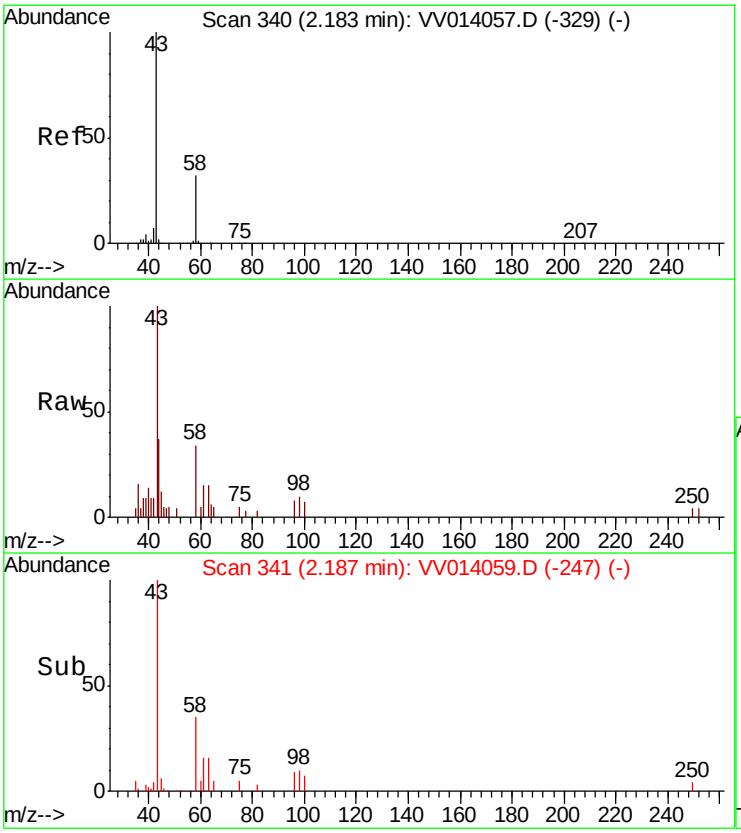
#12
1,1-Dichloroethene
Concen: 88.050 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 100089

Ion	Ratio	Lower	Upper
96	100		
61	166.2	120.0	223.0
63	126.2	98.3	182.7

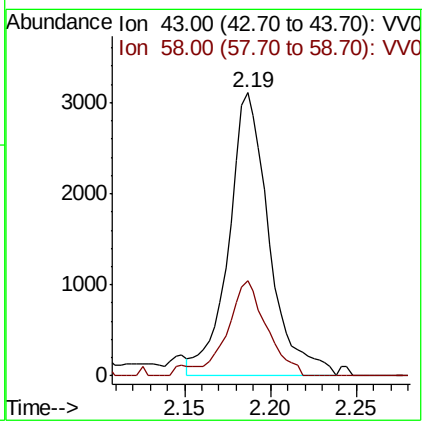


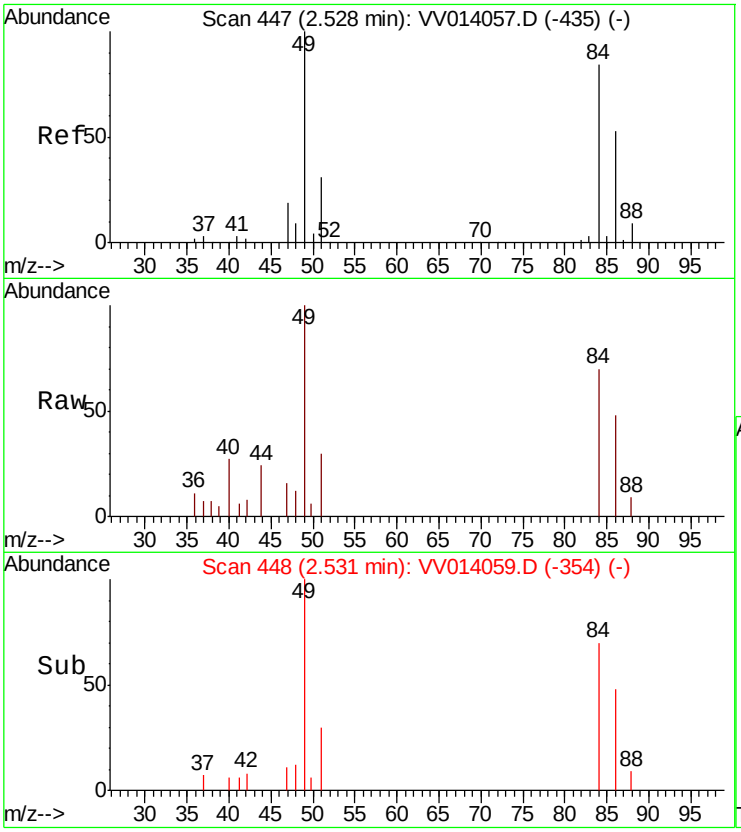


#13
Acetone
Concen: 5.998 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 43 Resp: 5096

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	59.2



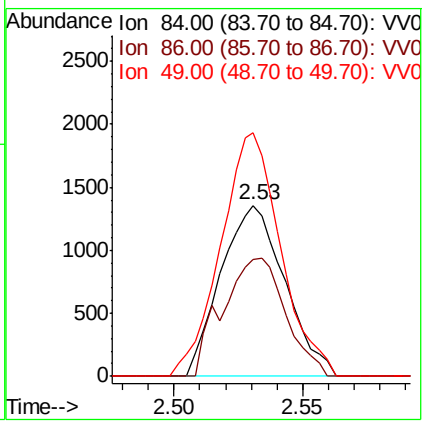


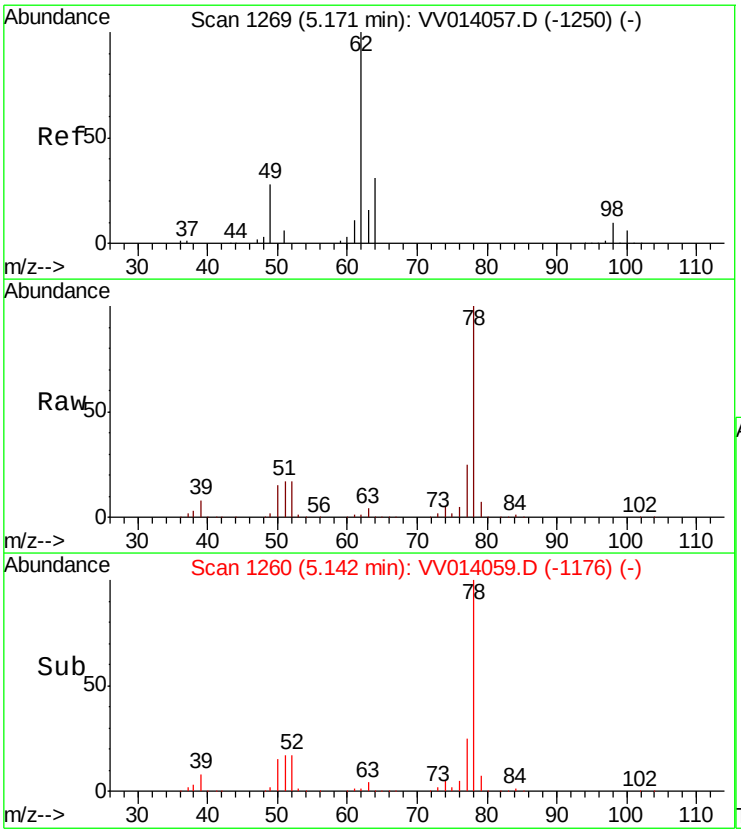
#16
Methylene chloride
Concen: 1.360 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 2345

Ion	Ratio	Lower	Upper
84	100		
86	68.6	45.7	84.9
49	142.3	76.6	142.2#

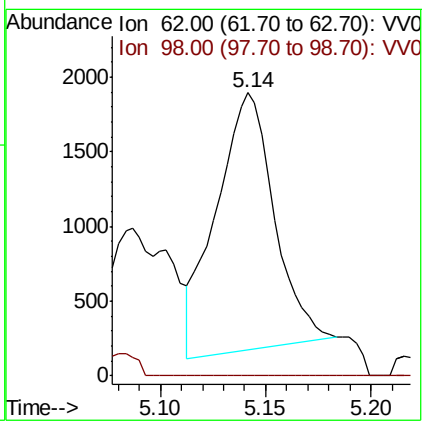


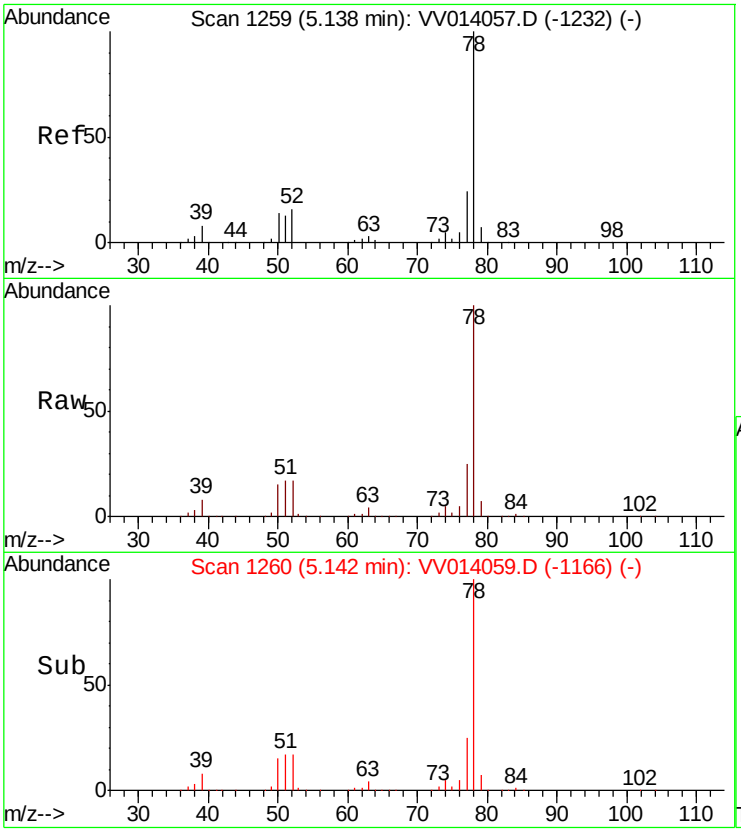


#27
1,2-Dichloroethane
Concen: 1.278 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.03 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 62 Resp: 3296

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

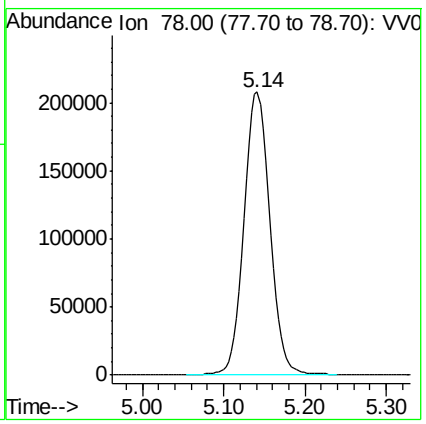


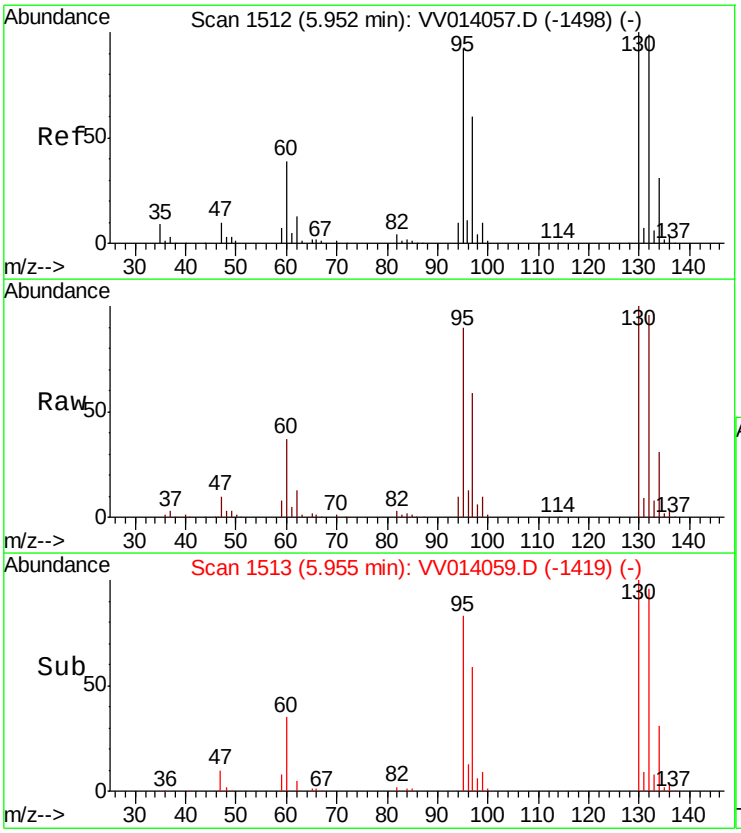


#33
Benzene
Concen: 67.678 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 454120

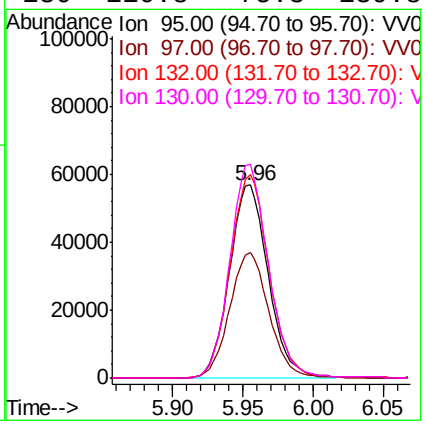


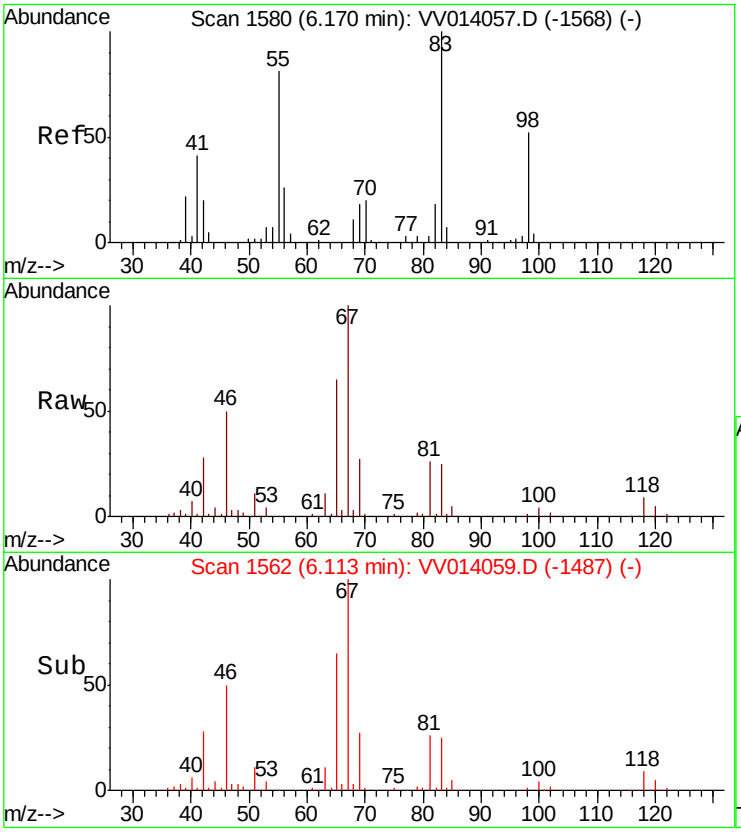


#34
Trichloroethene
Concen: 58.897 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 95 Resp: 109844

Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.4	80.6
132	105.8	73.1	135.8
130	110.8	75.3	139.8



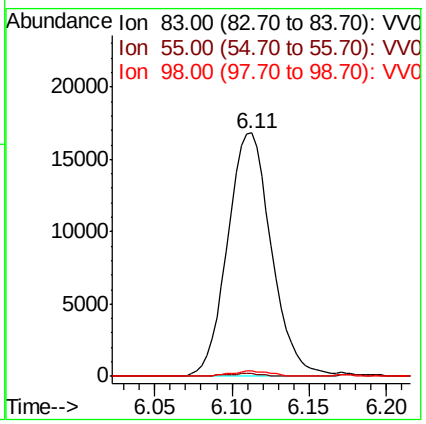


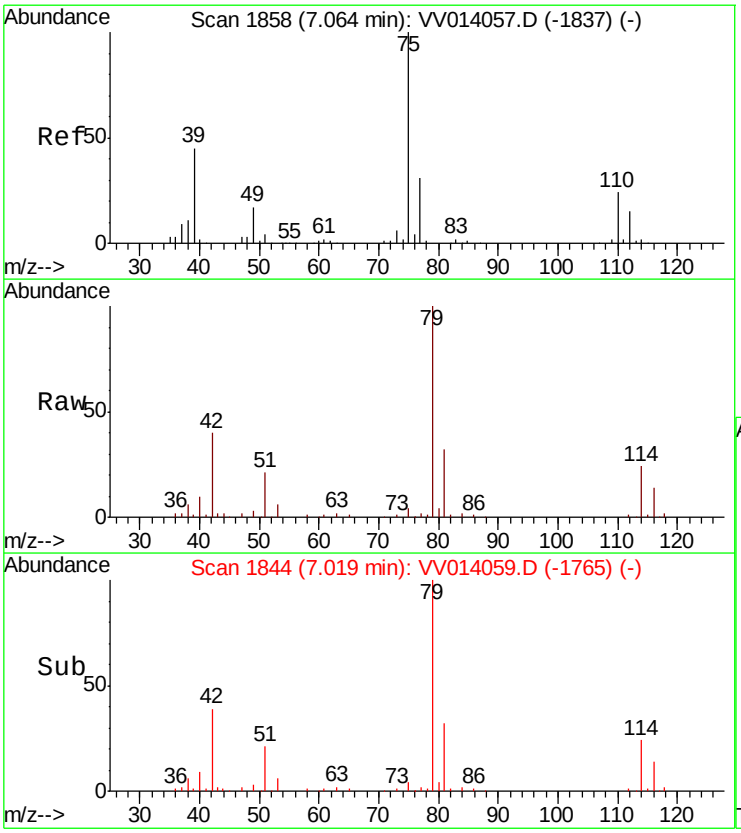
#35
Methylcyclohexane
Concen: 11.970 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 33229

Ion	Ratio	Lower	Upper
83	100		
55	0.7	55.5	83.3#
98	1.4	38.5	57.7#

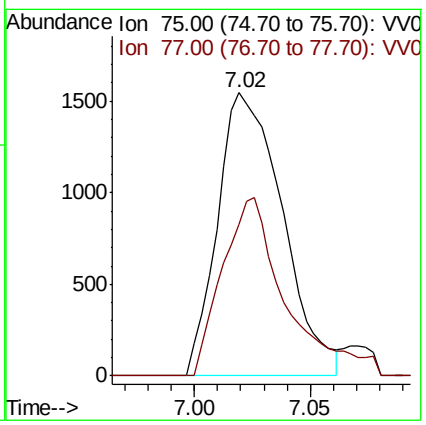


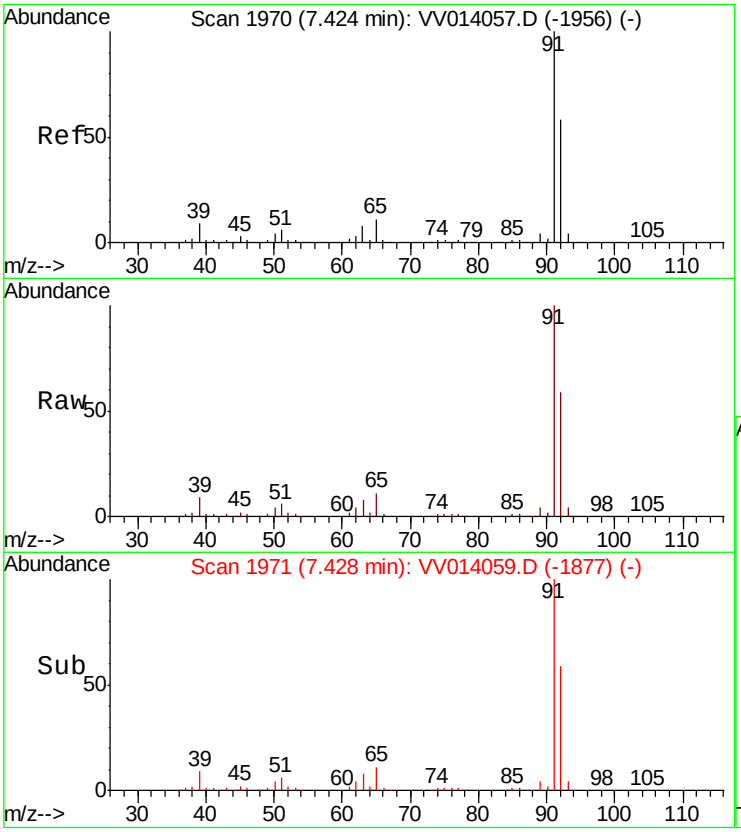


#39
cis-1,3-Dichloropropene
Concen: 1.040 ug/L
RT: 7.02 min Scan# 1844
Delta R.T. -0.05 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 75 Resp: 3002

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.3	41.5#



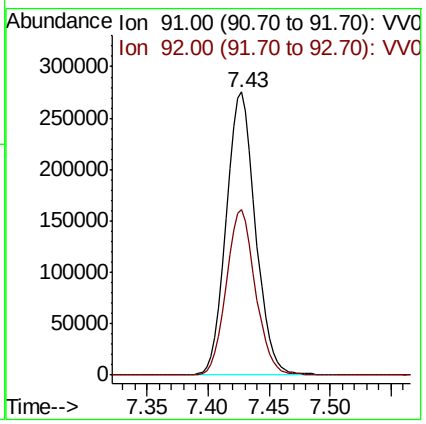


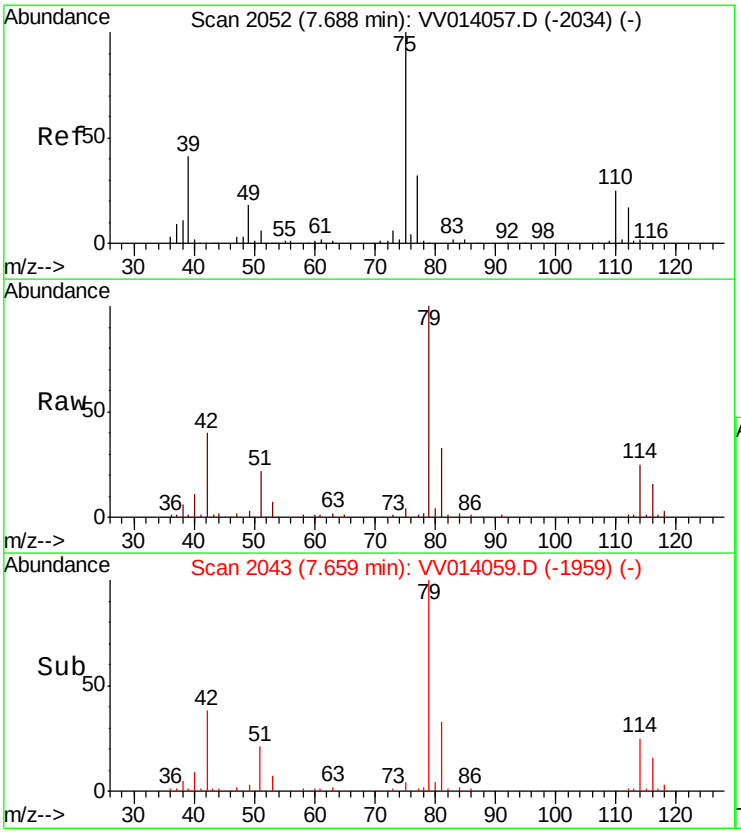
#42
Toluene
Concen: 61.993 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 462213

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.1	74.5

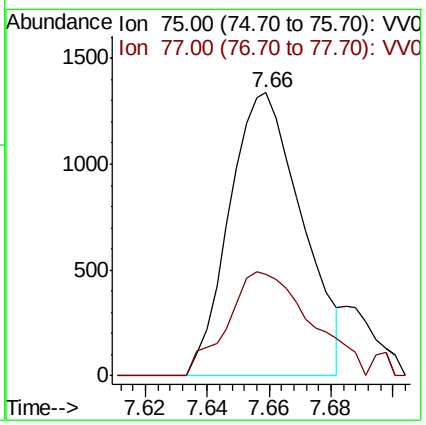


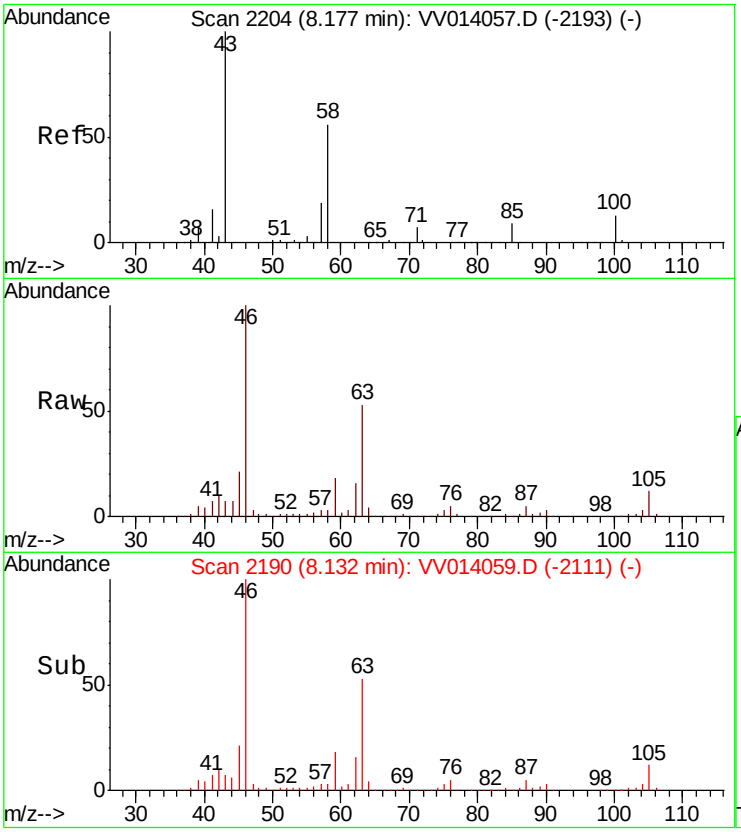


#44
trans-1,3-Dichloropropene
Concen: 0.801 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 75 Resp: 2181

Ion	Ratio	Lower	Upper
75	100		
77	35.7	21.8	40.4



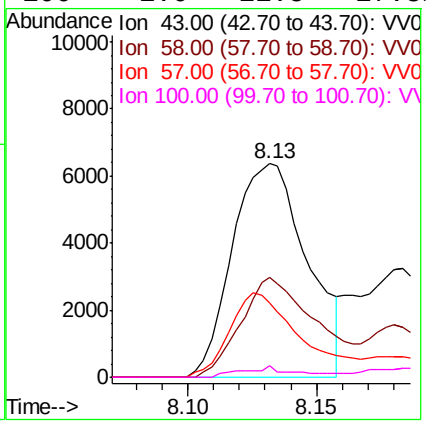


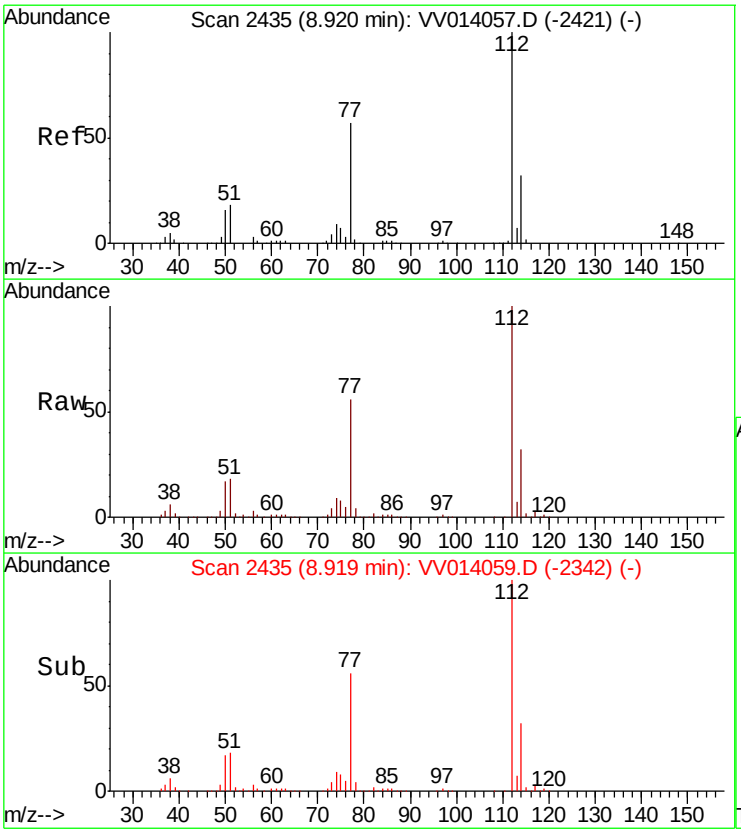
#48
2-Hexanone
Concen: 8.144 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12934

Ion	Ratio	Lower	Upper
43	100		
58	46.6	45.6	68.4
57	0.0	17.0	25.6#
100	1.0	11.5	17.3#

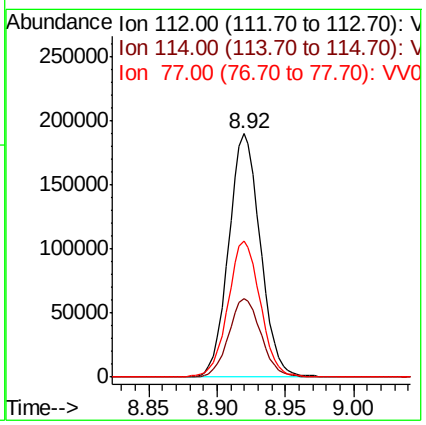


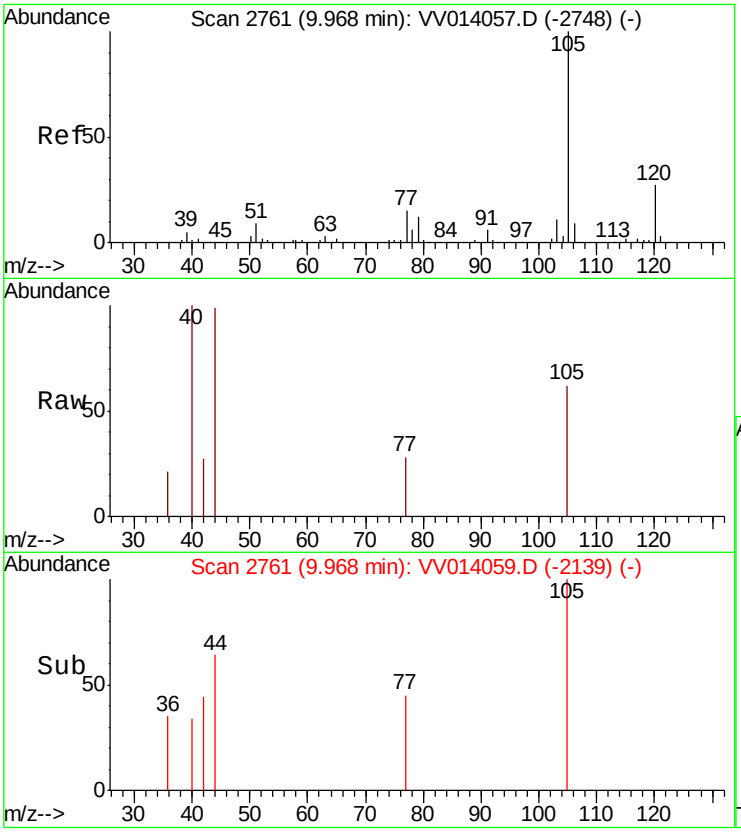


#51
Chlorobenzene
Concen: 60.972 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion:112 Resp: 306496

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.8	42.4
77	56.0	44.7	67.1



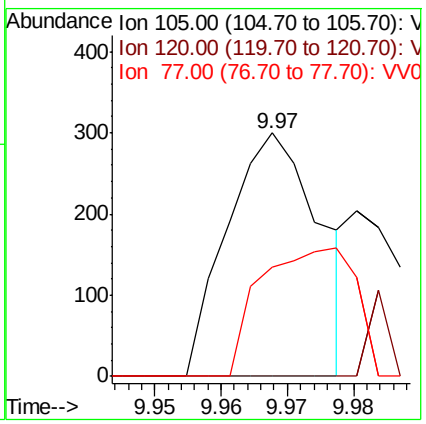


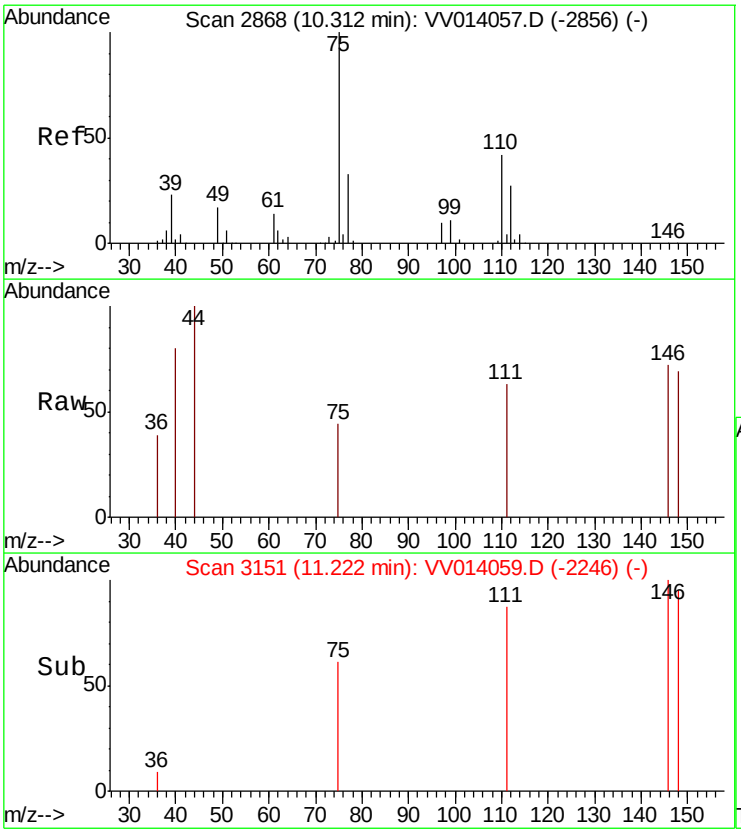
#60
Isopropylbenzene
Concen: 0.040 ug/L
RT: 9.97 min Scan# 2761
Delta R.T. -0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 290

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	32.0#
77	54.5	11.6	17.4#

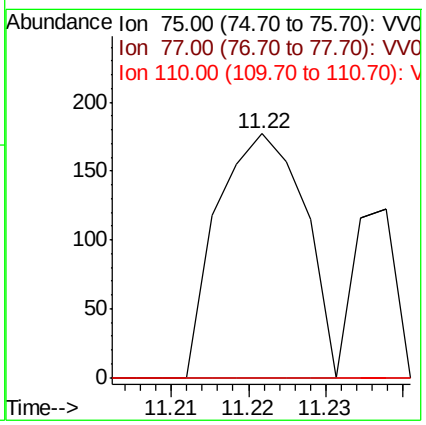


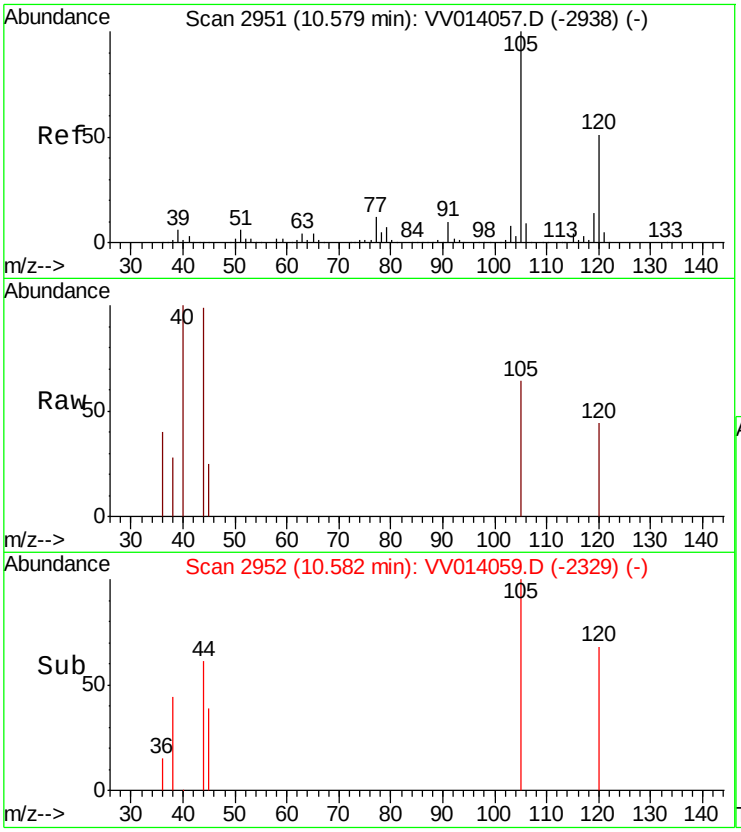


#61
1,2,3-Trichloropropane
Concen: 0.077 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.91 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion: 75 Resp: 139

Ion	Ratio	Lower	Upper
75	100		
77	50.4	25.7	38.5#
110	0.0	34.2	51.4#



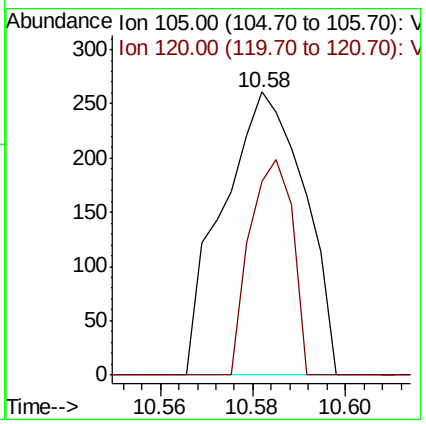


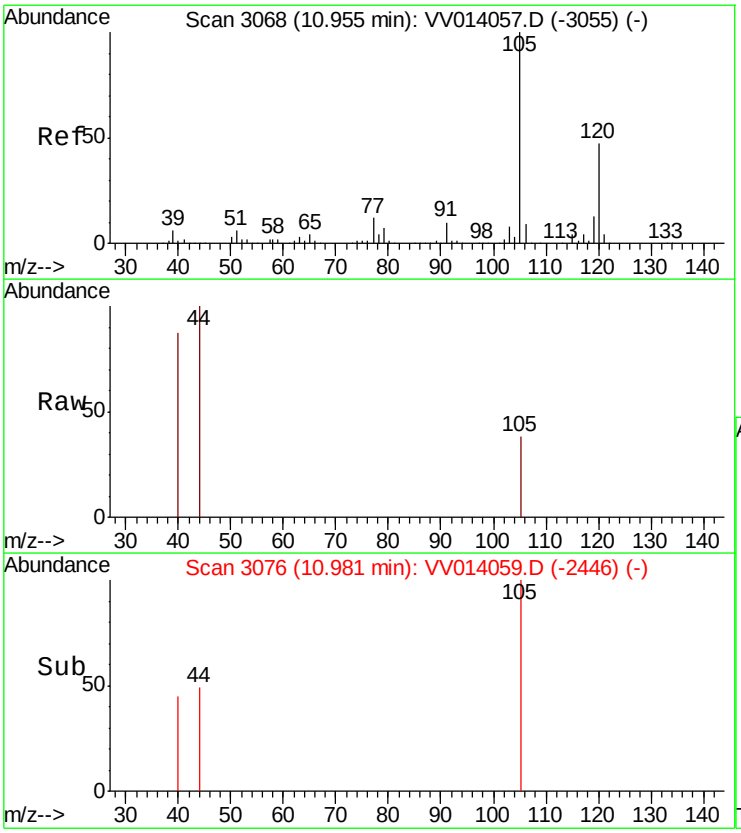
#62
1,3,5-Trimethylbenzene
Concen: 0.050 ug/L
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 318

Ion	Ratio	Lower	Upper
105	100		
120	39.9	39.2	58.8

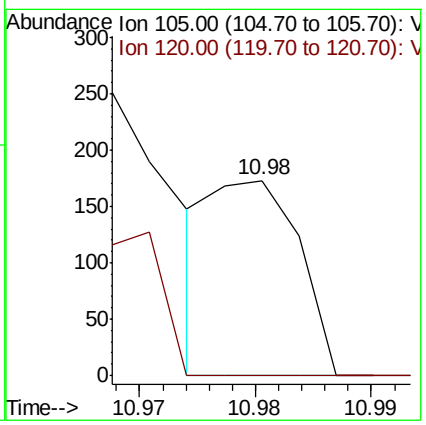


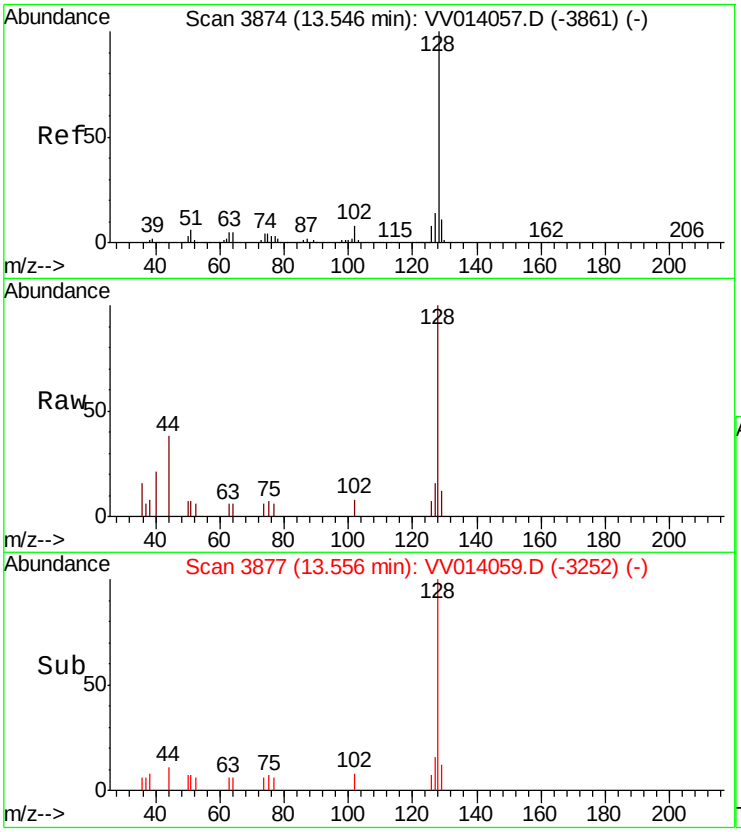


#63
1,2,4-Trimethylbenzene
Concen: 0.014 ug/L
RT: 10.98 min Scan# 3076
Delta R.T. 0.03 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Tgt Ion:105 Resp: 90

Ion	Ratio	Lower	Upper
105	100		
120	52.2	36.7	55.1





#71
Naphthalene
Concen: 0.526 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV014059.D
Acq: 13 Dec 2019 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3459

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	15.8
129	5.9	8.6	12.8#