Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111819\

Quantitation Report (Not Reviewed)

Data File : VV013657.D
Acq On : 18 Nov 2019 14:16
Operator : SY/MD
Sample : K5856-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAR29

Quant Time: Nov 19 04:28:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163003	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102833	4.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%			
7) Chloroethane-d5	1.58	69	96883	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.13	63	143096	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	3.92	46	248172	46.91	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.82%			
24) Chloroform-d	4.40	84	226146	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.08	65	113143	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.10	84	448173	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.11	67	138925	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	375926	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.66	79	46639	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.13	63	174664	40.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.10%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93677	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	157015	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1654	0.073	ug/L #	23
22) cis-1,2-Dichloroethene	3.96	96	4015	0.142	ug/L #	71
27) 1,2-Dichloroethane	5.10	62	2430	0.083	ug/L	95
34) Trichloroethene	5.96	95	7162	0.243	ug/L	88
35) Methylcyclohexane	6.12	83	33937	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	14752	0.560	ug/L #	86
48) 2-Hexanone	8.18	43	12924	1.189	ug/L #	80
51) Chlorobenzene	8.92	112	6565	0.084	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111819\

Quantitation Report (Not Reviewed)

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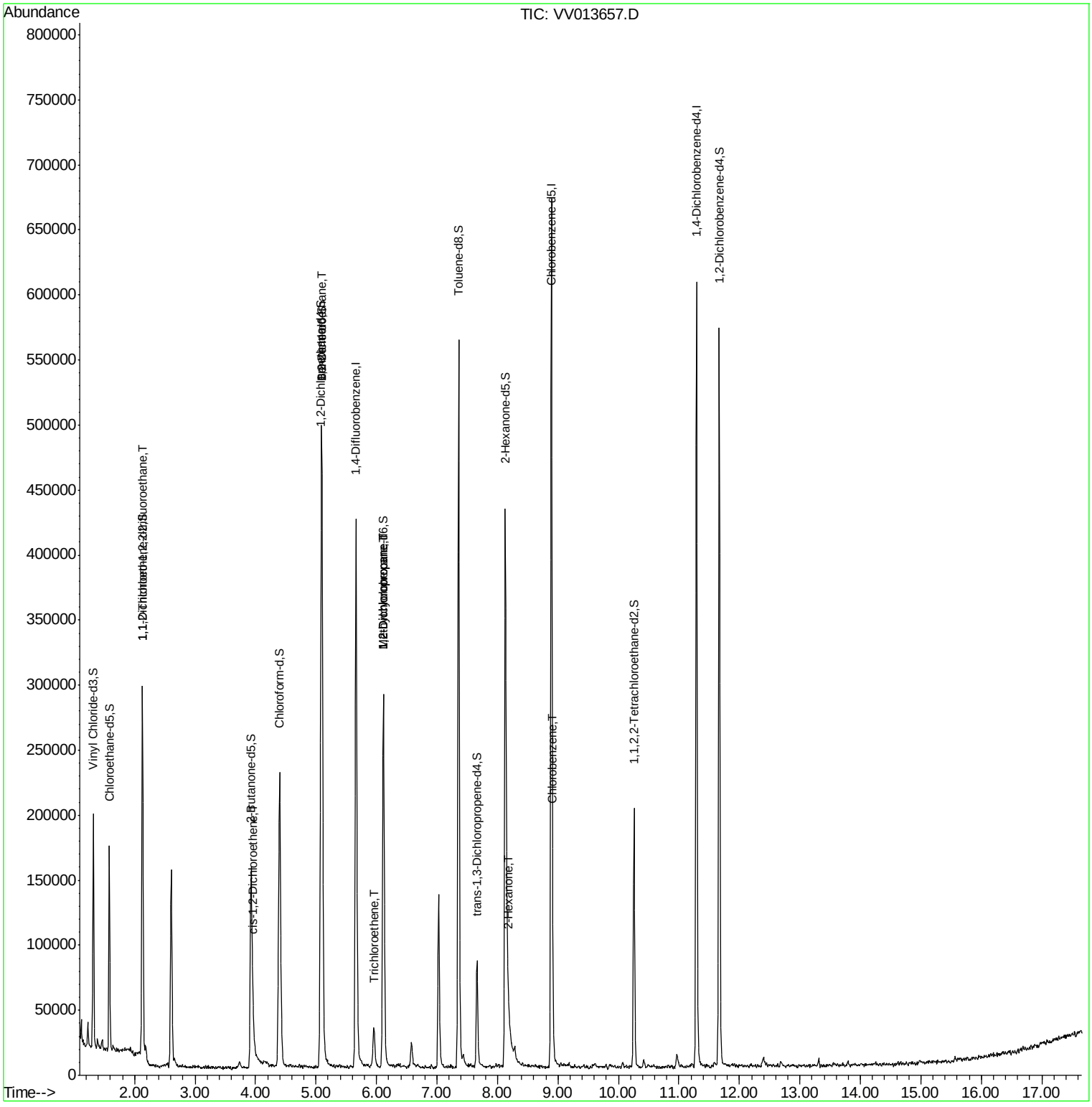
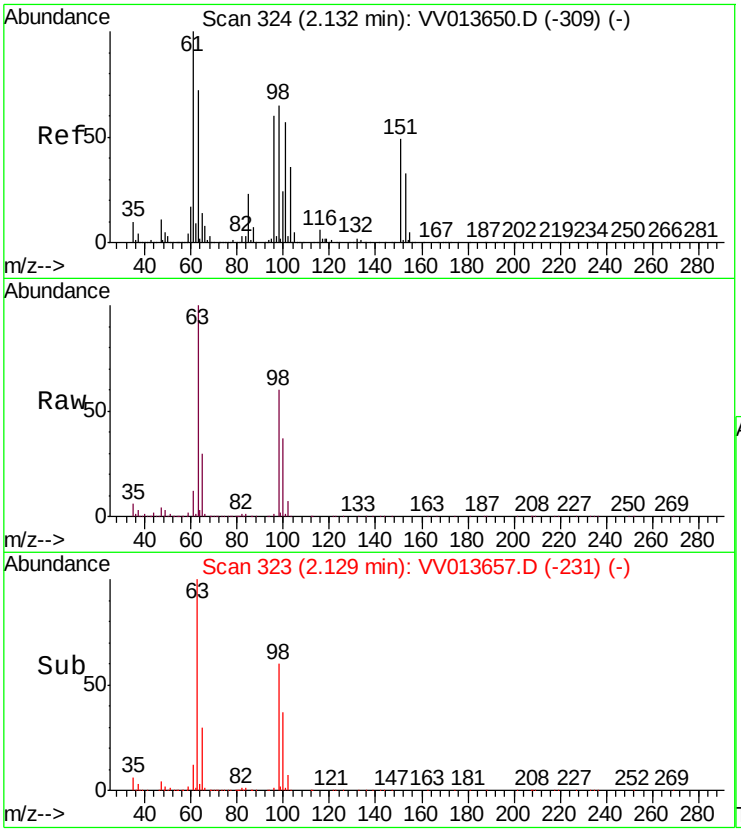
Operator : SY/MD
Sample : K5856-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAR29

Quant Time: Nov 19 04:28:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration



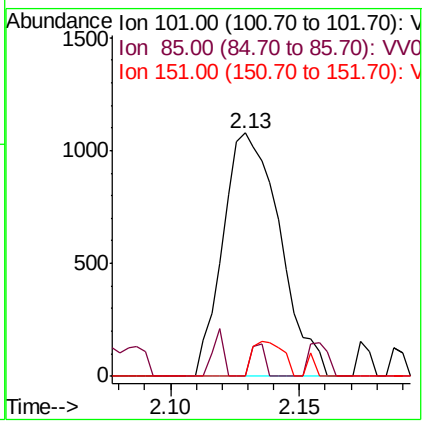


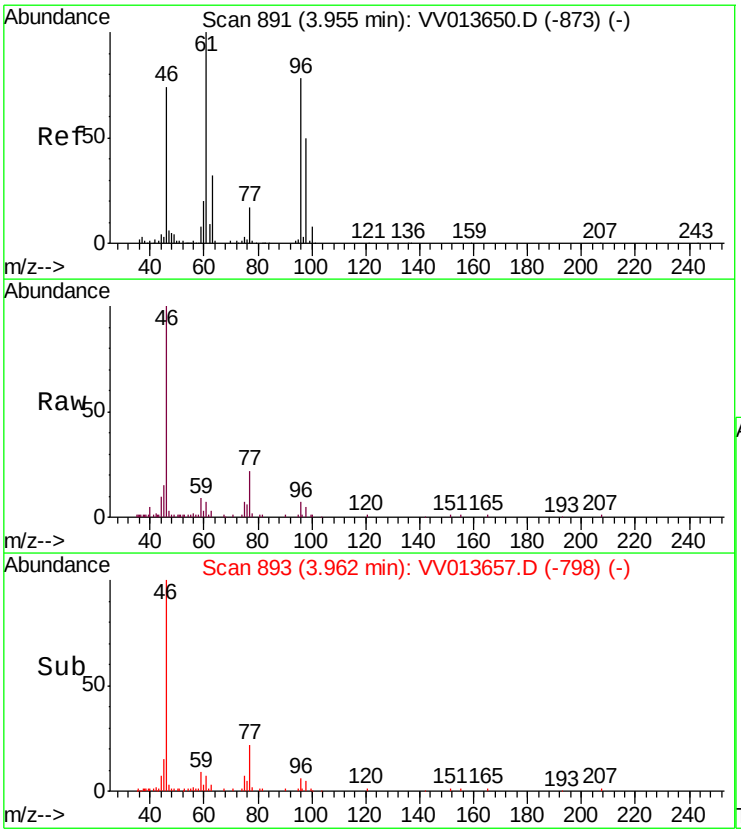
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
GAR29

Tgt Ion:101 Resp: 1654

Ion	Ratio	Lower	Upper
101	100		
85	3.2	32.0	48.0#
151	7.8	69.0	103.6#

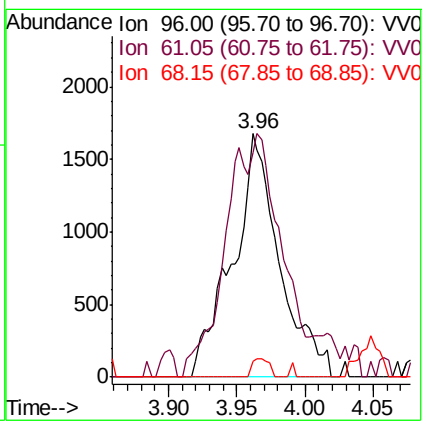


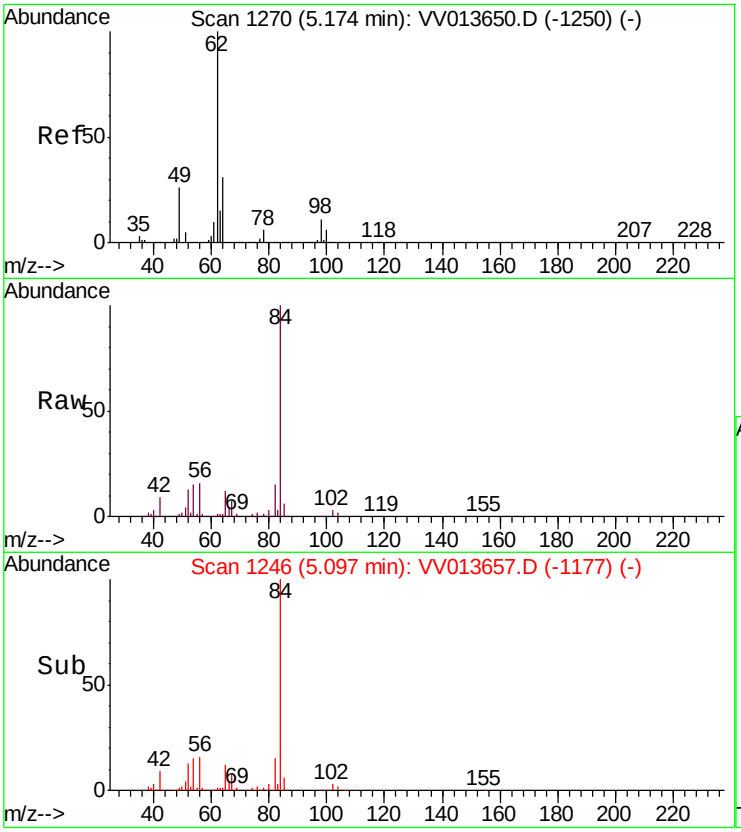


#22
cis-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Tgt Ion: 96 Resp: 4015

Ion	Ratio	Lower	Upper
96	100		
61	92.3	87.7	162.9
68	6.4	0.1	0.3#



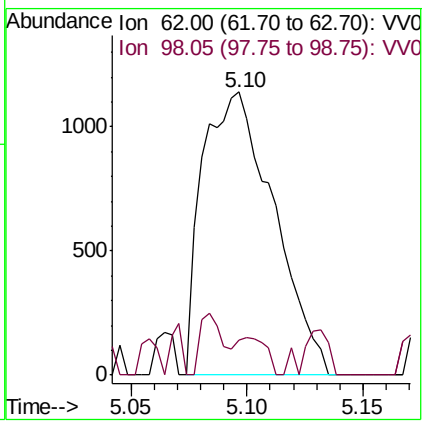


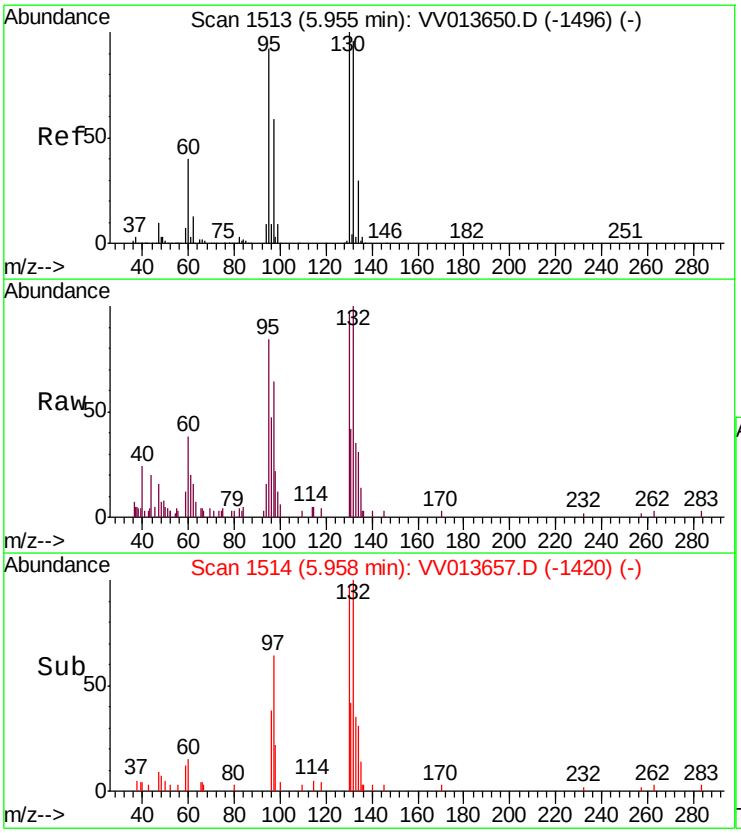
#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
GAR29

Tgt Ion: 62 Resp: 2430

Ion	Ratio	Lower	Upper
62	100		
98	12.2	8.2	12.2

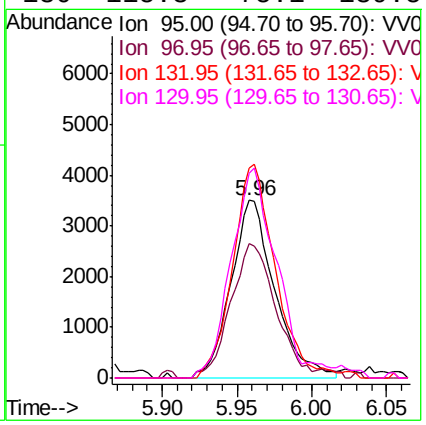


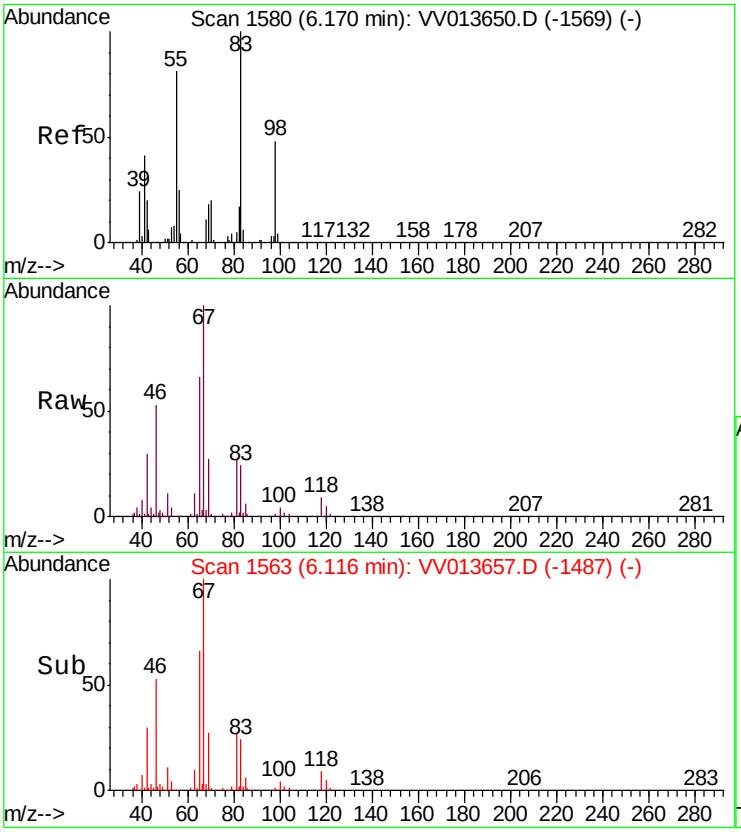


#34
Trichloroethene
Concen: 0.243 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Tgt Ion: 95 Resp: 7162

Ion	Ratio	Lower	Upper
95	100		
97	75.7	44.8	83.2
132	118.4	72.9	135.3
130	115.3	75.1	139.5



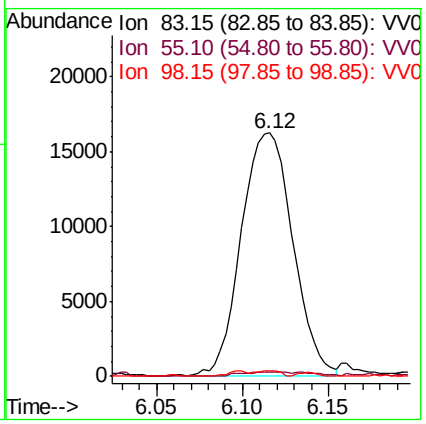


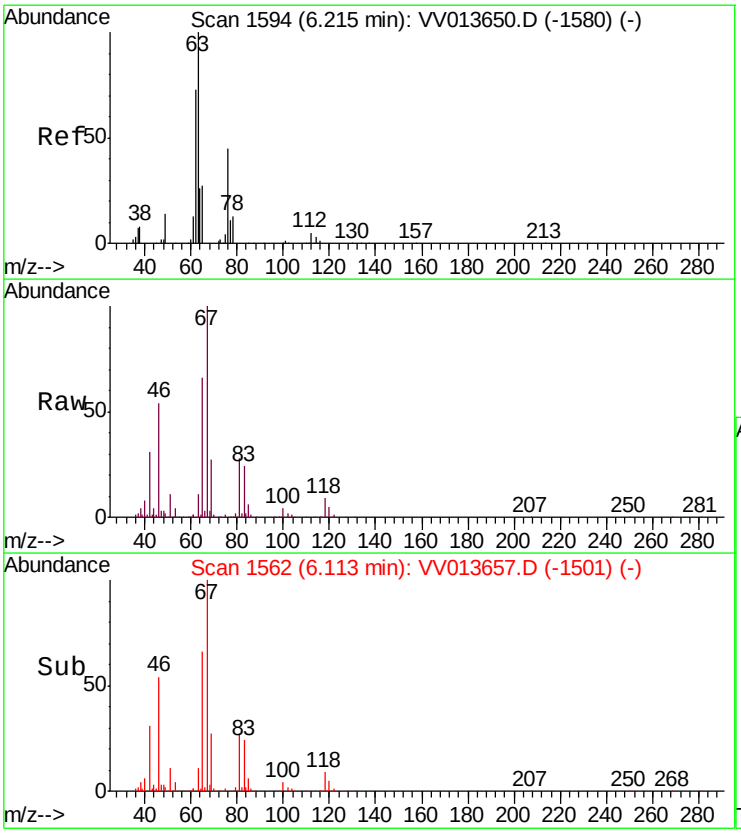
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
GAR29

Tgt Ion: 83 Resp: 33937

Ion	Ratio	Lower	Upper
83	100		
55	1.3	64.1	96.1#
98	0.9	38.2	57.2#

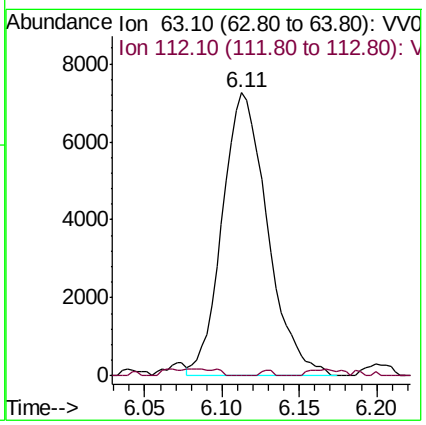


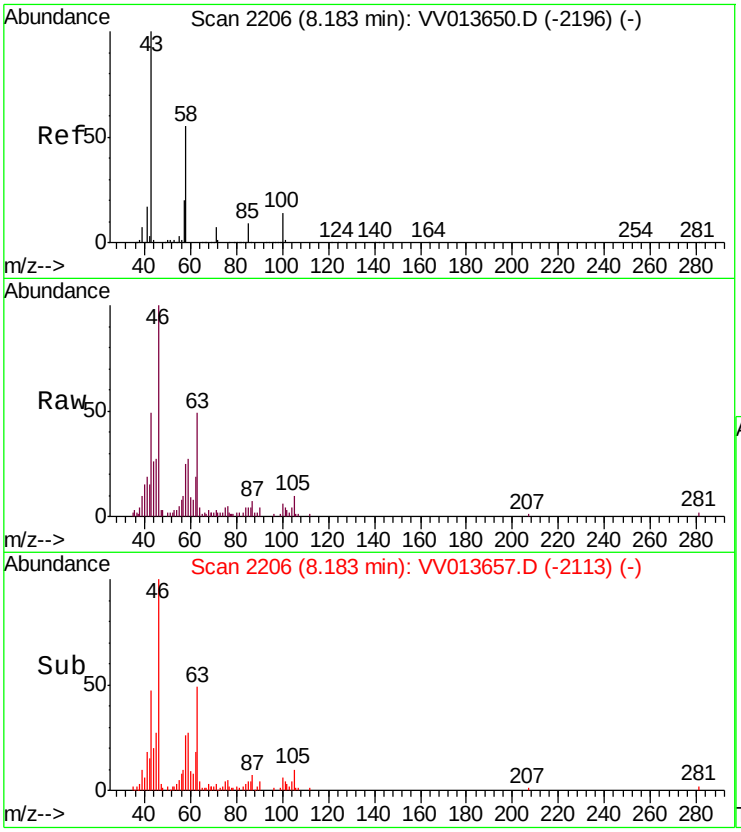


#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Tgt Ion: 63 Resp: 14752

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.1	6.1#



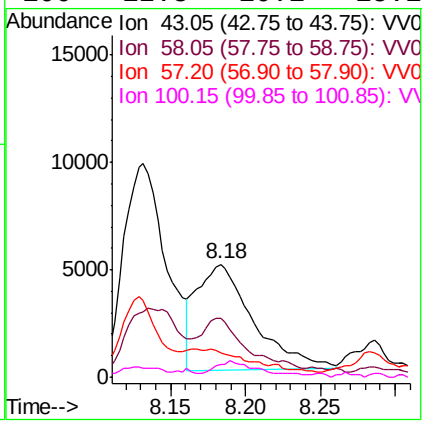


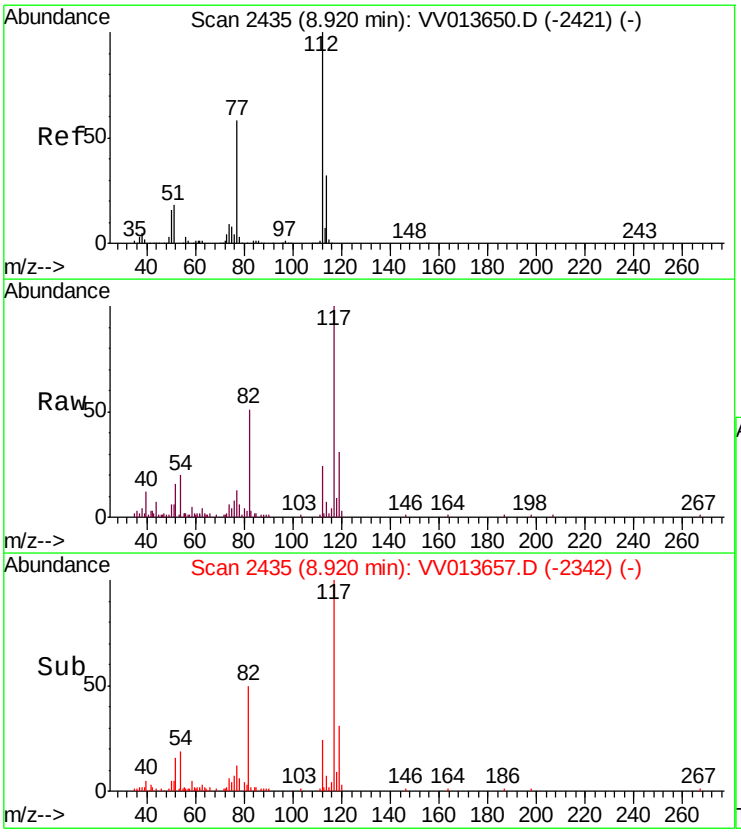
#48
2-Hexanone
Concen: 1.189 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Instrument : MSVOA_V
ClientSampleId : GAR29

Tgt Ion: 43 Resp: 12924

Ion	Ratio	Lower	Upper
43	100		
58	42.5	43.0	64.6#
57	0.0	15.4	23.2#
100	12.3	10.1	15.1





#51
Chlorobenzene
Concen: 0.084 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013657.D
Acq: 18 Nov 2019 14:16

Tgt Ion:112 Resp: 6565

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.8	42.4
77	53.7	45.0	67.4