Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013267.D
Acq On : 22 Oct 2019 01:22
Operator : SY/MD
Sample : K5457-09
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K14

Quant Time: Oct 22 03:57:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	471981	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	501143	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253038	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	159823	4.59	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%				
7) Chloroethane-d5	1.58	69	143467	5.00	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%				
11) 1,1-Dichloroethene-d2	2.13	63	210021	3.39	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%				
20) 2-Butanone-d5	3.98	46	423933	63.44	ug/L		0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.88%				
24) Chloroform-d	4.40	84	373313	4.56	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%				
26) 1,2-Dichloroethane-d4	5.08	65	183619	4.84	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%				
32) Benzene-d6	5.10	84	722458	4.45	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%				
36) 1,2-Dichloropropane-d6	6.12	67	230969	4.73	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%				
41) Toluene-d8	7.36	98	567107	3.77	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%				
43) trans-1,3-Dichloropropene-	7.66	79	51112	2.77	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 55.40%				
46) 2-Hexanone-d5	8.14	63	247441	37.58	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.16%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	160890	4.57	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%				
64) 1,2-Dichlorobenzene-d4	11.67	152	234913	4.77	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	3584	0.079	ug/L		100
12) 1,1-Dichloroethene	2.14	96	36709	0.989	ug/L	#	13
13) Acetone	2.24	43	4370	1.265	ug/L		82
14) Carbon disulfide	2.31	76	91230	0.856	ug/L		98
17) Methyl tert-butyl Ether	2.81	73	7061	0.082	ug/L	#	80
19) 1,1-Dichloroethane	3.23	63	10445	0.147	ug/L	#	87
22) cis-1,2-Dichloroethene	3.96	96	274633	5.865	ug/L	#	86
27) 1,2-Dichloroethane	5.10	62	4120	0.083	ug/L		98
29) 1,1,1-Trichloroethane	4.65	97	8703	0.117	ug/L	#	76
34) Trichloroethene	5.96	95	114075	2.222	ug/L		98
35) Methylcyclohexane	6.11	83	55680	0.705	ug/L	#	18
37) 1,2-Dichloropropane	6.11	63	23350	0.502	ug/L	#	87
47) Tetrachloroethene	8.02	164	18239	0.391	ug/L		95
48) 2-Hexanone	8.14	43	48253	2.845	ug/L	#	84
49) Dibromochloromethane	8.02	129	14400	0.352	ug/L	#	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013267.D
Acq On : 22 Oct 2019 01:22
Operator : SY/MD
Sample : K5457-09
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Quant Time: Oct 22 03:57:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 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\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013267.D
Acq On : 22 Oct 2019 01:22
Operator : SY/MD
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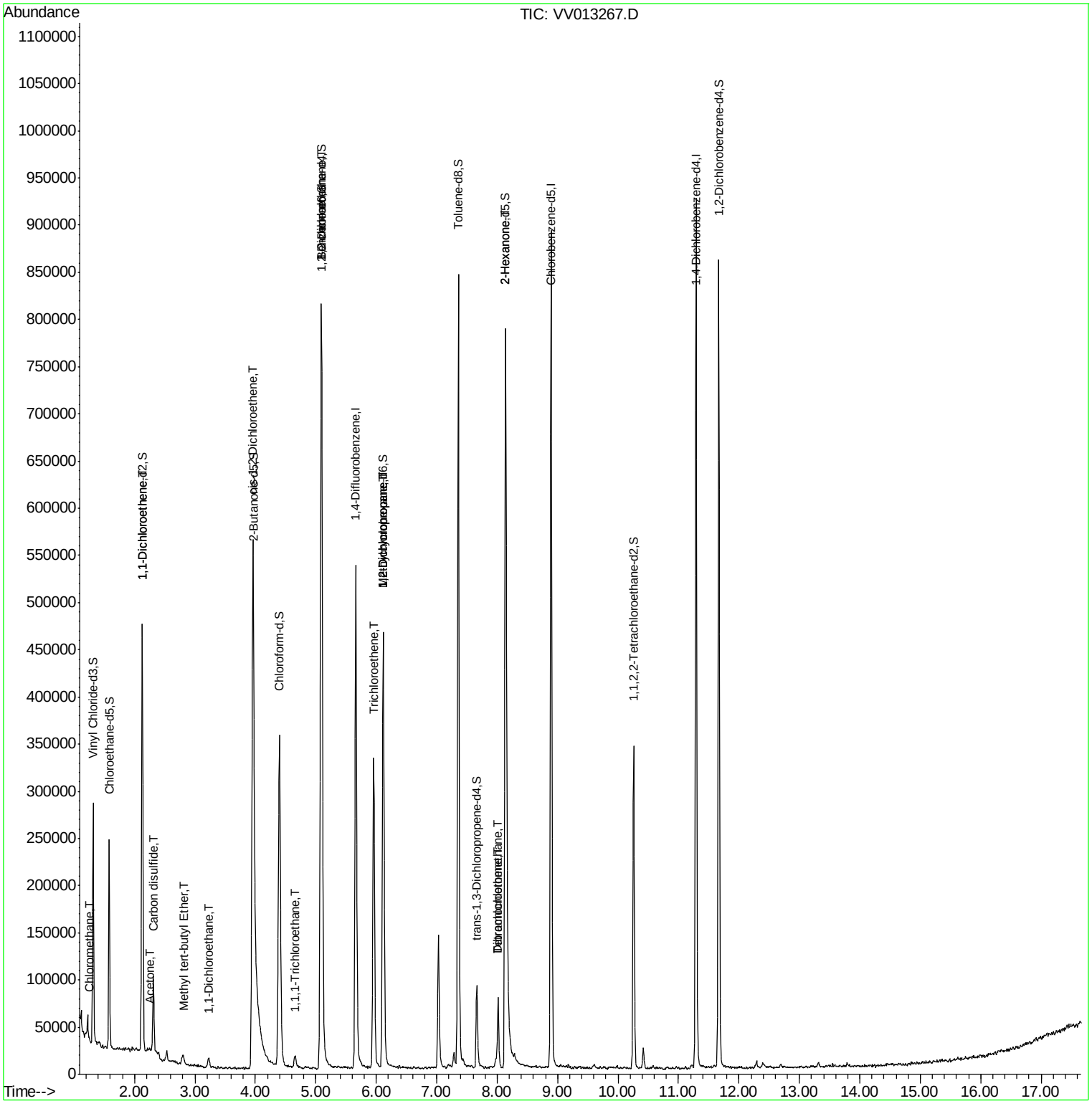
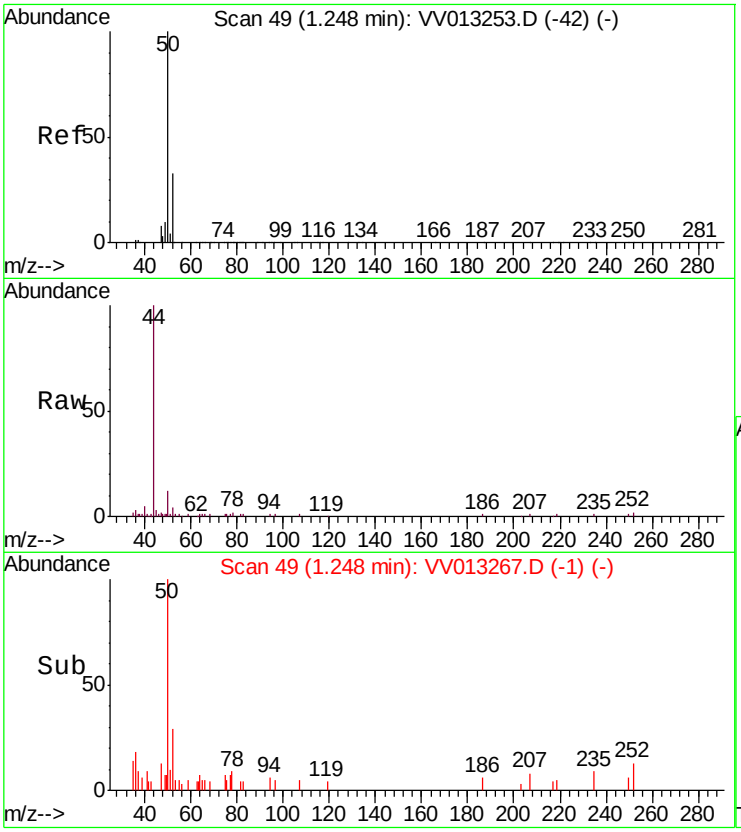
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration



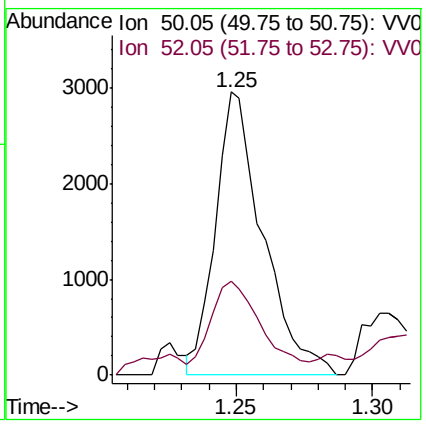


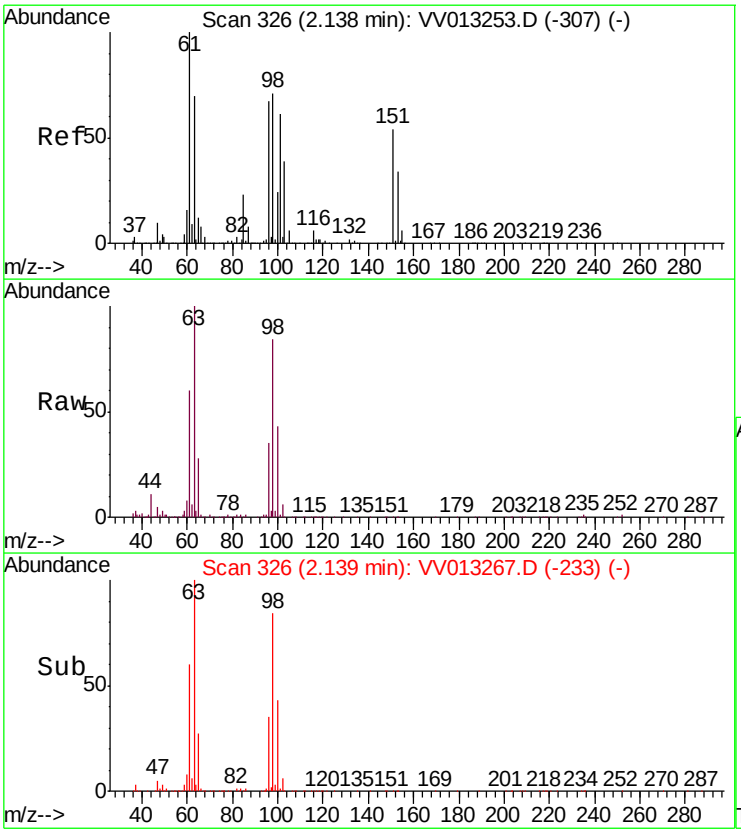
#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 50 Resp: 3584

Ion	Ratio	Lower	Upper
50	100		
52	33.3	23.3	43.3

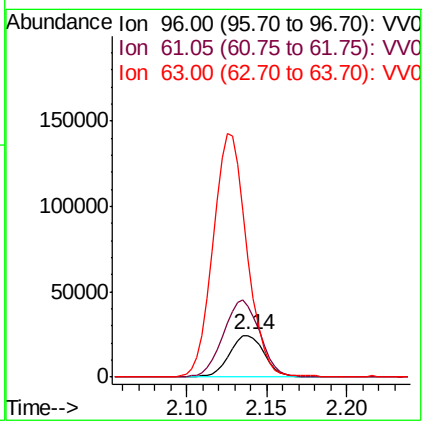


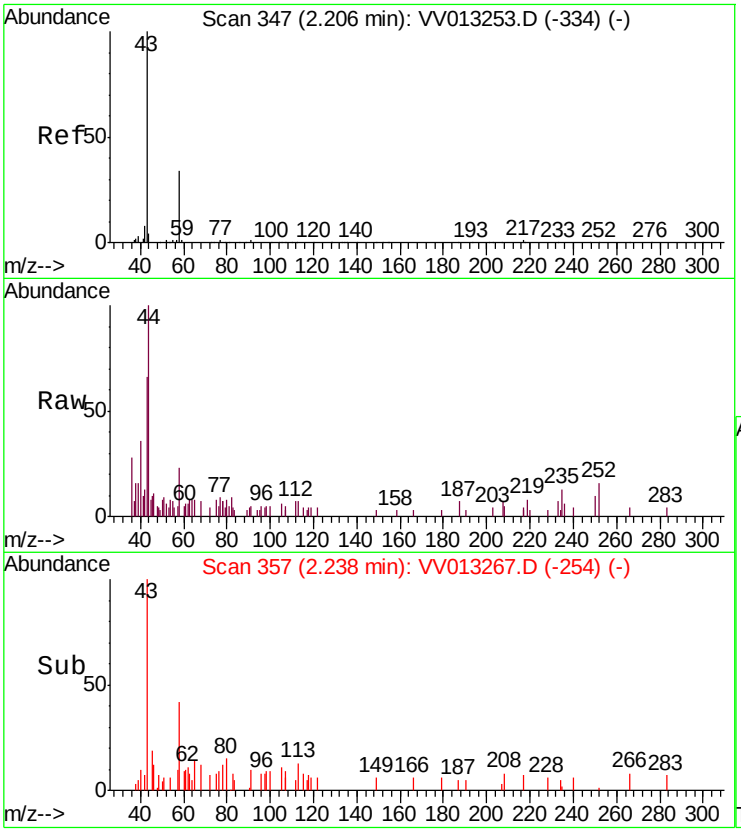


#12
1,1-Dichloroethene
Concen: 0.989 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 96 Resp: 36709

Ion	Ratio	Lower	Upper
96	100		
61	171.2	104.0	193.1
63	284.5	67.1	124.5#



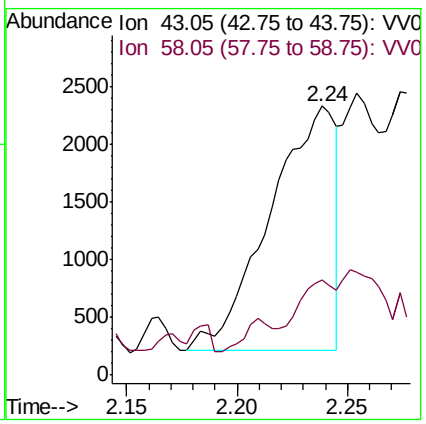


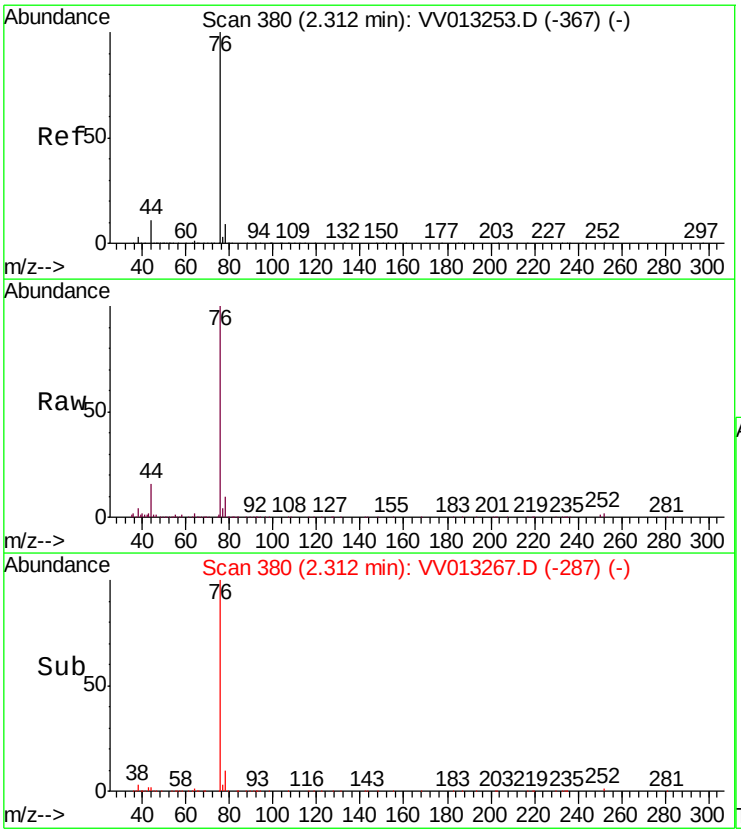
#13
Acetone
Concen: 1.265 ug/L
RT: 2.24 min Scan# 357
Delta R.T. 0.03 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 43 Resp: 4370

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	26.2

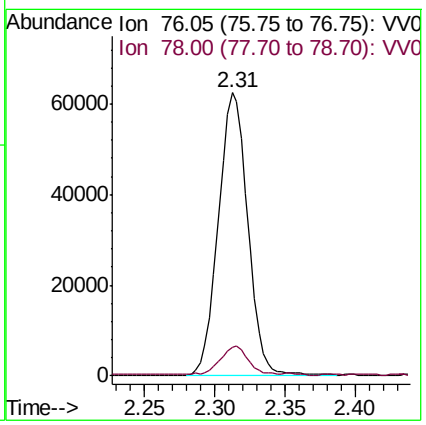


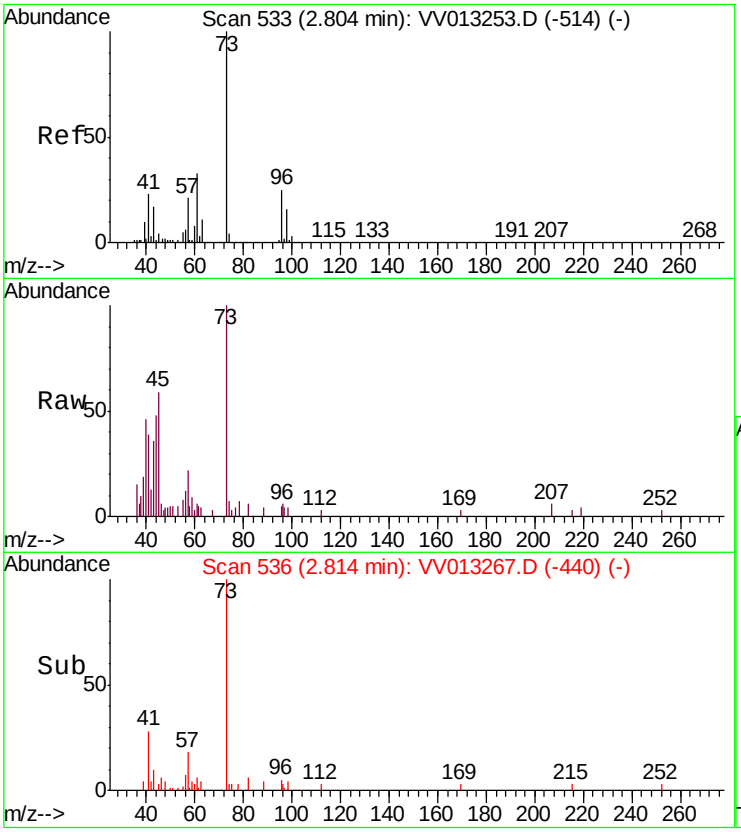


#14
Carbon disulfide
Concen: 0.856 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 76 Resp: 91230

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9



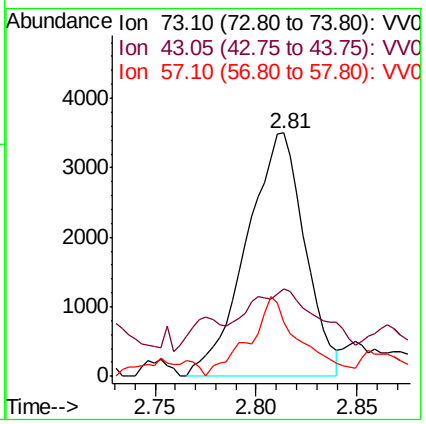


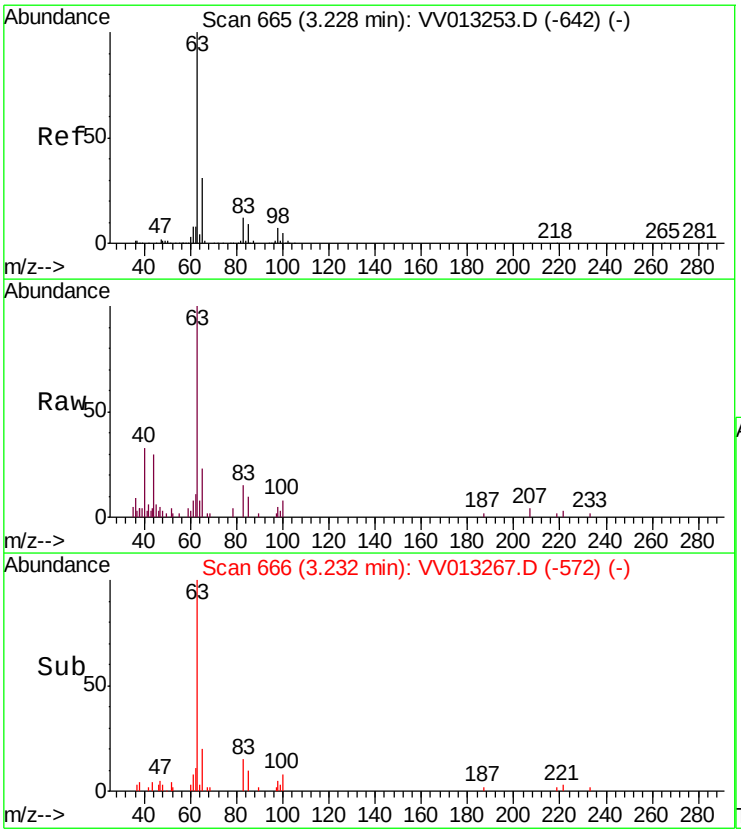
#17
Methyl tert-butyl Ether
Concen: 0.082 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.01 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 73 Resp: 7061

Ion	Ratio	Lower	Upper
73	100		
43	26.1	13.1	19.7#
57	28.5	16.4	24.6#

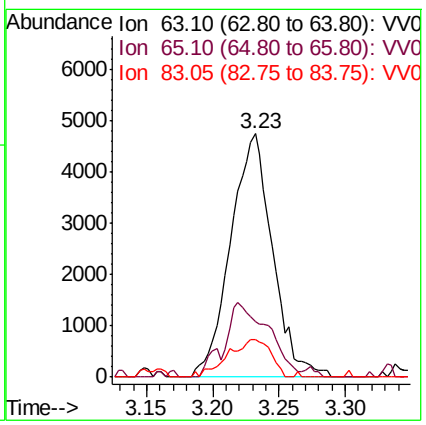


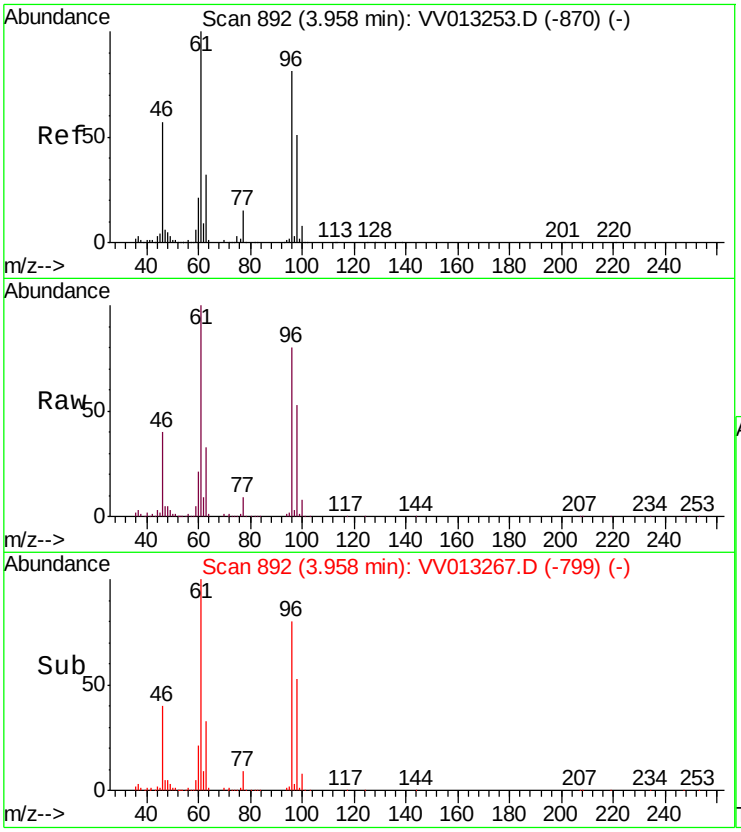


#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 63 Resp: 10445

Ion	Ratio	Lower	Upper
63	100		
65	22.5	23.0	42.8#
83	15.3	10.2	19.0



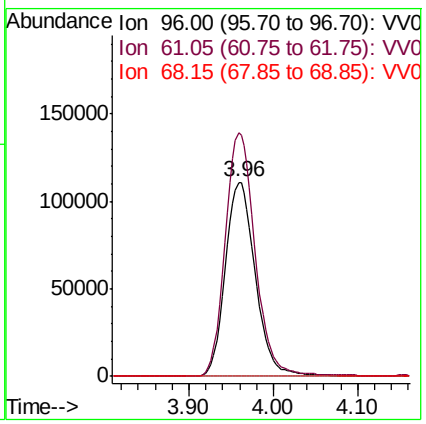


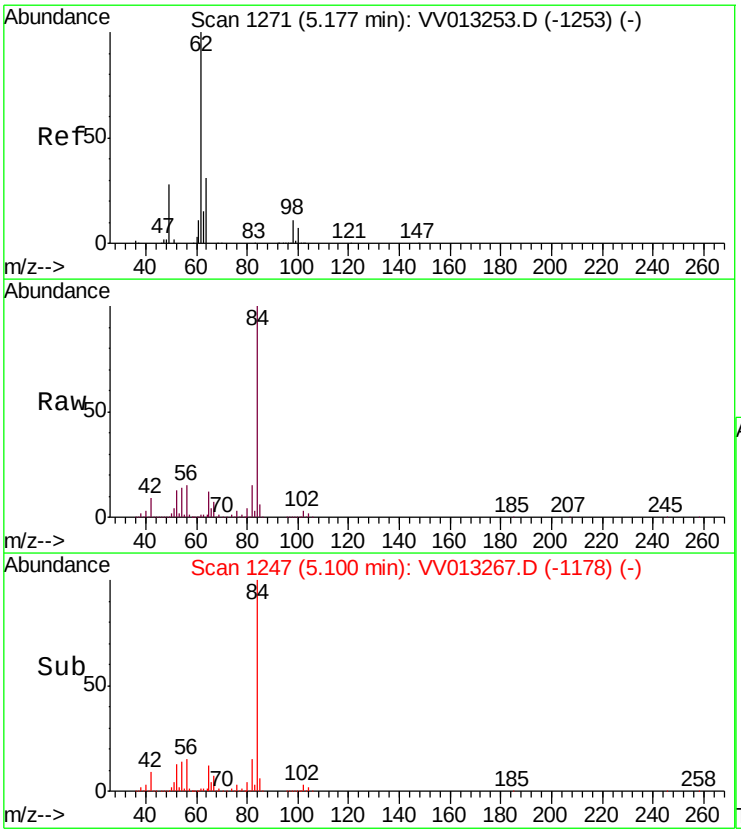
#22
cis-1,2-Dichloroethene
Concen: 5.865 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 96 Resp: 274633

Ion	Ratio	Lower	Upper
96	100		
61	125.6	77.3	143.7
68	0.0	0.1	0.1#

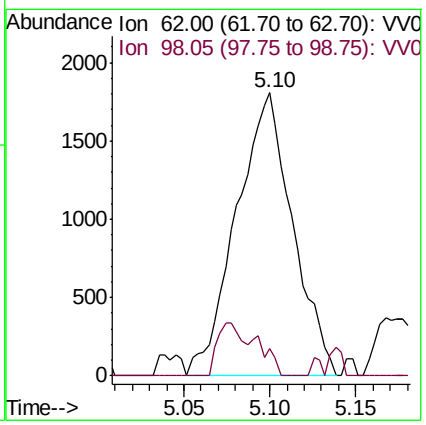


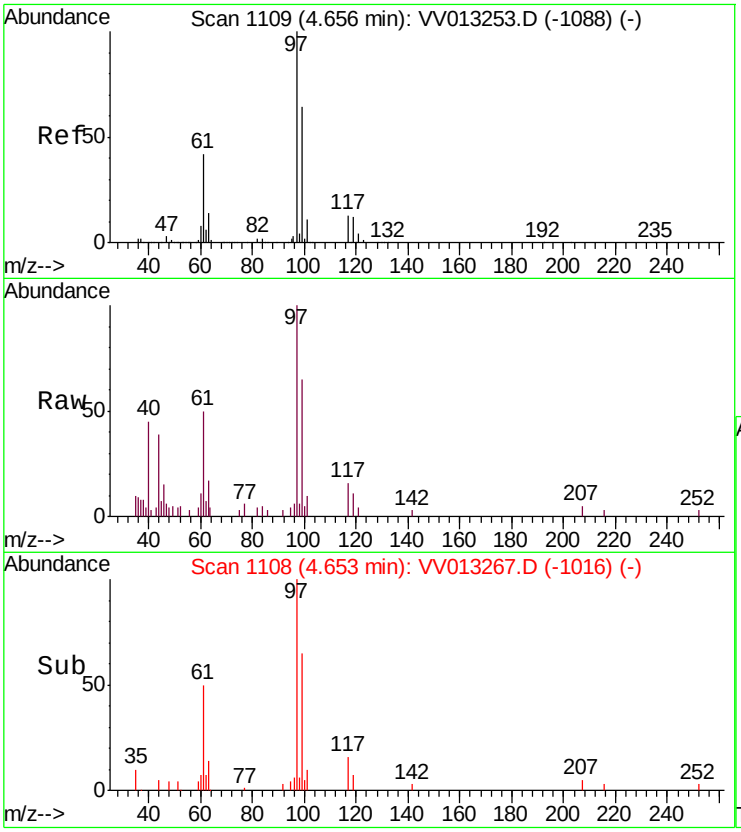


#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 62 Resp: 4120

Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.3	12.5



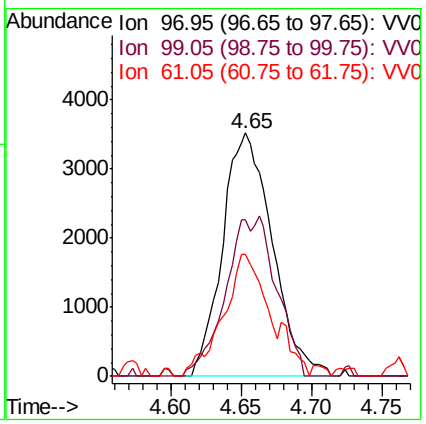


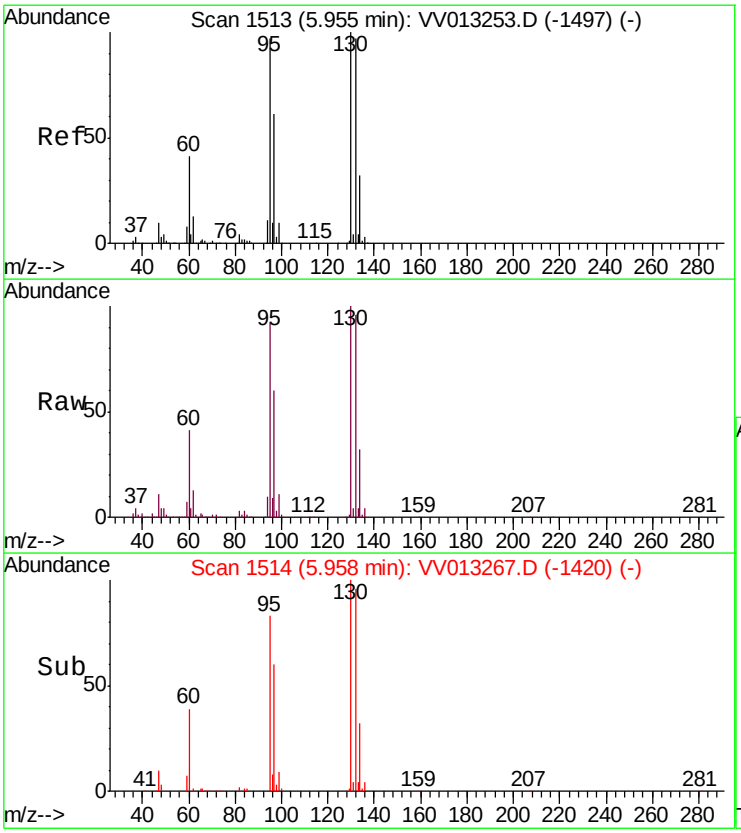
#29
1,1,1-Trichloroethane
Concen: 0.117 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 97 Resp: 8703

Ion	Ratio	Lower	Upper
97	100		
99	34.6	51.7	77.5#
61	41.9	34.3	51.5

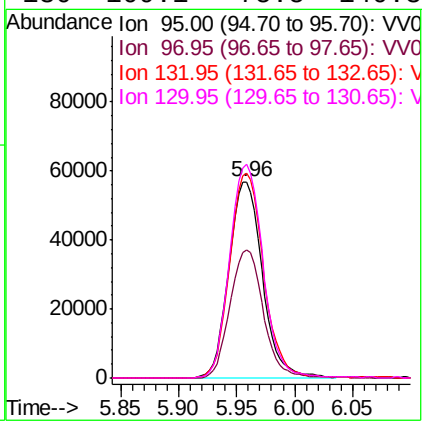


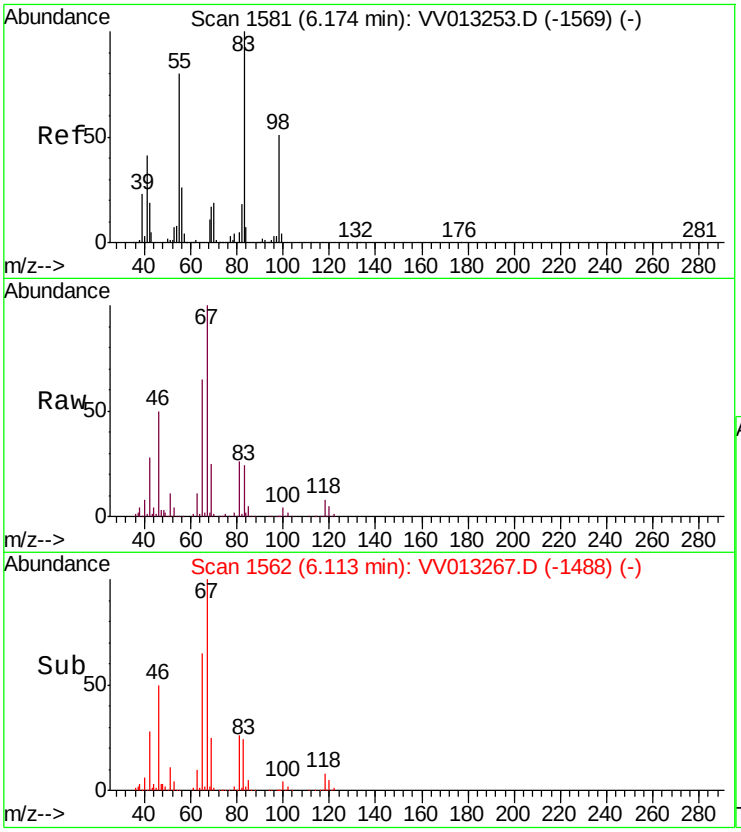


#34
Trichloroethene
Concen: 2.222 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 95 Resp: 114075

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.2	84.0
132	104.5	70.6	131.2
130	109.1	75.5	140.3



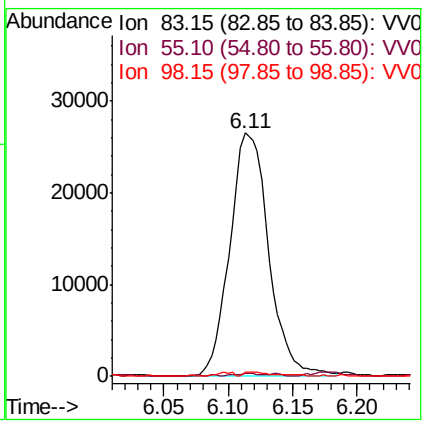


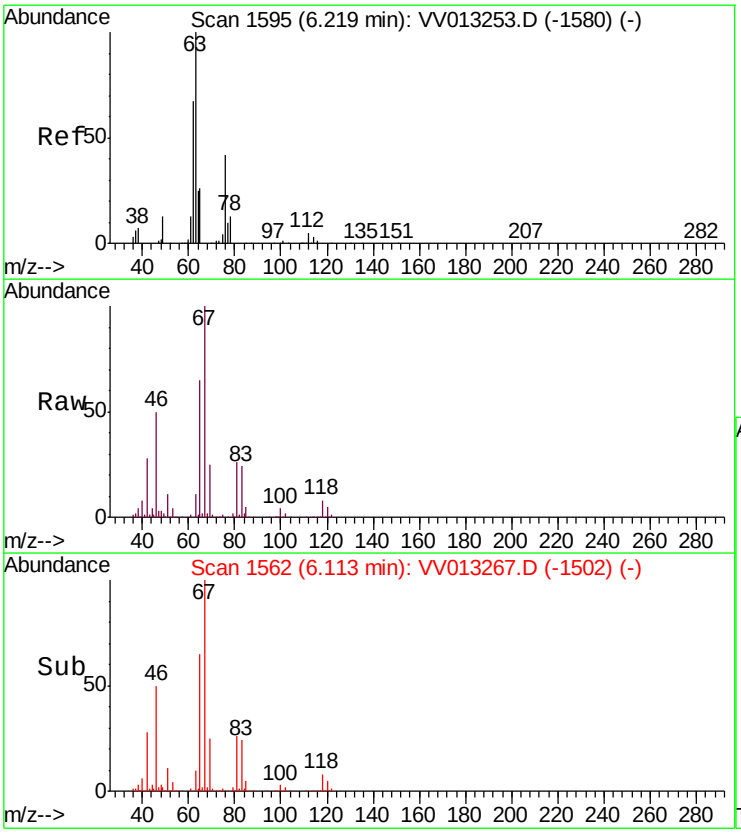
#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 83 Resp: 55680

Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.4	93.6#
98	1.2	39.2	58.8#

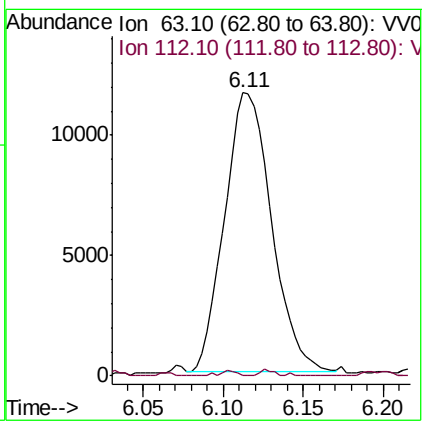


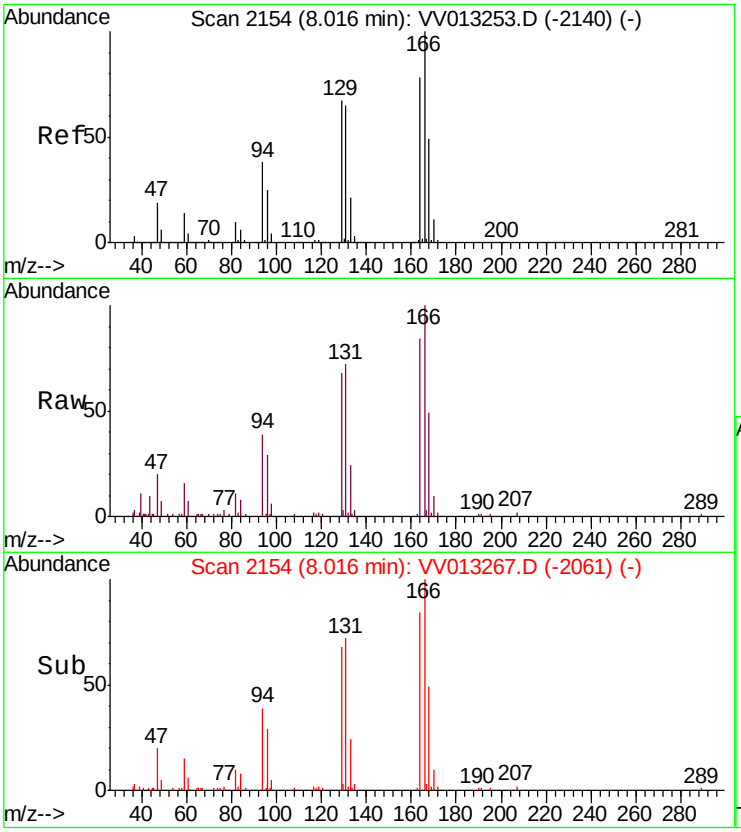


#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 63 Resp: 23350

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.1	6.1#



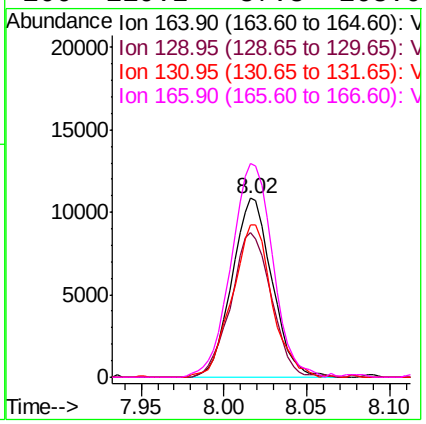


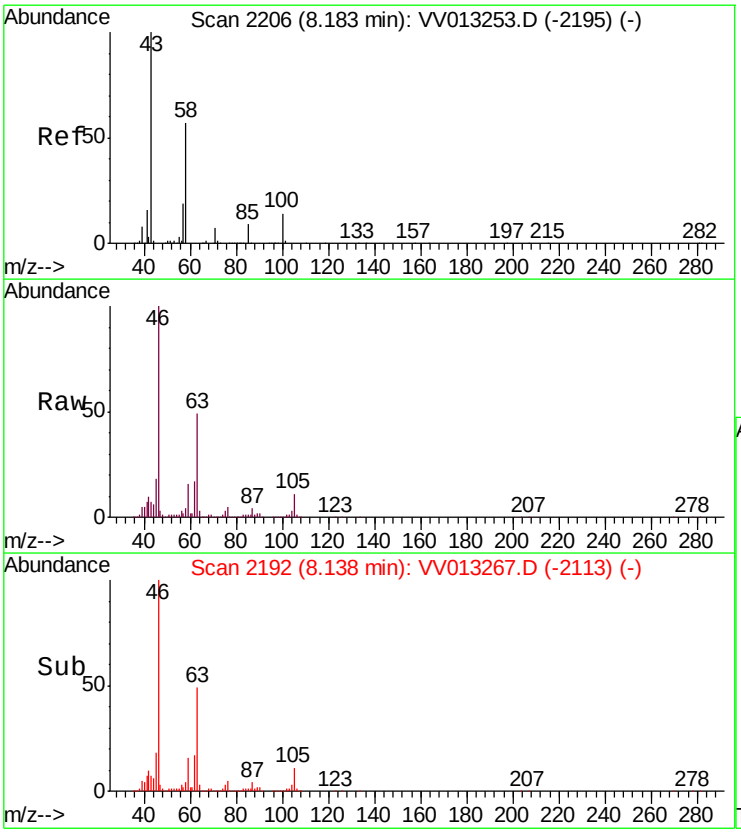
#47
Tetrachloroethene
Concen: 0.391 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion:164 Resp: 18239

Ion	Ratio	Lower	Upper
164	100		
129	80.9	61.0	113.2
131	85.4	57.5	106.9
166	119.2	87.8	163.0

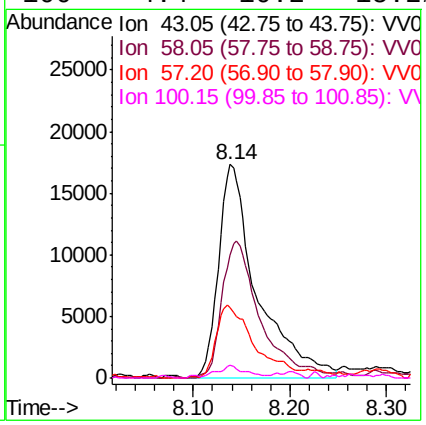


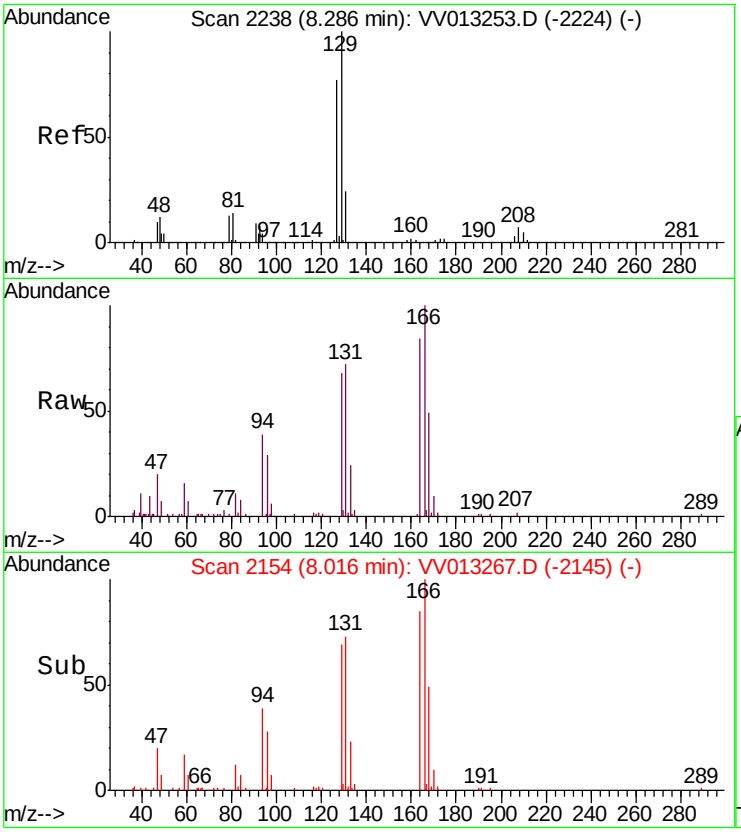


#48
2-Hexanone
Concen: 2.845 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion: 43 Resp: 48253

Ion	Ratio	Lower	Upper
43	100		
58	63.0	45.1	67.7
57	33.8	15.5	23.3#
100	4.4	10.2	15.2#





#49
Dibromochloromethane
Concen: 0.352 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion:129 Resp: 14400

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#