Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013348.D
Acq On : 25 Oct 2019 16:08
Operator : SY/MD
Sample : K5457-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K10

Quant Time: Oct 26 01:01:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399408	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	427301	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225897	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	195530	6.64	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 132.80%#				
7) Chloroethane-d5	1.58	69	148869	6.13	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.60%				
11) 1,1-Dichloroethene-d2	2.14	63	879210	16.78	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 335.60%#				
20) 2-Butanone-d5	3.94	46	387903	68.59	ug/L		-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 137.18%#				
24) Chloroform-d	4.40	84	358531	5.18	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%				
26) 1,2-Dichloroethane-d4	5.08	65	171786	5.35	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%				
32) Benzene-d6	5.10	84	778136	5.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%				
36) 1,2-Dichloropropane-d6	6.12	67	227204	5.46	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%				
41) Toluene-d8	7.36	98	678277	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%				
43) trans-1,3-Dichloropropene-	7.66	79	76995	4.89	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%				
46) 2-Hexanone-d5	8.13	63	248742	44.31	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.62%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143506	4.78	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%				
64) 1,2-Dichlorobenzene-d4	11.67	152	256094	5.83	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	4939	0.129	ug/L		92
5) Vinyl chloride	1.32	62	6119	0.159	ug/L	#	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7076	0.215	ug/L	#	21
12) 1,1-Dichloroethene	2.14	96	1400138	44.588	ug/L	#	80
13) Acetone	2.35	43	22059	7.545	ug/L		91
15) Methyl Acetate	2.35	43	22059	2.231	ug/L	#	51
17) Methyl tert-butyl Ether	2.80	73	4878	0.067	ug/L	#	85
18) trans-1,2-Dichloroethene	2.79	96	8046	0.217	ug/L		89
19) 1,1-Dichloroethane	3.23	63	251750	4.184	ug/L		99
22) cis-1,2-Dichloroethene	3.96	96	1178667	29.747	ug/L	#	93
25) Chloroform	4.43	83	55022	0.701	ug/L		92
27) 1,2-Dichloroethane	5.19	62	4172	0.100	ug/L	#	67
29) 1,1,1-Trichloroethane	4.66	97	95387	1.510	ug/L		98
31) Carbon tetrachloride	4.88	117	41096	0.725	ug/L		100
34) Trichloroethene	5.96	95	1750247	39.977	ug/L		96
35) Methylcyclohexane	6.12	83	54807	0.814	ug/L	#	18
37) 1,2-Dichloropropane	6.12	63	22905	0.578	ug/L	#	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

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Acq On : 25 Oct 2019 16:08
Operator : SY/MD
Sample : K5457-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K10

Quant Time: Oct 26 01:01:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	7.66	75	3748	0.089	ug/L		94
45) 1,1,2-Trichloroethane	7.88	97	9486	0.343	ug/L		96
47) Tetrachloroethene	8.02	164	1344091	33.806	ug/L		98
48) 2-Hexanone	8.18	43	18337	1.268	ug/L	#	46
49) Dibromochloromethane	8.02	129	1102682	31.643	ug/L	#	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013348.D
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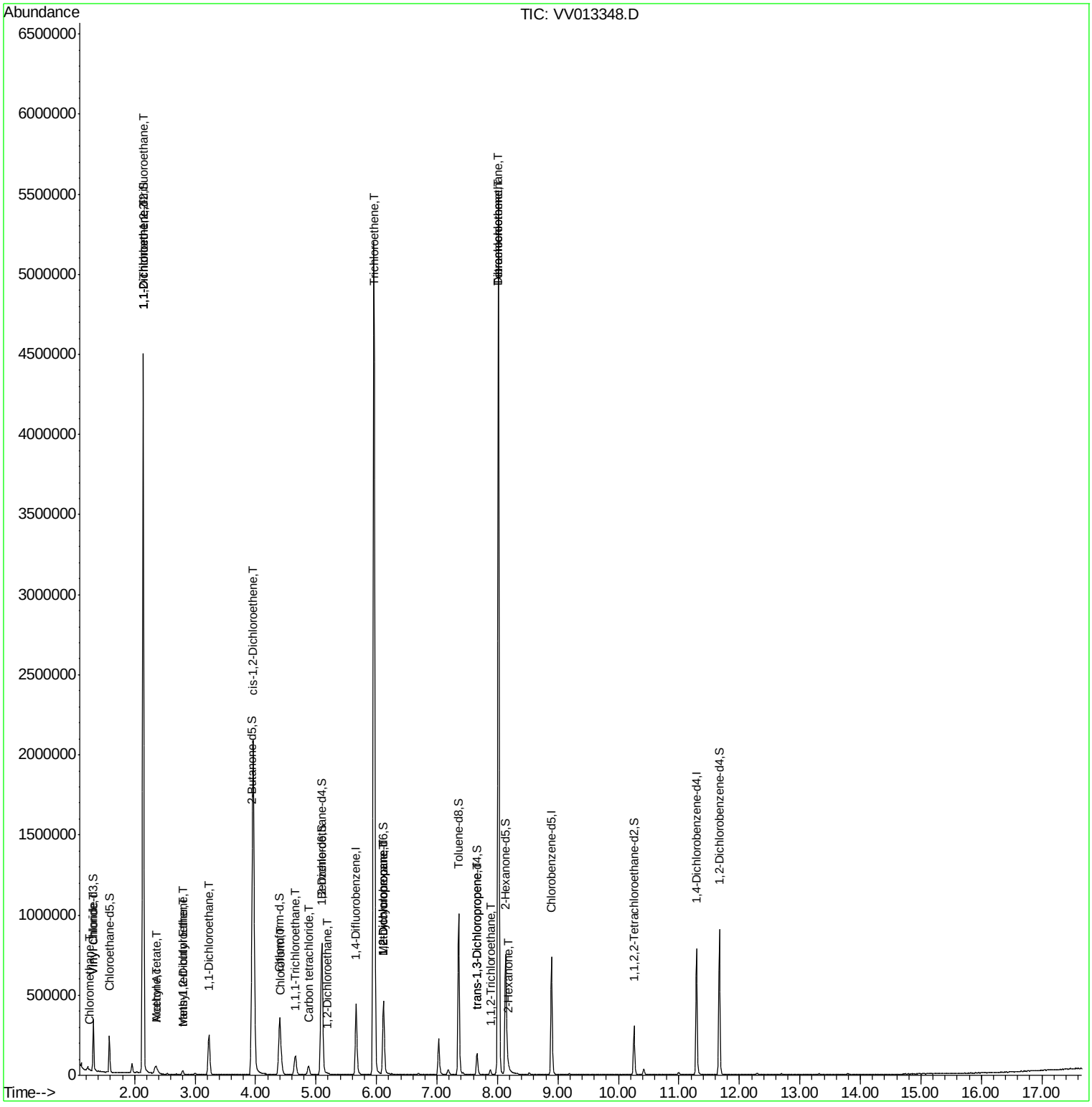
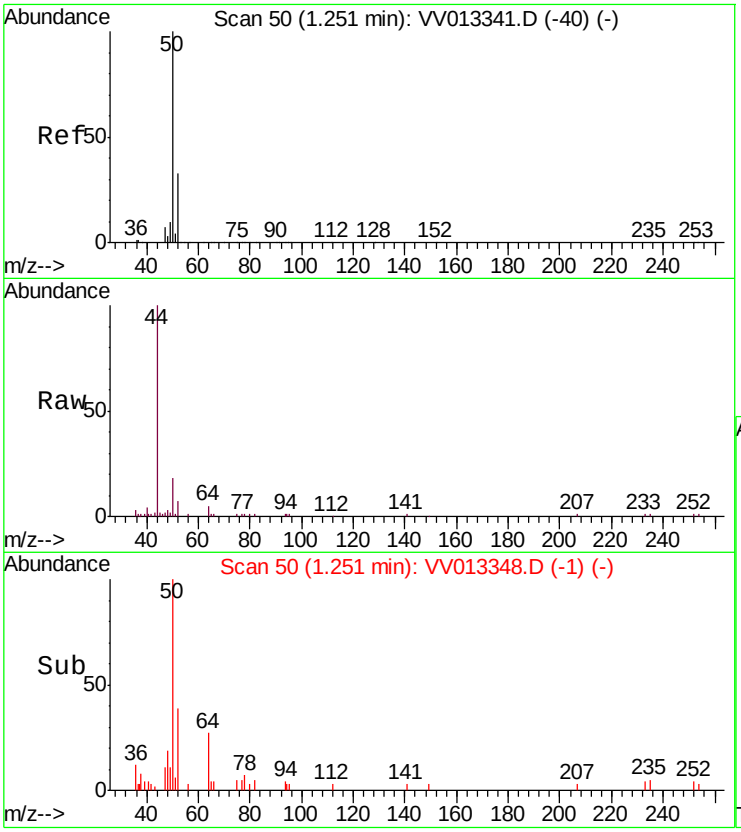
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration



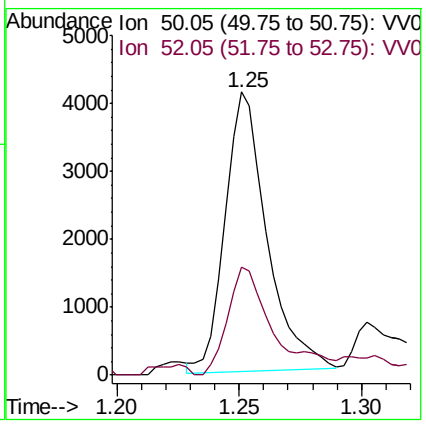


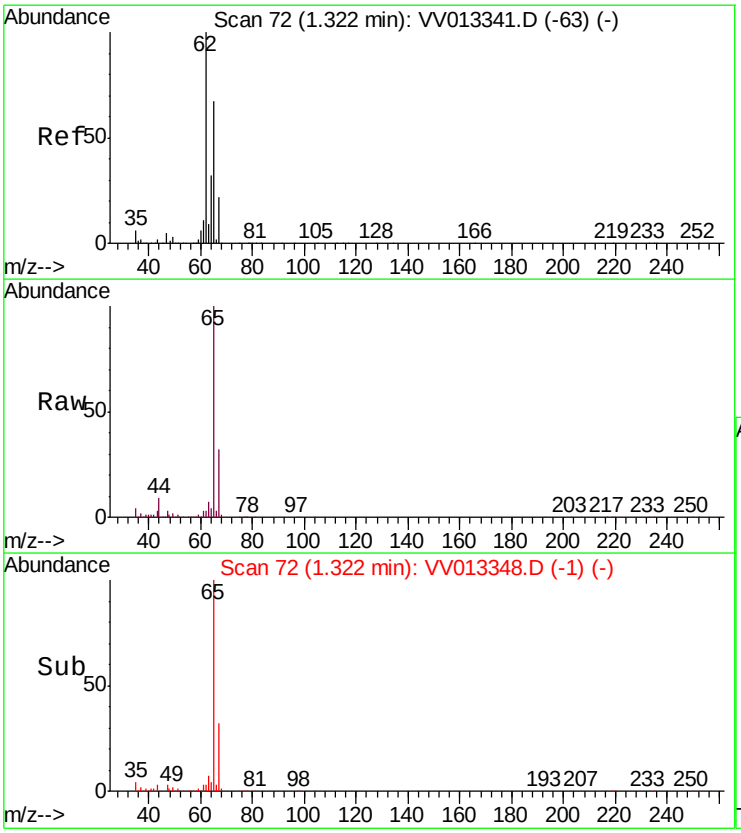
#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 50 Resp: 4939

Ion	Ratio	Lower	Upper
50	100		
52	38.0	23.3	43.3

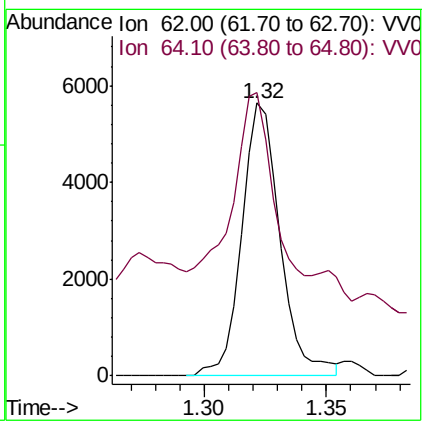


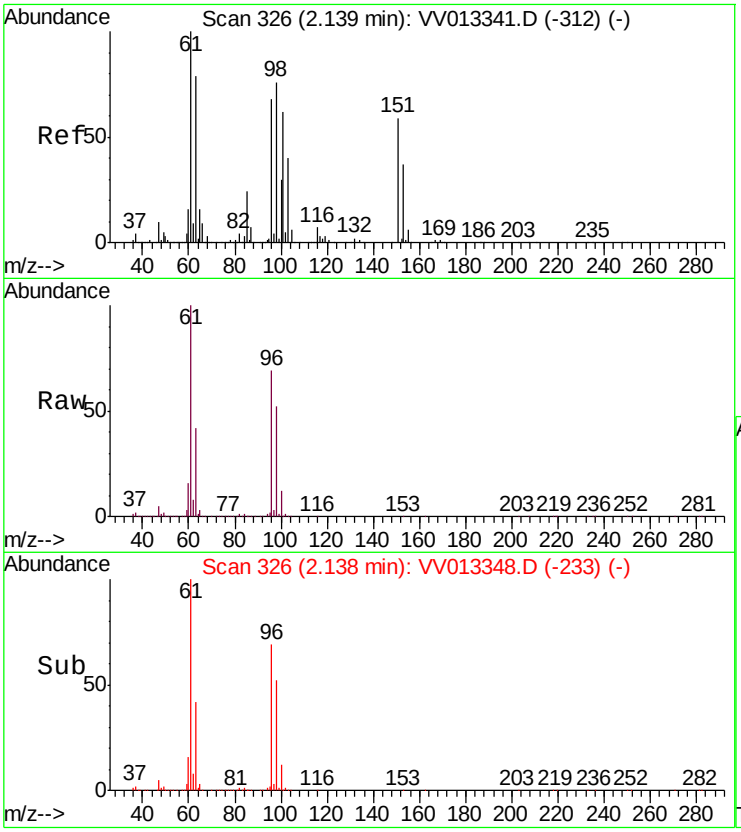


#5
Vinyl chloride
Concen: 0.159 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 62 Resp: 6119

Ion	Ratio	Lower	Upper
62	100		
64	103.7	22.9	42.5#



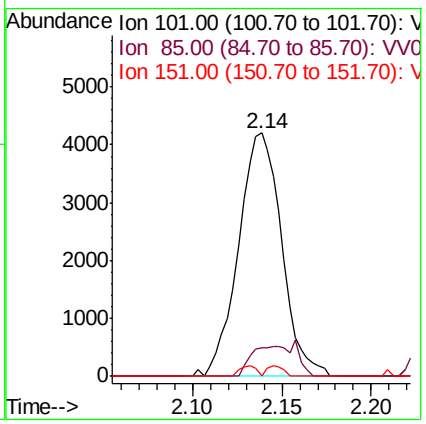


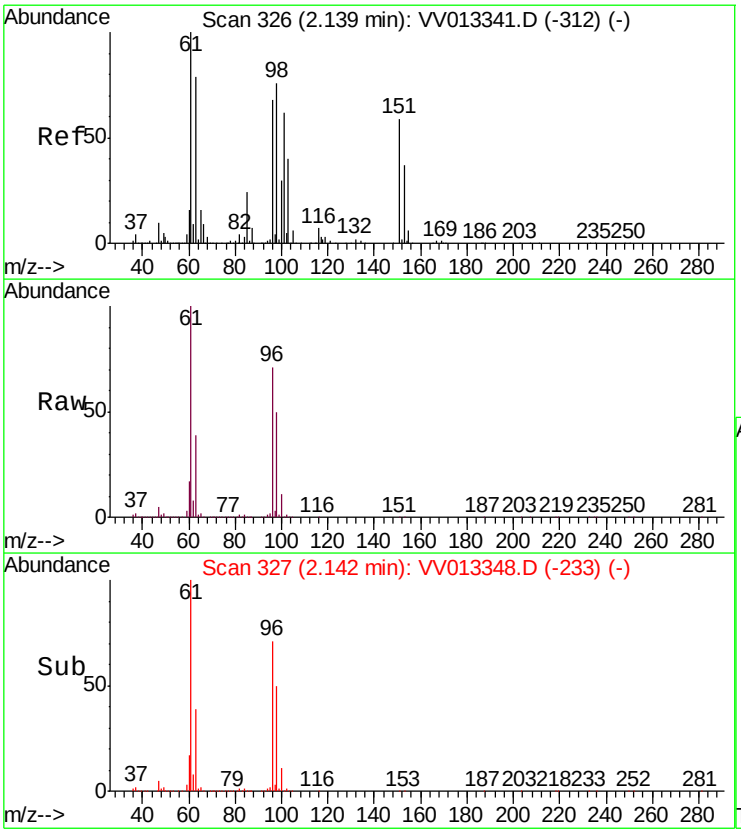
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.215 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion:101 Resp: 7076

Ion	Ratio	Lower	Upper
101	100		
85	13.5	31.8	47.8#
151	1.6	72.9	109.3#

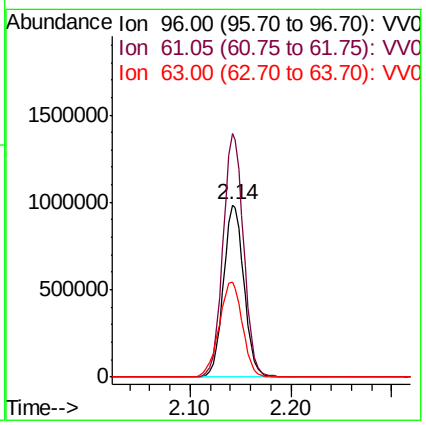


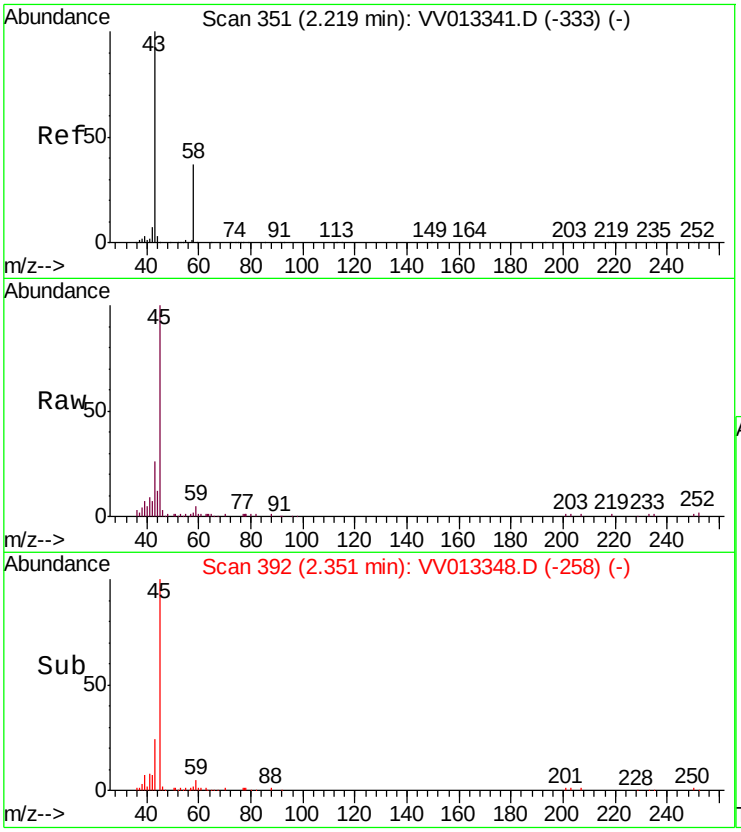


#12
1,1-Dichloroethene
Concen: 44.588 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 96 Resp: 1400138

Ion	Ratio	Lower	Upper
96	100		
61	141.5	104.0	193.1
63	55.6	67.1	124.5#



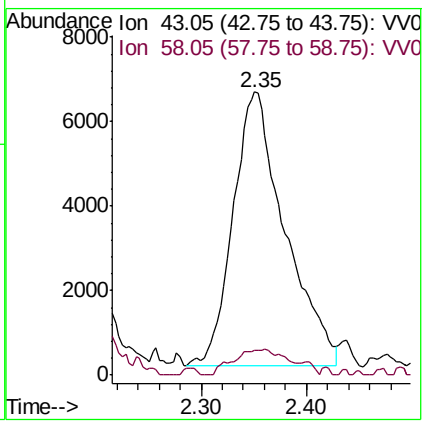


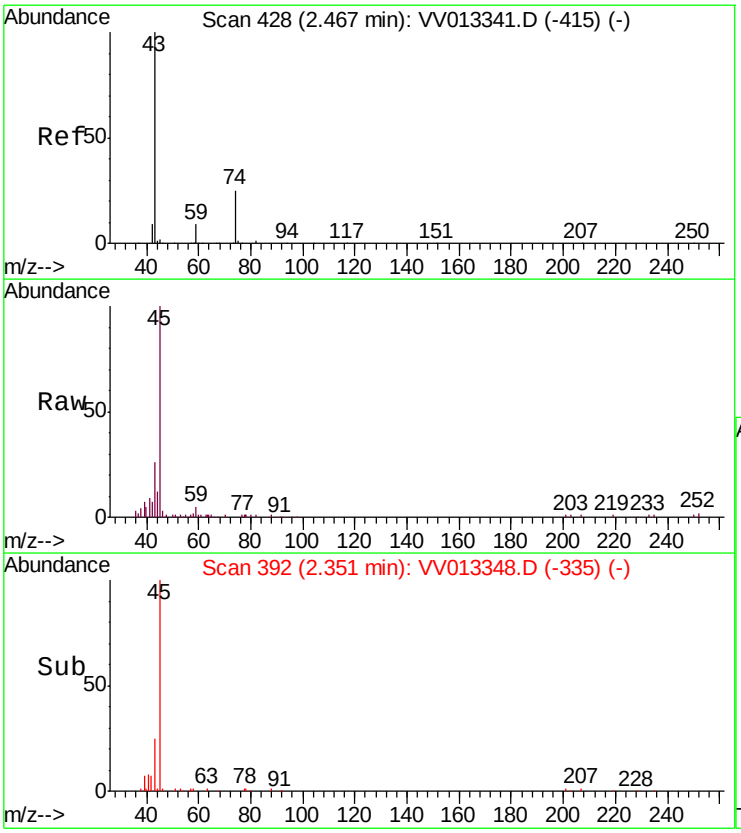
#13
Acetone
Concen: 7.545 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.13 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 43 Resp: 22059

Ion	Ratio	Lower	Upper
43	100		
58	9.7	0.0	26.2

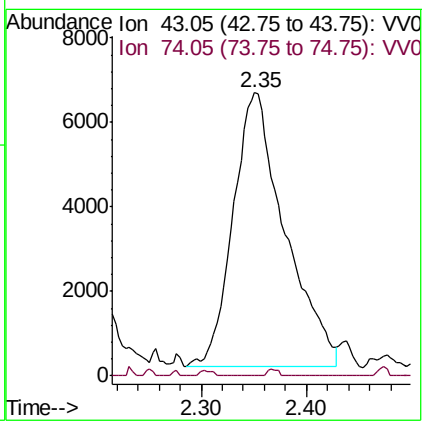


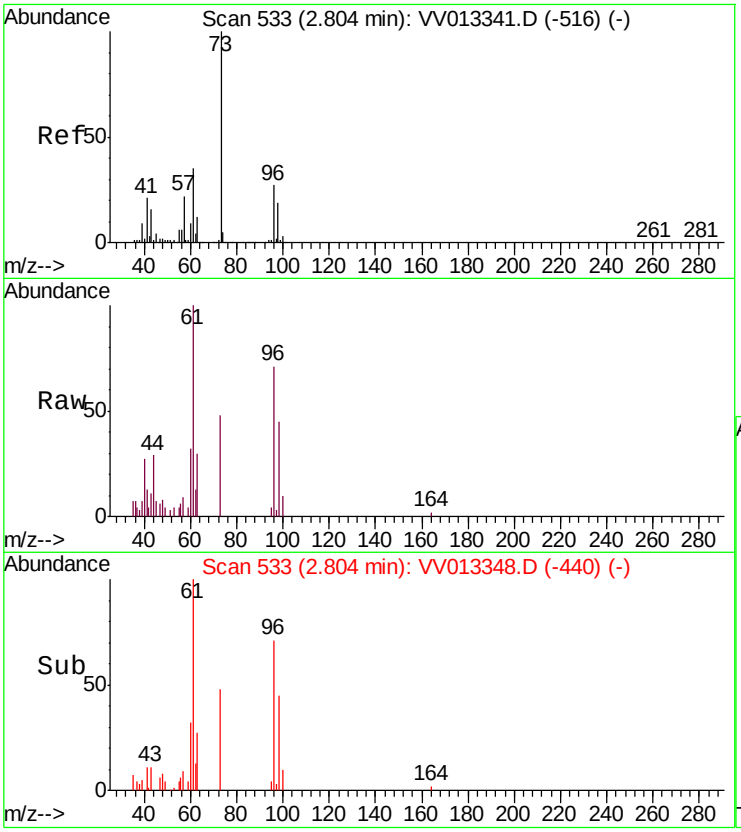


#15
Methyl Acetate
Concen: 2.231 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.12 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 43 Resp: 22059

Ion	Ratio	Lower	Upper
43	100		
74	0.5	20.4	30.6#



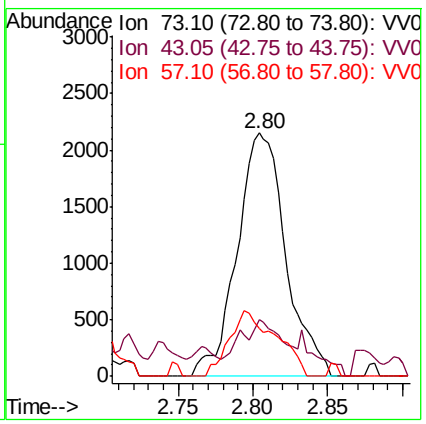


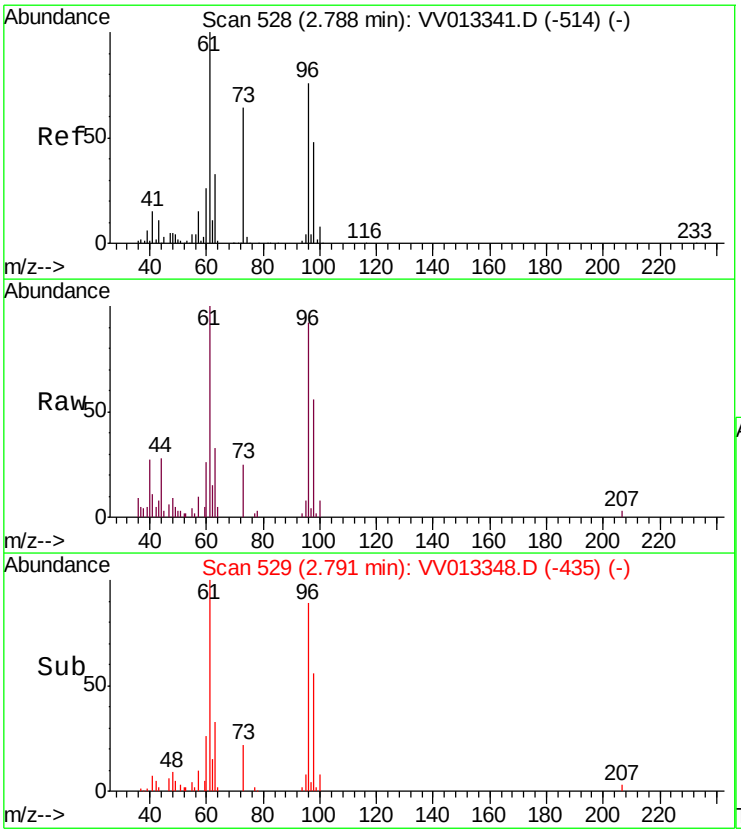
#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument : MSVOA_V
ClientSampleId : C0K10

Tgt Ion: 73 Resp: 4878

Ion	Ratio	Lower	Upper
73	100		
43	7.8	13.1	19.7#
57	25.9	16.4	24.6#

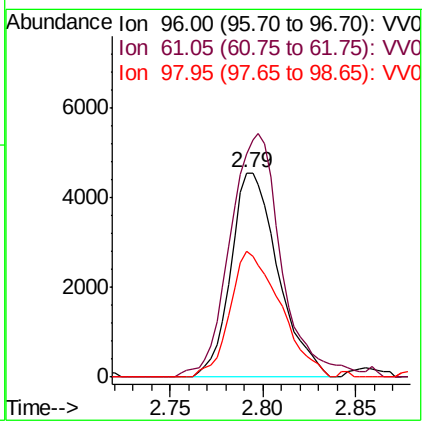


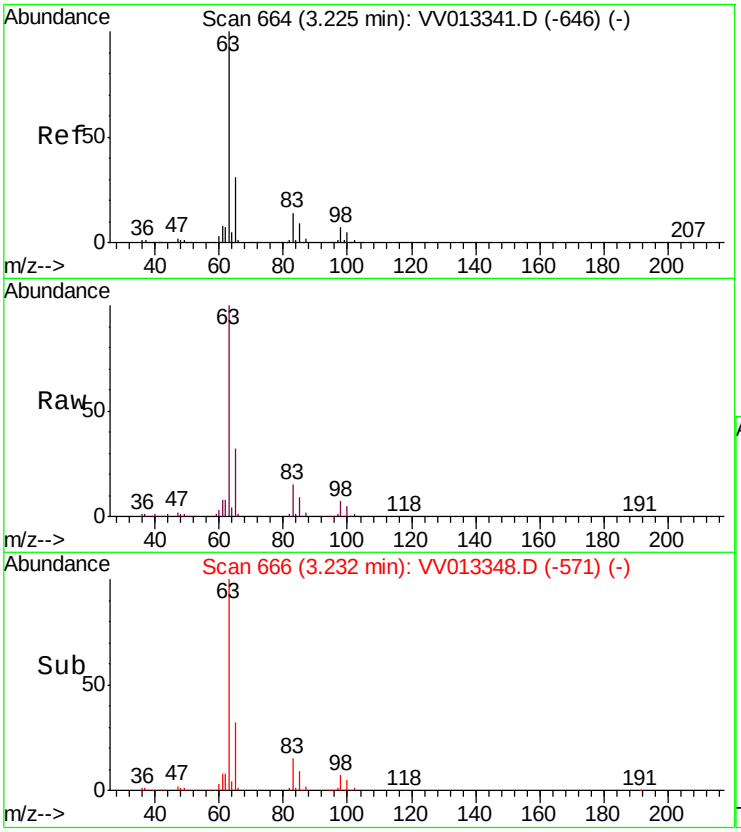


#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 96 Resp: 8046

Ion	Ratio	Lower	Upper
96	100		
61	104.6	84.4	156.8
98	58.9	44.4	82.4



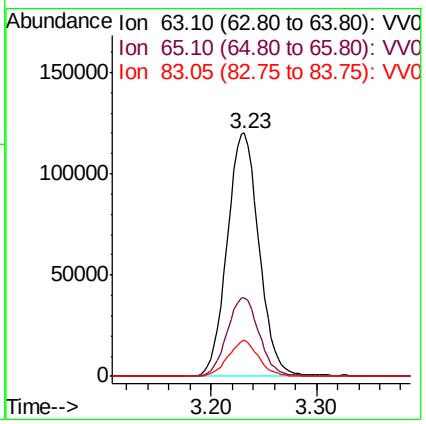


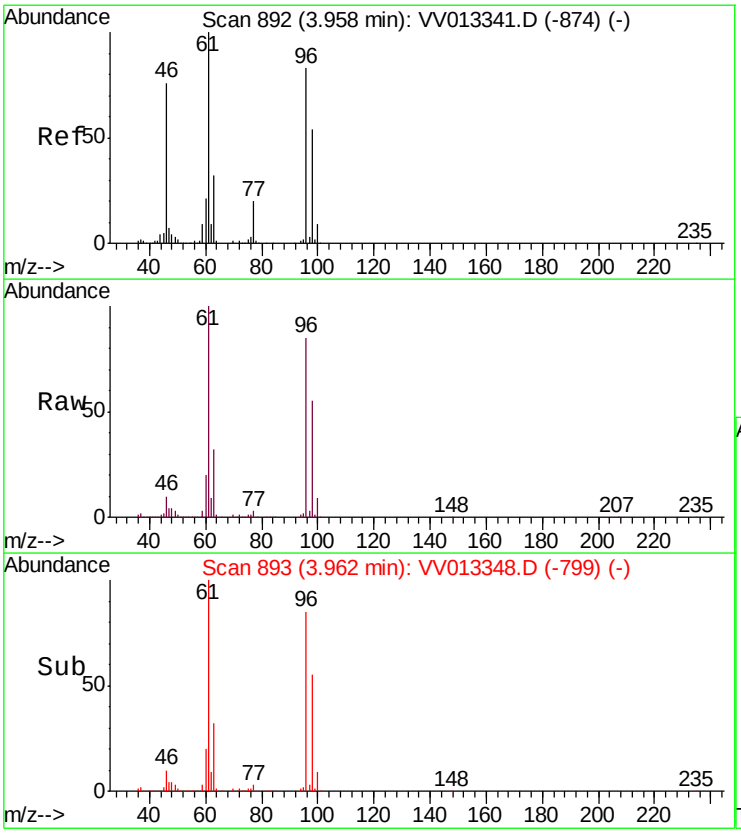
#19
1,1-Dichloroethane
Concen: 4.184 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 63 Resp: 251750

Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.0	42.8
83	14.7	10.2	19.0

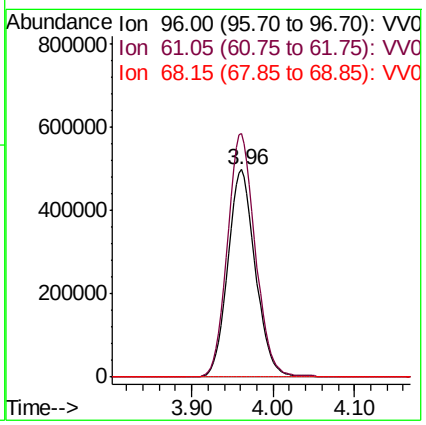


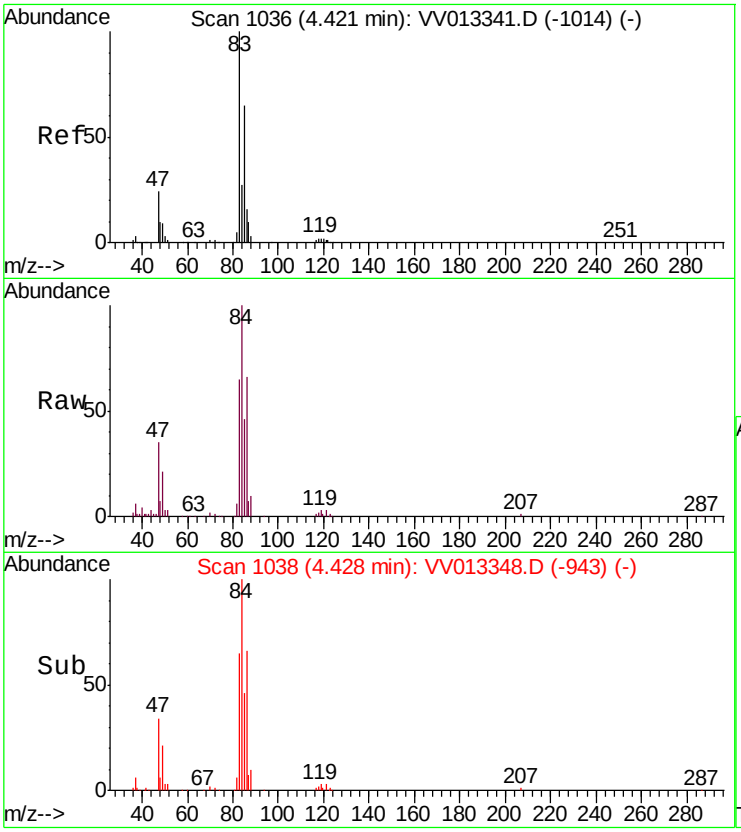


#22
cis-1,2-Dichloroethene
Concen: 29.747 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 96 Resp: 1178667

Ion	Ratio	Lower	Upper
96	100		
61	117.5	77.3	143.7
68	0.0	0.1	0.1#



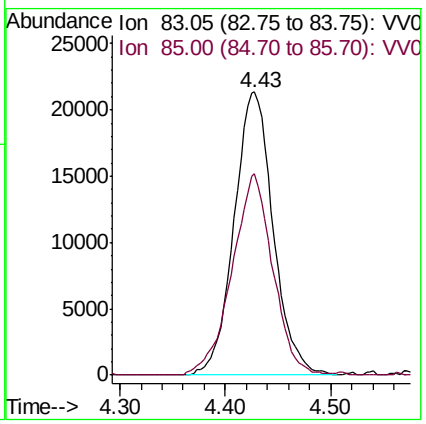


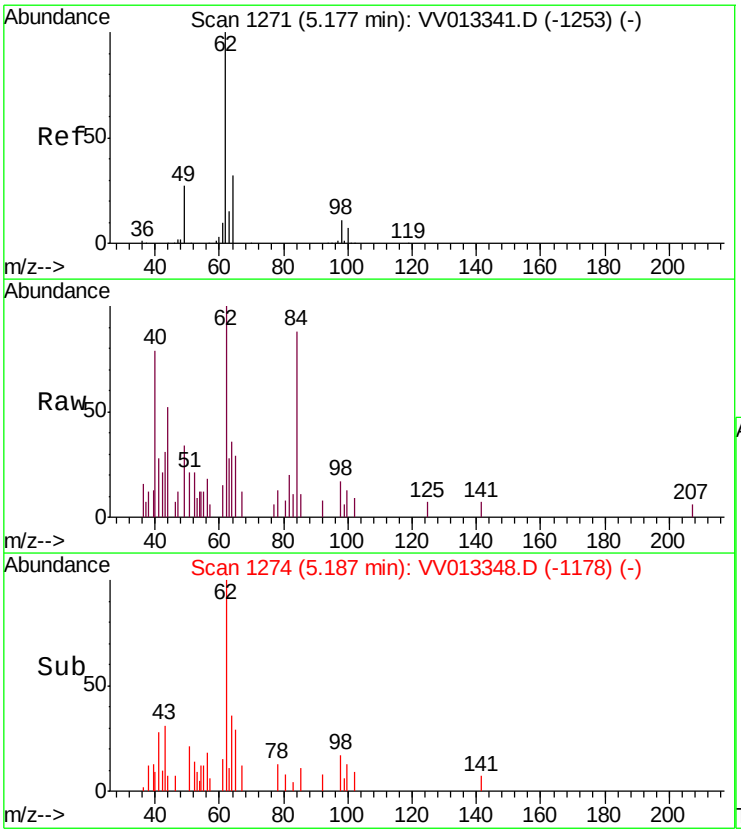
#25
Chloroform
Concen: 0.701 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 83 Resp: 55022

Ion	Ratio	Lower	Upper
83	100		
85	71.3	45.7	84.9

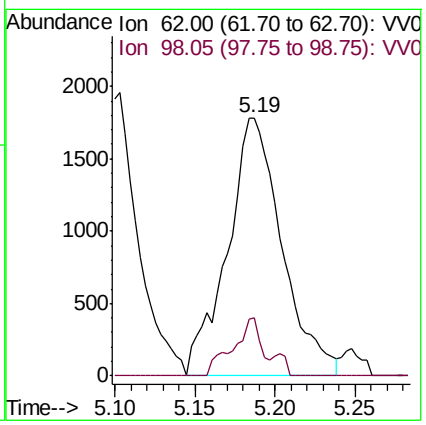


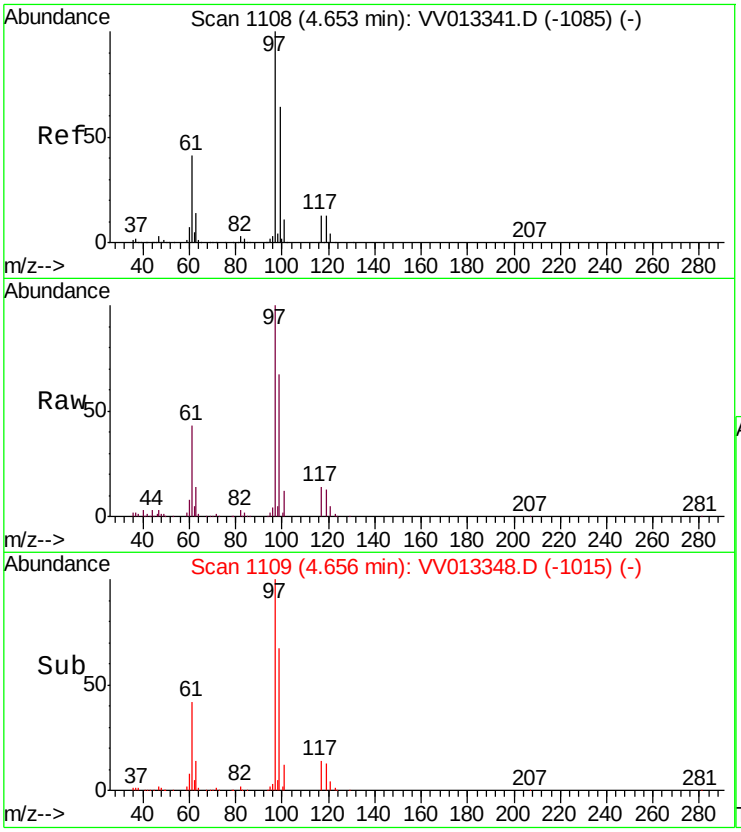


#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 62 Resp: 4172

Ion	Ratio	Lower	Upper
62	100		
98	22.7	8.3	12.5#



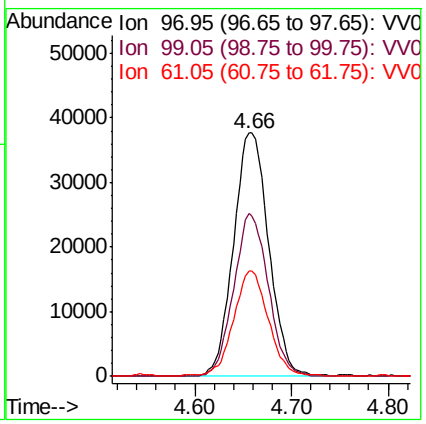


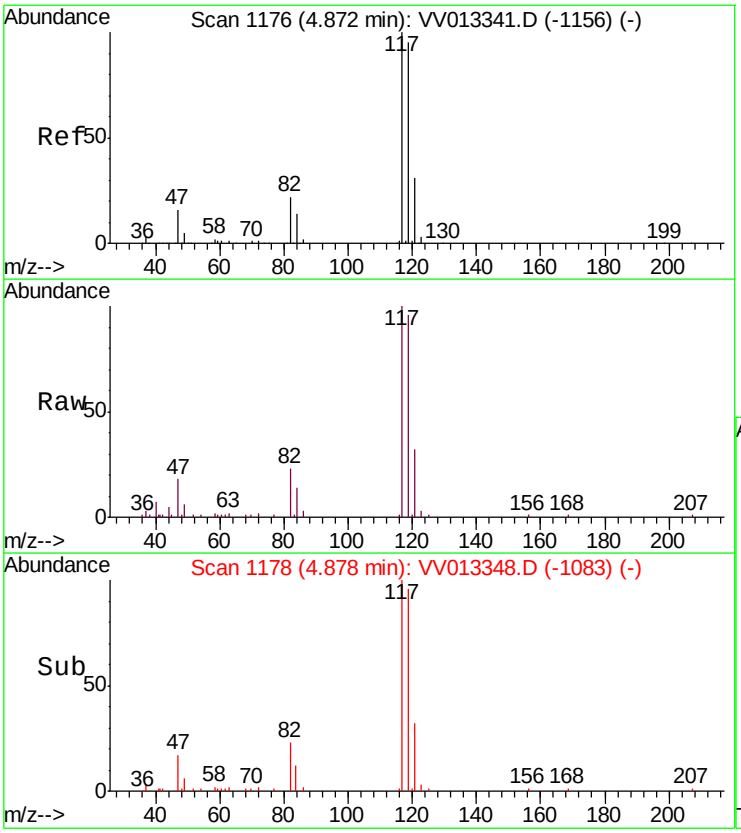
#29
1,1,1-Trichloroethane
Concen: 1.510 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument : MSVOA_V
ClientSampleId : C0K10

Tgt Ion: 97 Resp: 95387

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	41.3	34.3	51.5

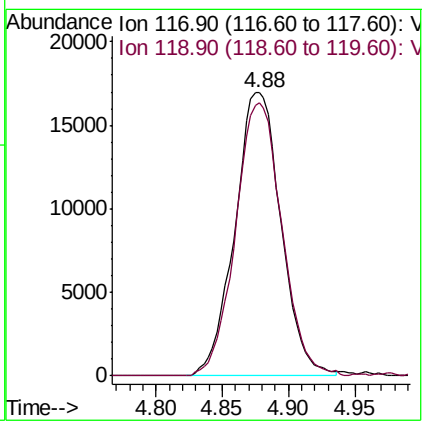


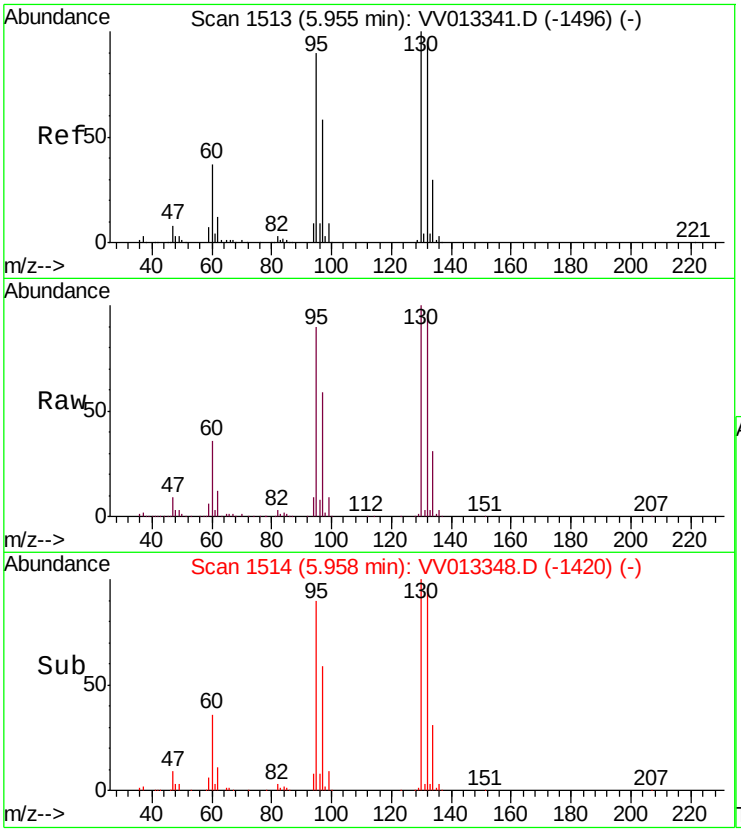


#31
Carbon tetrachloride
Concen: 0.725 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion:117 Resp: 41096

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0



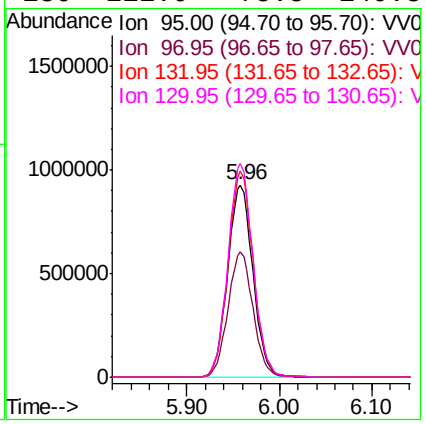


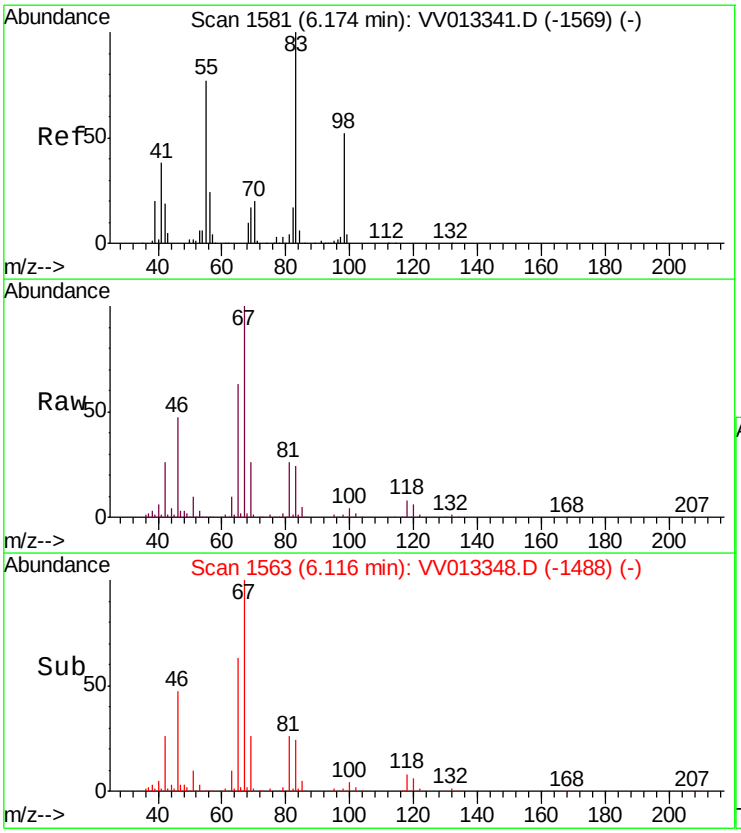
#34
Trichloroethene
Concen: 39.977 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 95 Resp: 1750247

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.2	84.0
132	107.0	70.6	131.2
130	111.0	75.5	140.3

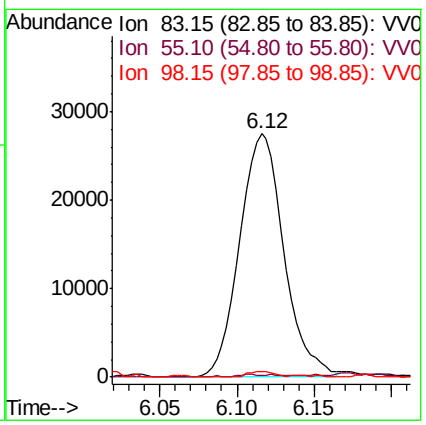


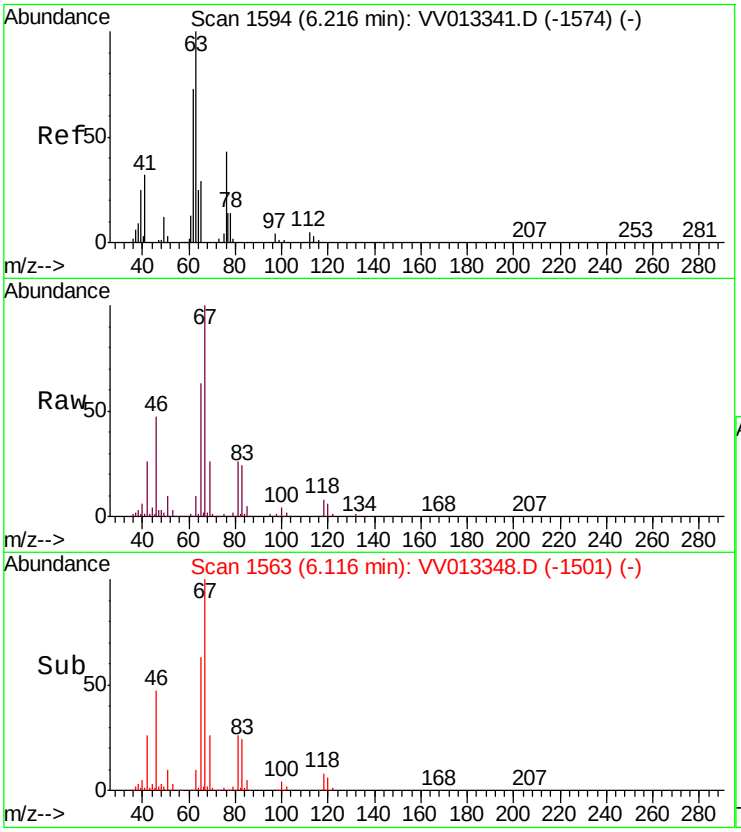


#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 83 Resp: 54807

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.4	93.6#
98	0.0	39.2	58.8#



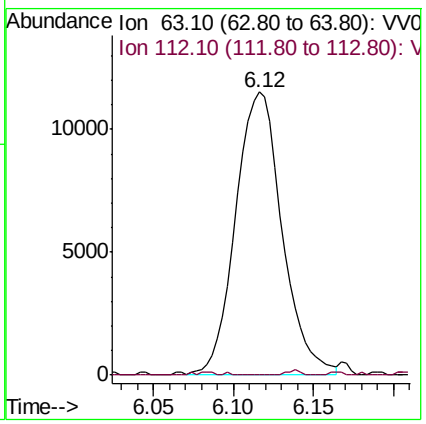


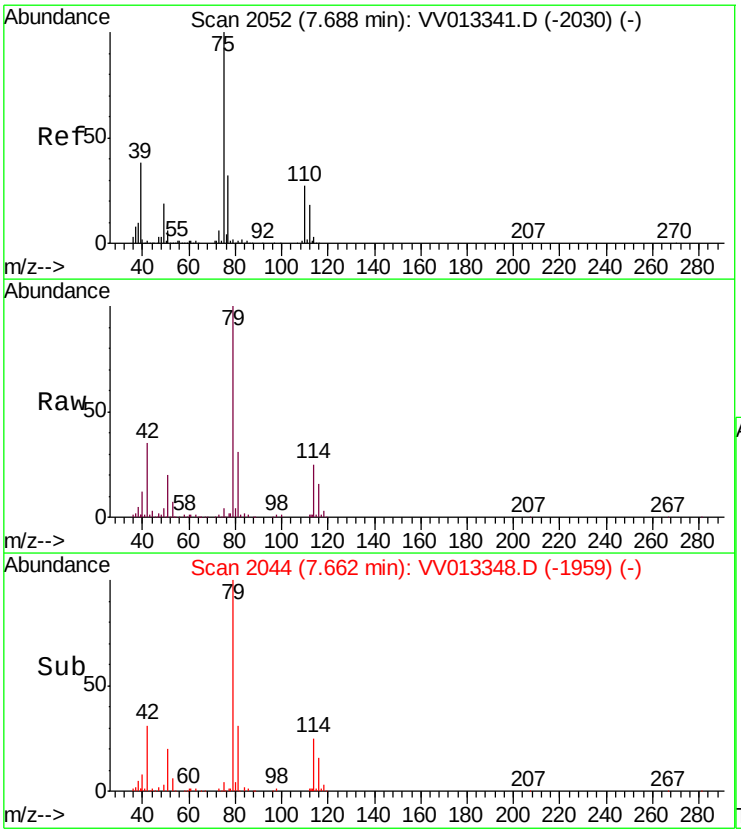
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument :
MSVOA_V
ClientSampleId :
C0K10

Tgt Ion: 63 Resp: 22905

Ion	Ratio	Lower	Upper
63	100		
112	0.1	4.1	6.1#

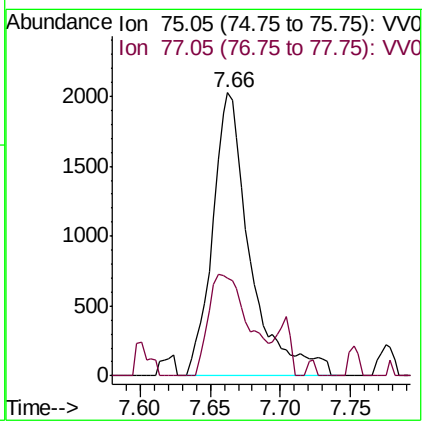


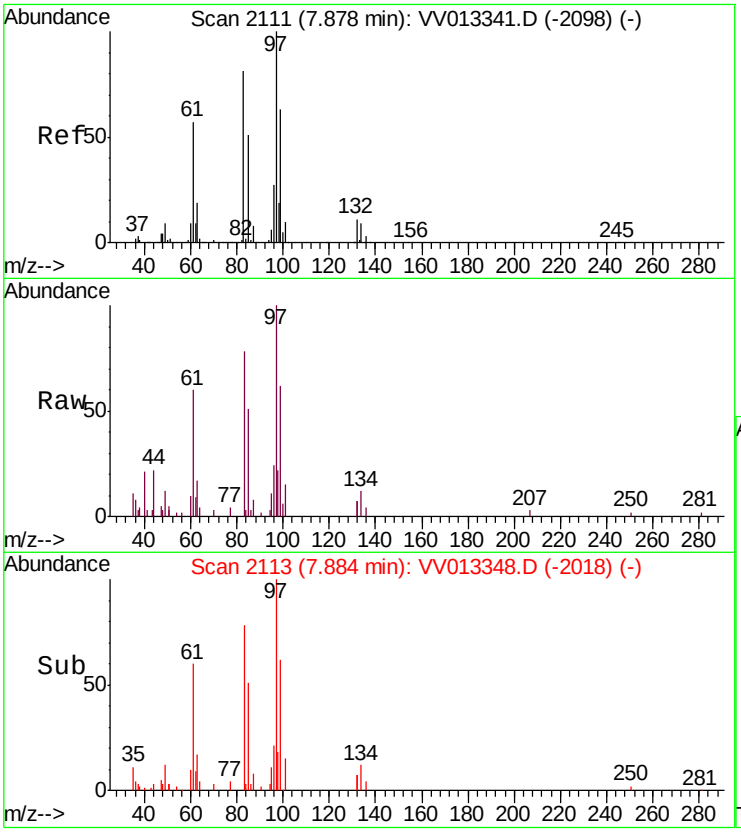


#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion: 75 Resp: 3748

Ion	Ratio	Lower	Upper
75	100		
77	34.6	21.8	40.6



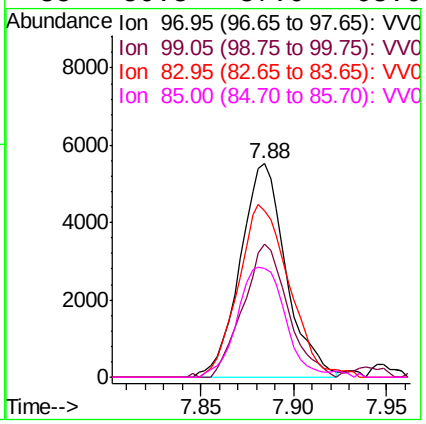


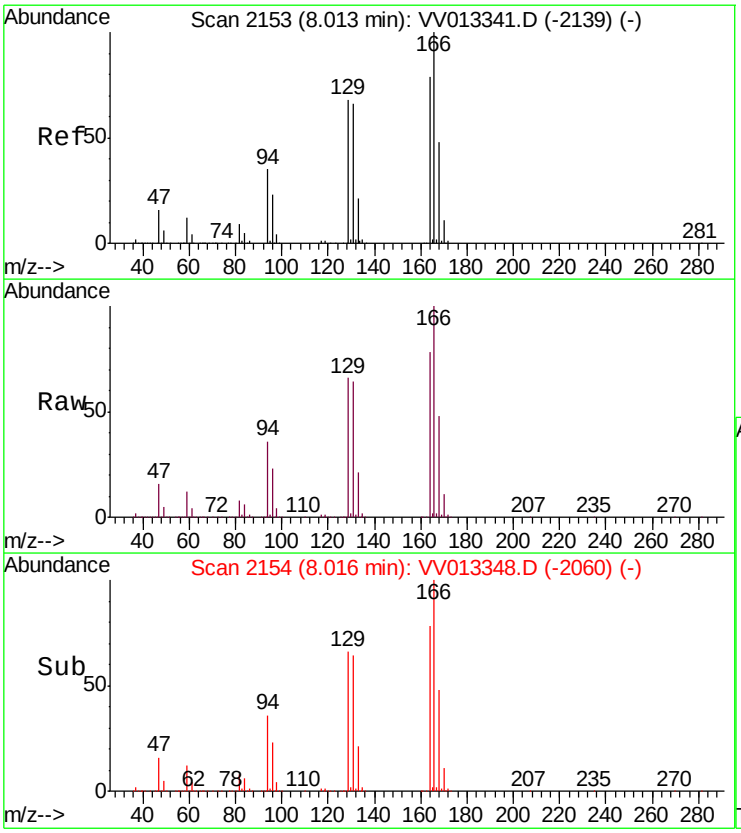
#45
1,1,2-Trichloroethane
Concen: 0.343 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.01 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument : MSVOA_V
ClientSampleId : C0K10

Tgt Ion: 97 Resp: 9486

Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.2	78.4
83	77.9	58.4	108.4
85	50.8	37.0	68.6

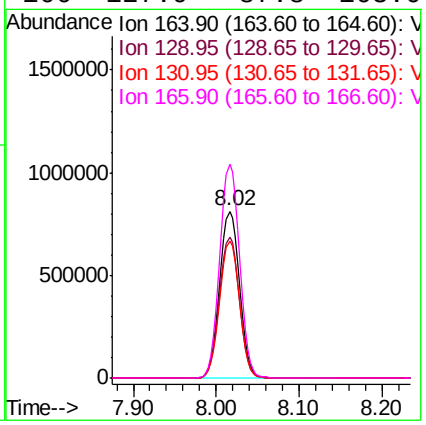


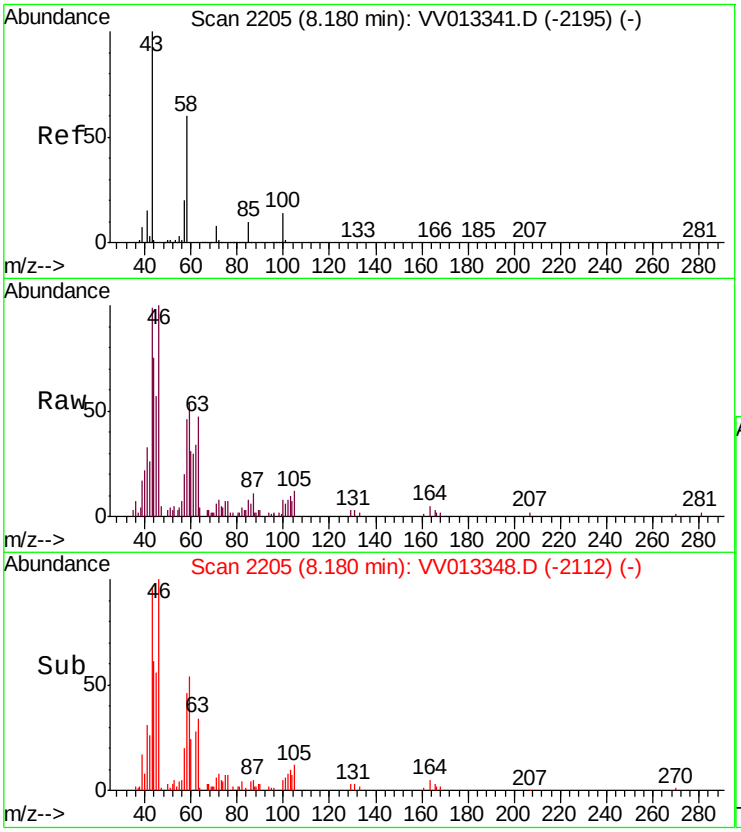


#47
Tetrachloroethene
Concen: 33.806 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion:164 Resp: 1344091

Ion	Ratio	Lower	Upper
164	100		
129	84.5	61.0	113.2
131	82.2	57.5	106.9
166	127.9	87.8	163.0



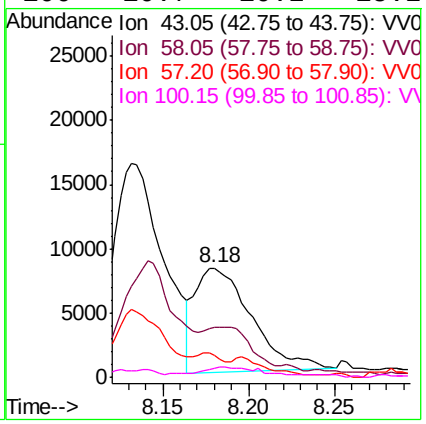


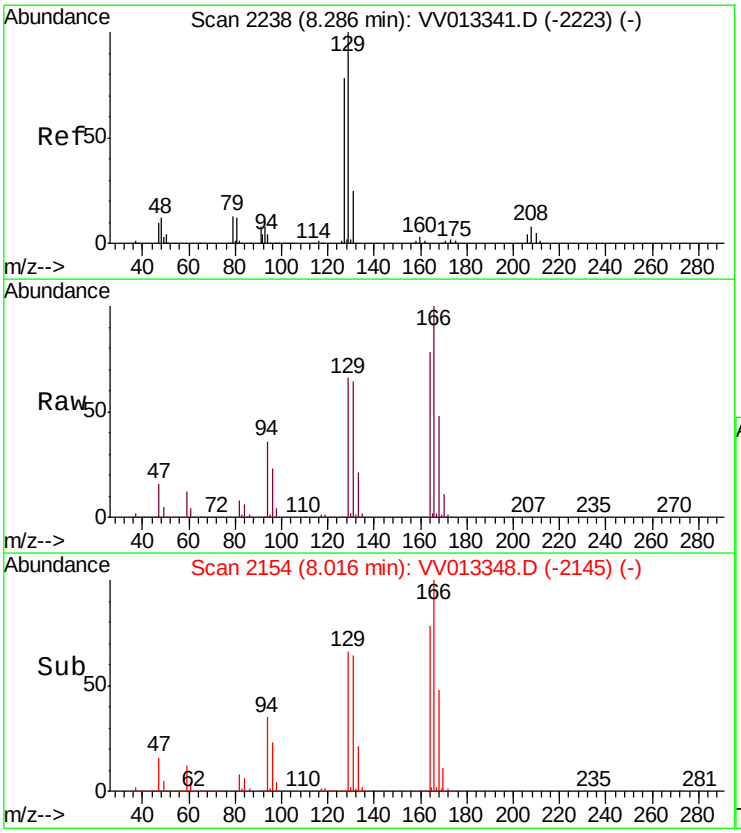
#48
2-Hexanone
Concen: 1.268 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Instrument : MSVOA_V
ClientSampleId : C0K10

Tgt Ion: 43 Resp: 18337

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	10.0	15.5	23.3#
100	10.7	10.2	15.2





#49
Dibromochloromethane
Concen: 31.643 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013348.D
Acq: 25 Oct 2019 16:08

Tgt Ion:129 Resp: 1102682

Ion	Ratio	Lower	Upper
129	100		
127	0.1	54.1	100.5#