Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013234.D
Acq On : 19 Oct 2019 05:17
Operator : SY/MD
Sample : K5457-18
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K23

Quant Time: Oct 19 06:42:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	422511	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	461185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230439	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	213392	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.58	69	175259	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.13	63	272160	4.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.00%			
20) 2-Butanone-d5	3.96	46	511973	57.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.28%			
24) Chloroform-d	4.40	84	414934	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.08	65	208222	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	5.10	84	844911	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.12	67	264100	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.36	98	691942	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.66	79	82003	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.14	63	329737	43.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	180001	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	258941	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	9586	0.189	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2994	0.084	ug/L #	19
12) 1,1-Dichloroethene	2.14	96	53532	1.578	ug/L #	22
13) Acetone	2.24	43	5280	1.299	ug/L	71
17) Methyl tert-butyl Ether	2.81	73	9614	0.106	ug/L #	92
19) 1,1-Dichloroethane	3.23	63	13771	0.171	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	319607	6.988	ug/L #	100
29) 1,1,1-Trichloroethane	4.66	97	21682	0.304	ug/L	97
34) Trichloroethene	5.96	95	128676	2.671	ug/L	96
35) Methylcyclohexane	6.11	83	62200	0.842	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	27977	0.611	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	3820	0.081	ug/L	92
47) Tetrachloroethene	8.02	164	12311	0.292	ug/L	95
48) 2-Hexanone	8.14	43	56649	3.166	ug/L #	87
49) Dibromochloromethane	8.02	129	10964	0.291	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013234.D
Acq On : 19 Oct 2019 05:17
Operator : SY/MD
Sample : K5457-18
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K23

Quant Time: Oct 19 06:42:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 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\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013234.D
Acq On : 19 Oct 2019 05:17
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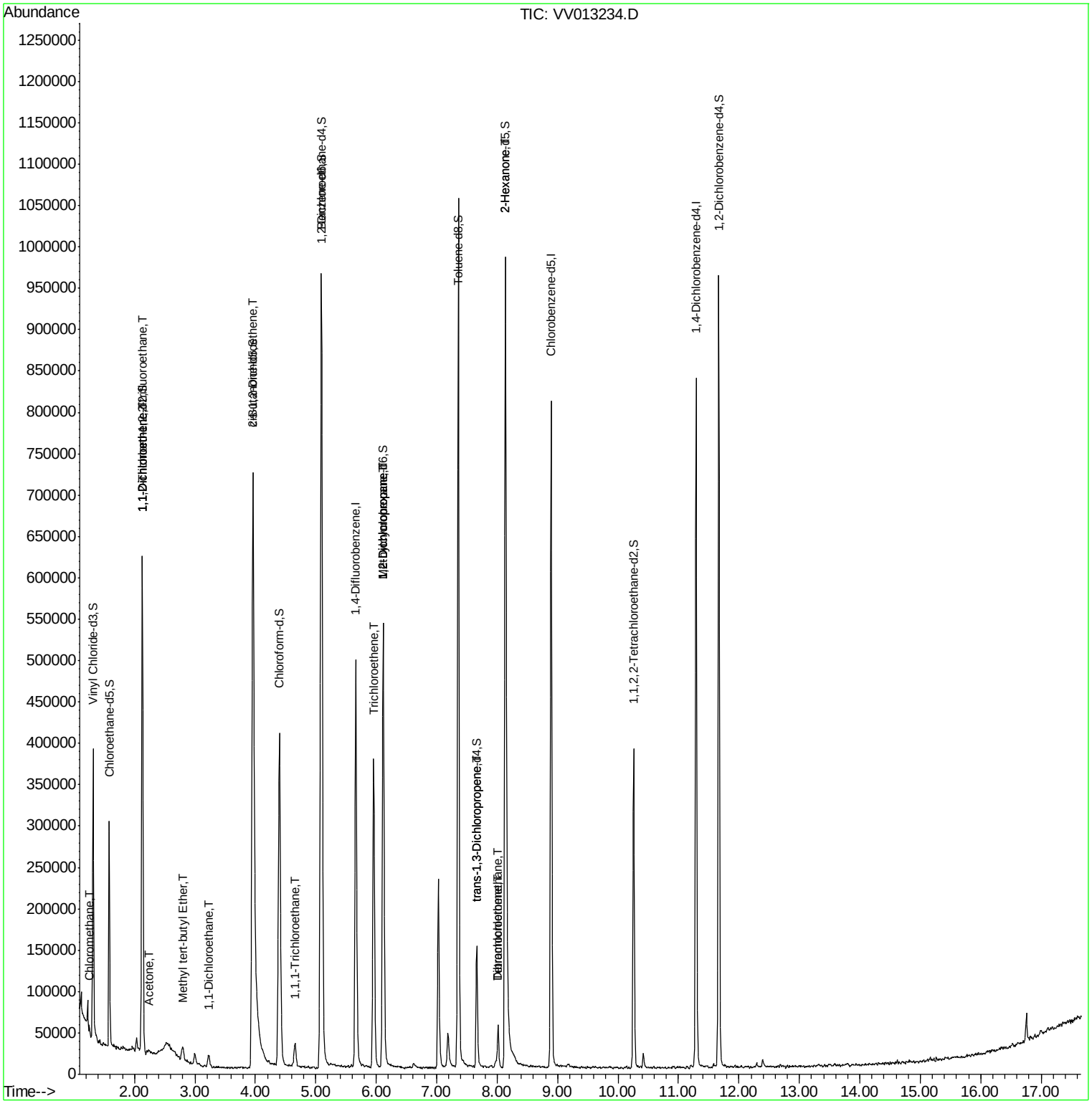
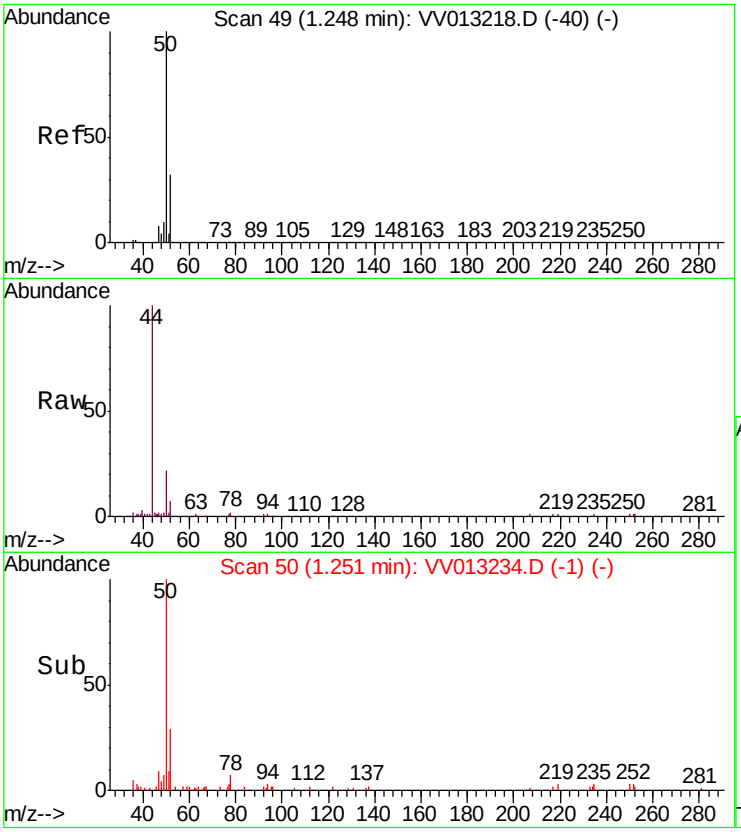
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration



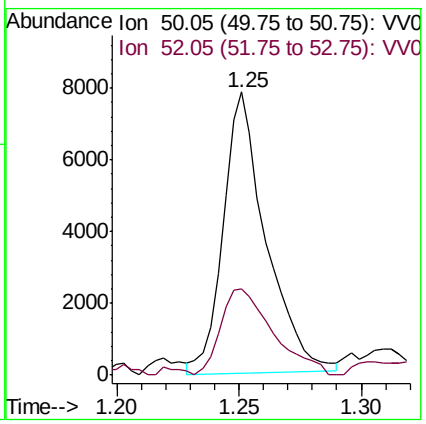


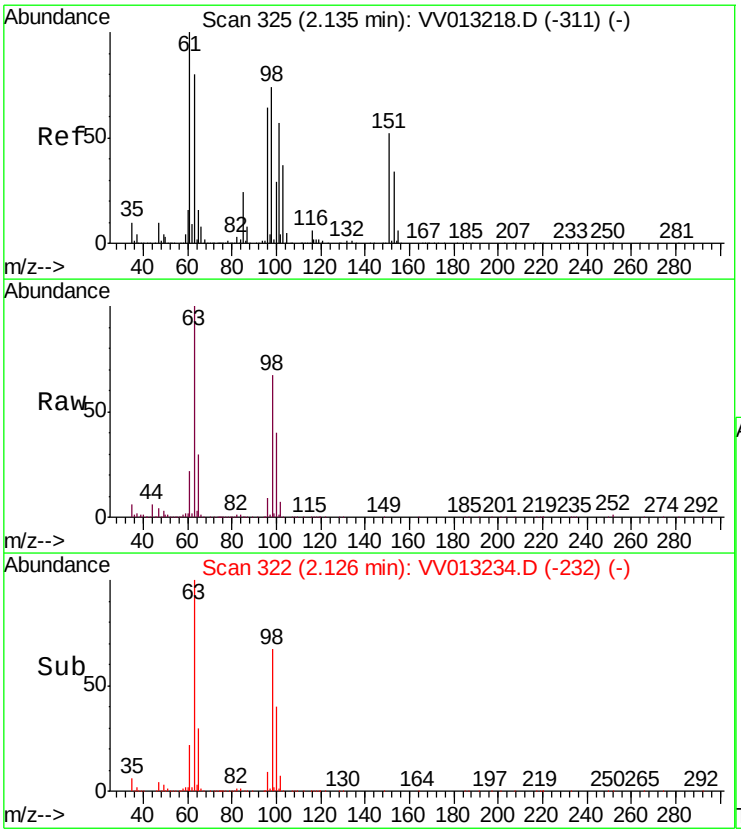
#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion: 50 Resp: 9586

Ion	Ratio	Lower	Upper
50	100		
52	30.4	23.0	42.8

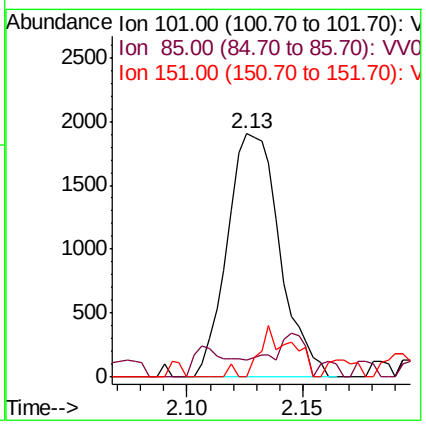


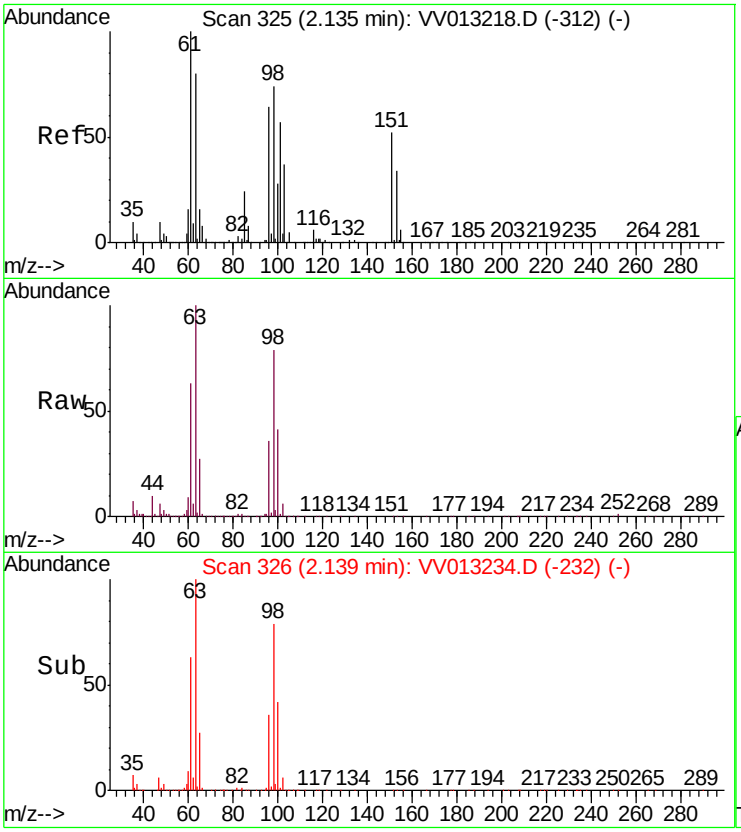


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.084 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion:101 Resp: 2994

Ion	Ratio	Lower	Upper
101	100		
85	8.9	32.4	48.6#
151	0.7	71.9	107.9#



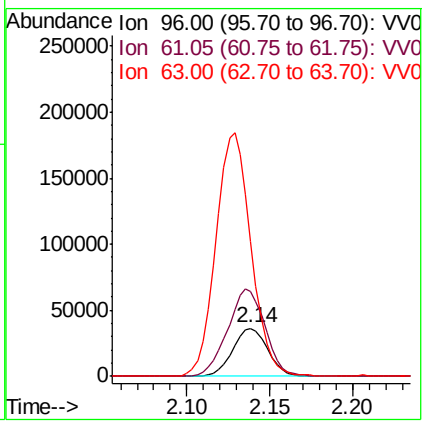


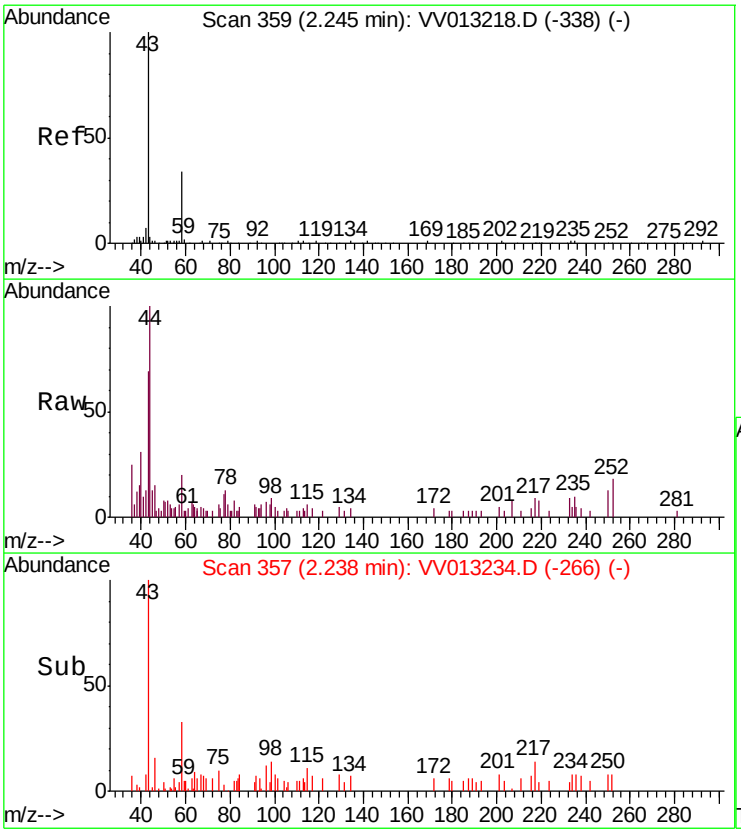
#12
1,1-Dichloroethene
Concen: 1.578 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion: 96 Resp: 53532

Ion	Ratio	Lower	Upper
96	100		
61	176.6	109.8	204.0
63	280.5	72.6	134.8#

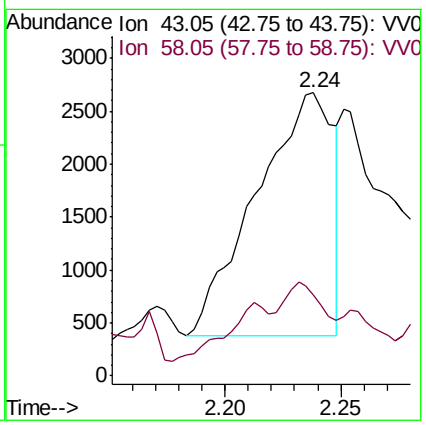


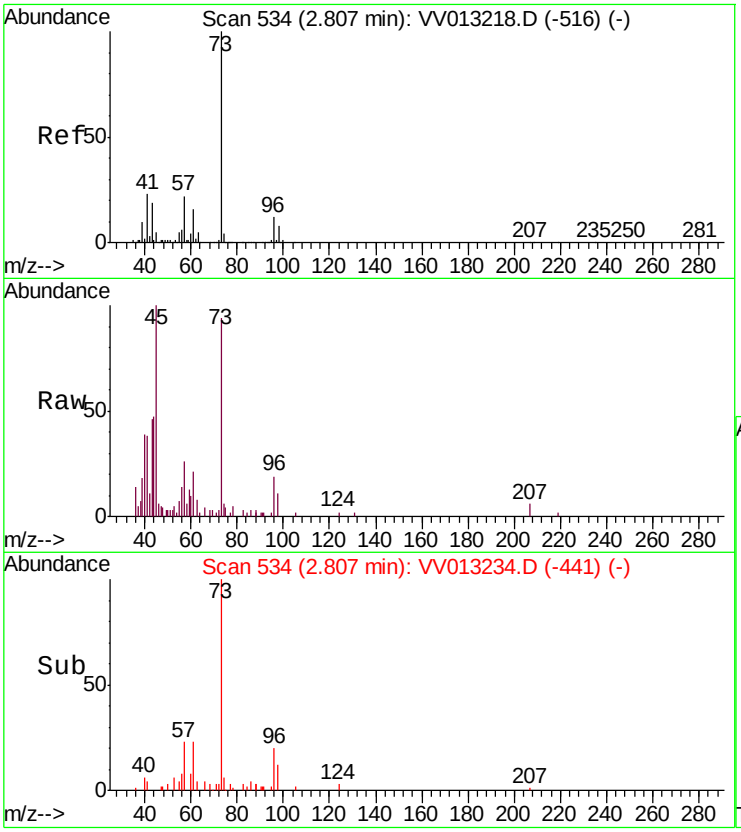


#13
Acetone
Concen: 1.299 ug/L
RT: 2.24 min Scan# 357
Delta R.T. -0.01 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 43 Resp: 5280

Ion	Ratio	Lower	Upper
43	100		
58	11.3	0.0	52.4



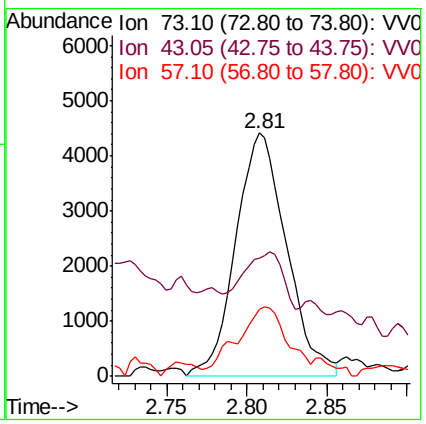


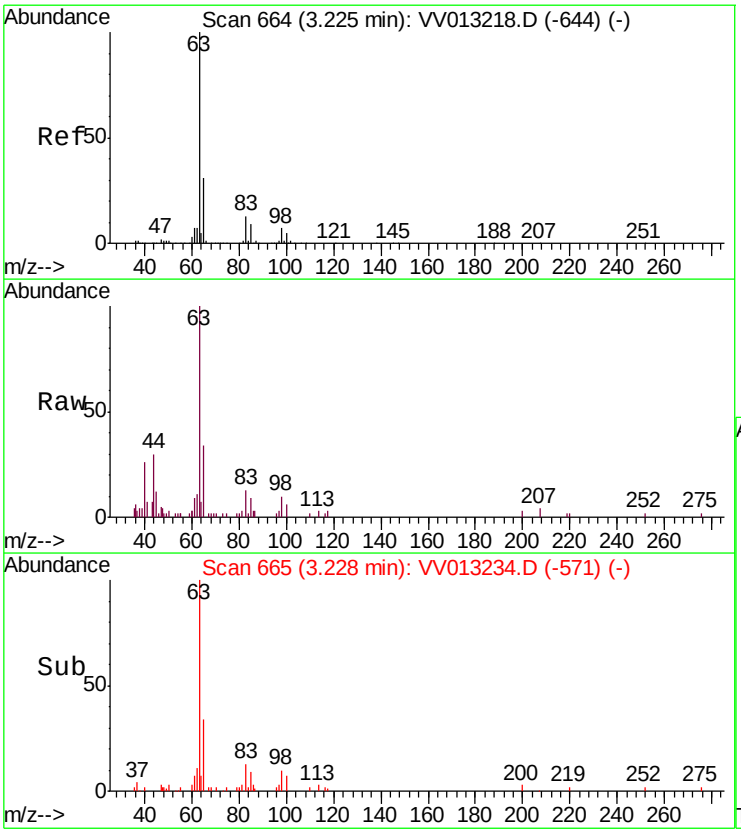
#17
Methyl tert-butyl Ether
Concen: 0.106 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion: 73 Resp: 9614

Ion	Ratio	Lower	Upper
73	100		
43	18.1	14.6	22.0
57	28.7	17.8	26.8#

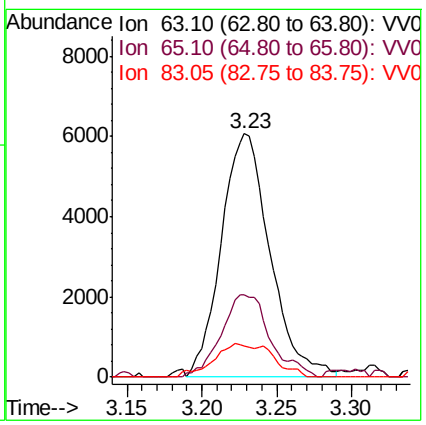


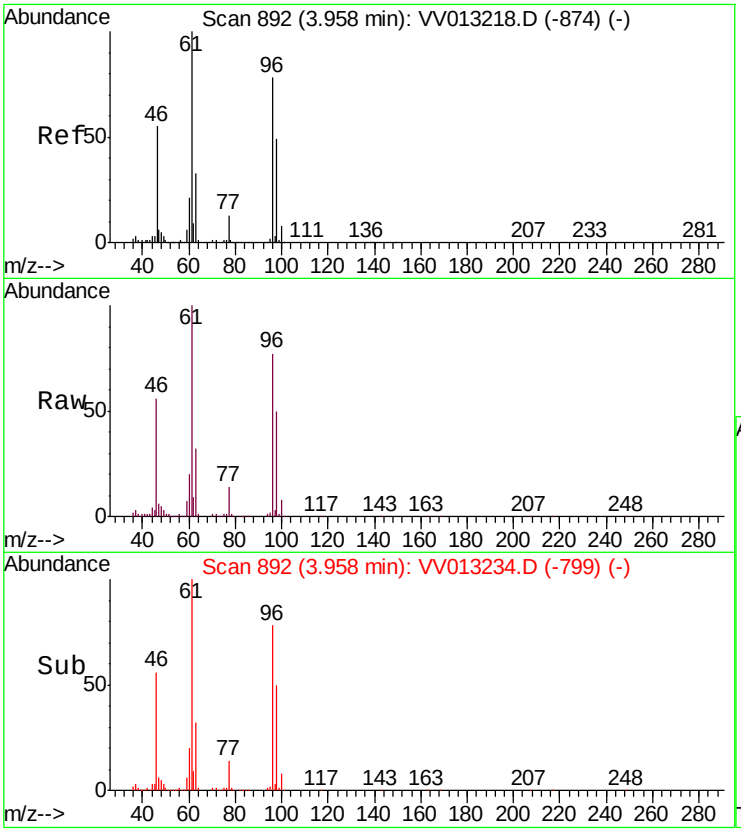


#19
1,1-Dichloroethane
Concen: 0.171 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 63 Resp: 13771

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.5	41.7
83	12.8	9.5	17.7



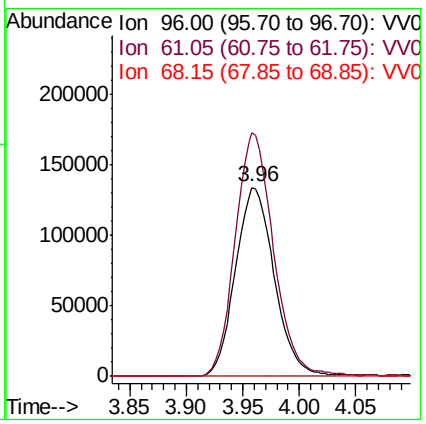


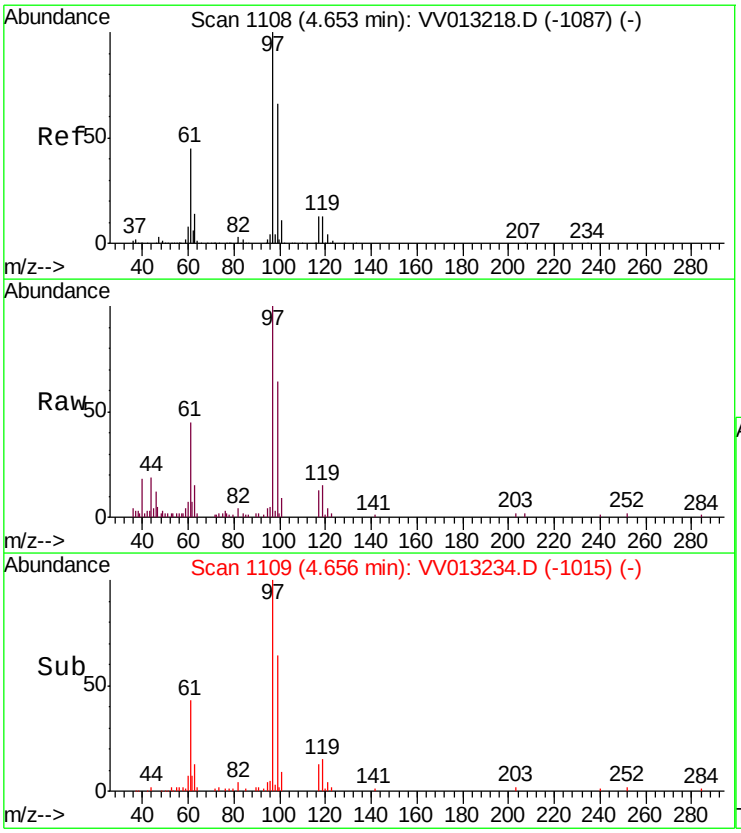
#22
cis-1,2-Dichloroethene
Concen: 6.988 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion: 96 Resp: 319607

Ion	Ratio	Lower	Upper
96	100		
61	129.1	90.6	168.2
68	0.0	0.1	0.1#

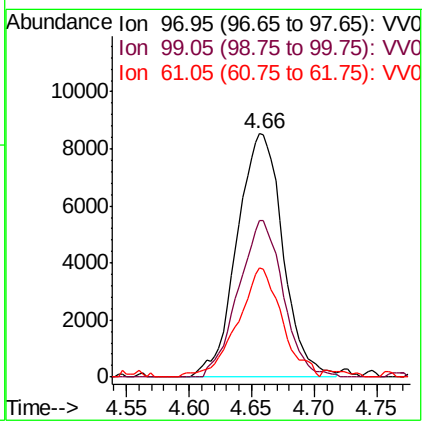


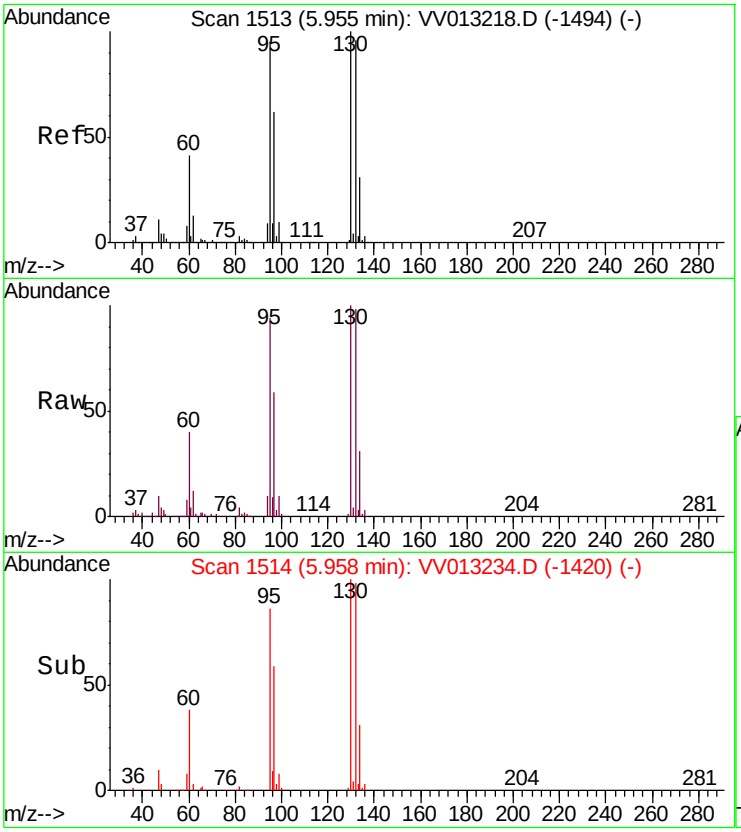


#29
1,1,1-Trichloroethane
Concen: 0.304 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 97 Resp: 21682

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.2	76.8
61	43.3	37.0	55.4



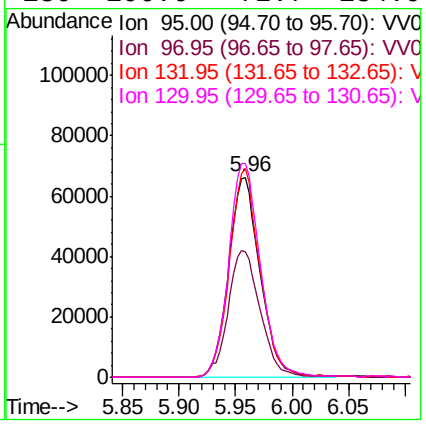


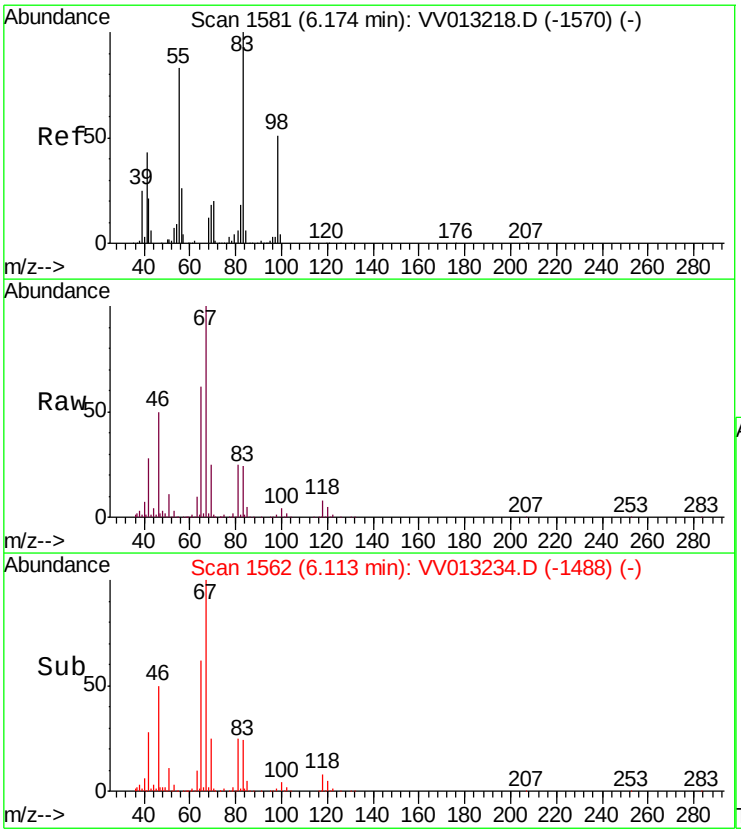
#34
Trichloroethene
Concen: 2.671 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument : MSVOA_V
ClientSampleId : C0K23

Tgt Ion: 95 Resp: 128676

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.7	82.9
132	104.5	68.9	127.9
130	106.6	72.7	134.9

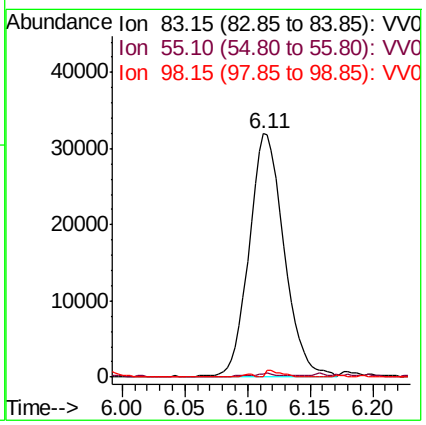


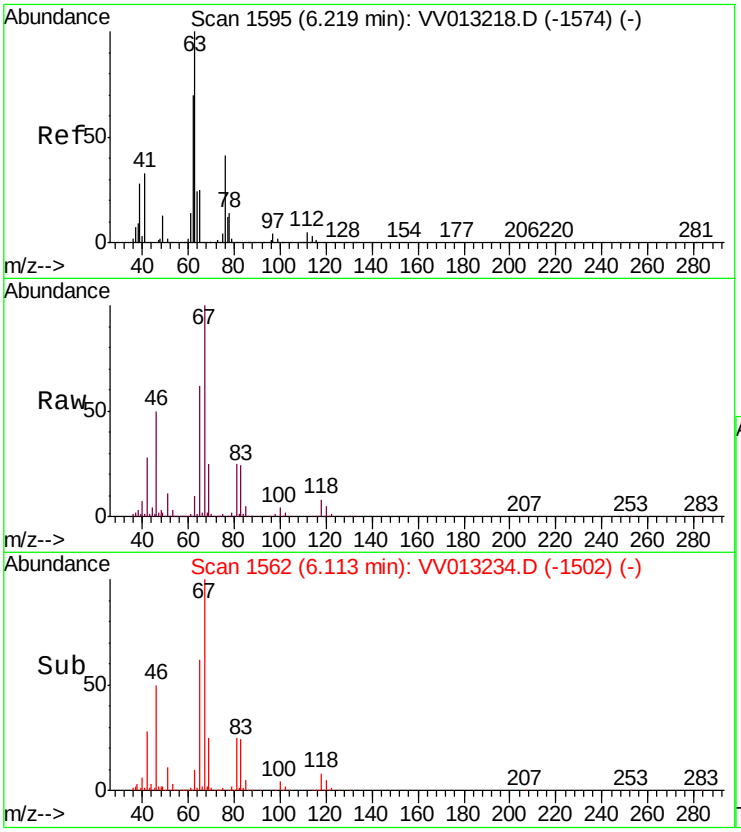


#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 83 Resp: 62200

Ion	Ratio	Lower	Upper
83	100		
55	1.3	64.0	96.0#
98	1.2	38.6	57.8#



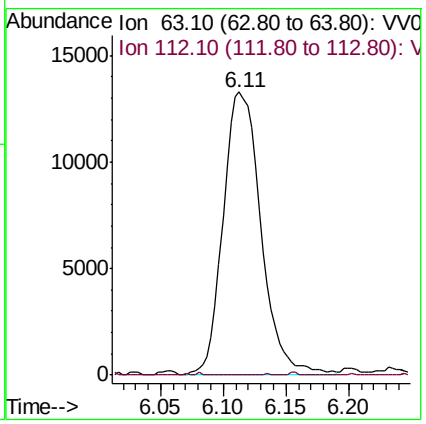


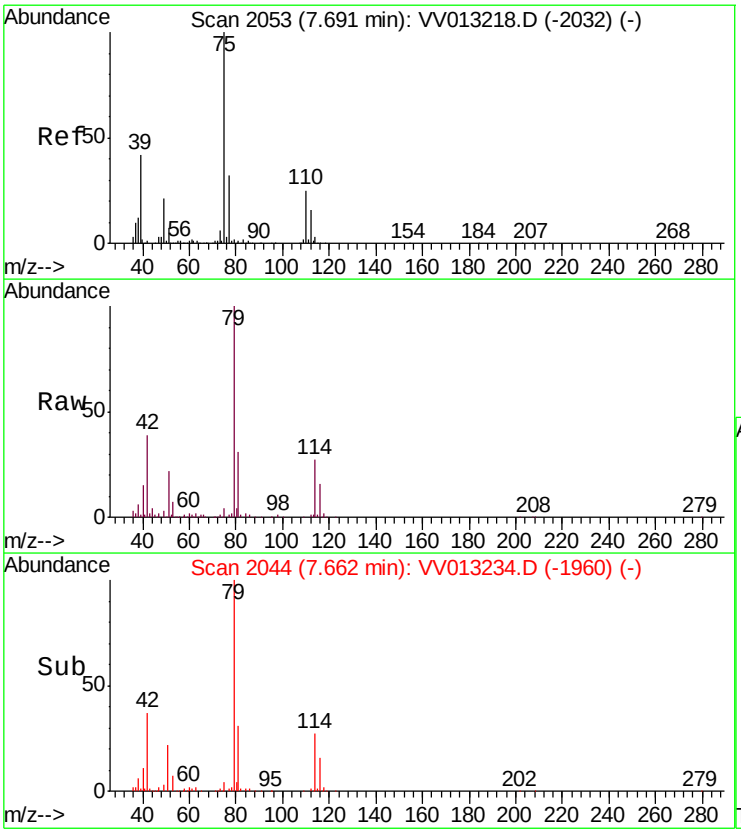
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion: 63 Resp: 27977

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.8#

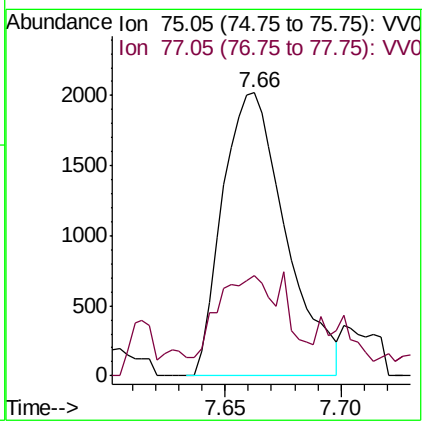


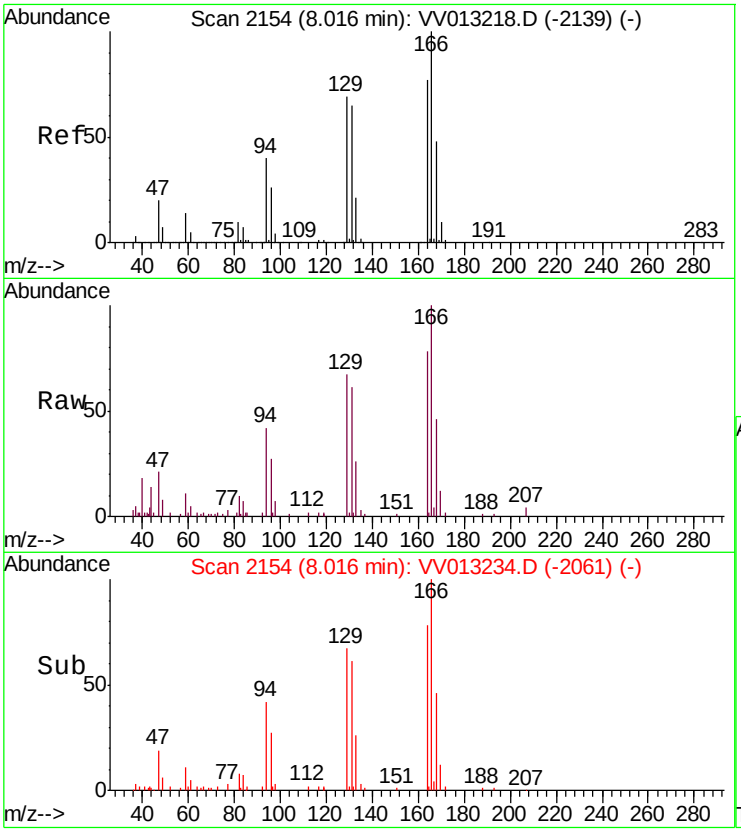


#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 75 Resp: 3820

Ion	Ratio	Lower	Upper
75	100		
77	35.3	21.8	40.4



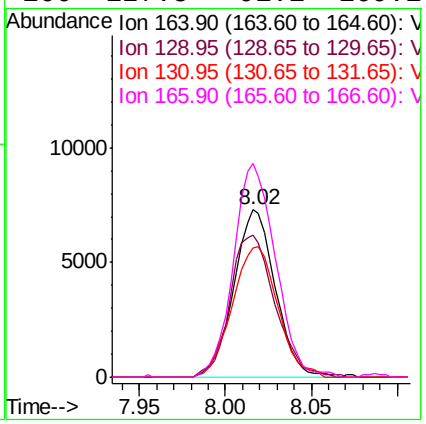


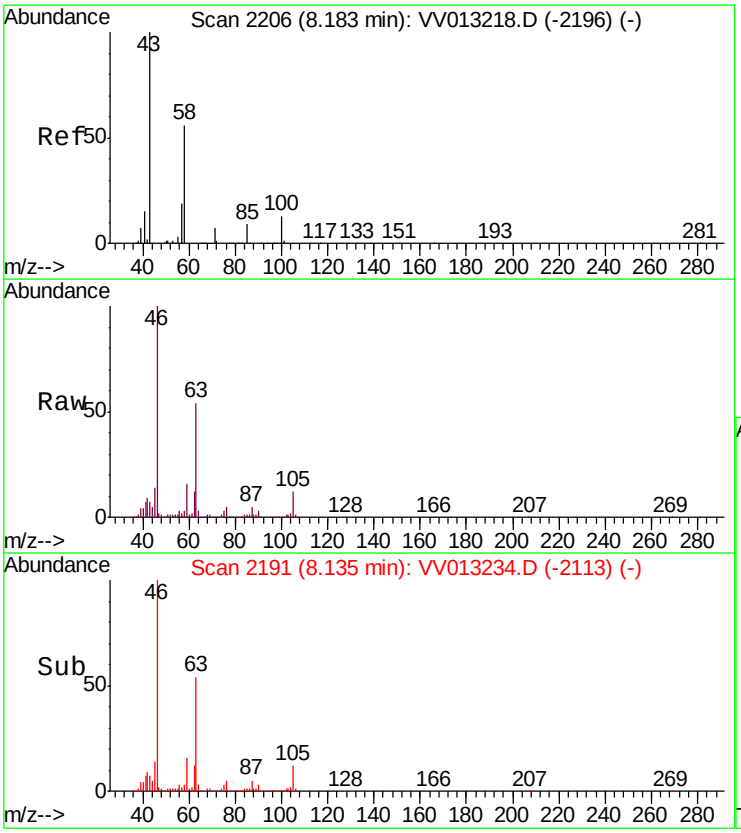
#47
Tetrachloroethene
Concen: 0.292 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion:164 Resp: 12311

Ion	Ratio	Lower	Upper
164	100		
129	85.0	62.2	115.4
131	77.5	59.9	111.3
166	127.8	91.1	169.1

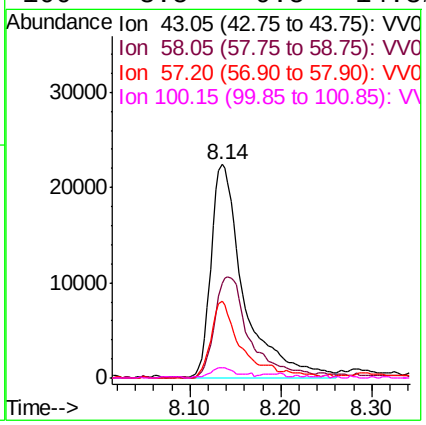


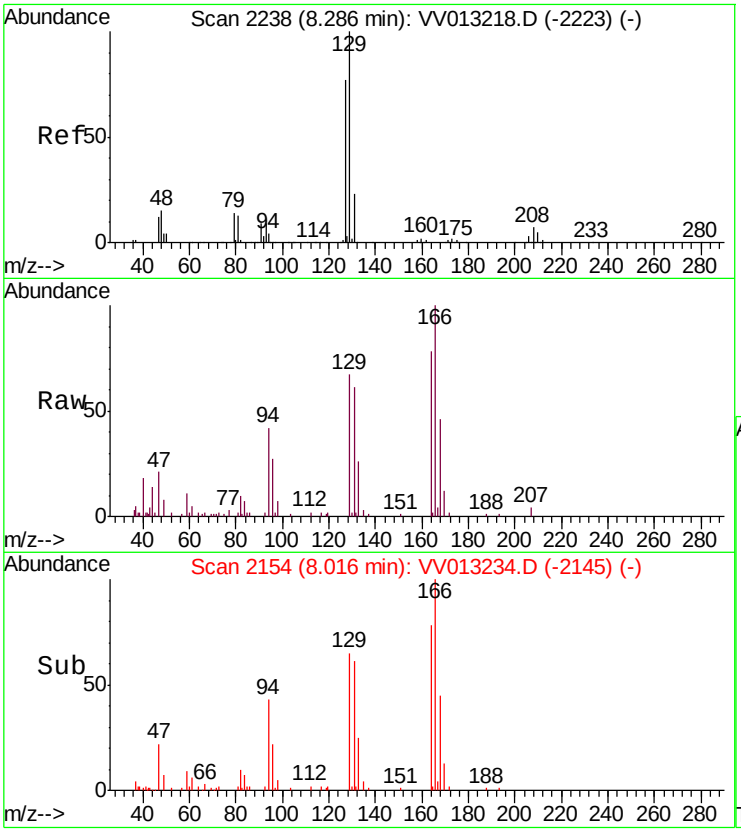


#48
2-Hexanone
Concen: 3.166 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Tgt Ion: 43 Resp: 56649

Ion	Ratio	Lower	Upper
43	100		
58	50.0	44.2	66.2
57	29.4	14.5	21.7#
100	3.5	9.5	14.3#





#49
Dibromochloromethane
Concen: 0.291 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013234.D
Acq: 19 Oct 2019 05:17

Instrument :
MSVOA_V
ClientSampleId :
C0K23

Tgt Ion:129 Resp: 10964

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#