Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090419\

Quantitation Report (Not Reviewed)

Data File : VV012574.D
Acq On : 04 Sep 2019 18:24
Operator : SY/MD
Sample : K4685-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD78

Quant Time: Sep 05 01:32:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41138	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53695	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.58	69	59335	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.13	63	124285	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.00%			
20) 2-Butanone-d5	3.97	46	150392	70.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 140.98%#			
24) Chloroform-d	4.40	84	93246	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
26) 1,2-Dichloroethane-d4	5.08	65	54675	6.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.60%			
32) Benzene-d6	5.10	84	167874	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.12	67	58600	5.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.80%			
41) Toluene-d8	7.36	98	133236	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17395	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.14	63	93891	65.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.92%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42761	5.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	44091	5.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	27799	1.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2907	0.179	ug/L #	85
12) 1,1-Dichloroethene	2.14	96	47996	3.219	ug/L #	83
13) Acetone	2.23	43	10416	3.441	ug/L	69
17) Methyl tert-butyl Ether	2.81	73	9098	0.359	ug/L #	90
19) 1,1-Dichloroethane	3.22	63	3934	0.171	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	7105	0.577	ug/L #	89
25) Chloroform	4.43	83	9742	0.405	ug/L	90
27) 1,2-Dichloroethane	5.19	62	977	0.070	ug/L #	76
29) 1,1,1-Trichloroethane	4.66	97	8987	0.458	ug/L	98
31) Carbon tetrachloride	4.87	117	2182	0.128	ug/L	100
34) Trichloroethene	5.96	95	73742	5.473	ug/L	98
35) Methylcyclohexane	6.12	83	13596	0.664	ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	1422	0.106	ug/L	95
47) Tetrachloroethene	8.02	164	786670	80.806	ug/L	97
48) 2-Hexanone	8.19	43	12891	2.433	ug/L #	72
49) Dibromochloromethane	8.02	129	732939	76.526	ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090419\

Quantitation Report (Not Reviewed)

Data File : VV012574.D
Acq On : 04 Sep 2019 18:24
Operator : SY/MD
Sample : K4685-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD78

Quant Time: Sep 05 01:32:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 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\VV090419\

Quantitation Report (Not Reviewed)

Data File : VV012574.D
Acq On : 04 Sep 2019 18:24
Operator : SY/MD
Sample : K4685-09
Misc : 25mL/MSVOA_V/WATER
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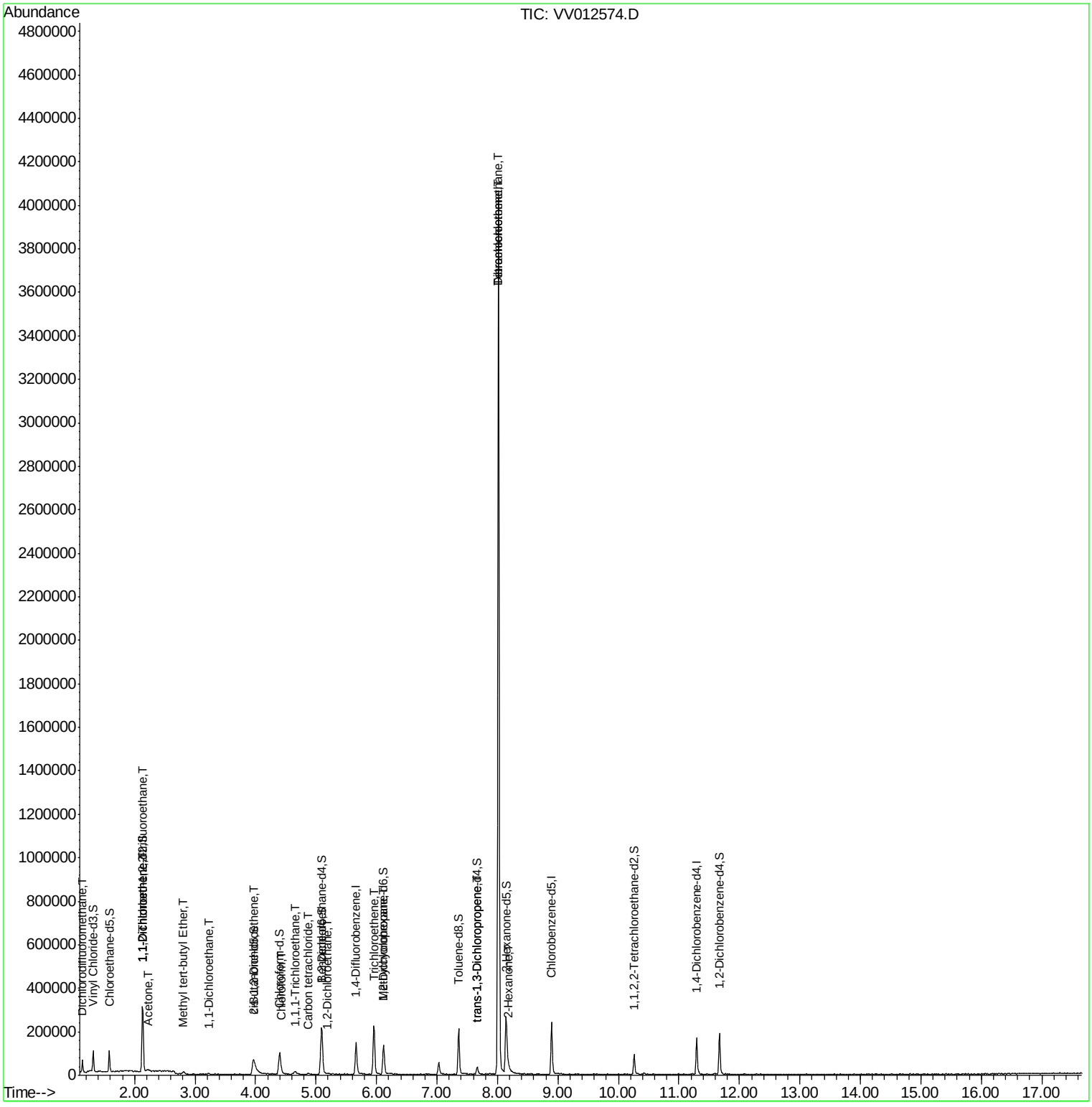
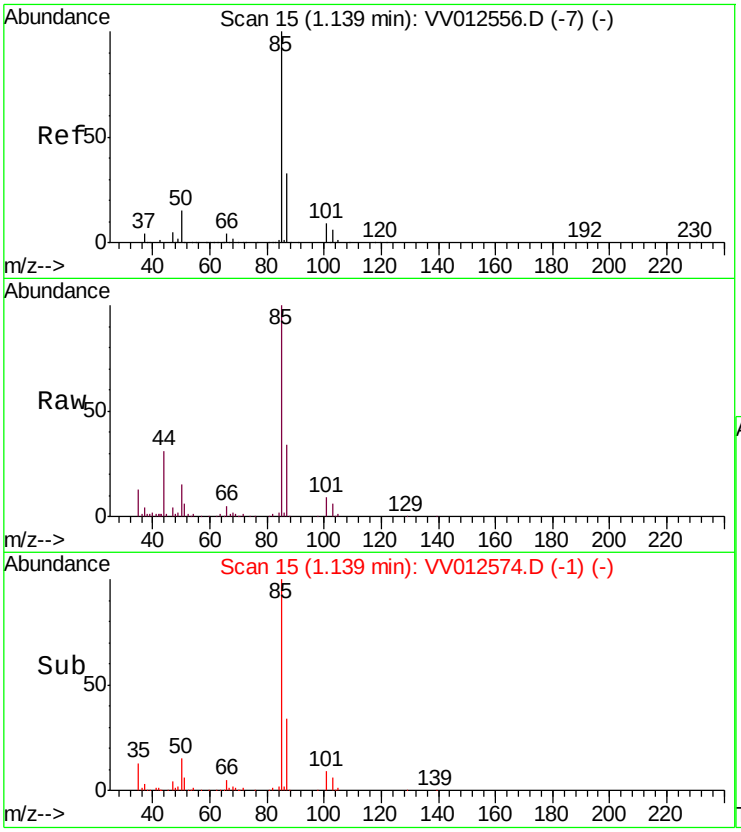
Quant Time: Sep 05 01:32:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration



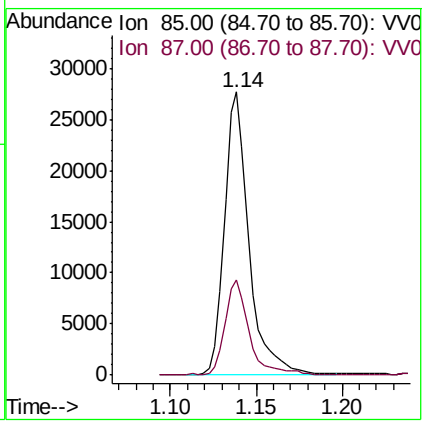


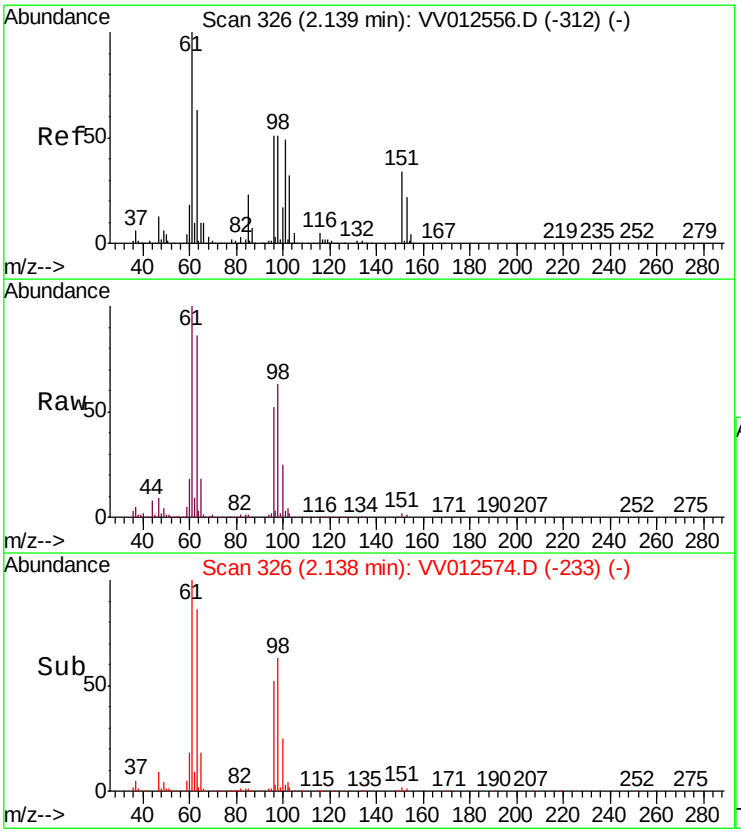
#2
Dichlorodifluoromethane
Concen: 1.883 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument : MSVOA_V
ClientSampleId : BFD78

Tgt Ion: 85 Resp: 27799

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.4	39.6

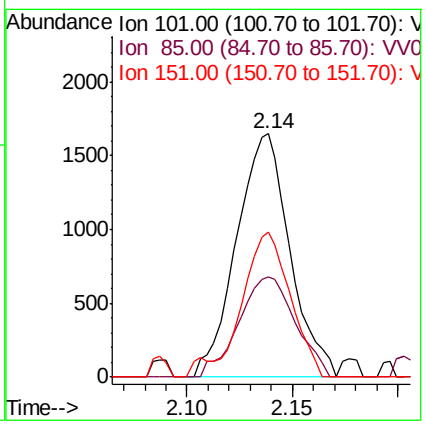


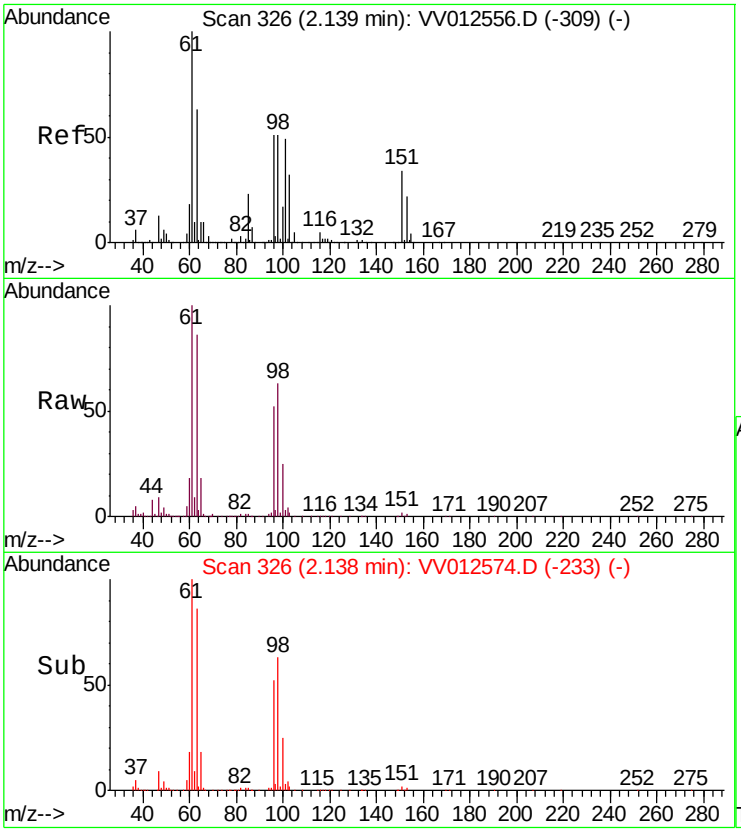


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.179 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion:101 Resp: 2907

Ion	Ratio	Lower	Upper
101	100		
85	43.5	37.4	56.0
151	52.6	56.7	85.1#



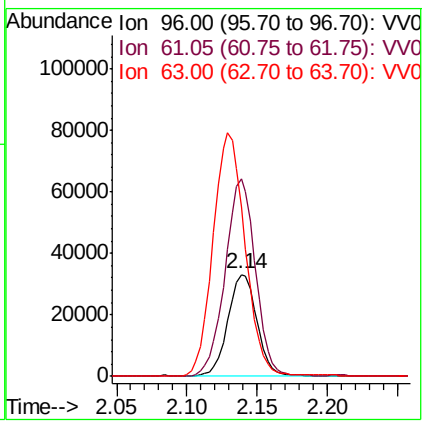


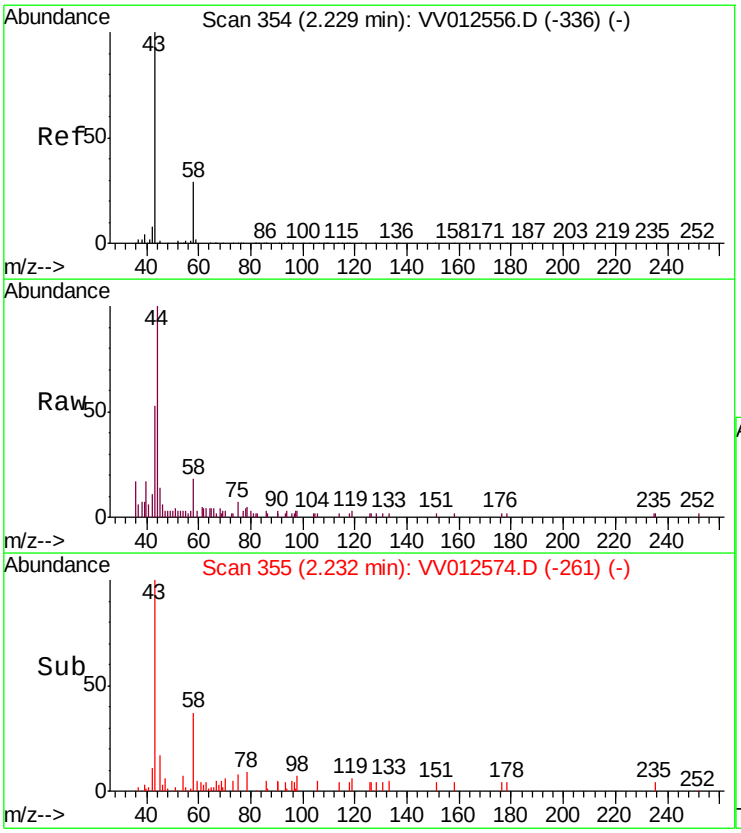
#12
1,1-Dichloroethene
Concen: 3.219 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion: 96 Resp: 47996

Ion	Ratio	Lower	Upper
96	100		
61	193.4	133.7	248.3
63	166.4	83.2	154.6#

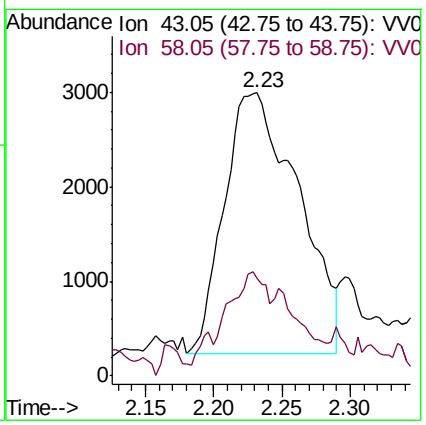


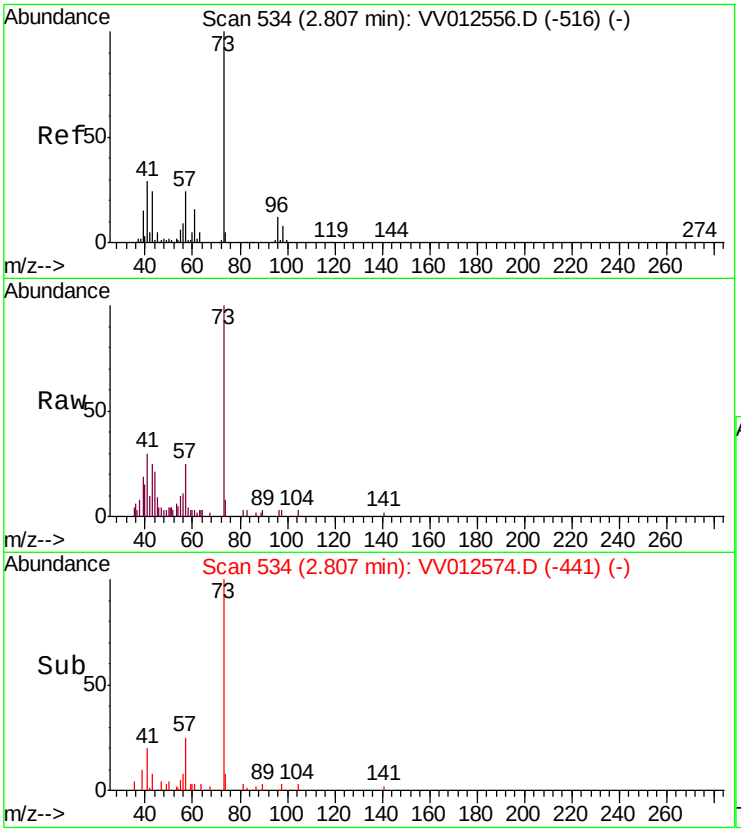


#13
Acetone
Concen: 3.441 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 43 Resp: 10416

Ion	Ratio	Lower	Upper
43	100		
58	12.6	0.0	58.2



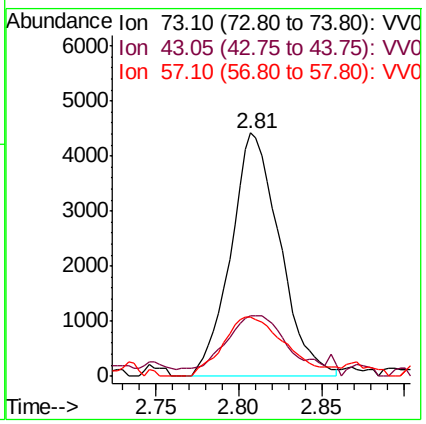


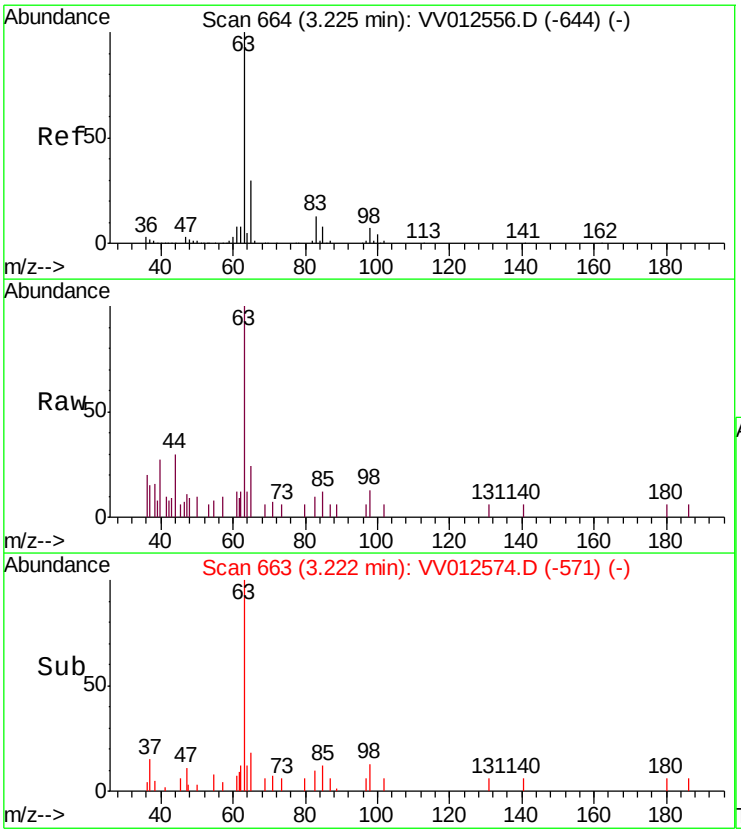
#17
Methyl tert-butyl Ether
Concen: 0.359 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument : MSVOA_V
ClientSampleId : BFD78

Tgt Ion: 73 Resp: 9098

Ion	Ratio	Lower	Upper
73	100		
43	25.4	18.9	28.3
57	30.7	18.3	27.5#

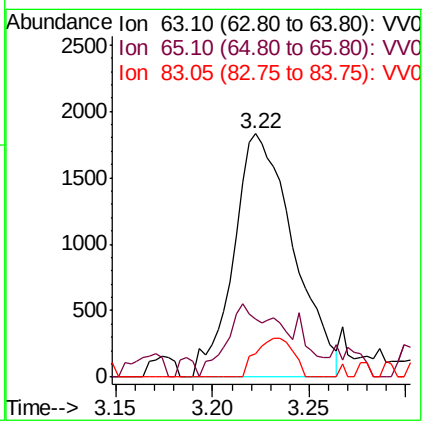


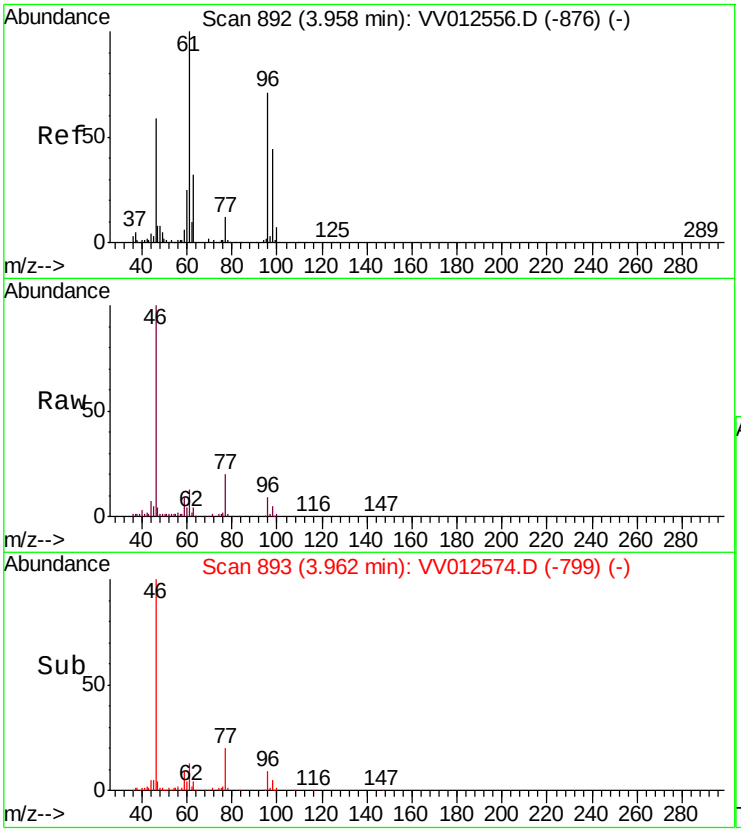


#19
1,1-Dichloroethane
Concen: 0.171 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 63 Resp: 3934

Ion	Ratio	Lower	Upper
63	100		
65	23.9	21.5	39.9
83	9.9	9.1	16.9



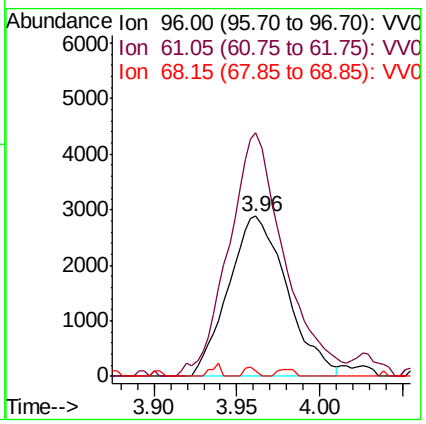


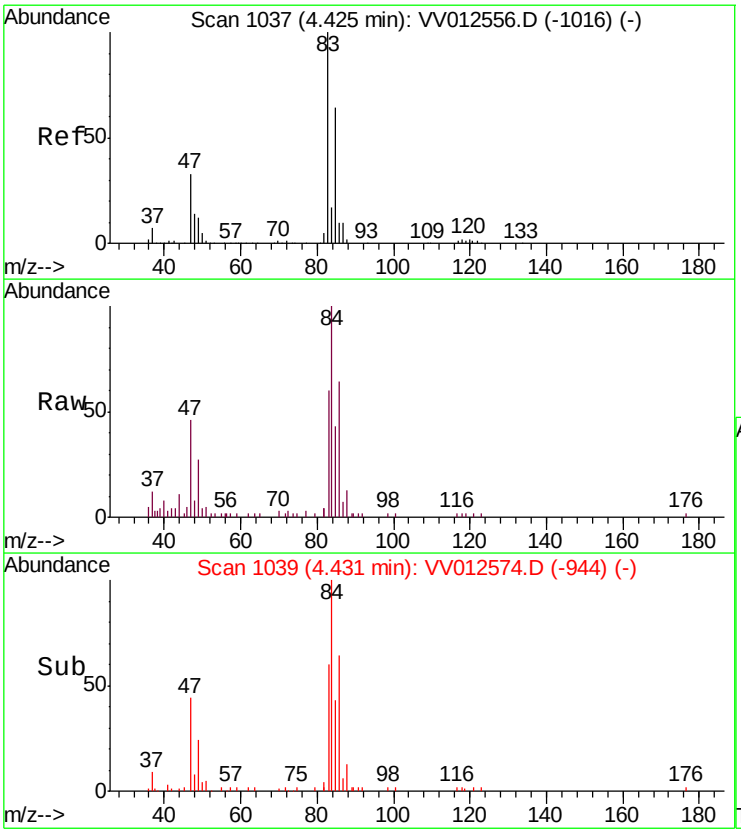
#22
cis-1,2-Dichloroethene
Concen: 0.577 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument : MSVOA_V
ClientSampleId : BFD78

Tgt Ion: 96 Resp: 7105

Ion	Ratio	Lower	Upper
96	100		
61	152.2	97.5	181.1
68	3.7	0.0	0.0#

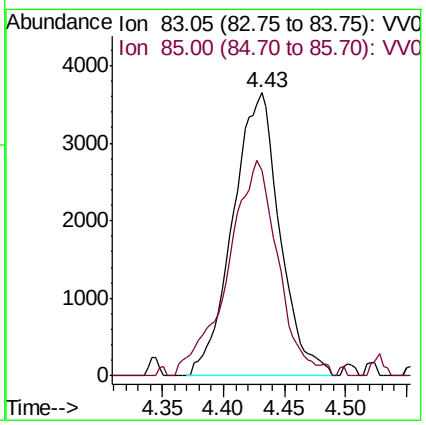


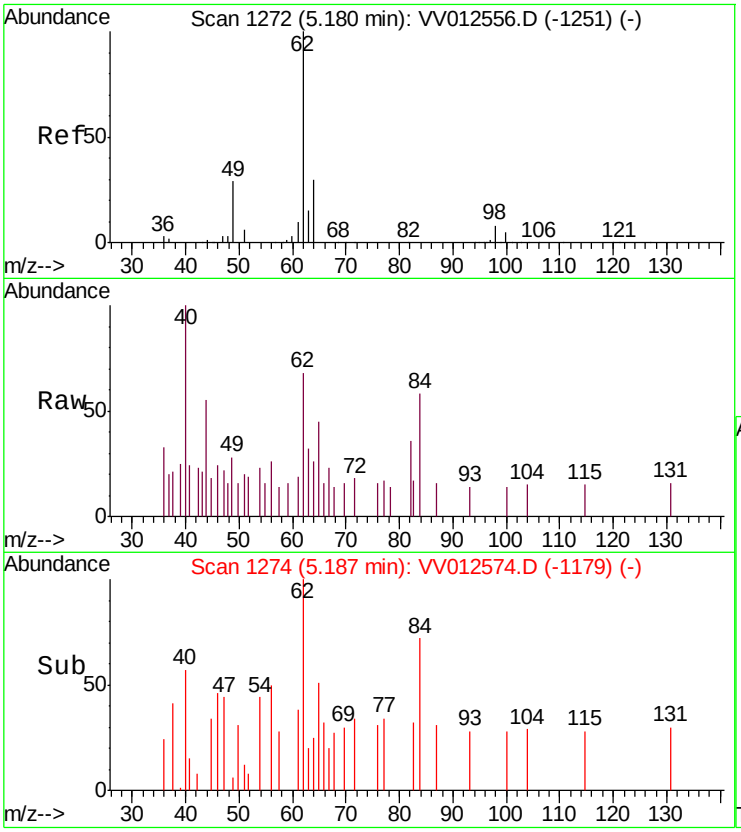


#25
Chloroform
Concen: 0.405 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 83 Resp: 9742

Ion	Ratio	Lower	Upper
83	100		
85	72.4	45.1	83.9



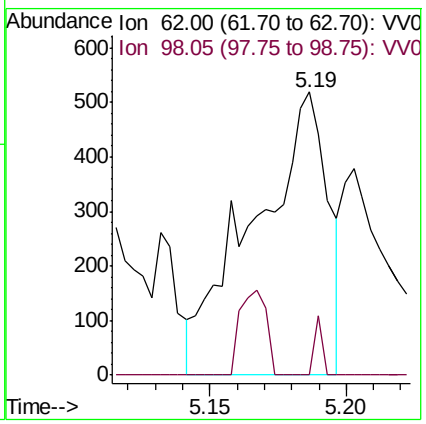


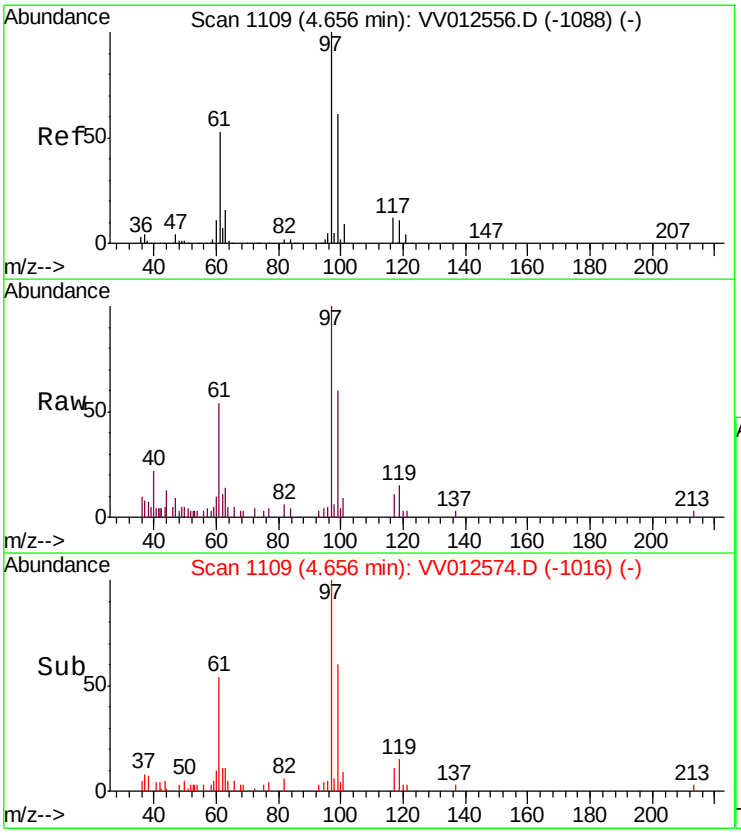
#27
1,2-Dichloroethane
Concen: 0.070 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion: 62 Resp: 977

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

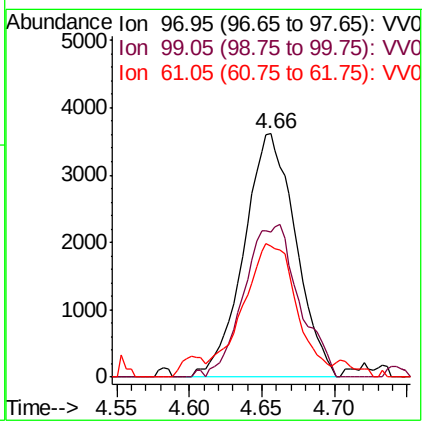


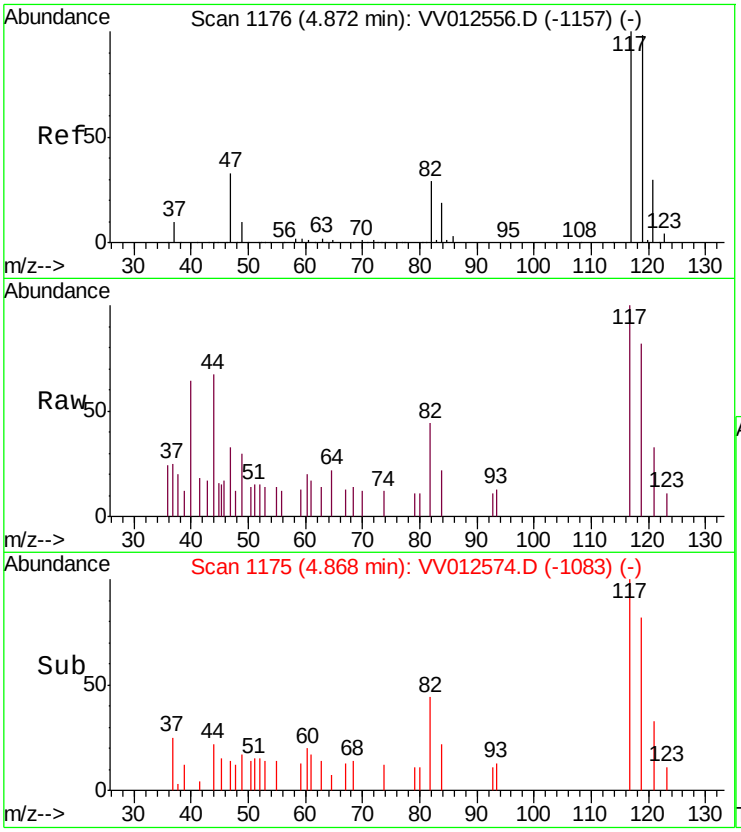


#29
1,1,1-Trichloroethane
Concen: 0.458 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 97 Resp: 8987

Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.6	79.0
61	56.7	43.4	65.2



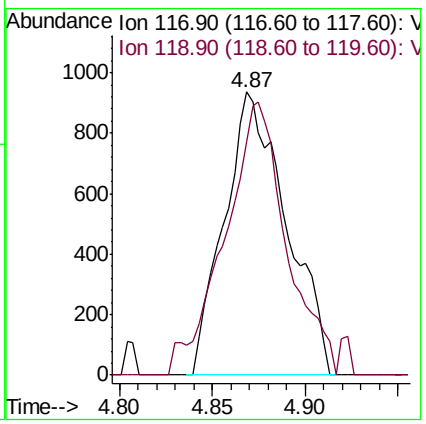


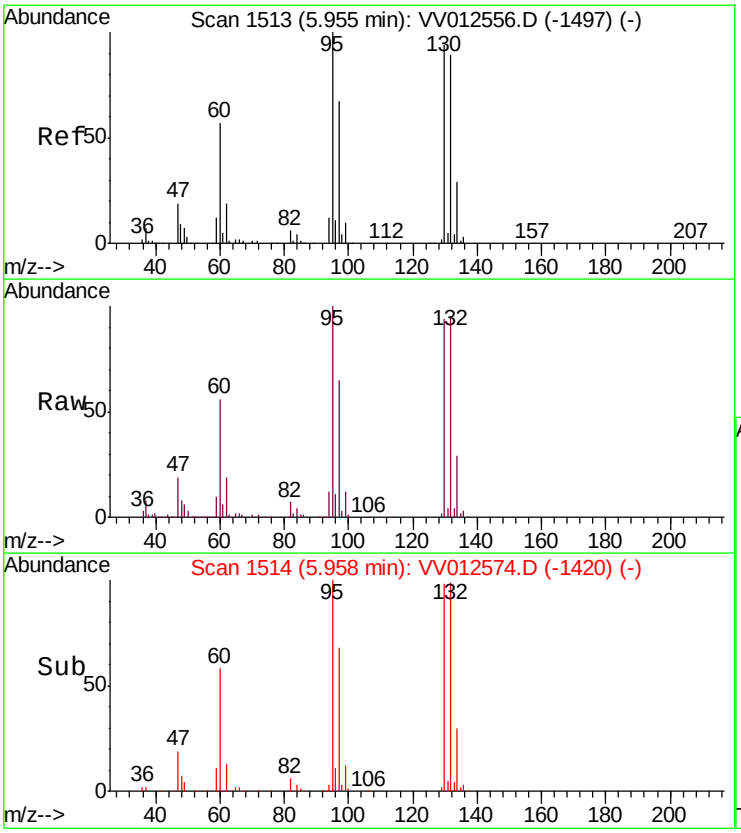
#31
Carbon tetrachloride
Concen: 0.128 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion:117 Resp: 2182

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.5	114.7

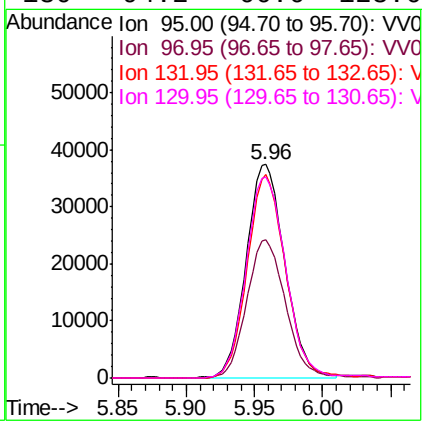


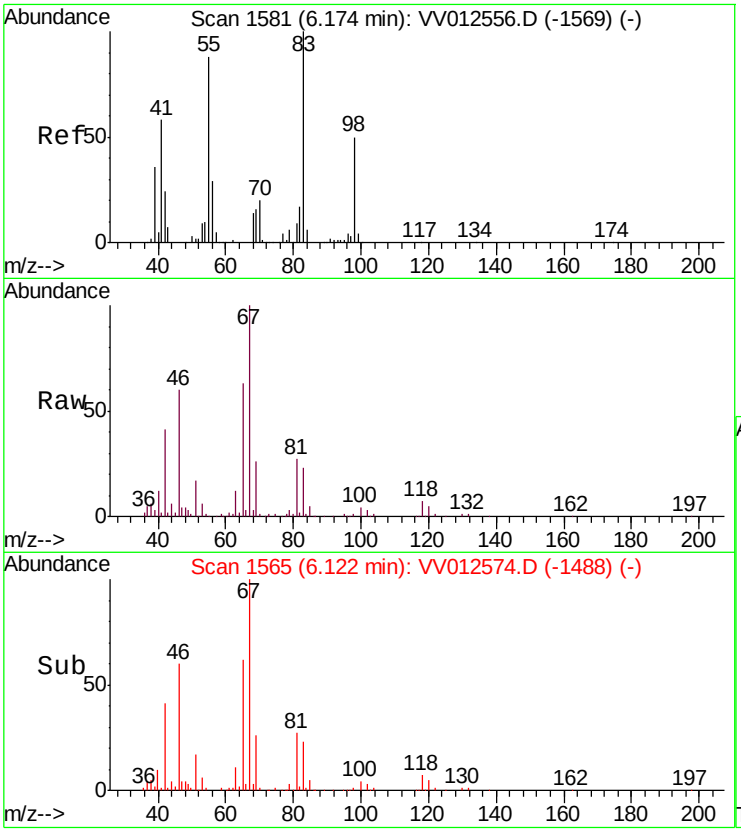


#34
Trichloroethene
Concen: 5.473 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 95 Resp: 73742

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	83.1
132	95.3	63.8	118.4
130	94.2	66.6	123.6



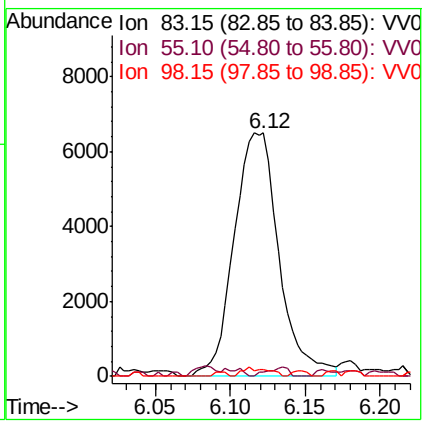


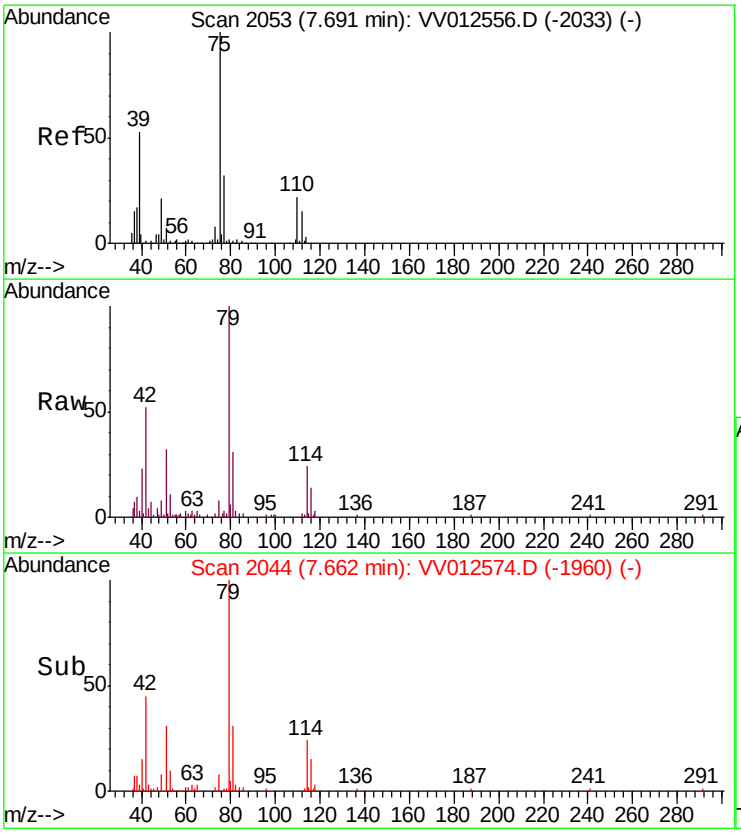
#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion: 83 Resp: 13596

Ion	Ratio	Lower	Upper
83	100		
55	1.6	67.3	100.9#
98	0.0	37.4	56.2#

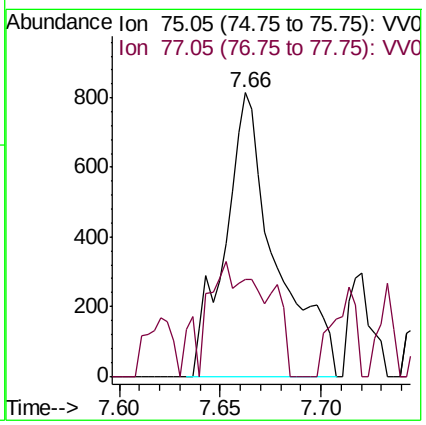


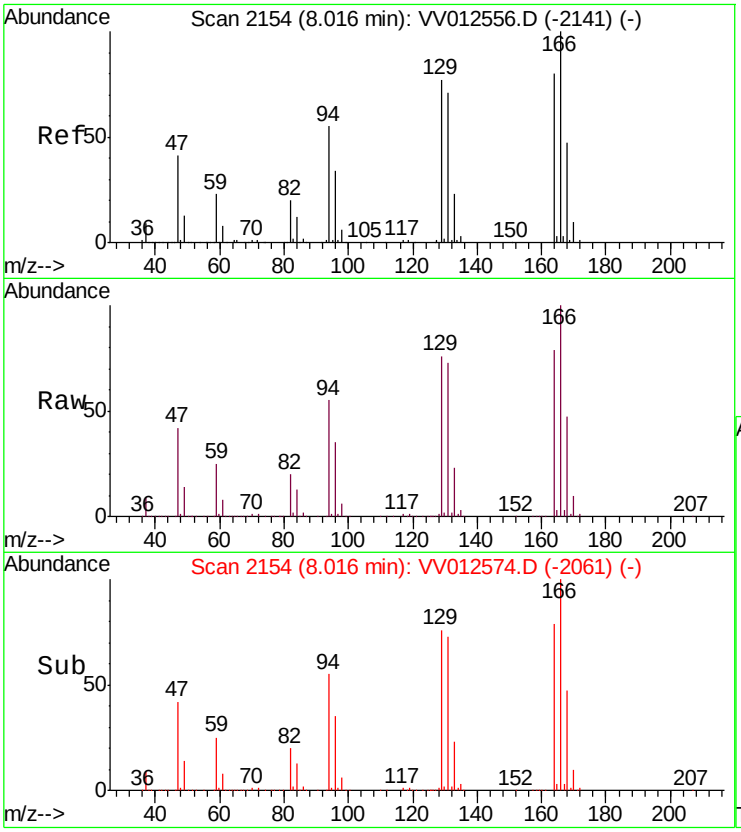


#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 75 Resp: 1422

Ion	Ratio	Lower	Upper
75	100		
77	34.3	22.2	41.2



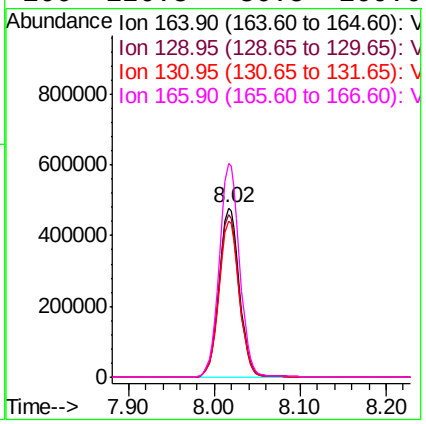


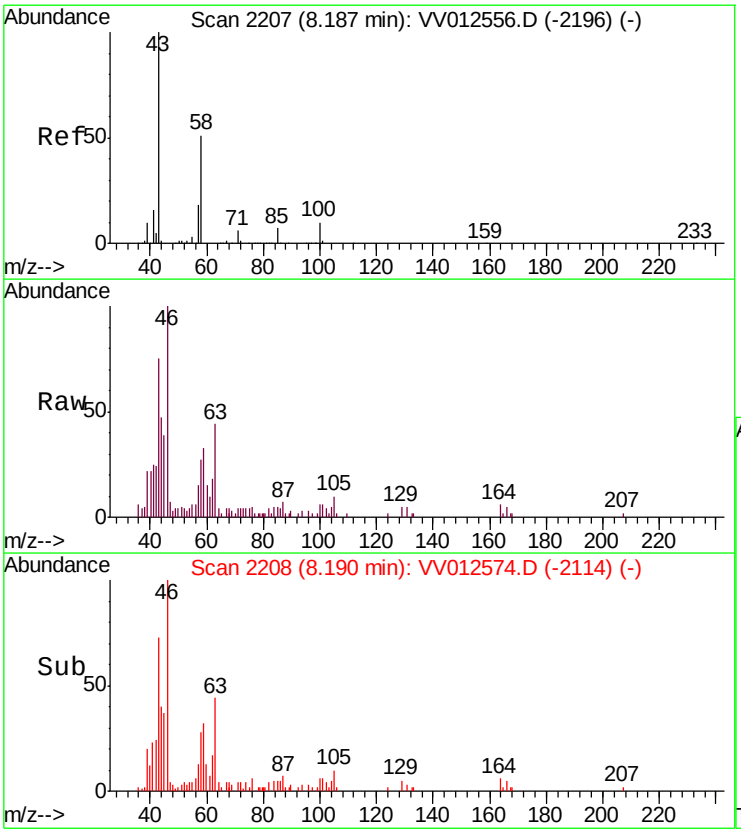
#47
Tetrachloroethene
Concen: 80.806 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion:164 Resp: 786670

Ion	Ratio	Lower	Upper
164	100		
129	96.4	64.5	119.9
131	92.4	62.3	115.7
166	126.3	86.5	160.6

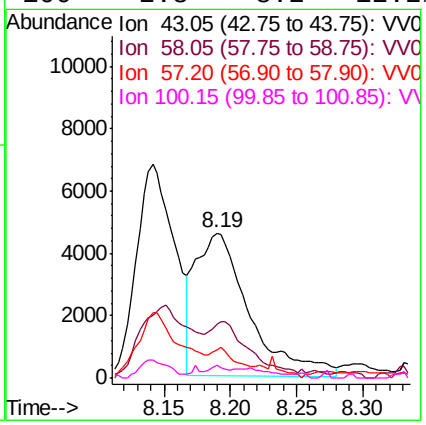


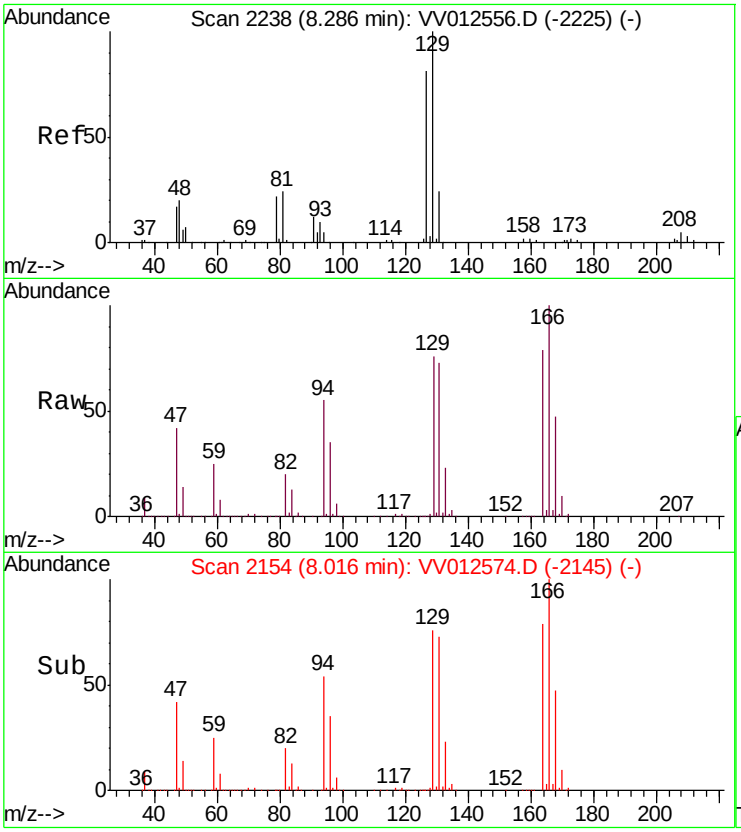


#48
2-Hexanone
Concen: 2.433 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Tgt Ion: 43 Resp: 12891

Ion	Ratio	Lower	Upper
43	100		
58	25.7	40.0	60.0#
57	11.4	13.4	20.2#
100	2.8	8.2	12.2#





#49
Dibromochloromethane
Concen: 76.526 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012574.D
Acq: 04 Sep 2019 18:24

Instrument :
MSVOA_V
ClientSampleId :
BFD78

Tgt Ion:129 Resp: 732939

Ion	Ratio	Lower	Upper
129	100		
127	0.2	54.9	102.1#