Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008318.D
Acq On : 17 Oct 2018 01:46
Operator : SY/MD
Sample : J5463-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB6

Quant Time: Oct 17 05:06:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	74724	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	68937	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27578	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	43728	10.35	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 207.00%#				
7) Chloroethane-d5	1.58	69	16488	4.95	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%				
11) 1,1-Dichloroethene-d2	2.14	63	57957	7.15	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 143.00%#				
20) 2-Butanone-d5	3.97	46	65170	46.01	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.02%				
24) Chloroform-d	4.41	84	40773	4.32	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%				
26) 1,2-Dichloroethane-d4	5.09	65	22085	4.61	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%				
32) Benzene-d6	5.10	84	90388	4.46	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%				
36) 1,2-Dichloropropane-d6	6.13	67	30793	4.62	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%				
41) Toluene-d8	7.36	98	80129	4.37	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%				
43) trans-1,3-Dichloropropene-	7.67	79	11244	4.07	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%				
46) 2-Hexanone-d5	8.14	63	46171	47.64	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.28%				
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19422	4.39	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%				
64) 1,2-Dichlorobenzene-d4	11.68	152	25185	4.81	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	731	0.124	ug/L		96
5) Vinyl chloride	1.32	62	3321492	597.405	ug/L		99
8) Chloroethane	1.32	64	1080949	374.019	ug/L	#	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	395	0.102	ug/L	#	35
12) 1,1-Dichloroethene	2.14	96	43491	12.116	ug/L	#	80
13) Acetone	2.20	43	2412	3.147	ug/L		81
17) Methyl tert-butyl Ether	2.81	73	16758	1.643	ug/L		98
18) trans-1,2-Dichloroethene	2.79	96	26536	6.871	ug/L		99
19) 1,1-Dichloroethane	3.23	63	38272	4.796	ug/L		97
22) cis-1,2-Dichloroethene	3.97	96	11478655	1840.848	ug/L	#	96
25) Chloroform	4.44	83	1451	0.148	ug/L		86
27) 1,2-Dichloroethane	5.19	62	1045	0.180	ug/L	#	41
33) Benzene	5.15	78	3230	0.139	ug/L		100
34) Trichloroethene	5.97	95	6599322	1025.111	ug/L		97
35) Methylcyclohexane	6.12	83	7227	0.666	ug/L	#	18
37) 1,2-Dichloropropane	6.23	63	841	0.134	ug/L	#	23
39) cis-1,3-Dichloropropene	7.04	75	734	0.082	ug/L	#	52

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008318.D
Acq On : 17 Oct 2018 01:46
Operator : SY/MD
Sample : J5463-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB6

Quant Time: Oct 17 05:06:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	96660	3.992	ug/L		98
45) 1,1,2-Trichloroethane	7.89	97	1451	0.373	ug/L		91
47) Tetrachloroethene	8.03	164	672	0.167	ug/L		91
48) 2-Hexanone	8.19	43	11163	3.979	ug/L	#	90
49) Dibromochloromethane	8.02	129	773	0.174	ug/L	#	10
51) Chlorobenzene	8.93	112	2593	0.180	ug/L		90
52) Ethylbenzene	9.06	91	42614	1.600	ug/L		99
53) m,p-xylene	9.19	106	20169	2.094	ug/L		98
54) o-xylene	9.59	106	16271	1.696	ug/L		99
56) Isopropylbenzene	9.98	105	4516	0.179	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	1236	0.132	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	11348	1.228	ug/L		94
65) 1,2-Dichlorobenzene	11.69	146	55385	6.189	ug/L		97

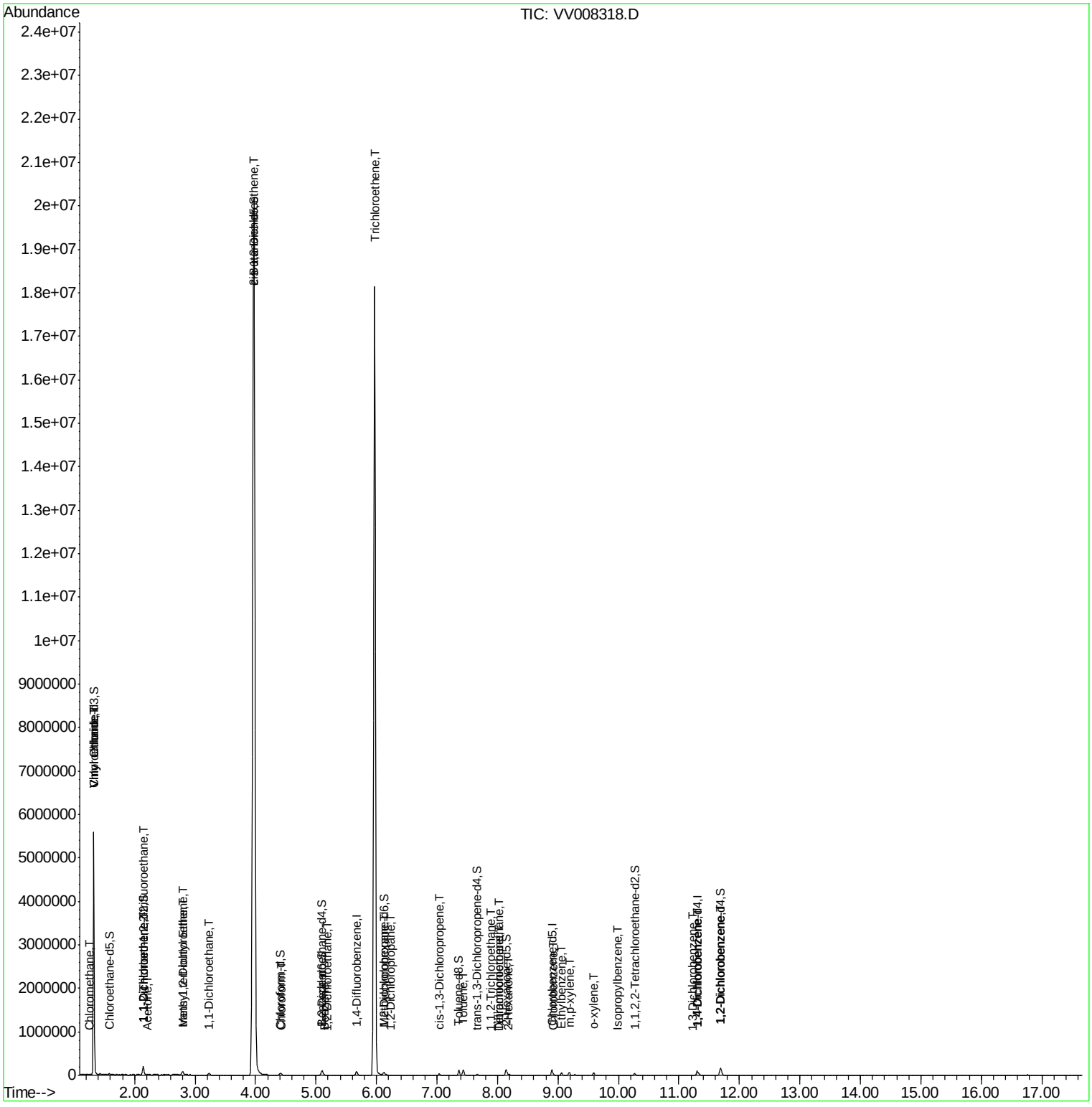
(#) = qualifier out of range (m) = manual integration (+) = signals summed

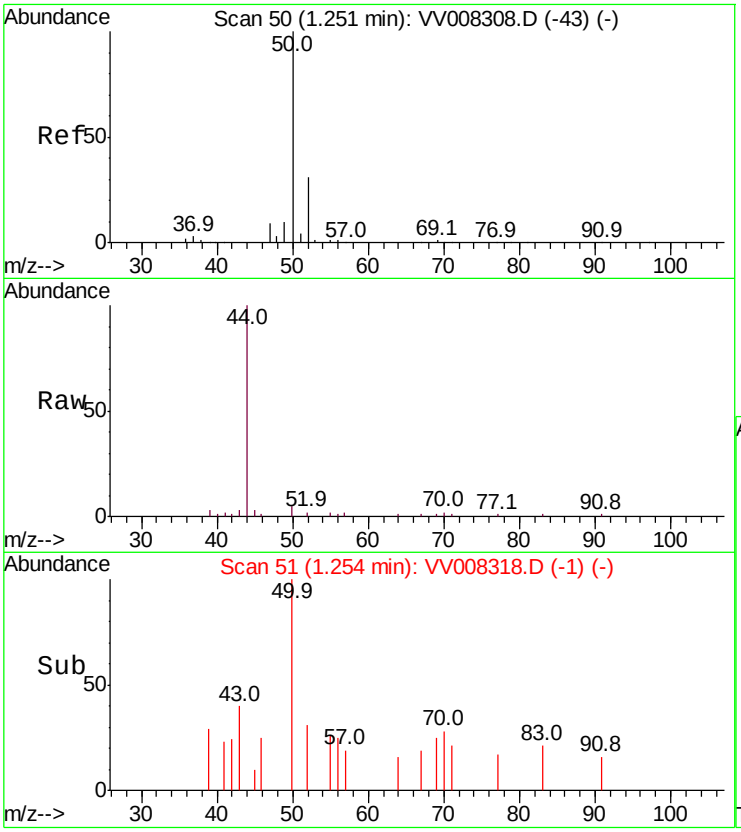
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008318.D
Acq On : 17 Oct 2018 01:46
Operator : SY/MD
Sample : J5463-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Quant Time: Oct 17 05:06:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration



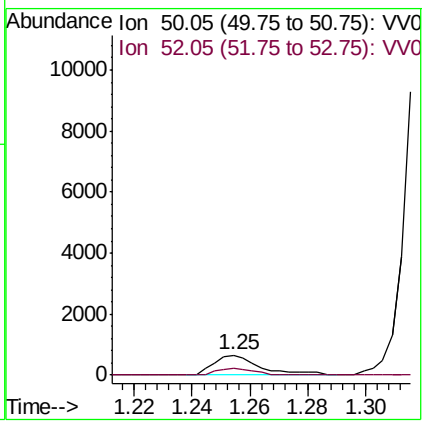


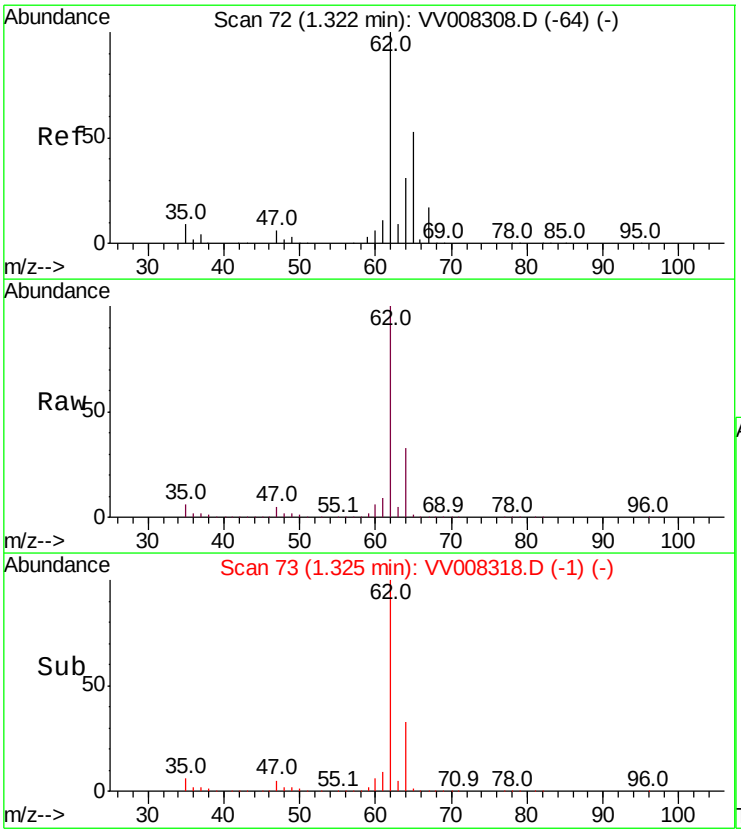
#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion: 50 Resp: 731

Ion	Ratio	Lower	Upper
50	100		
52	31.4	23.7	43.9

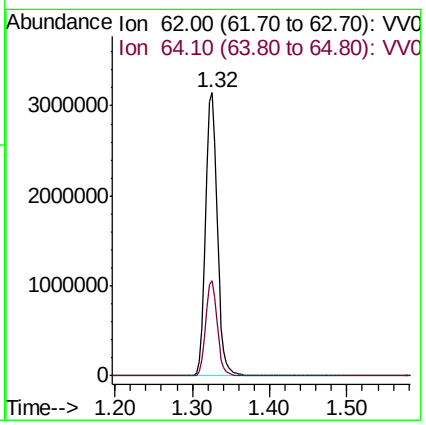


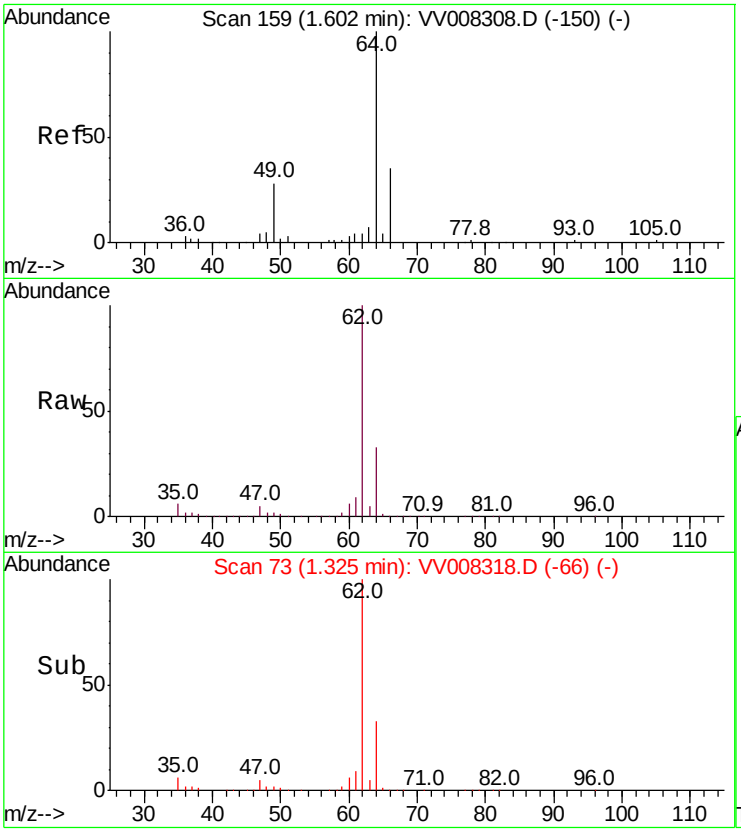


#5
Vinyl chloride
Concen: 597.405 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 62 Resp: 3321492

Ion	Ratio	Lower	Upper
62	100		
64	33.4	22.9	42.5



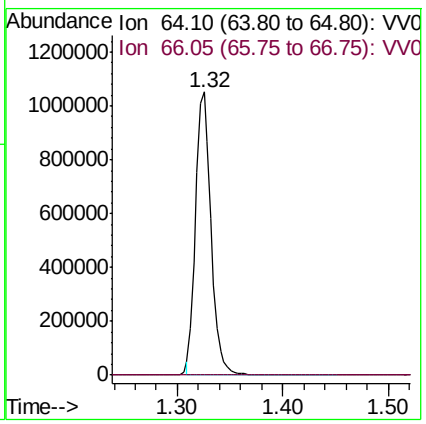


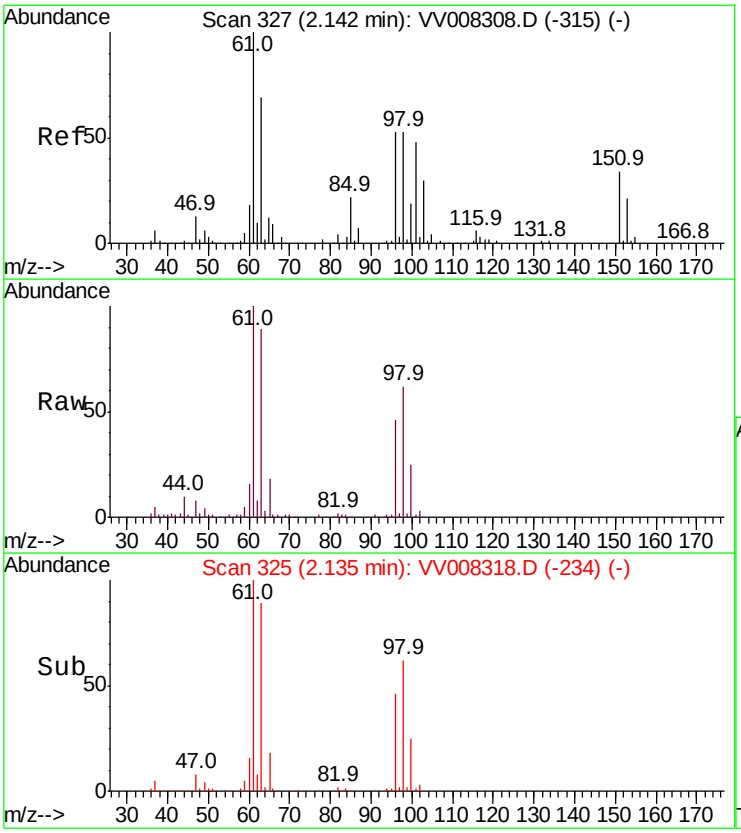
#8
Chloroethane
Concen: 374.019 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.28 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion: 64 Resp: 1080949

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#

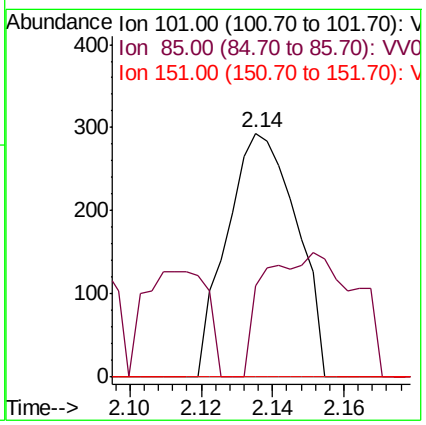


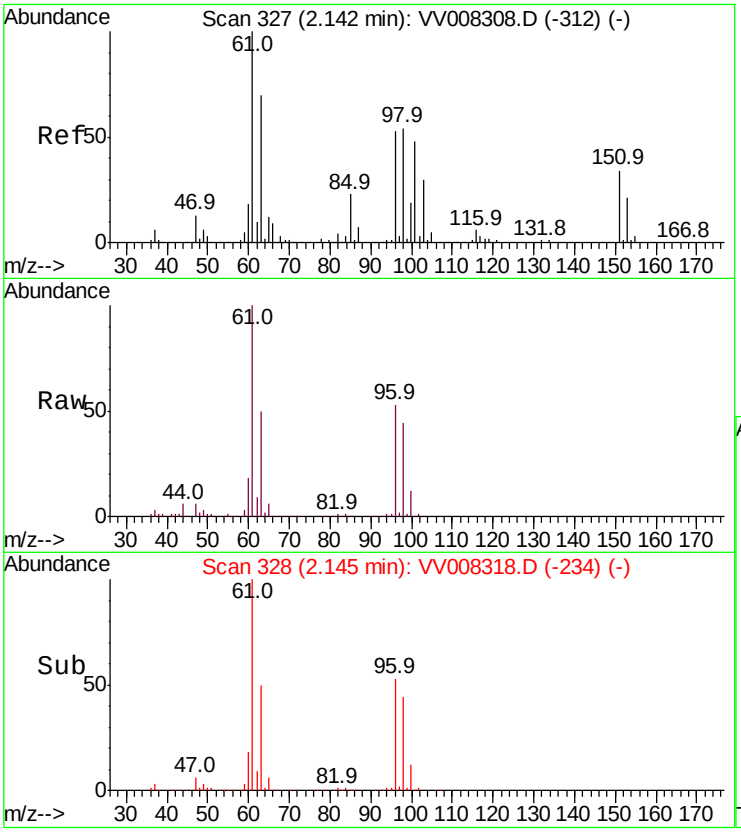


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:101 Resp: 395

Ion	Ratio	Lower	Upper
101	100		
85	66.6	37.4	56.2#
151	0.0	59.0	88.6#



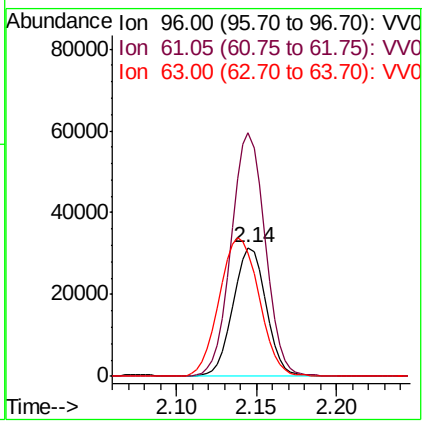


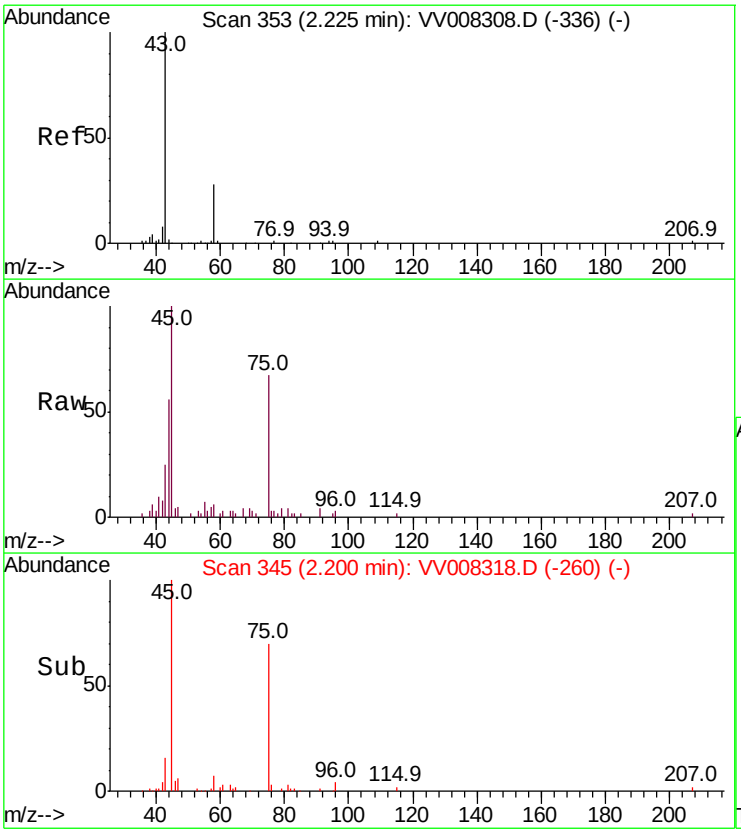
#12
1,1-Dichloroethene
Concen: 12.116 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion: 96 Resp: 43491

Ion	Ratio	Lower	Upper
96	100		
61	189.6	129.9	241.3
63	95.7	103.0	191.4#

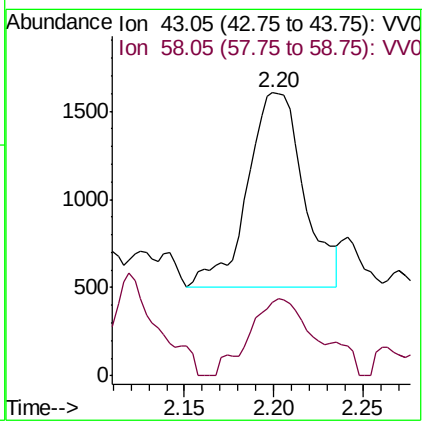


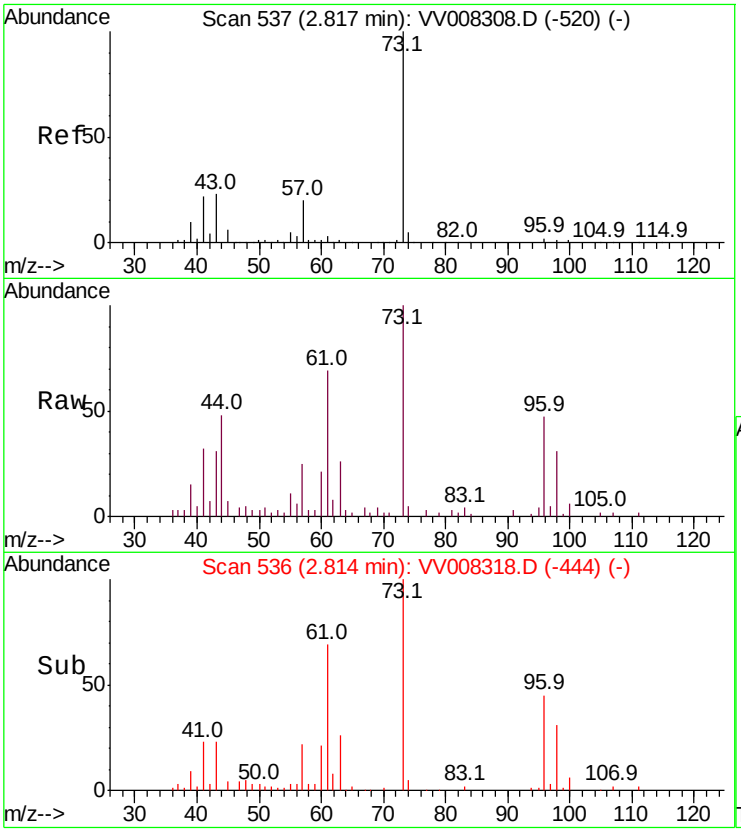


#13
Acetone
Concen: 3.147 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.03 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 43 Resp: 2412

Ion	Ratio	Lower	Upper
43	100		
58	41.4	0.0	62.0



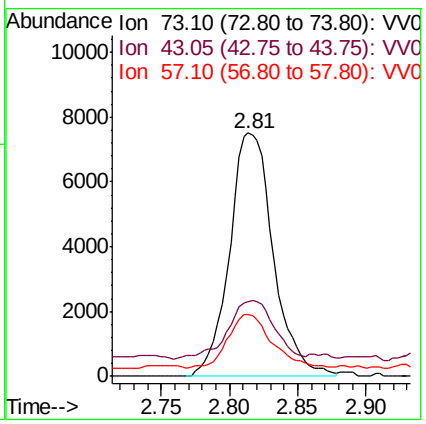


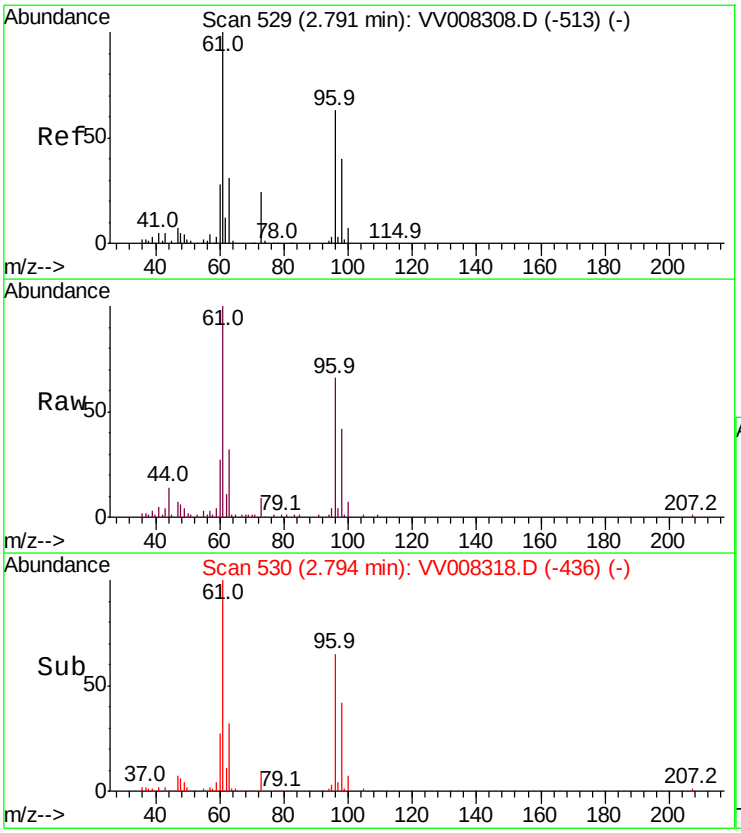
#17
Methyl tert-butyl Ether
Concen: 1.643 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 73 Resp: 16758

Ion	Ratio	Lower	Upper
73	100		
43	25.3	19.0	28.6
57	22.2	18.2	27.2

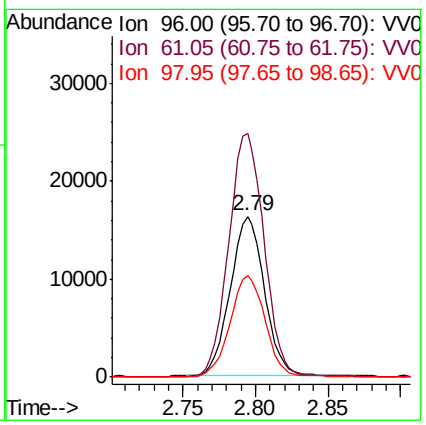


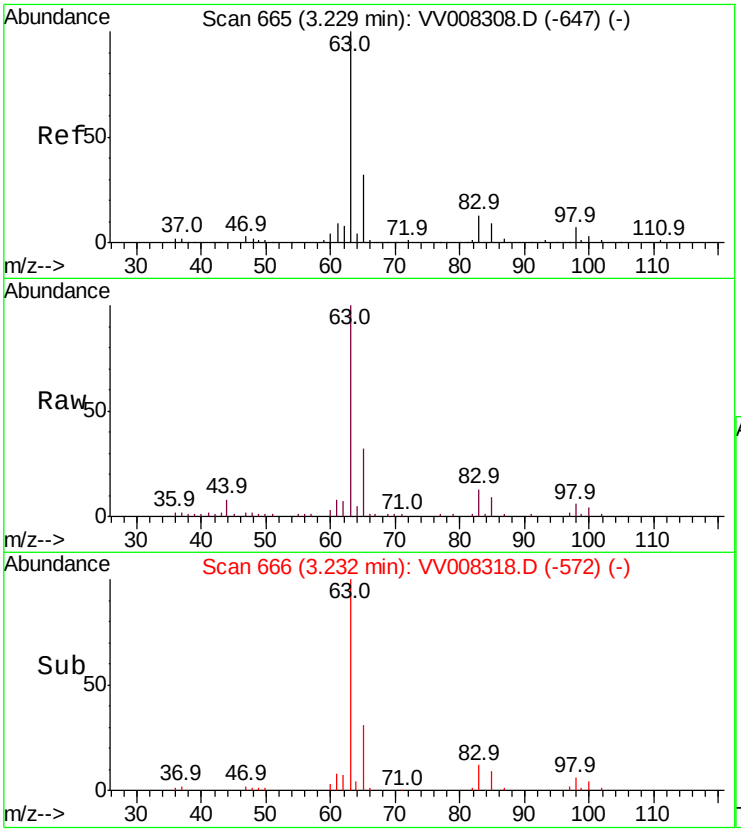


#18
trans-1,2-Dichloroethene
Concen: 6.871 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 96 Resp: 26536

Ion	Ratio	Lower	Upper
96	100		
61	151.7	104.6	194.2
98	63.0	44.1	81.9



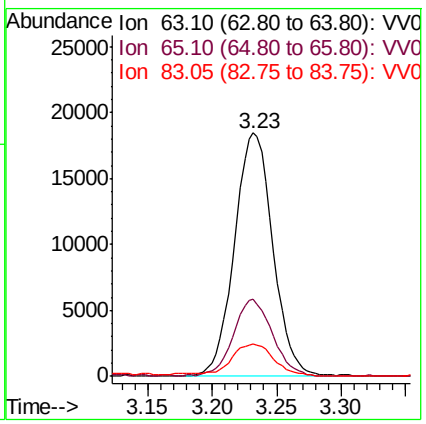


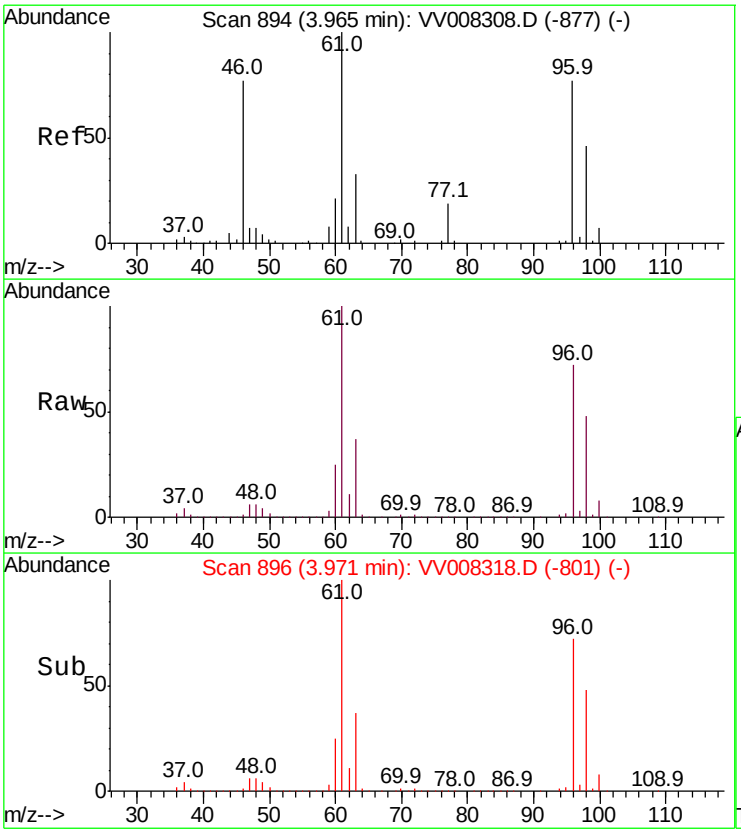
#19
1,1-Dichloroethane
Concen: 4.796 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 63 Resp: 38272

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.6	42.0
83	13.1	11.0	20.4

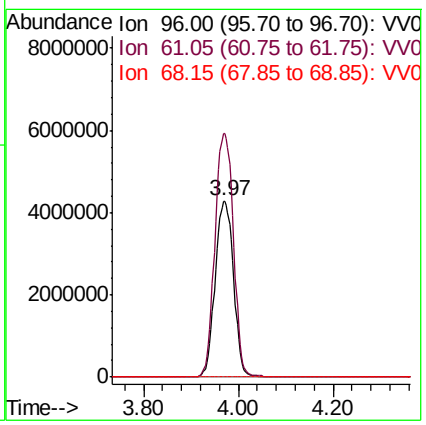


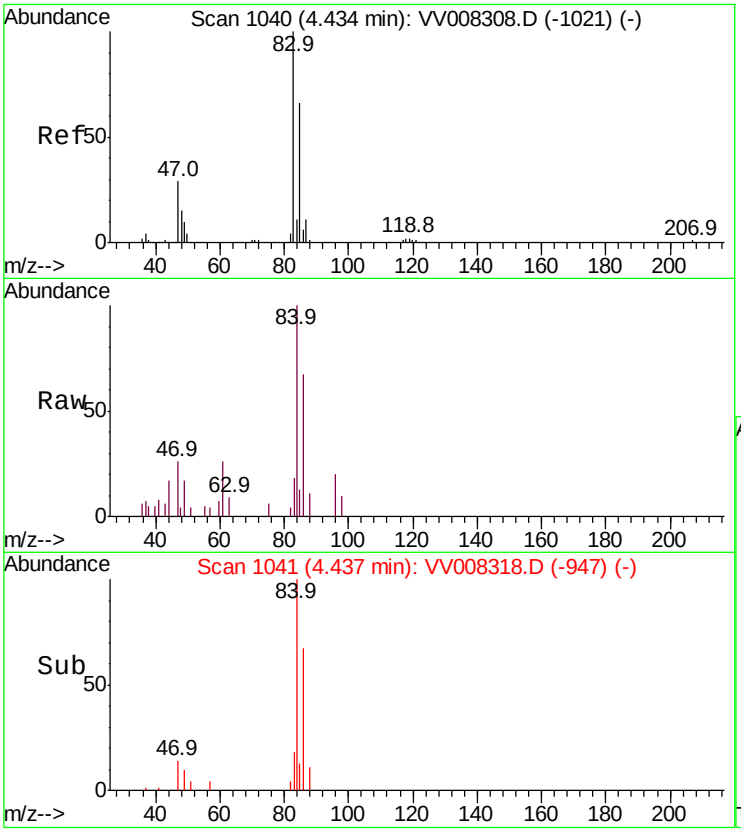


#22
cis-1,2-Dichloroethene
Concen: 1840.848 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 96 Resp:11478655

Ion	Ratio	Lower	Upper
96	100		
61	138.1	93.7	174.1
68	0.0	0.6	1.2#



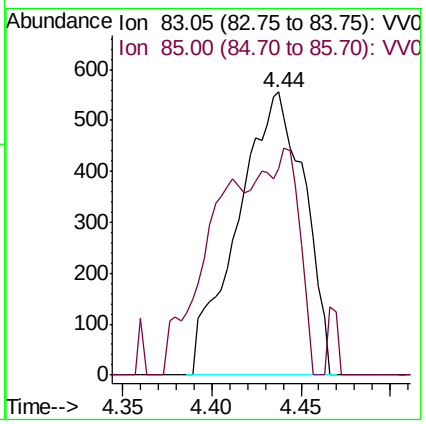


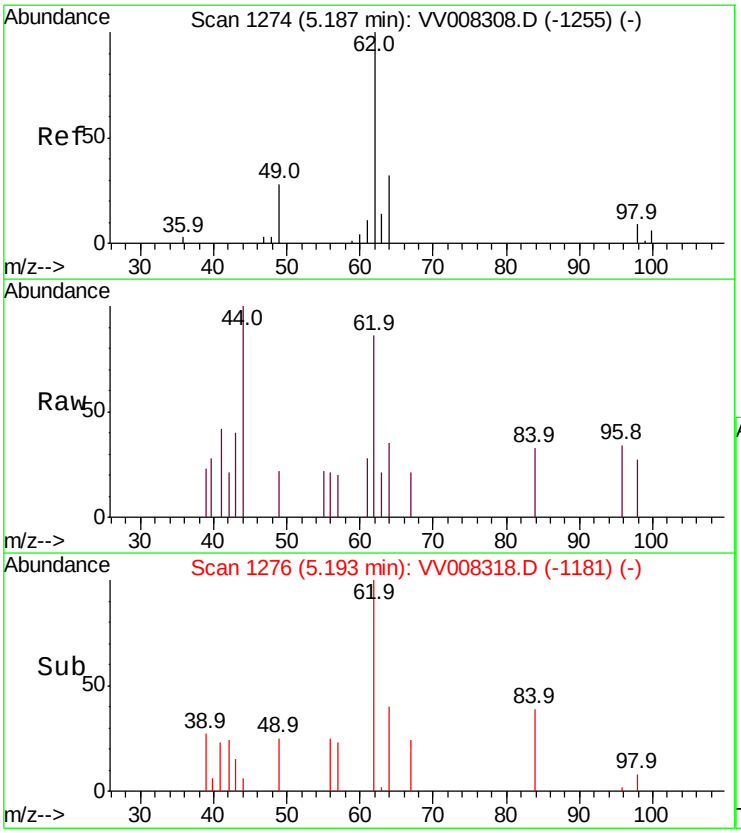
#25
Chloroform
Concen: 0.148 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 83 Resp: 1451

Ion	Ratio	Lower	Upper
83	100		
85	73.0	43.4	80.6

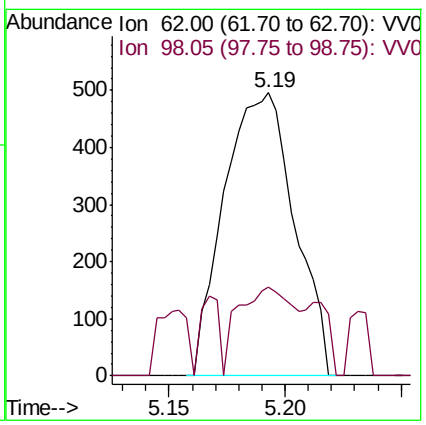


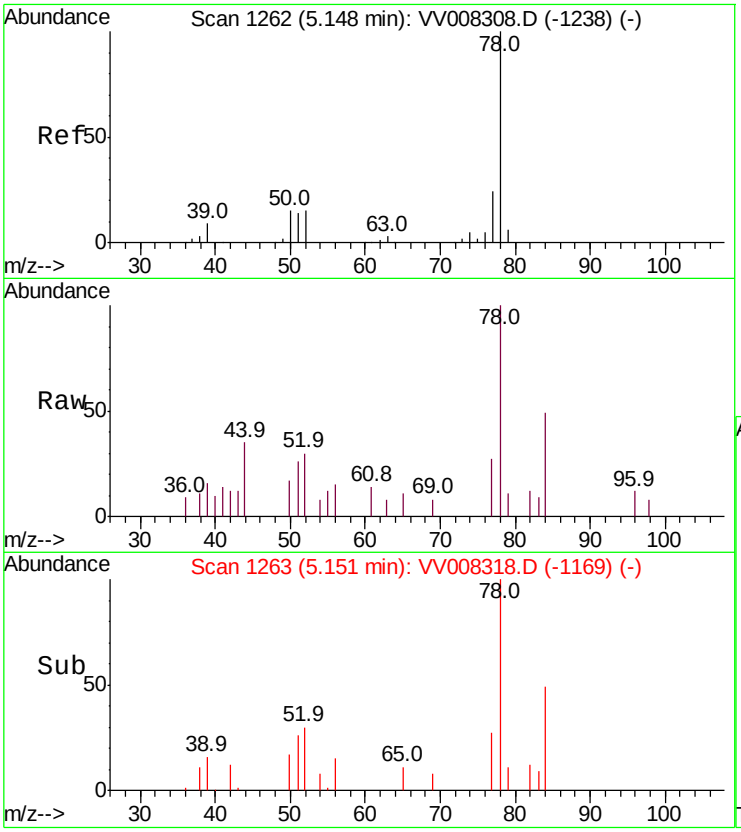


#27
1,2-Dichloroethane
Concen: 0.180 ug/L
RT: 5.19 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 62 Resp: 1045

Ion	Ratio	Lower	Upper
62	100		
98	31.3	7.6	11.4#

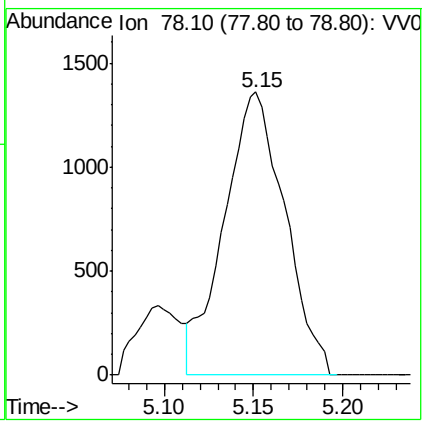


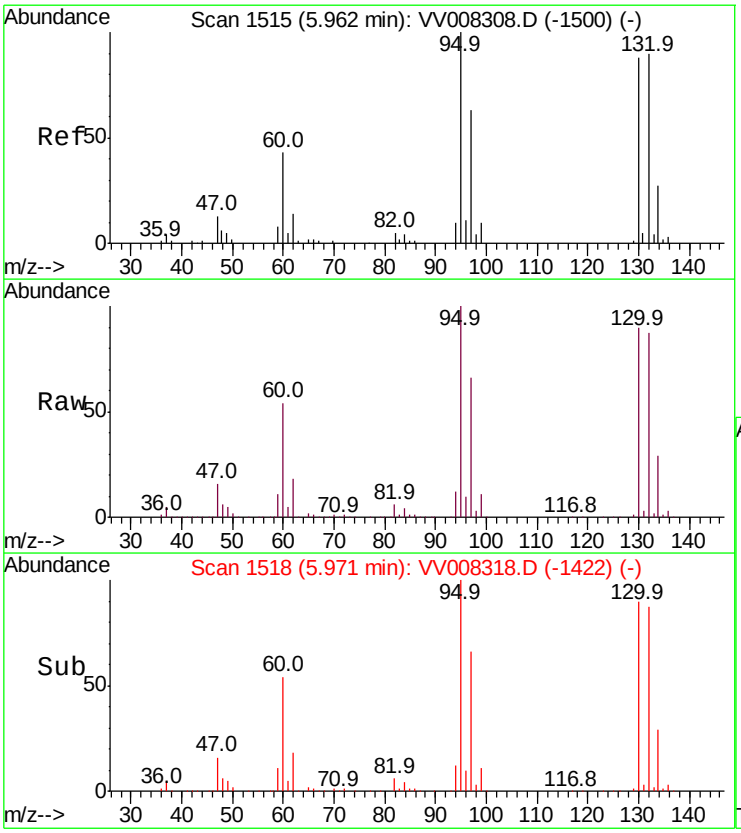


#33
Benzene
Concen: 0.139 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion: 78 Resp: 3230

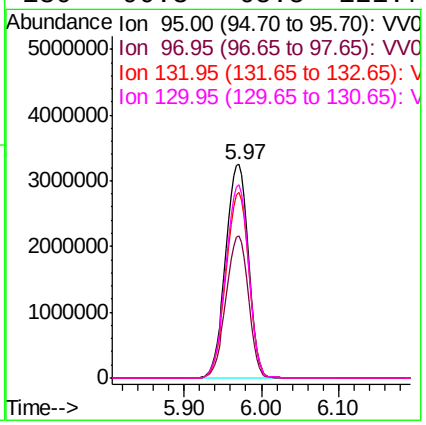


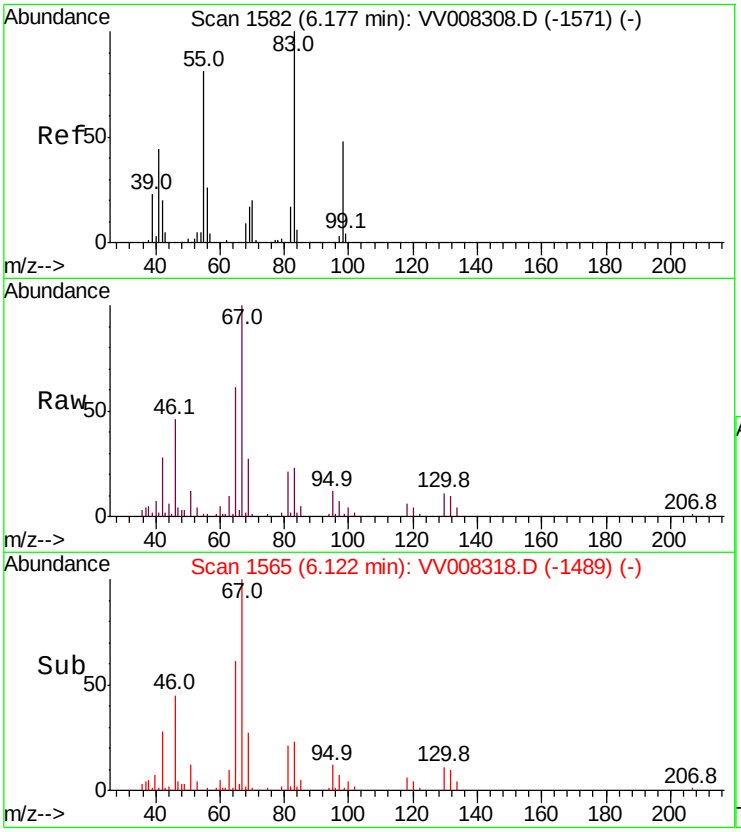


#34
Trichloroethene
Concen: 1025.111 ug/L
RT: 5.97 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 95 Resp: 6599322

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.4	82.4
132	86.8	60.4	112.2
130	90.3	65.5	121.7



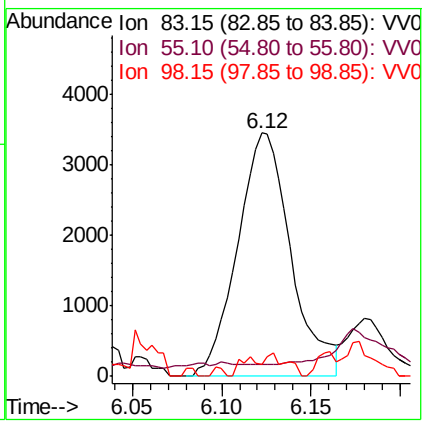


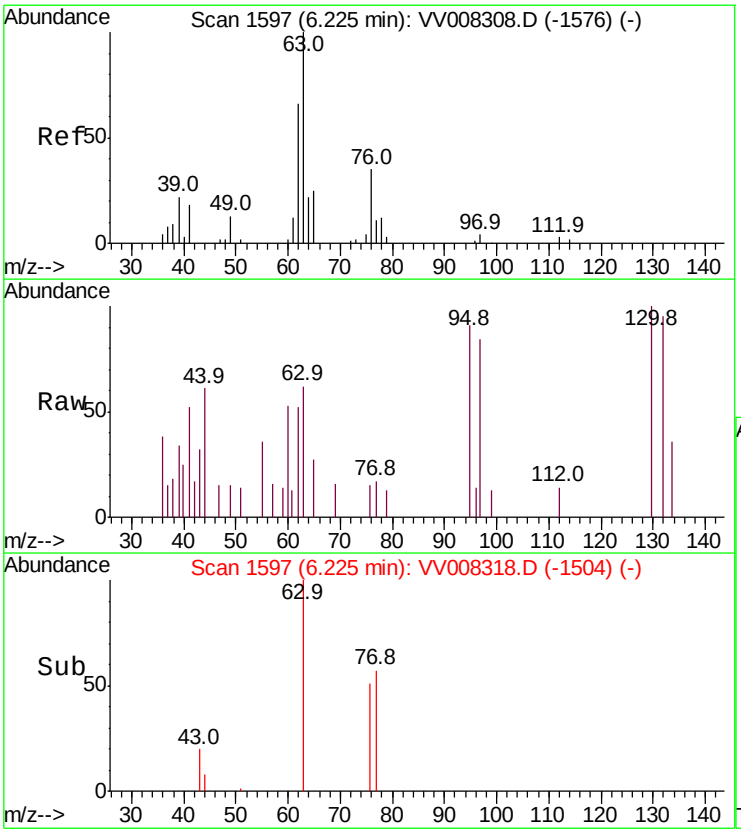
#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 83 Resp: 7227

Ion	Ratio	Lower	Upper
83	100		
55	0.9	64.0	96.0#
98	0.0	37.0	55.4#

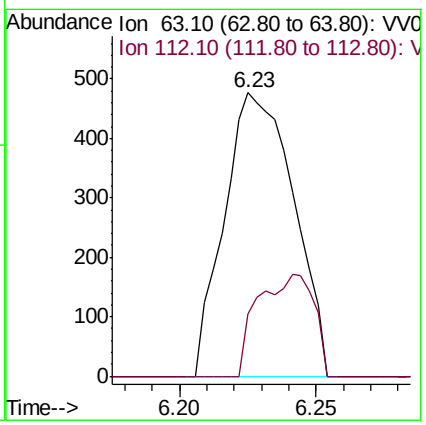


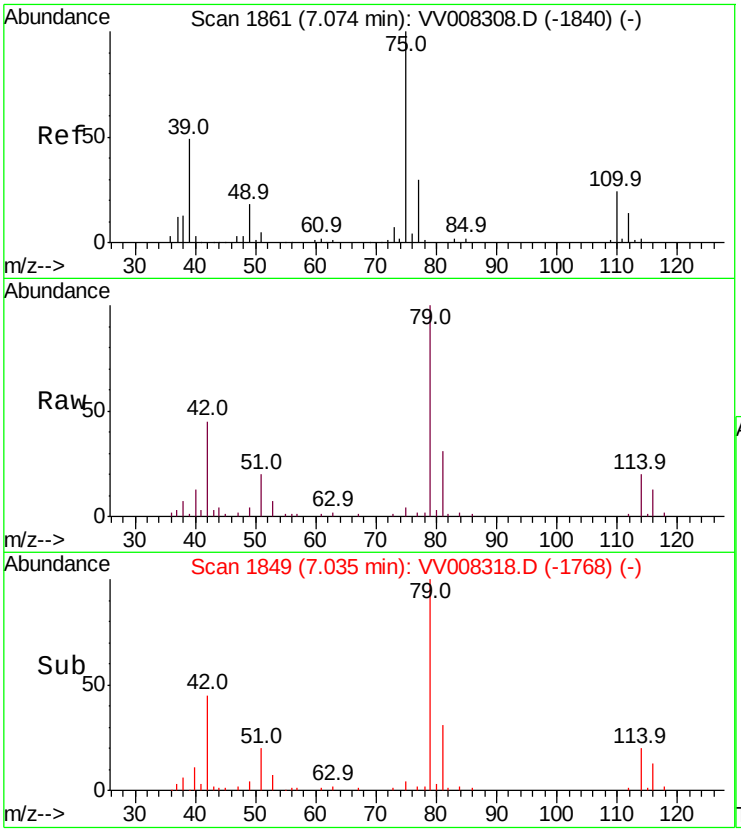


#37
1,2-Dichloropropane
Concen: 0.134 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 63 Resp: 841

Ion	Ratio	Lower	Upper
63	100		
112	28.8	2.6	3.8#



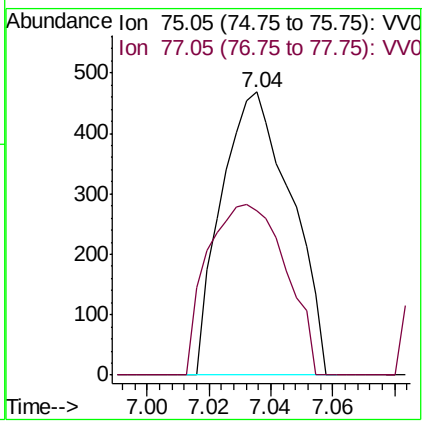


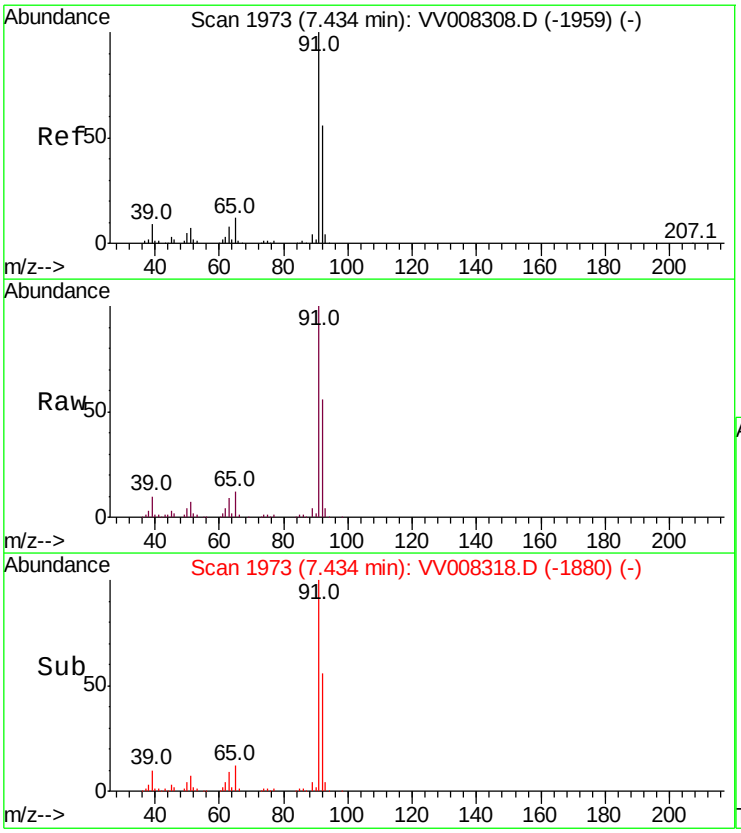
#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion: 75 Resp: 734

Ion	Ratio	Lower	Upper
75	100		
77	58.3	22.3	41.3#

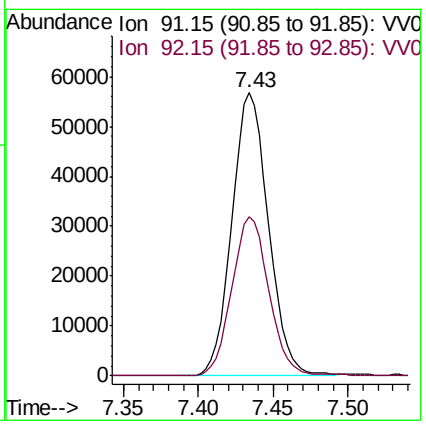


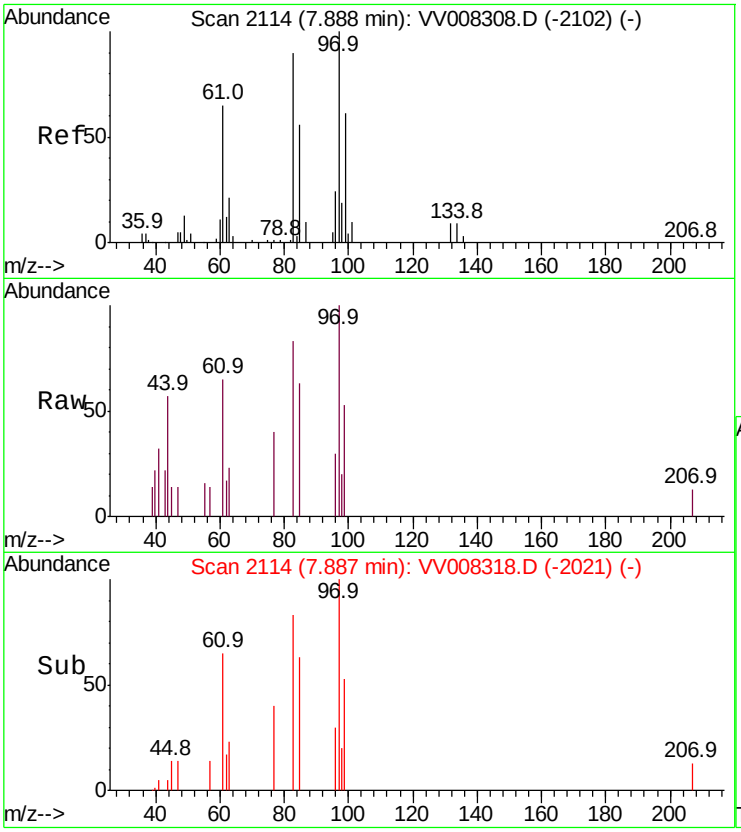


#42
Toluene
Concen: 3.992 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 91 Resp: 96660

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.1	74.5



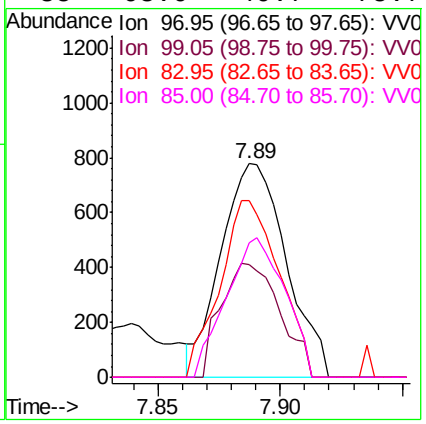


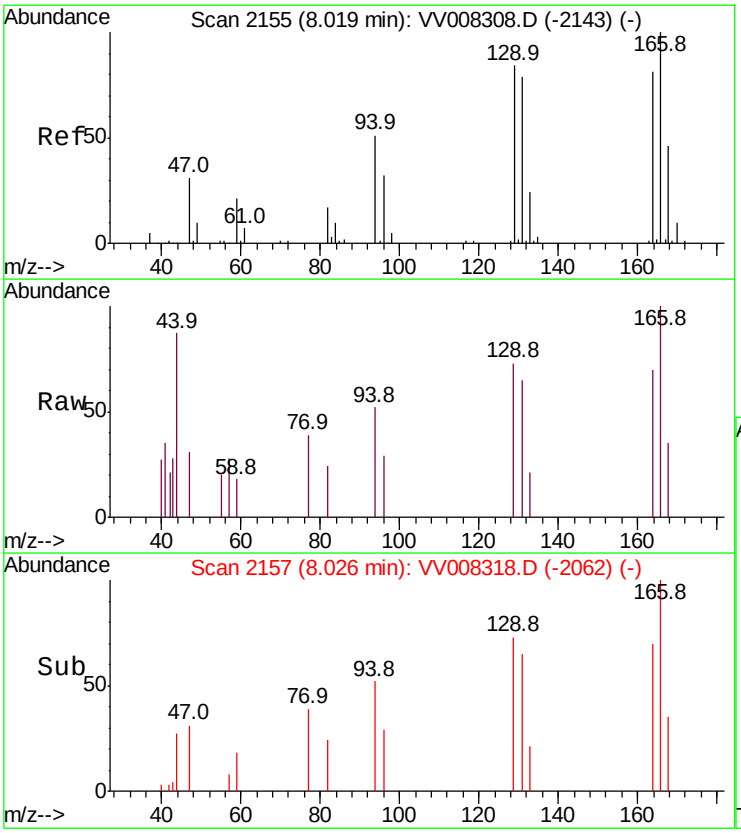
#45
1,1,2-Trichloroethane
Concen: 0.373 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 97 Resp: 1451

Ion	Ratio	Lower	Upper
97	100		
99	52.9	44.1	81.9
83	82.5	63.7	118.3
85	63.0	40.7	75.7

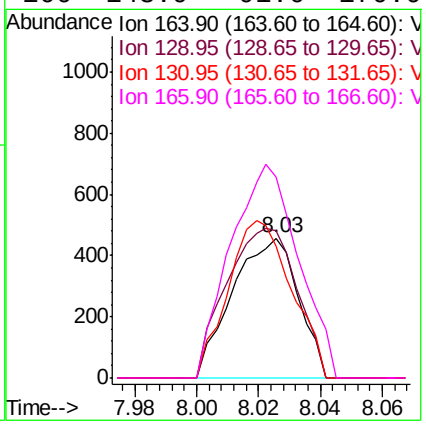


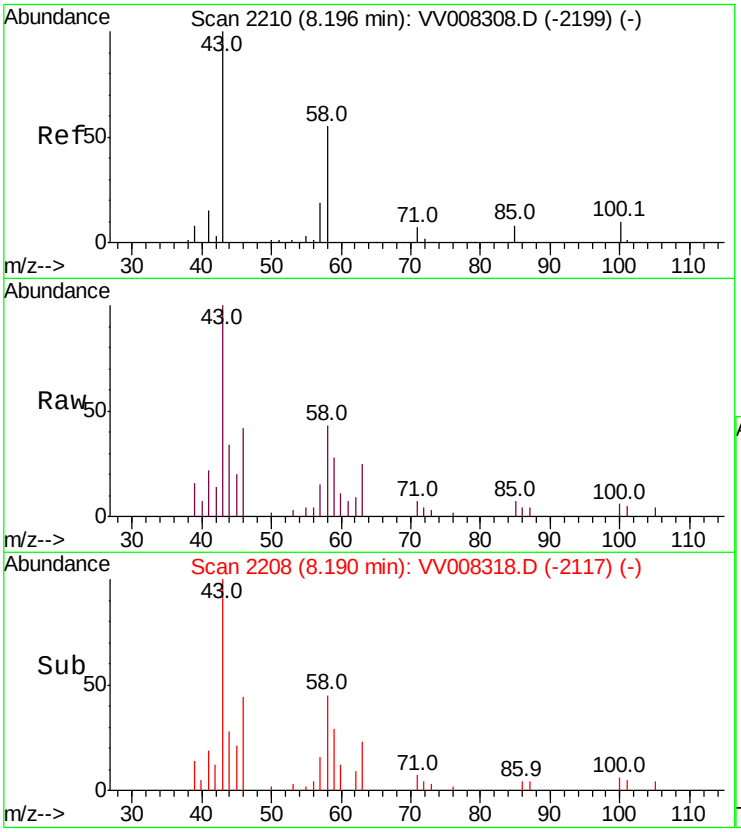


#47
Tetrachloroethene
Concen: 0.167 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:164 Resp: 672

Ion	Ratio	Lower	Upper
164	100		
129	105.3	76.5	142.1
131	94.1	74.7	138.7
166	143.9	91.6	170.0



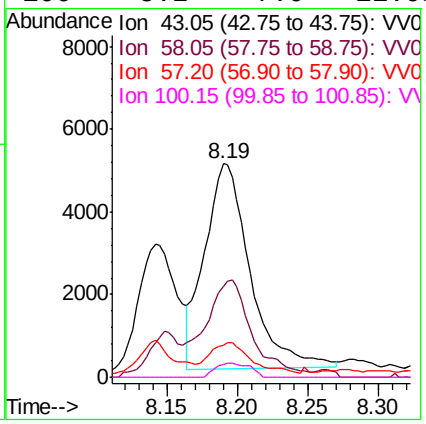


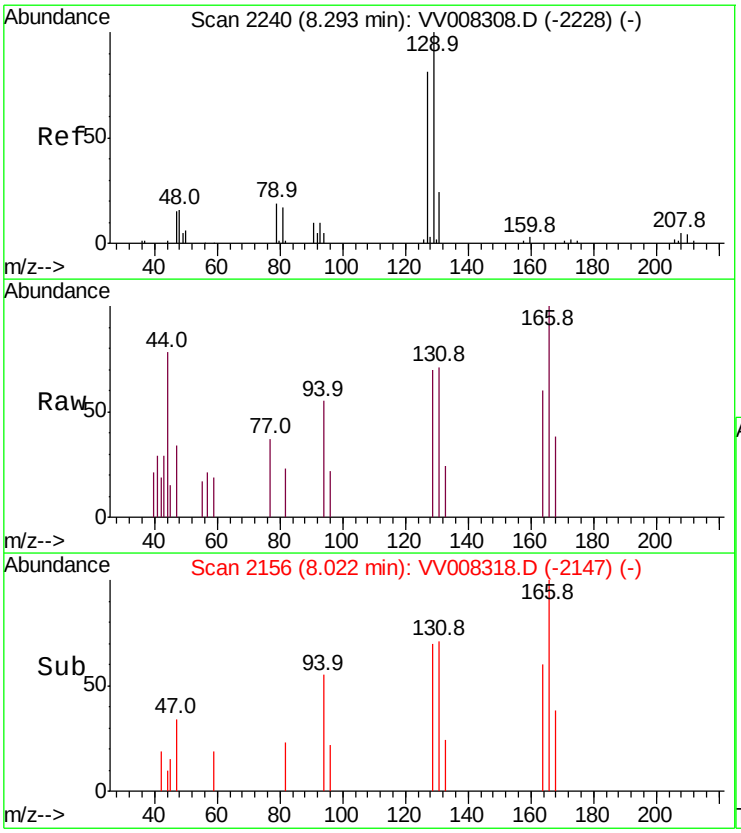
#48
2-Hexanone
Concen: 3.979 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion: 43 Resp: 11163

Ion	Ratio	Lower	Upper
43	100		
58	49.3	45.0	67.4
57	14.1	14.4	21.6#
100	5.2	7.9	11.9#

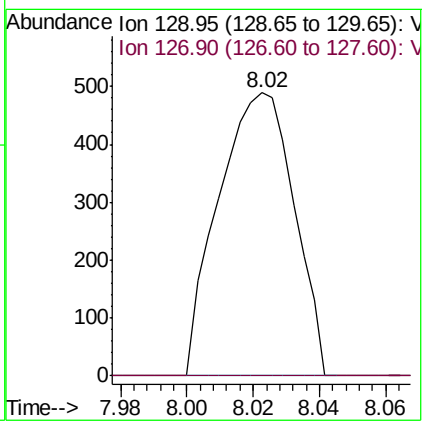


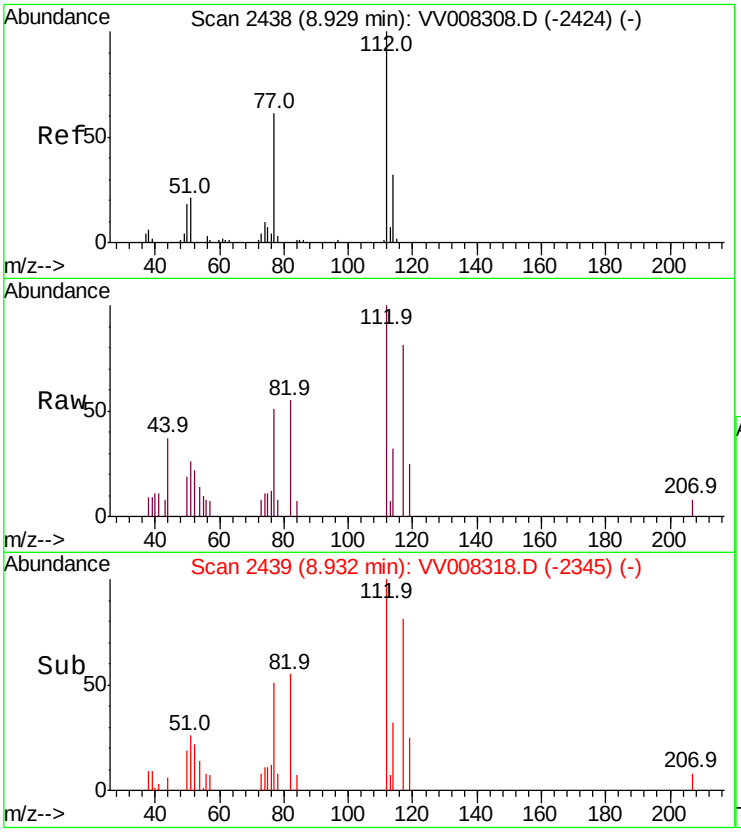


#49
Dibromochloromethane
Concen: 0.174 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:129 Resp: 773

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



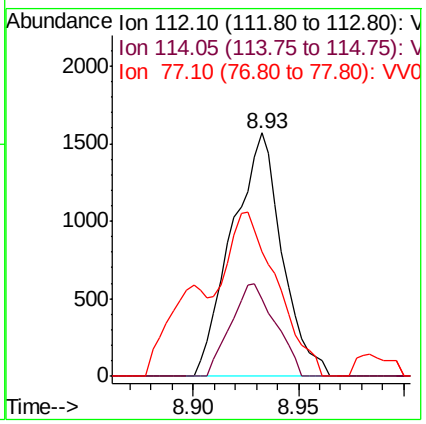


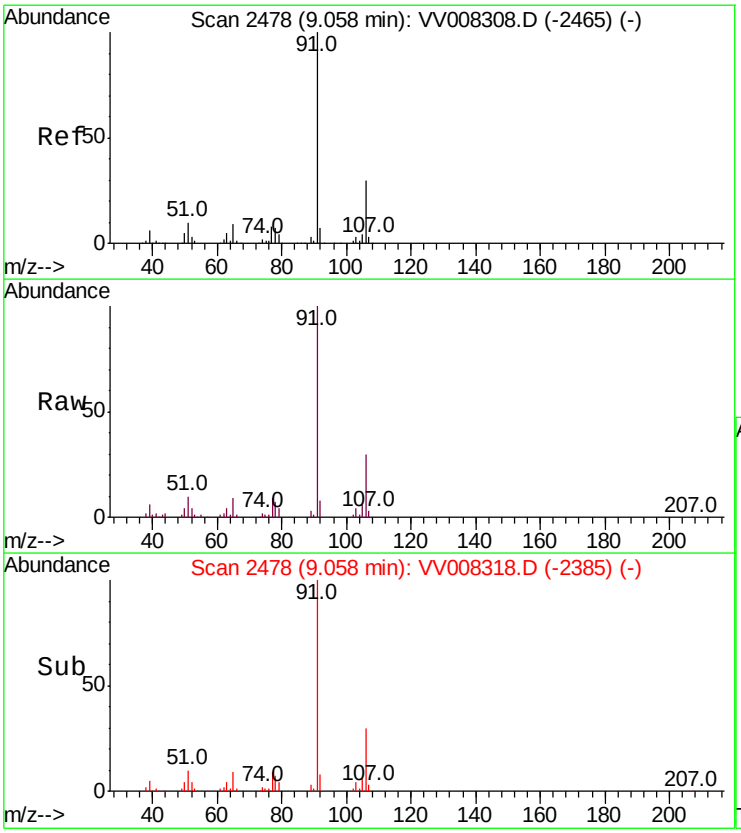
#51
Chlorobenzene
Concen: 0.180 ug/L
RT: 8.93 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion:112 Resp: 2593

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.0
77	51.2	49.7	74.5

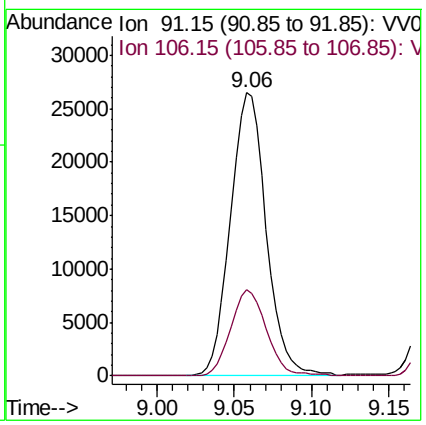


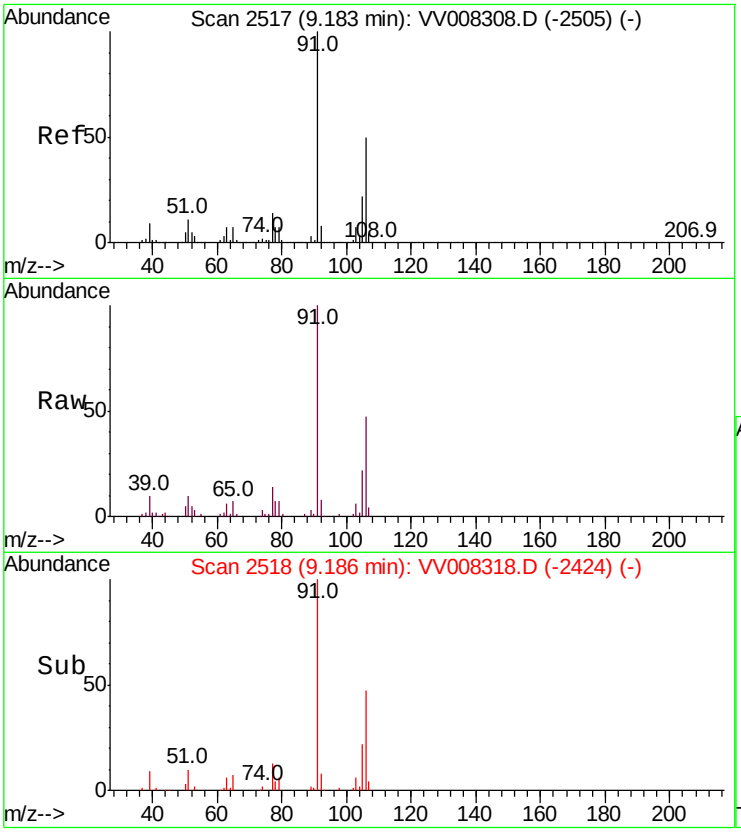


#52
Ethylbenzene
Concen: 1.600 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion: 91 Resp: 42614

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.6	40.2



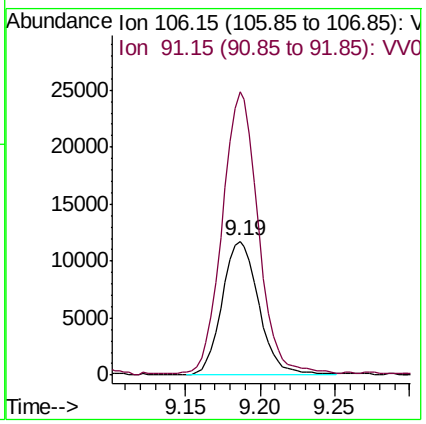


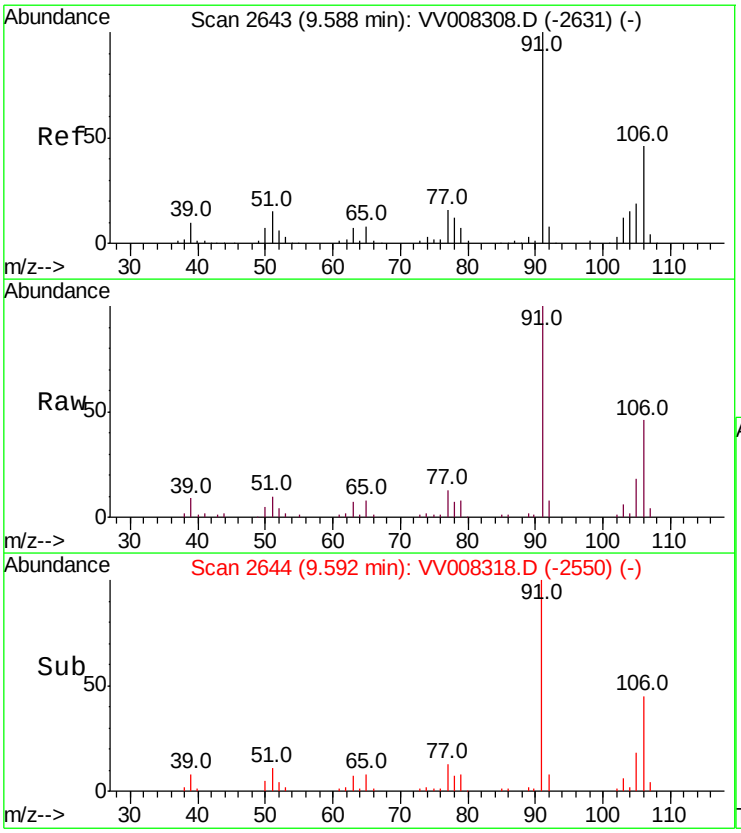
#53
m,p-xylene
Concen: 2.094 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion:106 Resp: 20169

Ion	Ratio	Lower	Upper
106	100		
91	211.0	145.2	269.6

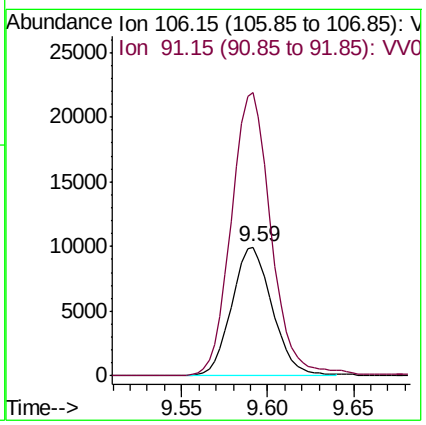


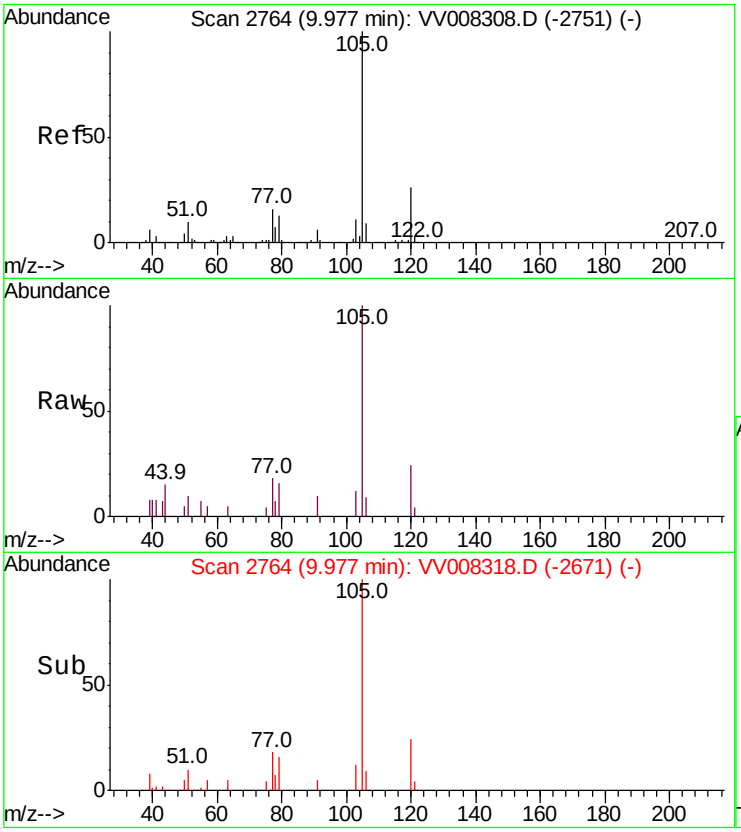


#54
o-xylene
Concen: 1.696 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:106 Resp: 16271

Ion	Ratio	Lower	Upper
106	100		
91	219.7	153.2	284.4



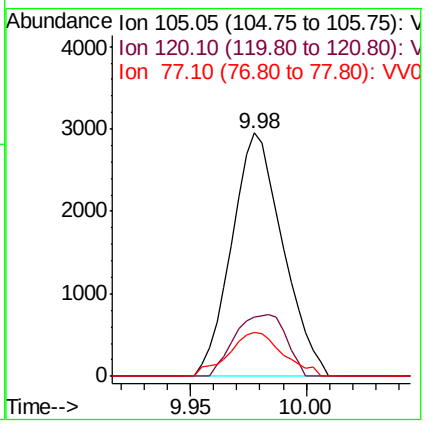


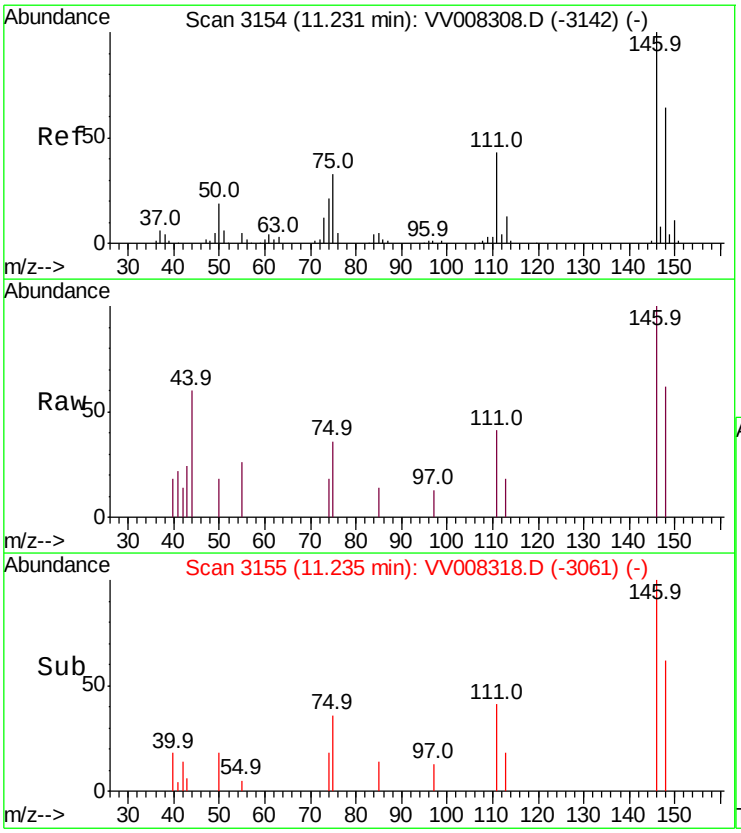
#56
Isopropylbenzene
Concen: 0.179 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument : MSVOA_V
ClientSampleId : C0JB6

Tgt Ion:105 Resp: 4516

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.2	31.8
77	19.1	13.0	19.6

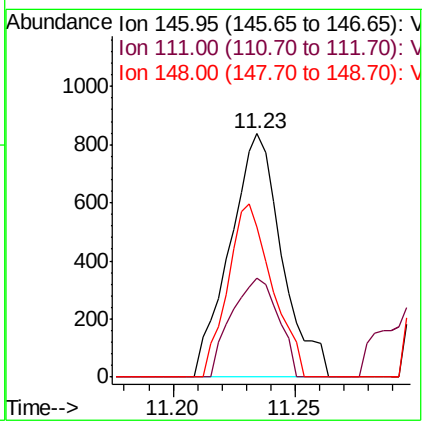


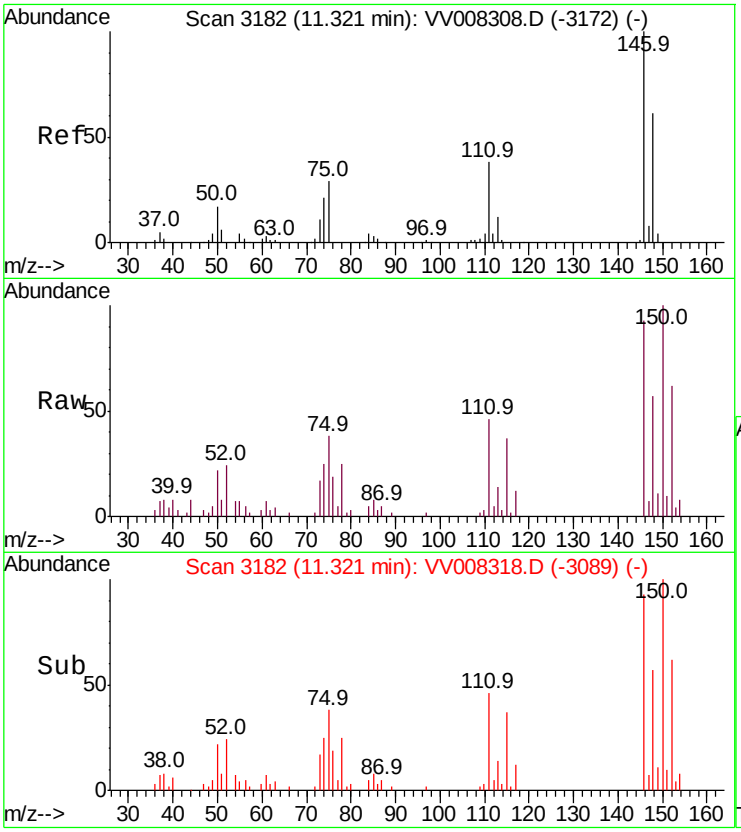


#62
1,3-Dichlorobenzene
Concen: 0.132 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:146 Resp: 1236

Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.0	52.0
148	61.7	42.9	79.7



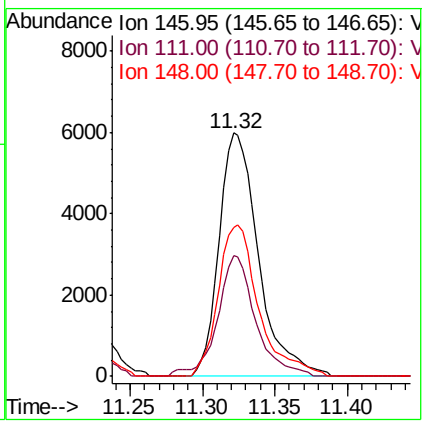


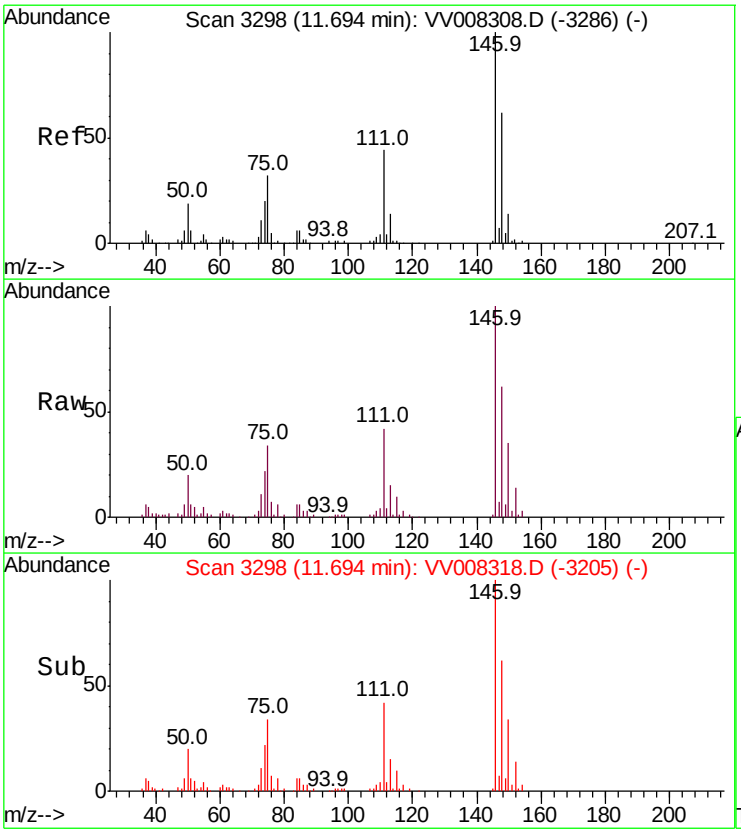
#63
1,4-Dichlorobenzene
Concen: 1.228 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C0JB6

Tgt Ion:146 Resp: 11348

Ion	Ratio	Lower	Upper
146	100		
111	49.6	30.0	55.6
148	61.4	44.5	82.7





#65
1,2-Dichlorobenzene
Concen: 6.189 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV008318.D
Acq: 17 Oct 2018 01:46

Tgt Ion:146 Resp: 55385

Ion	Ratio	Lower	Upper
146	100		
111	42.5	35.5	53.3
148	62.2	51.5	77.3