Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008317.D
Acq On : 17 Oct 2018 01:18
Operator : SY/MD
Sample : J5463-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB5

Quant Time: Oct 17 05:06:12 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	77894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29494	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43592	9.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 198.00%#			
7) Chloroethane-d5	1.58	69	16941	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.14	63	57530	6.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 136.20%#			
20) 2-Butanone-d5	3.97	46	66293	44.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.80%			
24) Chloroform-d	4.41	84	40678	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.09	65	21818	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.10	84	89705	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	6.13	67	29700	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.00%			
41) Toluene-d8	7.36	98	79348	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	7.67	79	11083	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.14	63	48182	47.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19987	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	24788	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	22724	3.712	ug/L #	41
5) Vinyl chloride	1.33	62	3282024	566.283	ug/L	99
8) Chloroethane	1.33	64	1065691	353.733	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	363	0.090	ug/L #	34
12) 1,1-Dichloroethene	2.15	96	44498	11.892	ug/L #	79
13) Acetone	2.20	43	2482	3.107	ug/L	91
15) Methyl Acetate	2.46	43	377	0.190	ug/L #	50
17) Methyl tert-butyl Ether	2.81	73	16411	1.544	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	26719	6.637	ug/L	96
19) 1,1-Dichloroethane	3.23	63	36473	4.385	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	11298732	1738.252	ug/L #	95
25) Chloroform	4.43	83	1595	0.156	ug/L	78
27) 1,2-Dichloroethane	5.19	62	941	0.155	ug/L #	60
33) Benzene	5.16	78	3109	0.129	ug/L	100
34) Trichloroethene	5.97	95	6503065	973.472	ug/L	97
35) Methylcyclohexane	6.12	83	6847	0.608	ug/L #	18
37) 1,2-Dichloropropane	6.22	63	789	0.121	ug/L #	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008317.D
Acq On : 17 Oct 2018 01:18
Operator : SY/MD
Sample : J5463-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB5

Quant Time: Oct 17 05:06:12 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)
39) cis-1,3-Dichloropropene	7.04	75	673	0.073	ug/L	#	35
42) Toluene	7.43	91	94697	3.769	ug/L		100
45) 1,1,2-Trichloroethane	7.89	97	1461	0.362	ug/L	#	82
47) Tetrachloroethene	8.02	164	919	0.220	ug/L		86
48) 2-Hexanone	8.19	43	9844	3.381	ug/L	#	86
49) Dibromochloromethane	8.03	129	922	0.200	ug/L	#	10
51) Chlorobenzene	8.93	112	2479	0.166	ug/L		94
52) Ethylbenzene	9.06	91	41583	1.505	ug/L		97
53) m,p-xylene	9.19	106	20638	2.065	ug/L		87
54) o-xylene	9.59	106	15259	1.533	ug/L		99
56) Isopropylbenzene	9.98	105	4777	0.182	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	1351	0.135	ug/L	#	86
63) 1,4-Dichlorobenzene	11.32	146	11070	1.120	ug/L		97
65) 1,2-Dichlorobenzene	11.69	146	55215	5.769	ug/L		97

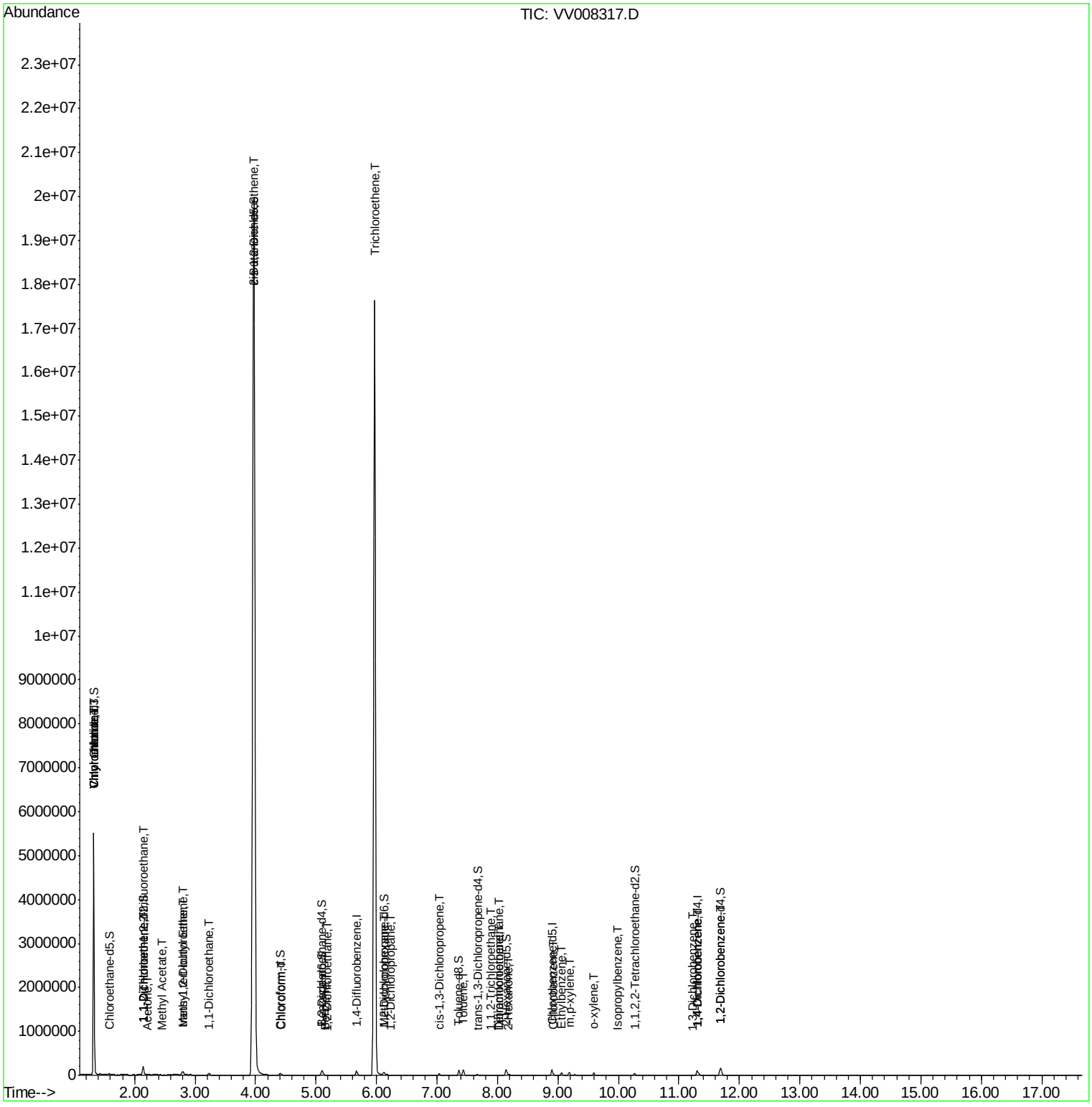
(#) = qualifier out of range (m) = manual integration (+) = signals summed

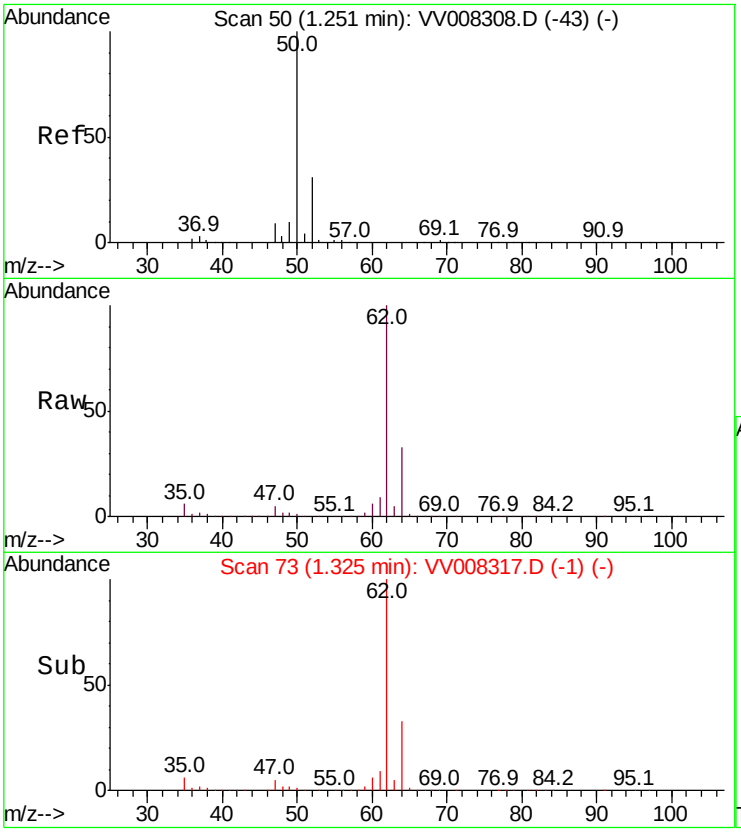
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008317.D
Acq On : 17 Oct 2018 01:18
Operator : SY/MD
Sample : J5463-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB5

Quant Time: Oct 17 05:06:12 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



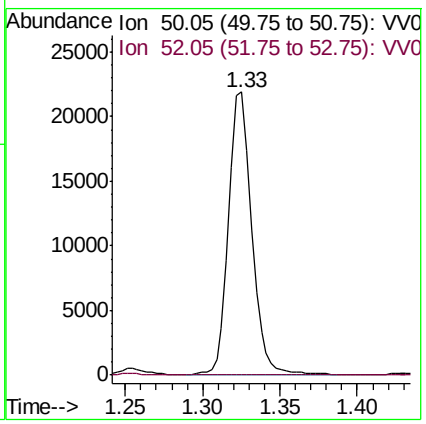


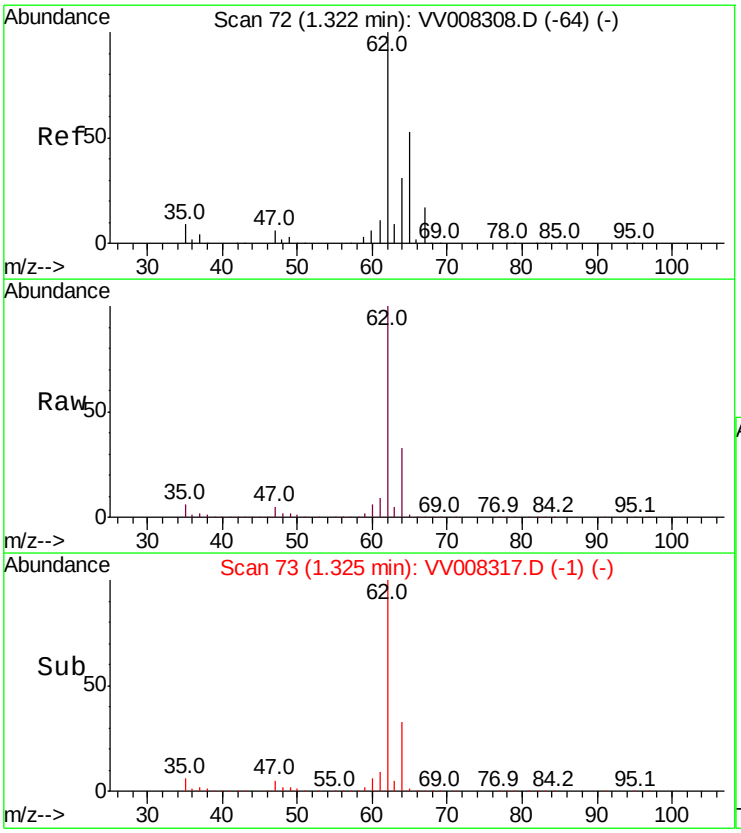
#3
Chloromethane
Concen: 3.712 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.07 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion: 50 Resp: 22724

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.7	43.9#

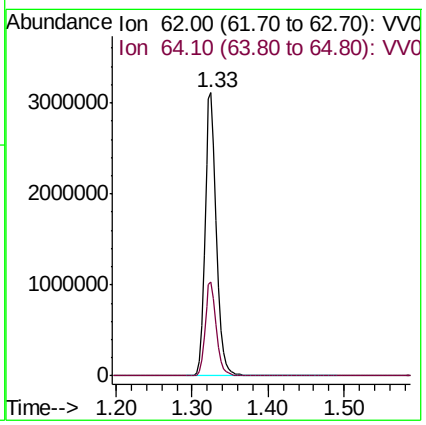


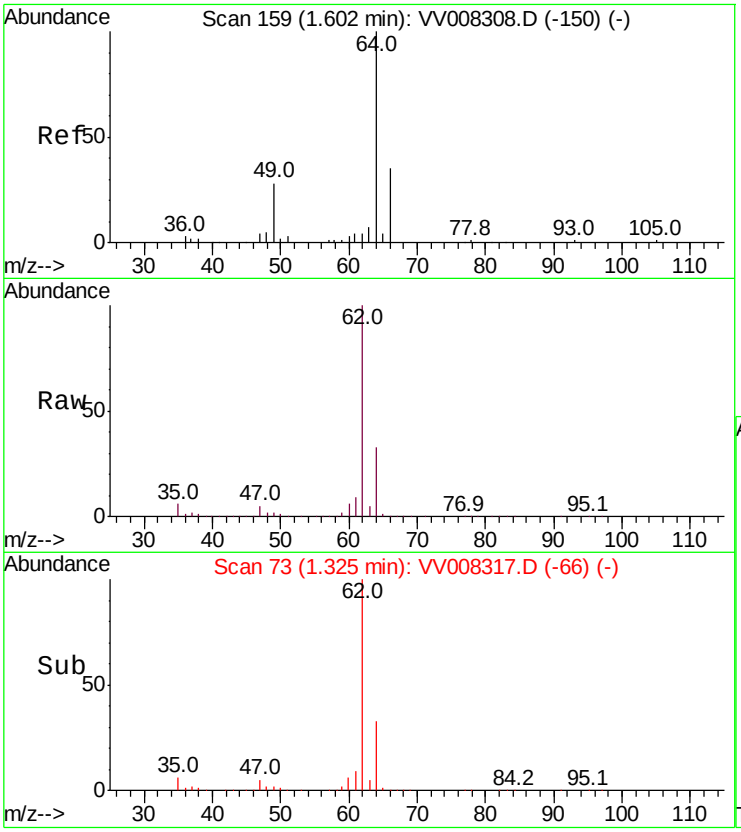


#5
Vinyl chloride
Concen: 566.283 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 62 Resp: 3282024

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.9	42.5



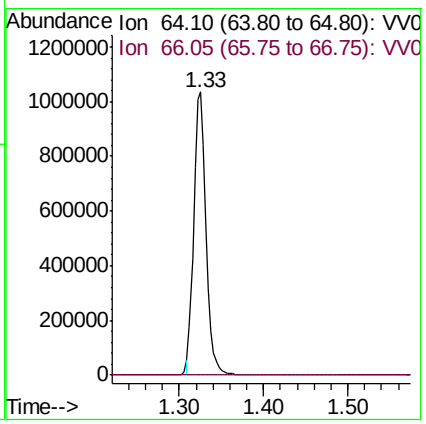


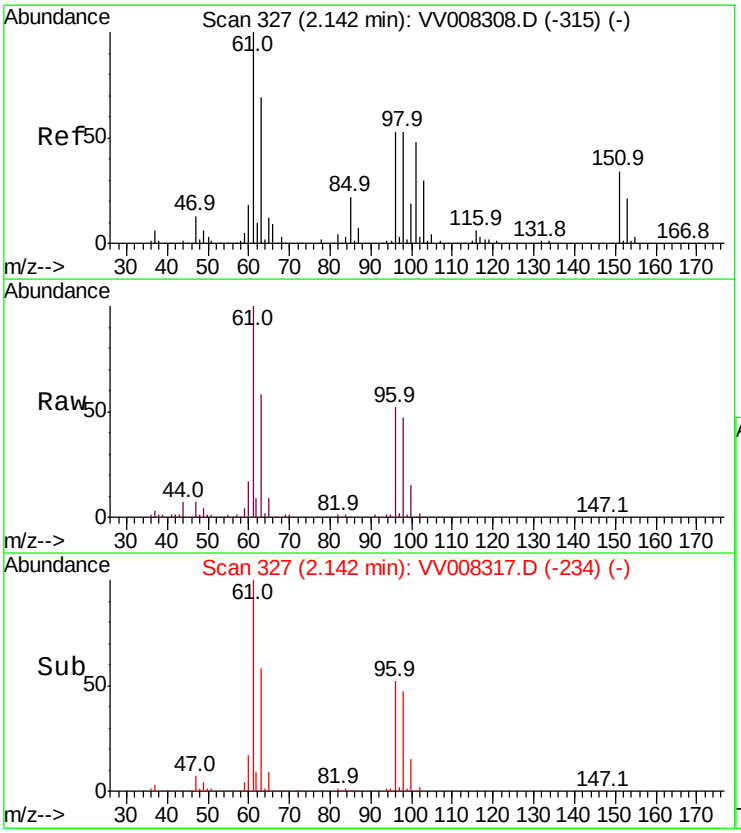
#8
Chloroethane
Concen: 353.733 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.28 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 64 Resp: 1065691

Ion	Ratio	Lower	Upper
64	100		
66	0.1	22.5	41.9#

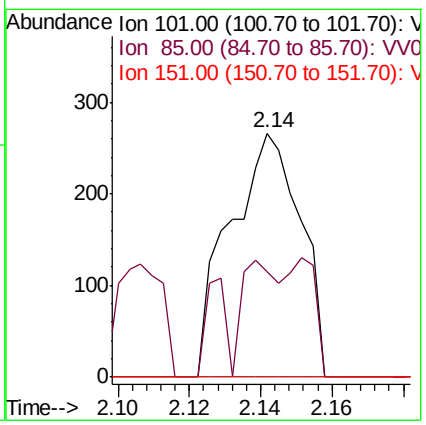


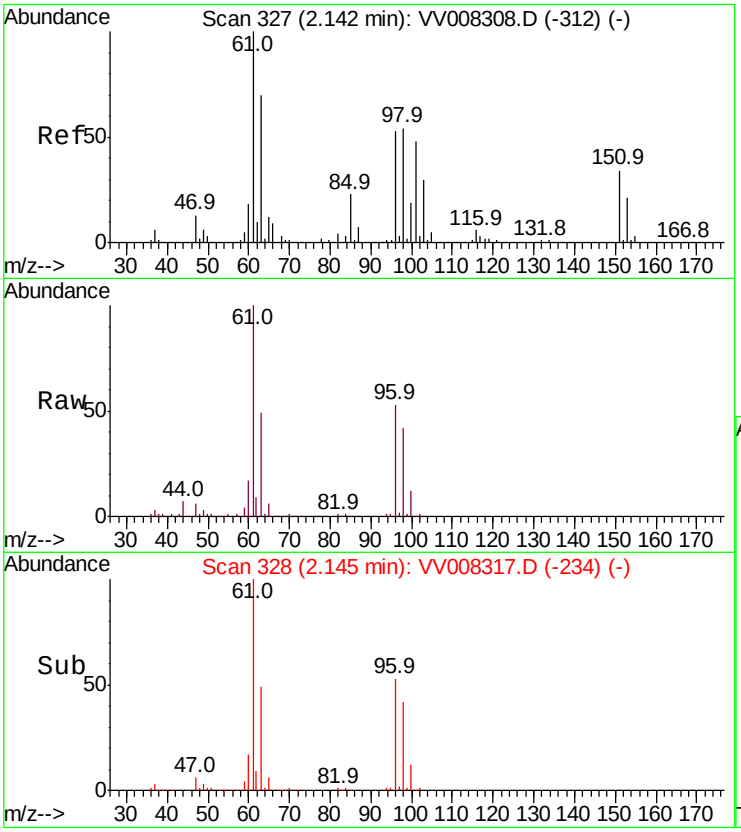


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion:101 Resp: 363

Ion	Ratio	Lower	Upper
101	100		
85	24.5	37.4	56.2#
151	0.0	59.0	88.6#



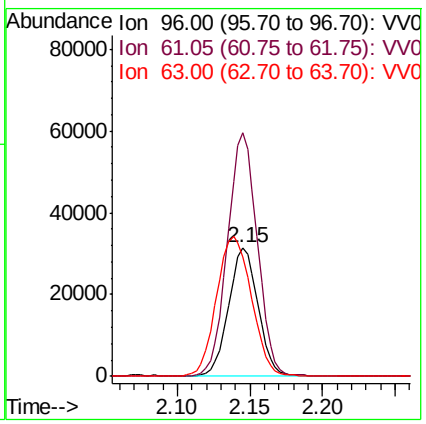


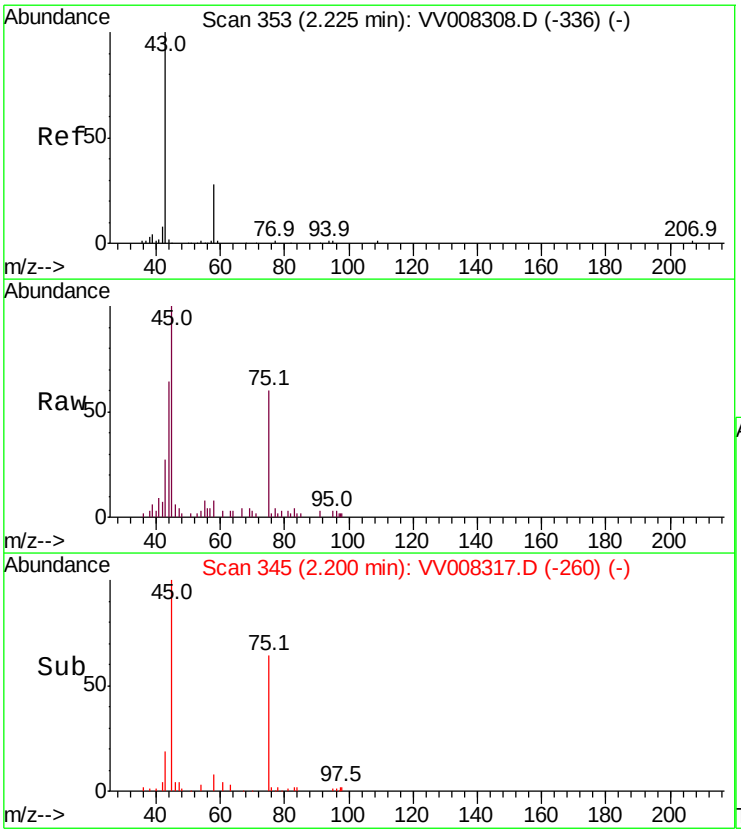
#12
1,1-Dichloroethene
Concen: 11.892 ug/L
RT: 2.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion: 96 Resp: 44498

Ion	Ratio	Lower	Upper
96	100		
61	189.5	129.9	241.3
63	92.6	103.0	191.4#

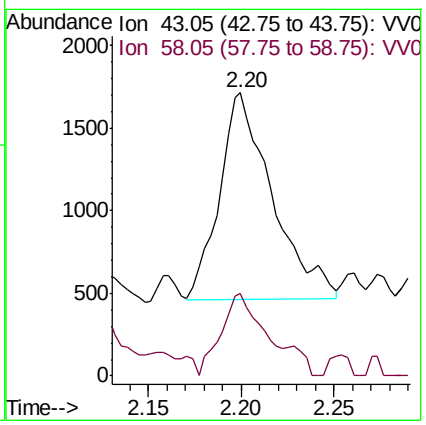


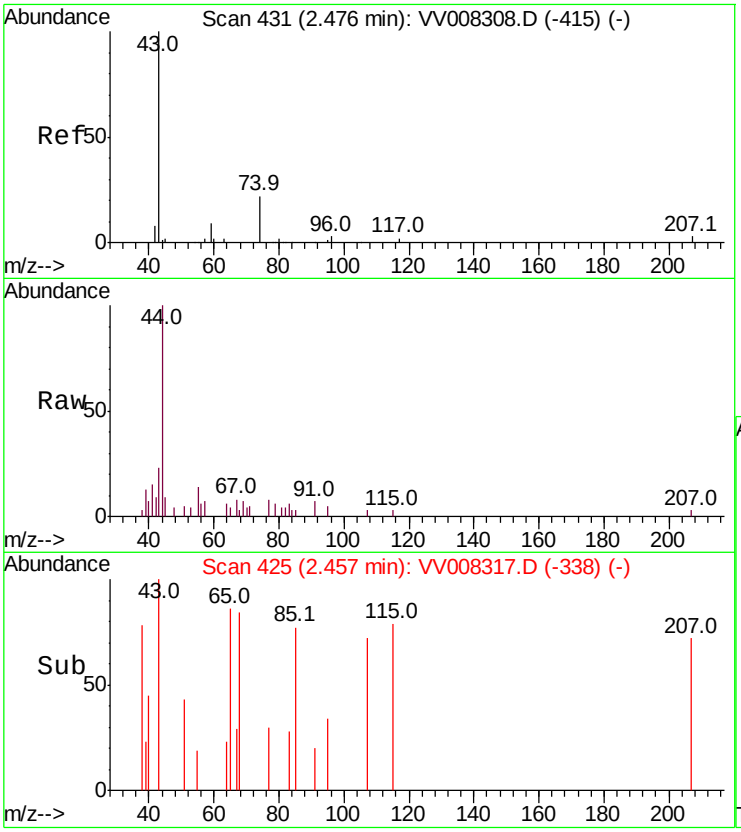


#13
Acetone
Concen: 3.107 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.03 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 43 Resp: 2482

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	62.0



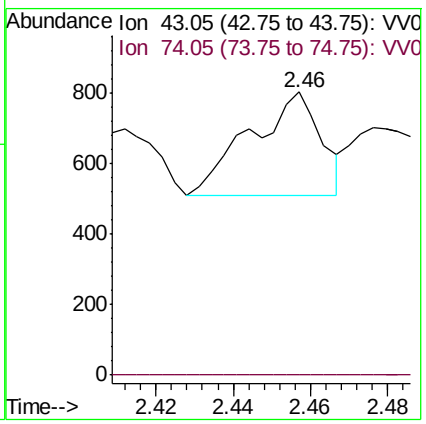


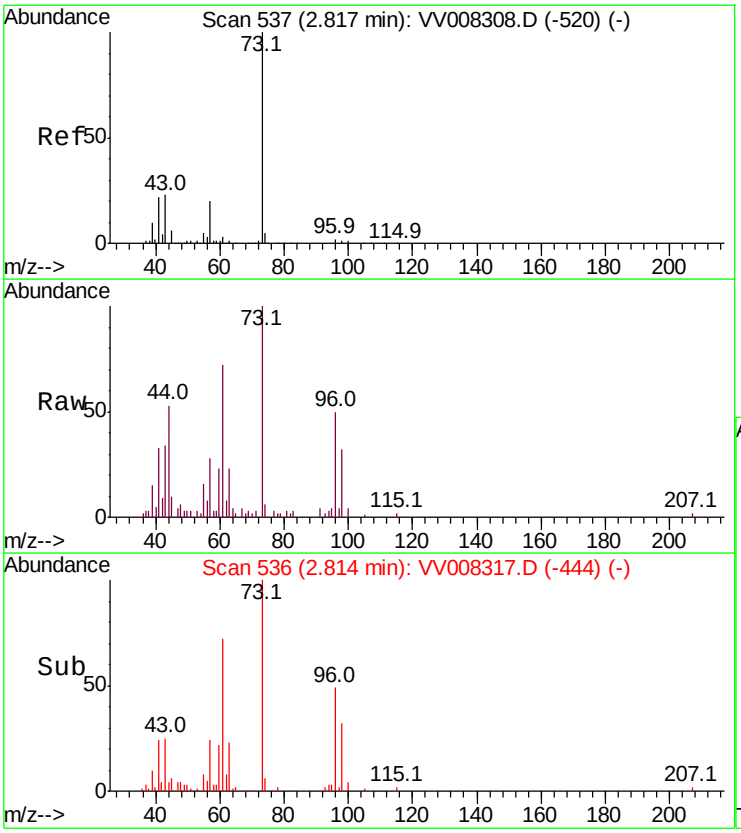
#15
Methyl Acetate
Concen: 0.190 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.02 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 43 Resp: 377

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#

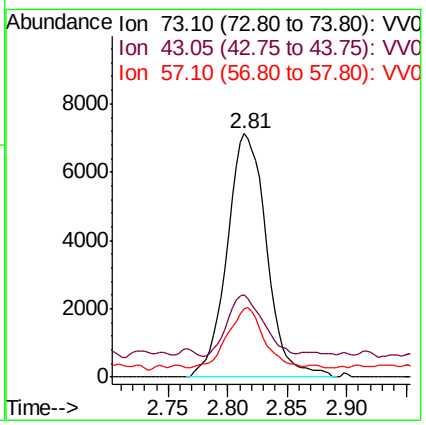


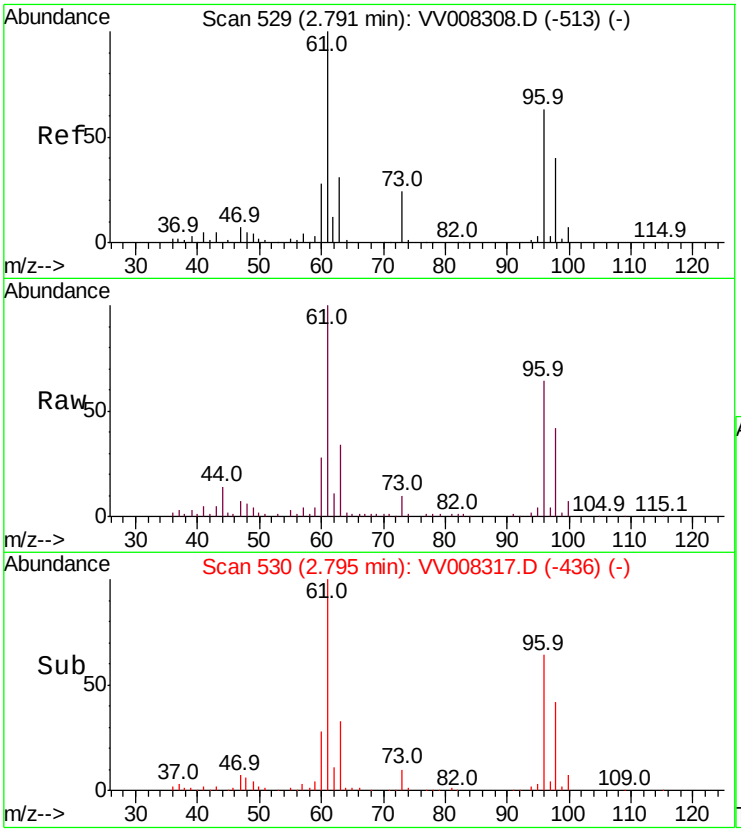


#17
Methyl tert-butyl Ether
Concen: 1.544 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 73 Resp: 16411

Ion	Ratio	Lower	Upper
73	100		
43	22.9	19.0	28.6
57	22.8	18.2	27.2



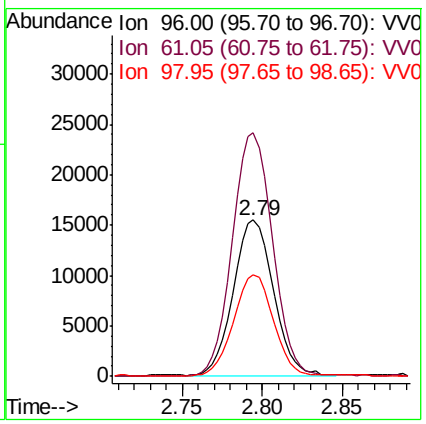


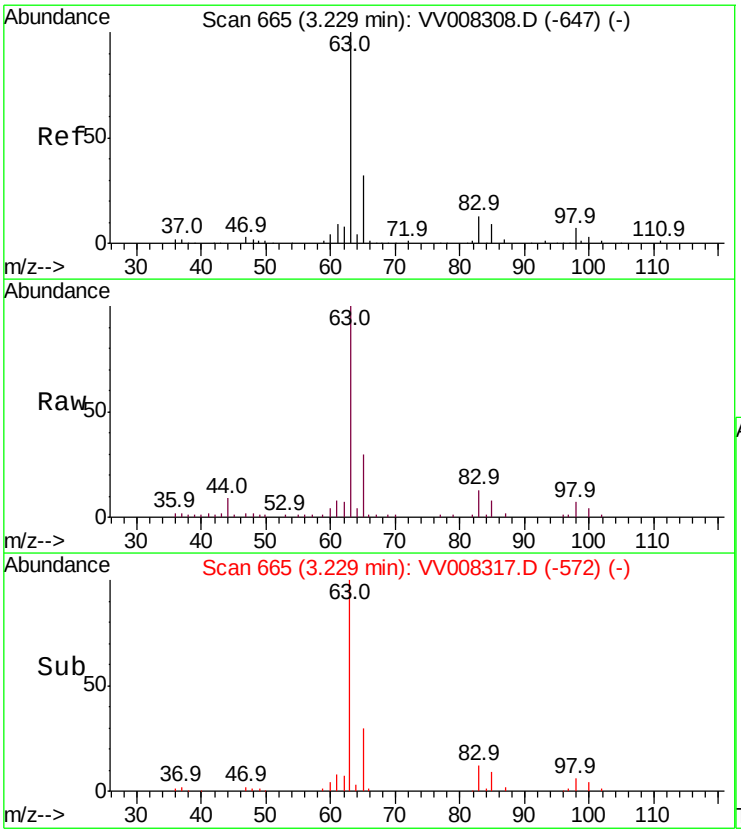
#18
trans-1,2-Dichloroethene
Concen: 6.637 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 96 Resp: 26719

Ion	Ratio	Lower	Upper
96	100		
61	155.7	104.6	194.2
98	65.2	44.1	81.9

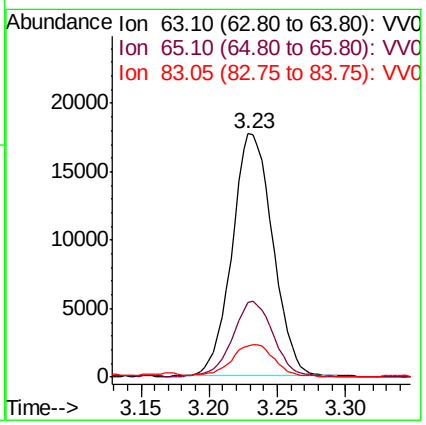


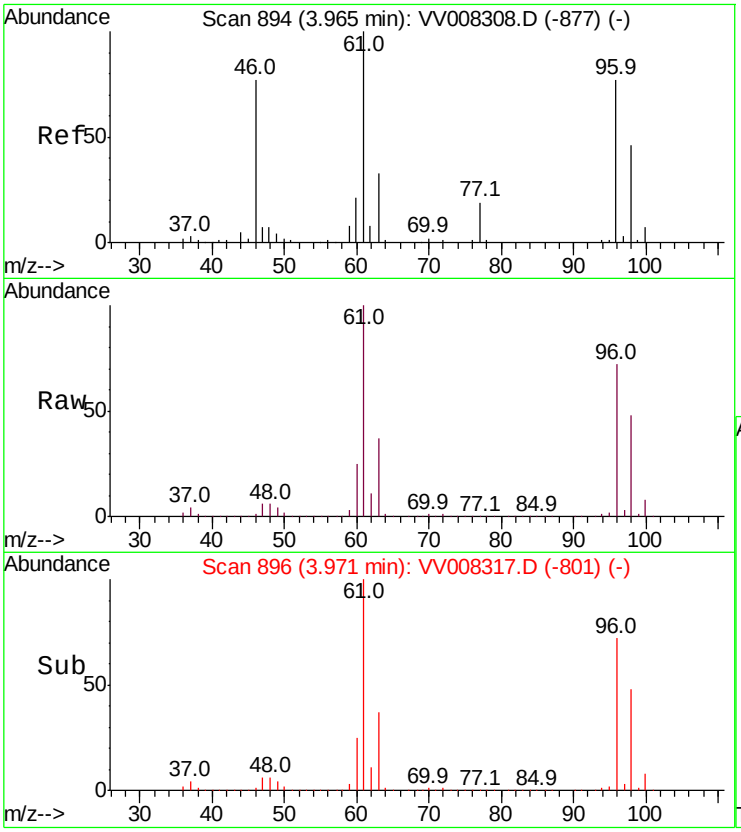


#19
1,1-Dichloroethane
Concen: 4.385 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 63 Resp: 36473

Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.6	42.0
83	12.9	11.0	20.4



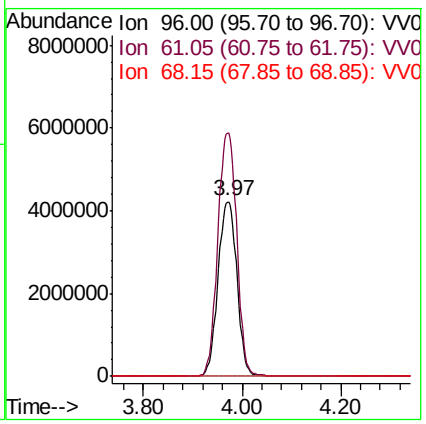


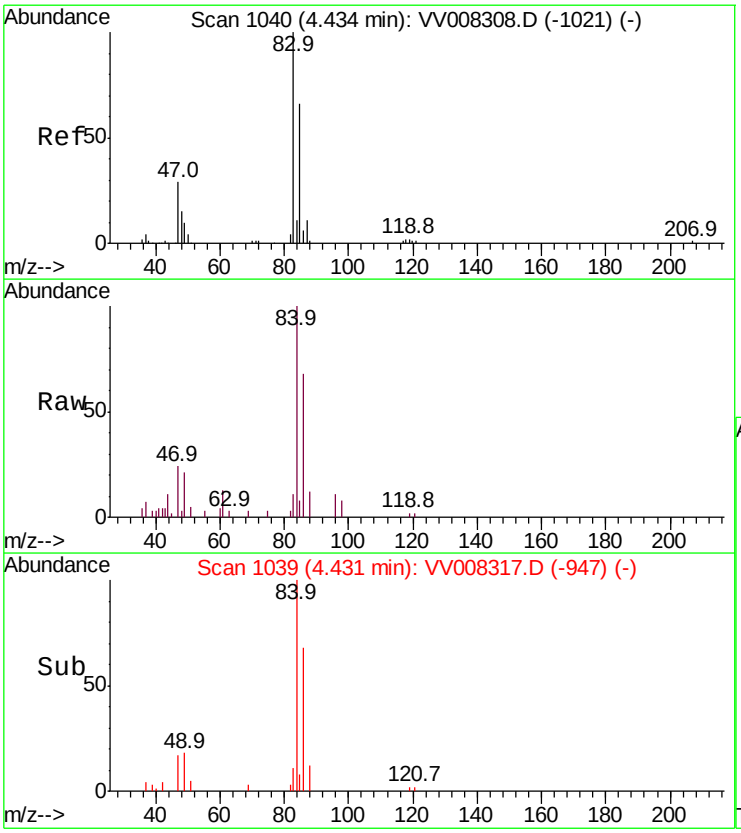
#22
cis-1,2-Dichloroethene
Concen: 1738.252 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 96 Resp:11298732

Ion	Ratio	Lower	Upper
96	100		
61	139.4	93.7	174.1
68	0.0	0.6	1.2#

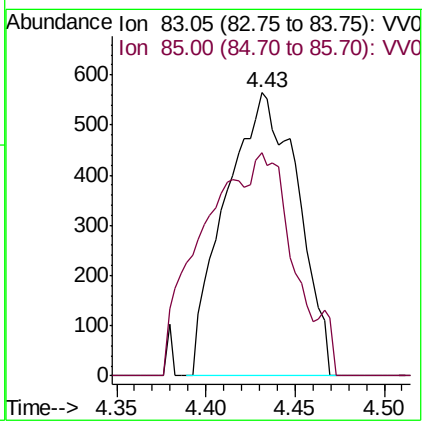


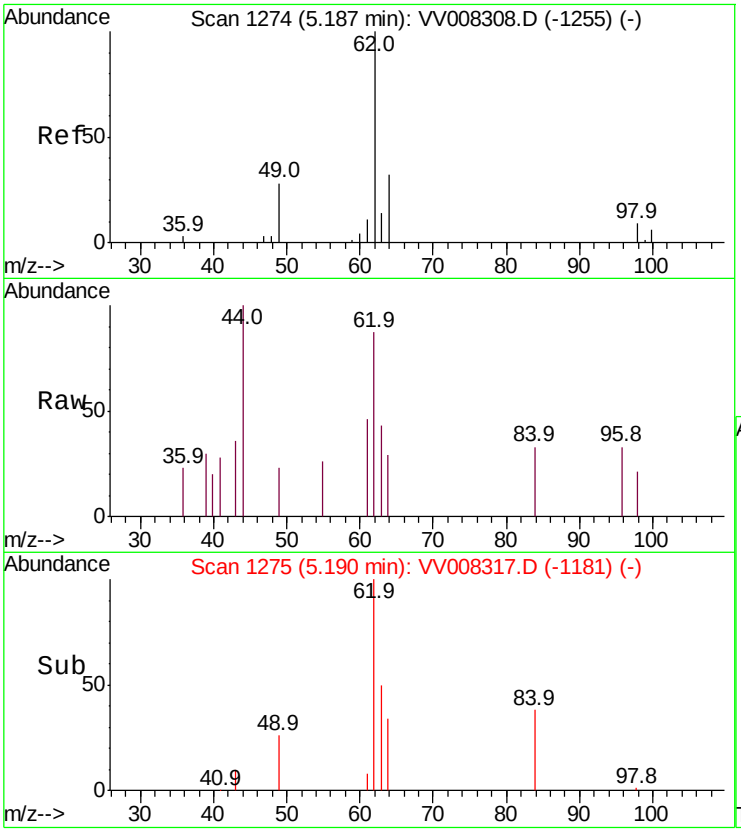


#25
Chloroform
Concen: 0.156 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 83 Resp: 1595

Ion	Ratio	Lower	Upper
83	100		
85	78.9	43.4	80.6



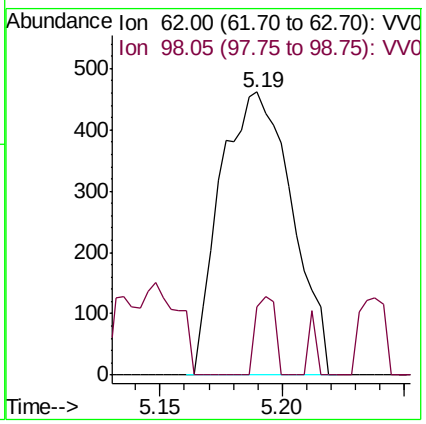


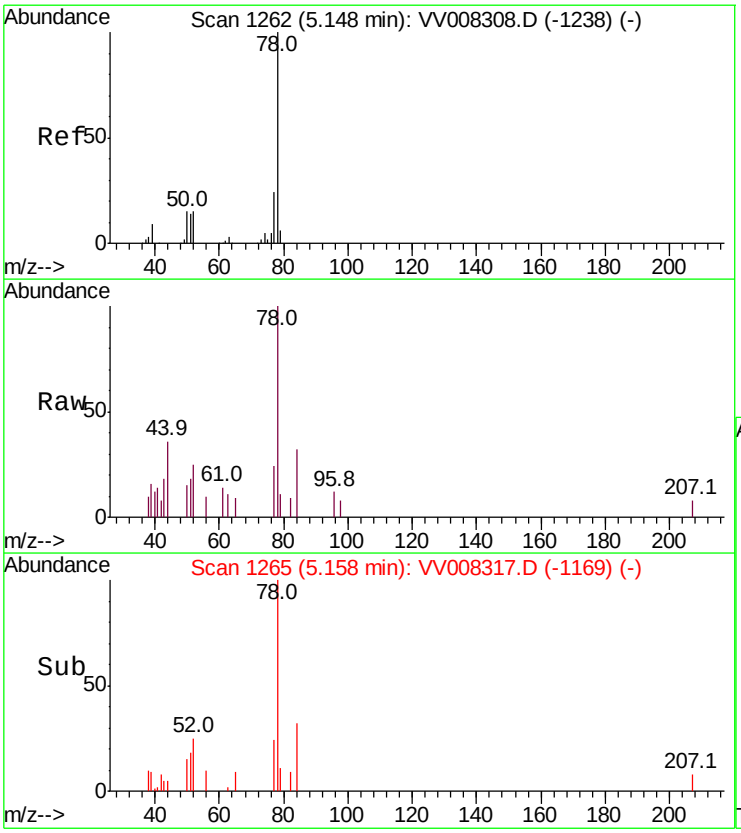
#27
1,2-Dichloroethane
Concen: 0.155 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 62 Resp: 941

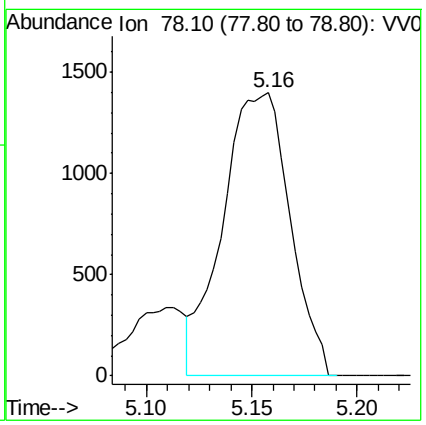
Ion	Ratio	Lower	Upper
62	100		
98	24.0	7.6	11.4#

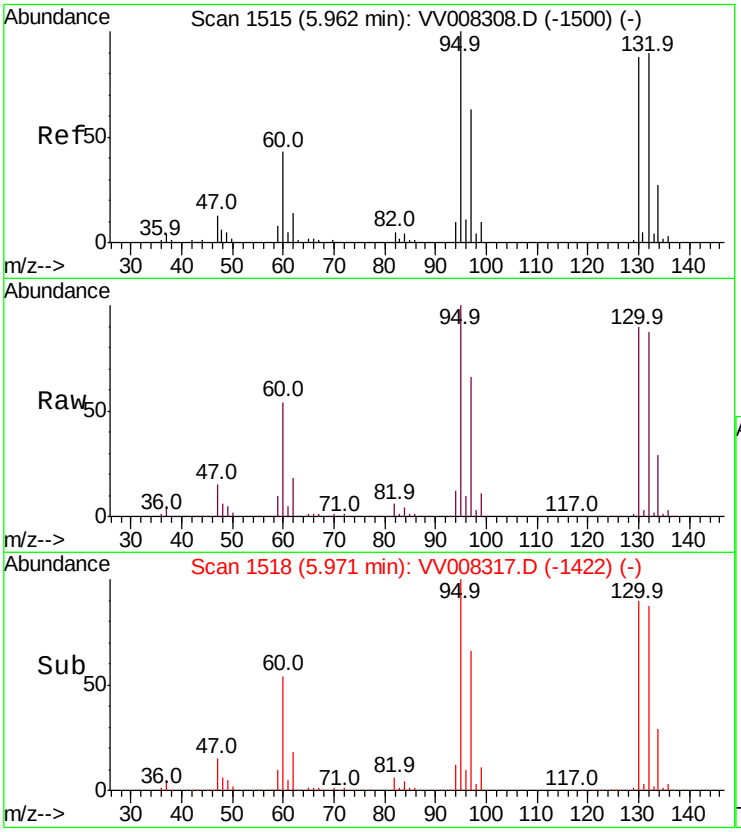




#33
Benzene
Concen: 0.129 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 78 Resp: 3109



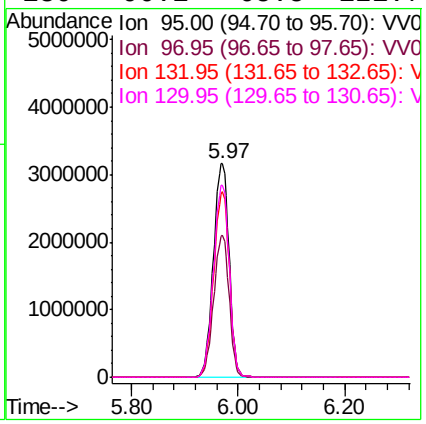


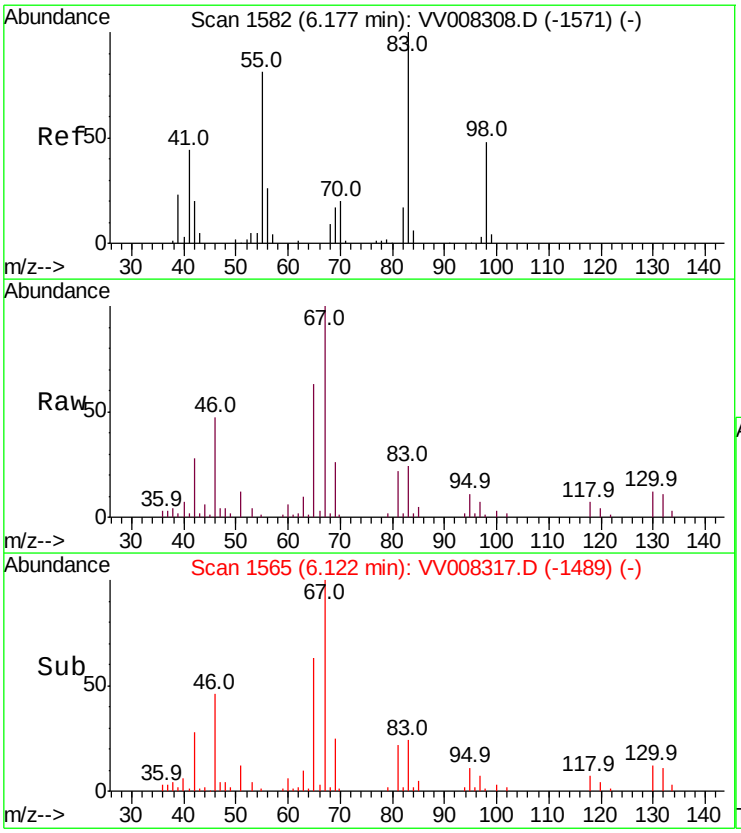
#34
Trichloroethene
Concen: 973.472 ug/L
RT: 5.97 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 95 Resp: 6503065

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.4	82.4
132	86.8	60.4	112.2
130	90.1	65.5	121.7

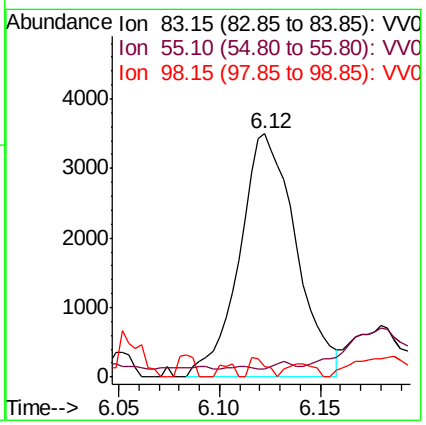


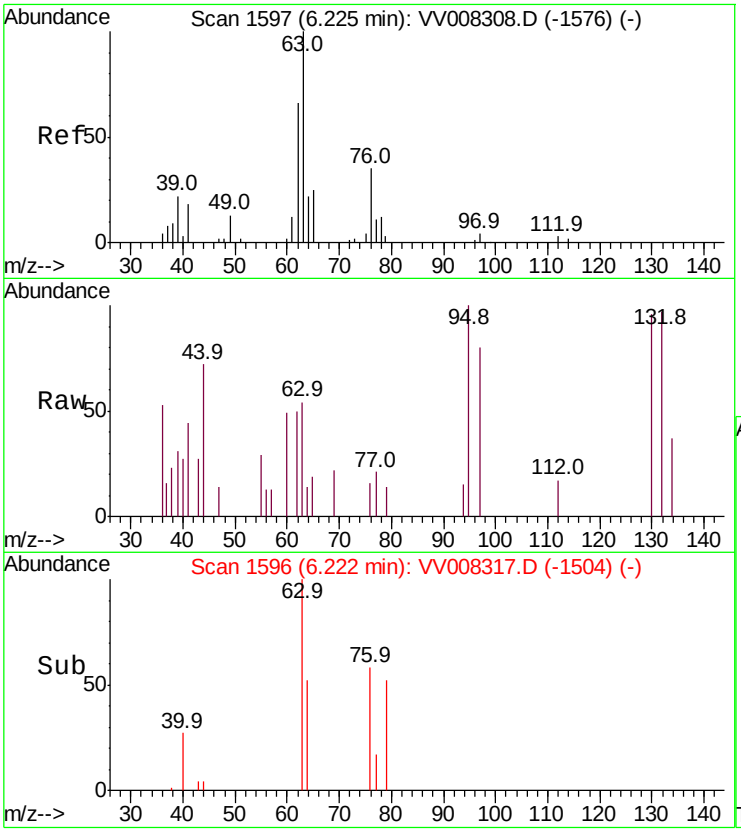


#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 83 Resp: 6847

Ion	Ratio	Lower	Upper
83	100		
55	1.0	64.0	96.0#
98	0.0	37.0	55.4#



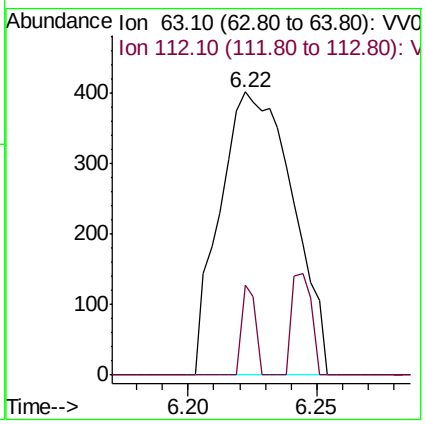


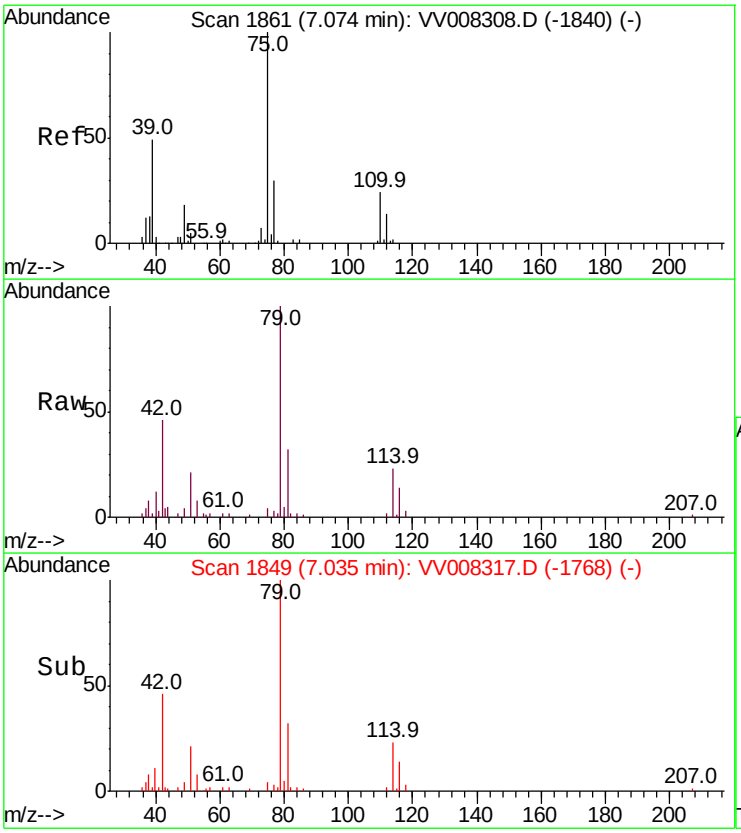
#37
1,2-Dichloropropane
Concen: 0.121 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion: 63 Resp: 789

Ion	Ratio	Lower	Upper
63	100		
112	5.8	2.6	3.8#

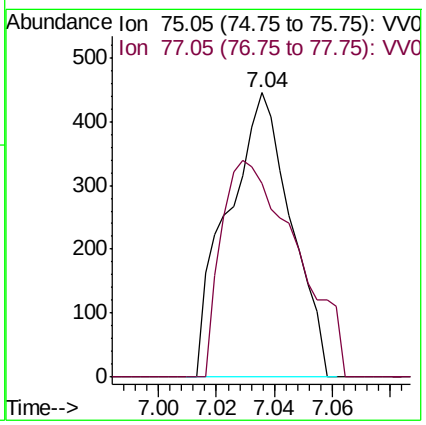


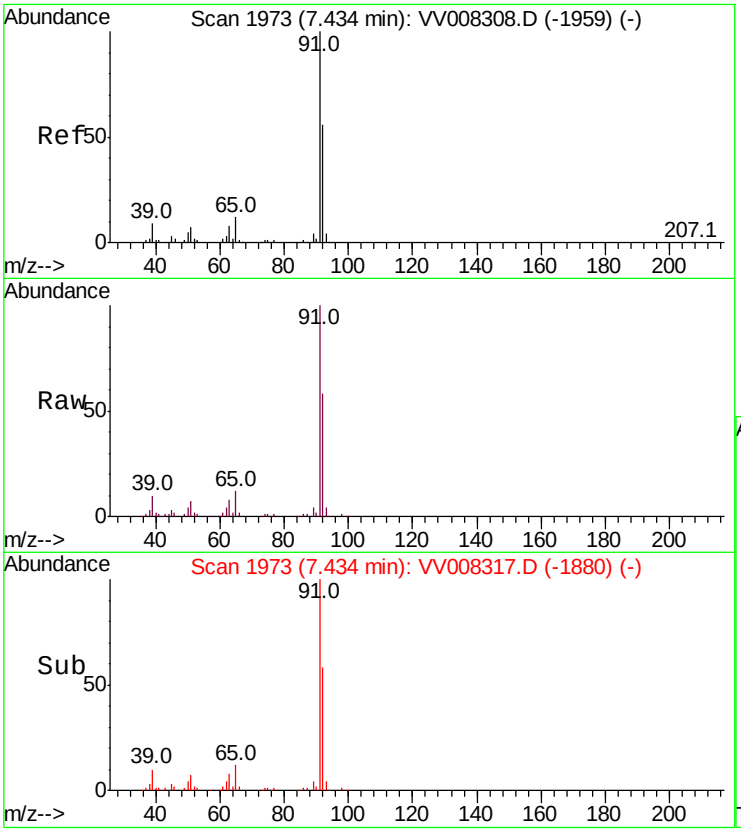


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 75 Resp: 673

Ion	Ratio	Lower	Upper
75	100		
77	67.9	22.3	41.3#



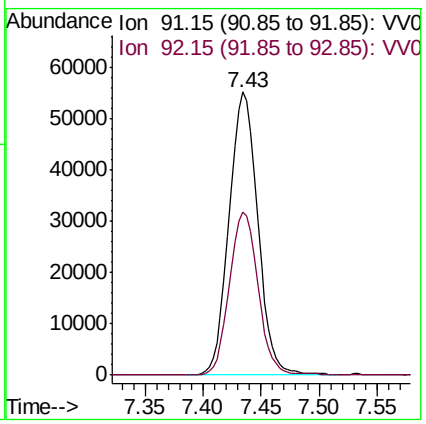


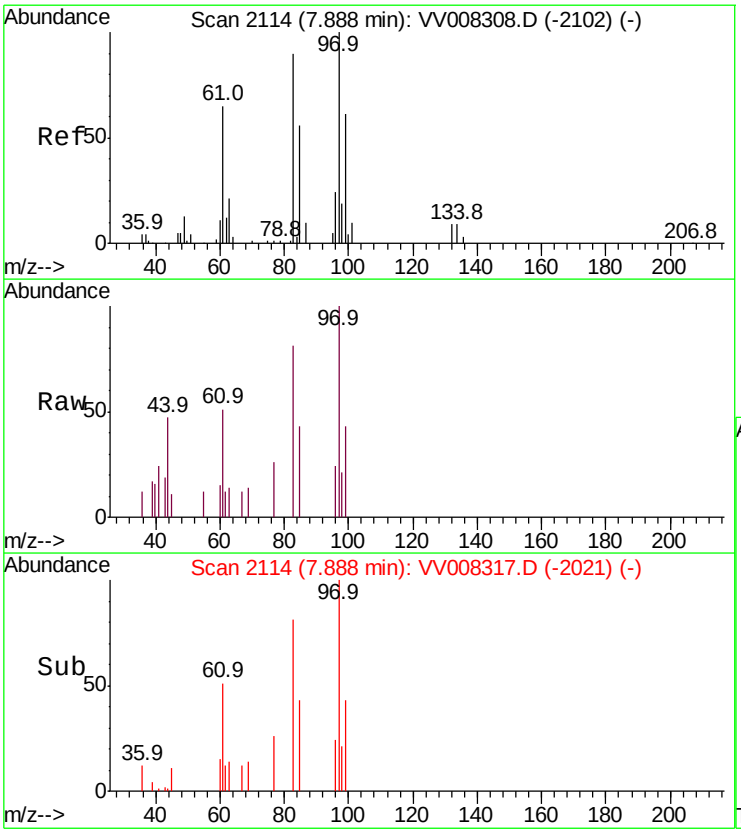
#42
Toluene
Concen: 3.769 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion: 91 Resp: 94697

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.1	74.5

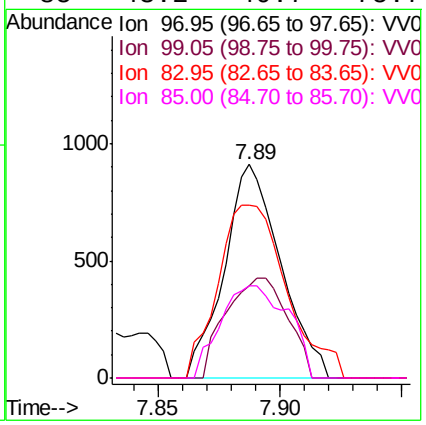


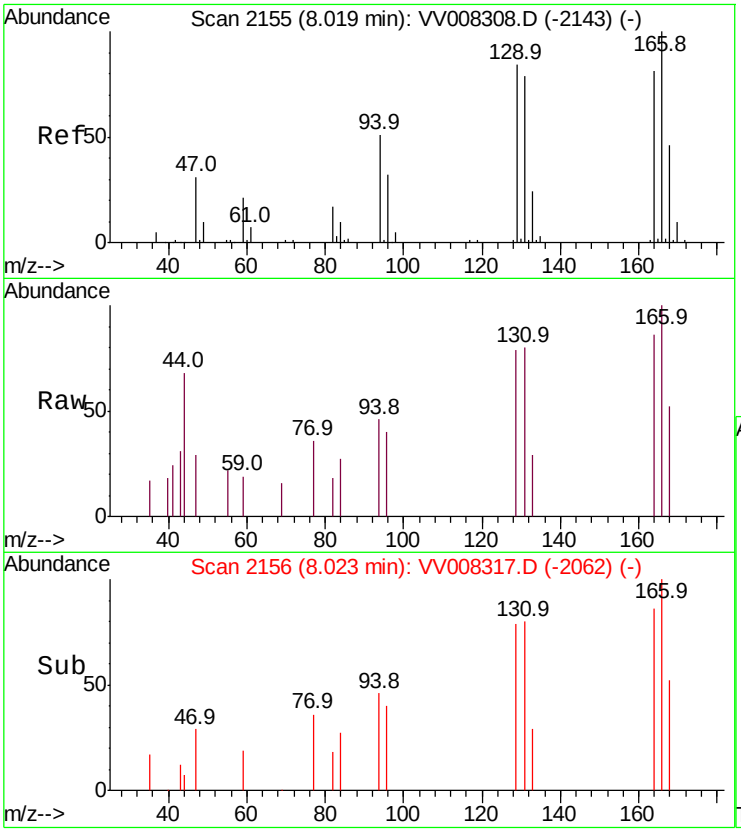


#45
1,1,2-Trichloroethane
Concen: 0.362 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 97 Resp: 1461

Ion	Ratio	Lower	Upper
97	100		
99	43.0	44.1	81.9#
83	80.9	63.7	118.3
85	43.2	40.7	75.7



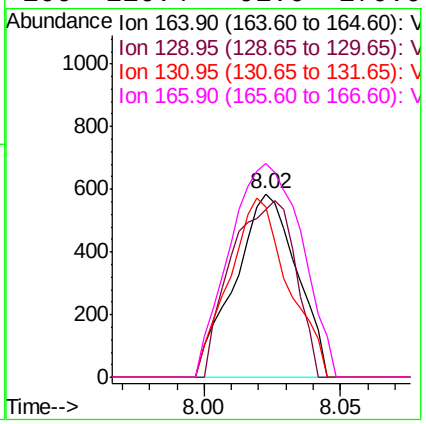


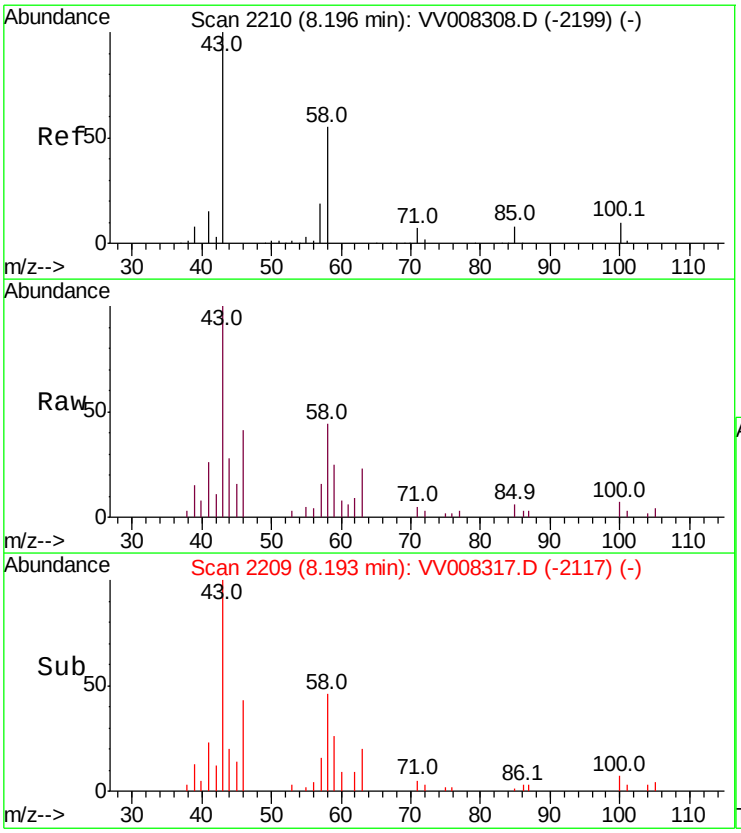
#47
Tetrachloroethene
Concen: 0.220 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion:164 Resp: 919

Ion	Ratio	Lower	Upper
164	100		
129	91.5	76.5	142.1
131	92.8	74.7	138.7
166	116.4	91.6	170.0

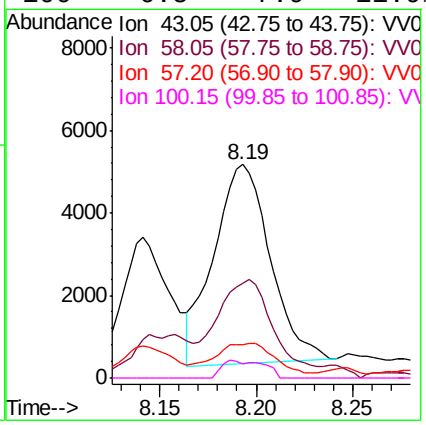


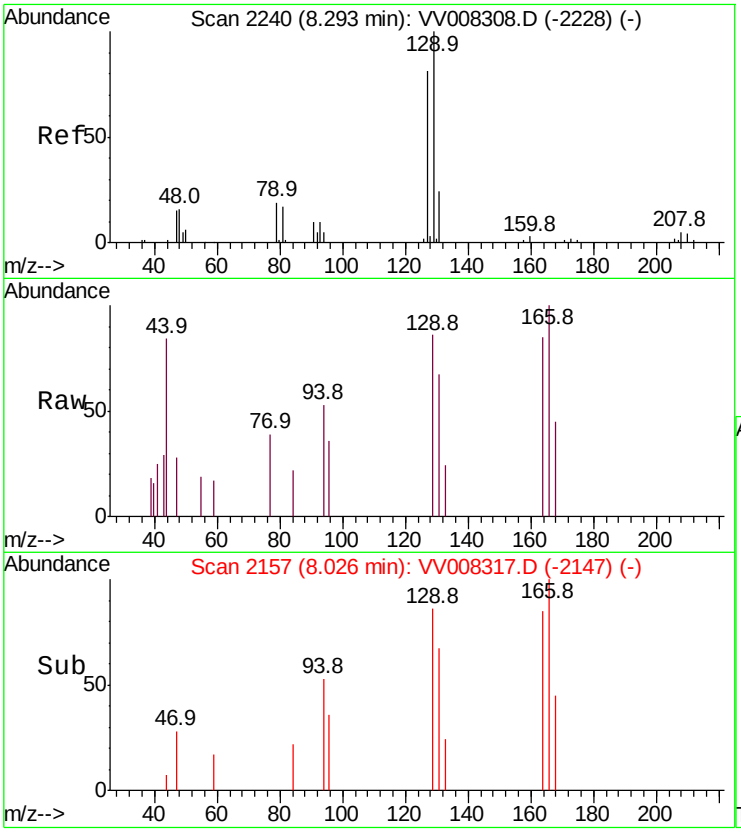


#48
2-Hexanone
Concen: 3.381 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion: 43 Resp: 9844

Ion	Ratio	Lower	Upper
43	100		
58	42.6	45.0	67.4#
57	17.0	14.4	21.6
100	6.5	7.9	11.9#



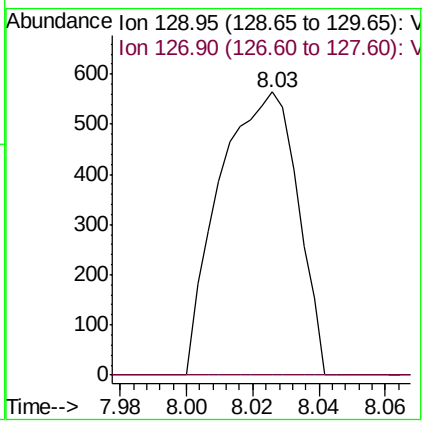


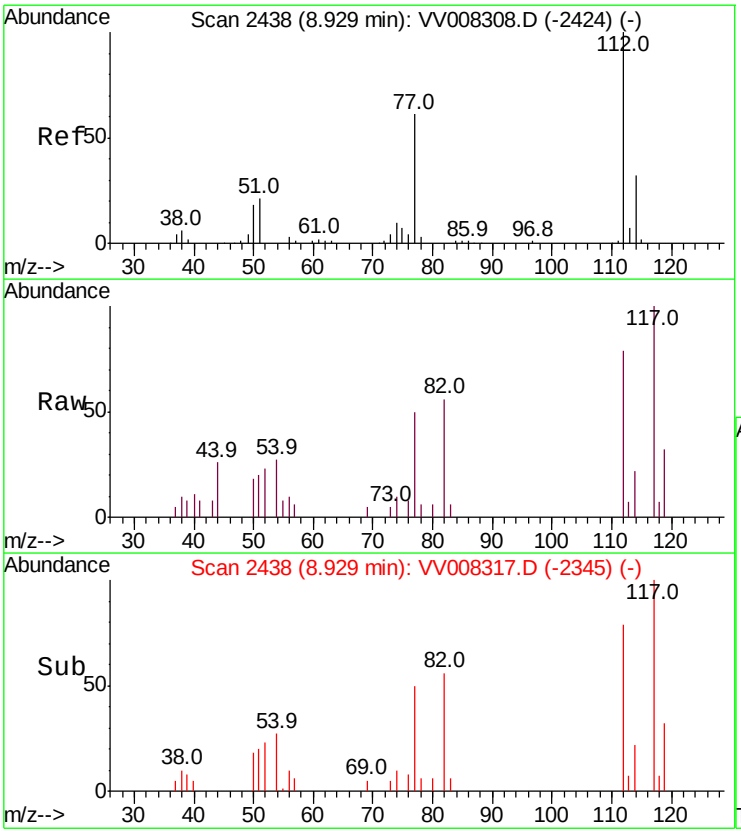
#49
Dibromochloromethane
Concen: 0.200 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.27 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion:129 Resp: 922

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

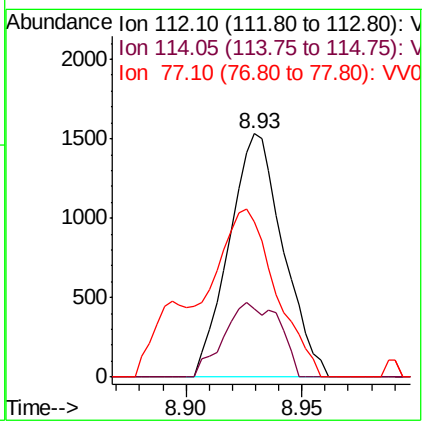


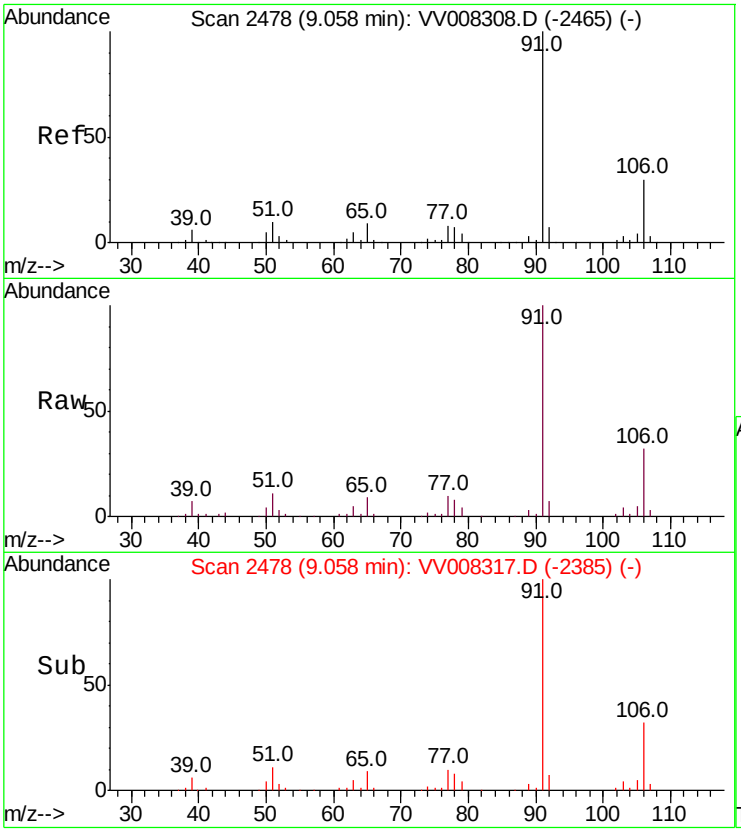


#51
Chlorobenzene
Concen: 0.166 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion:112 Resp: 2479

Ion	Ratio	Lower	Upper
112	100		
114	25.7	21.6	40.0
77	58.4	49.7	74.5



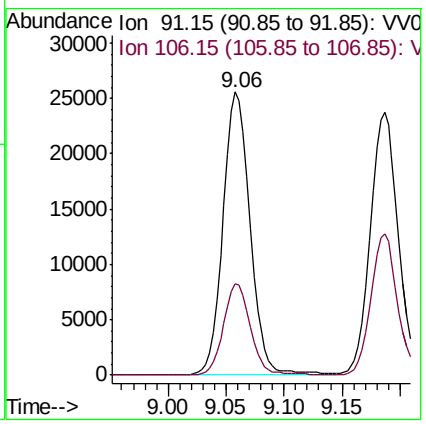


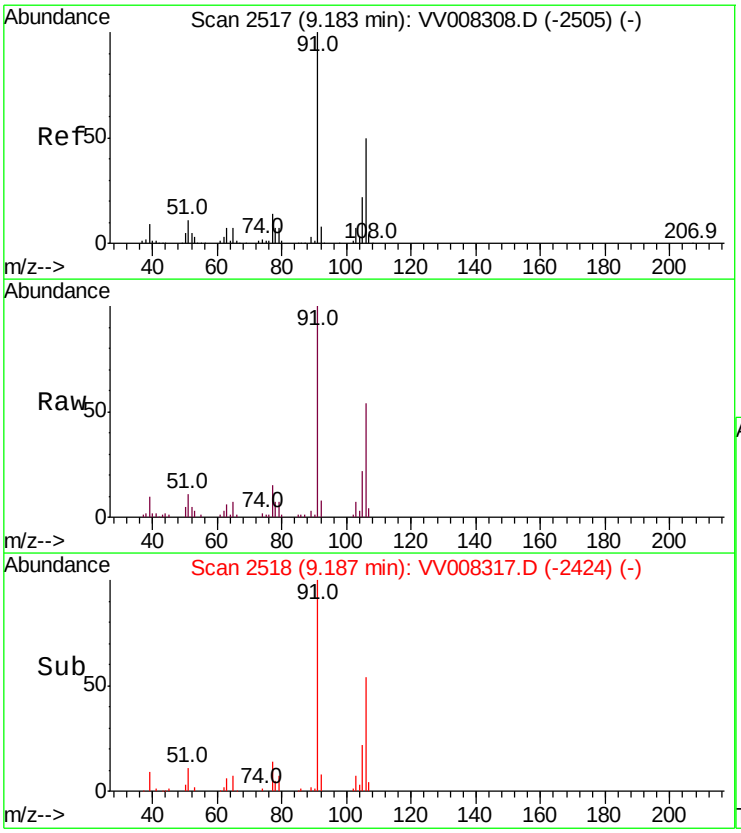
#52
Ethylbenzene
Concen: 1.505 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion: 91 Resp: 41583

Ion	Ratio	Lower	Upper
91	100		
106	32.5	21.6	40.2

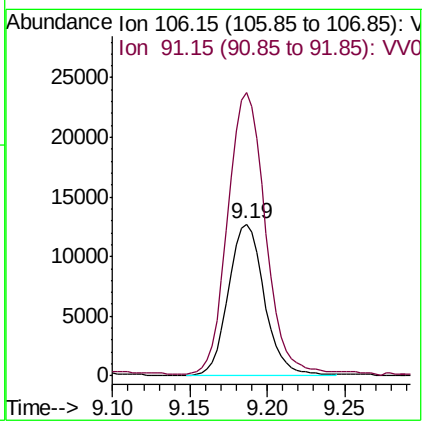


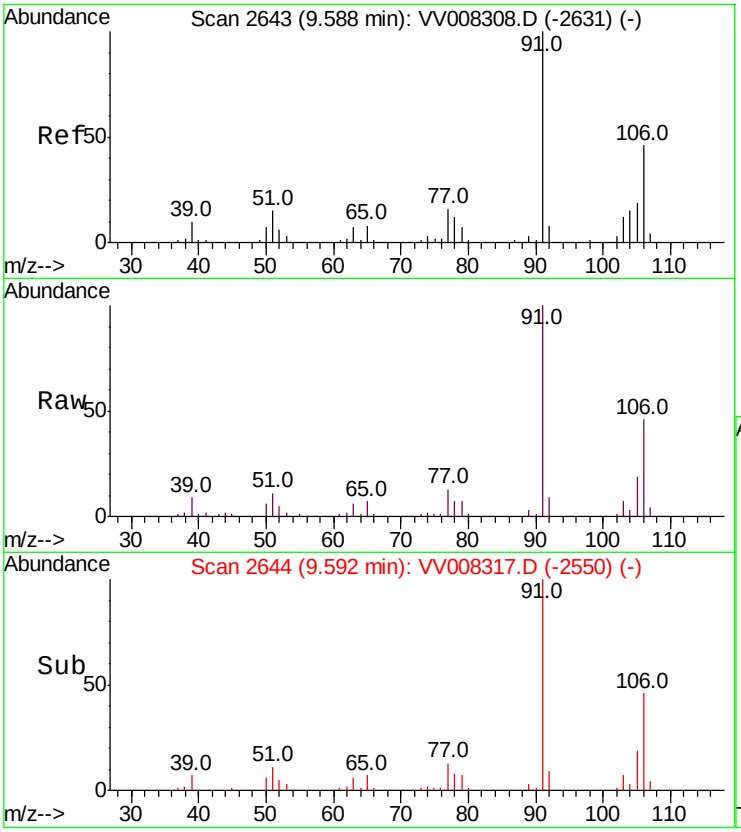


#53
m,p-xylene
Concen: 2.065 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion:106 Resp: 20638

Ion	Ratio	Lower	Upper
106	100		
91	186.5	145.2	269.6



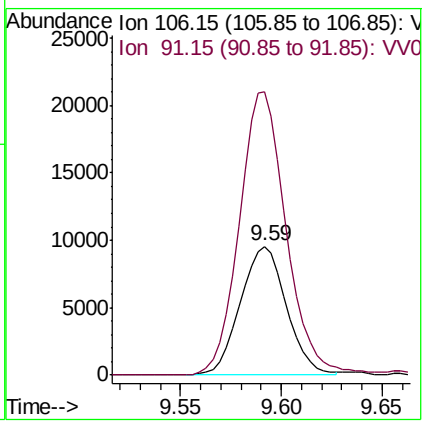


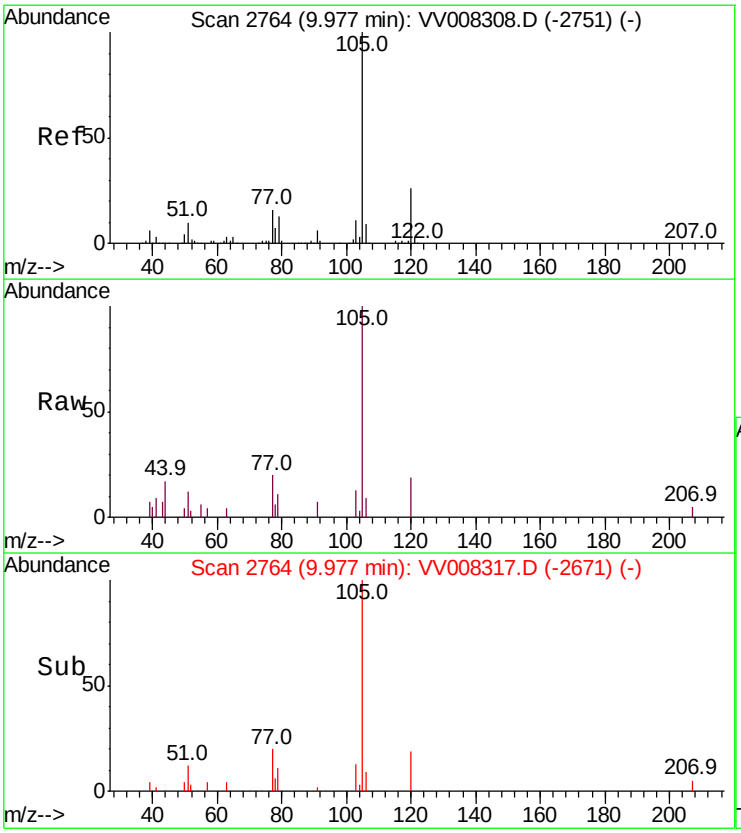
#54
o-xylene
Concen: 1.533 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion:106 Resp: 15259

Ion	Ratio	Lower	Upper
106	100		
91	219.6	153.2	284.4

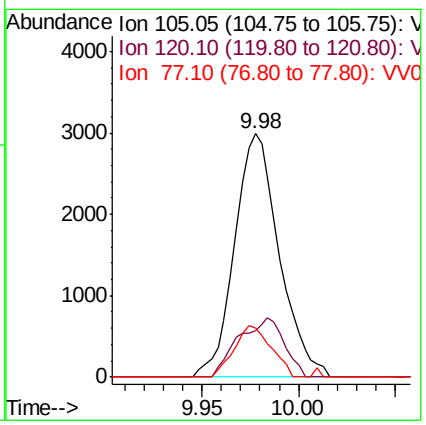


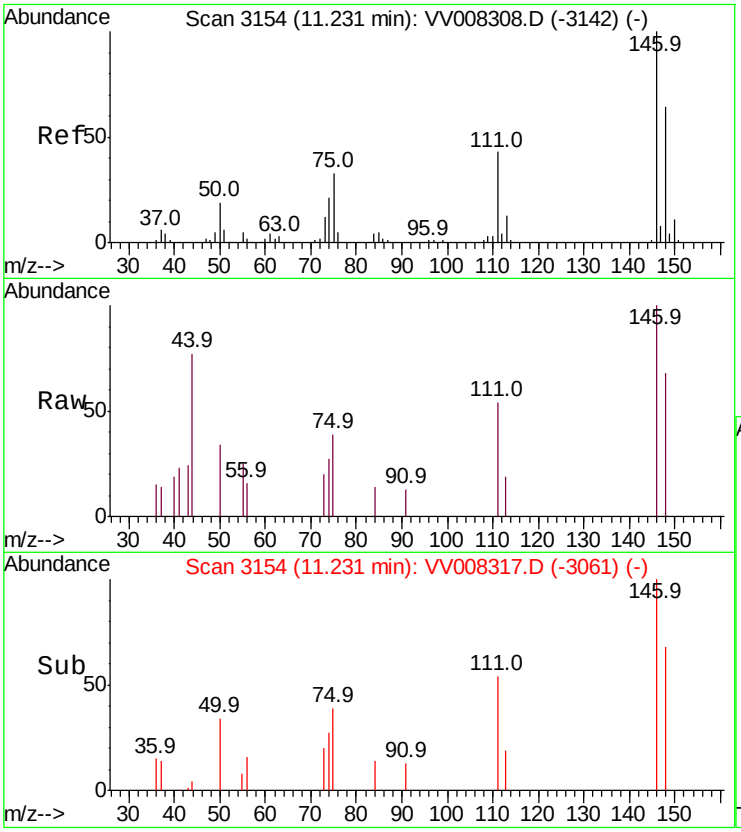


#56
Isopropylbenzene
Concen: 0.182 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion:105 Resp: 4777

Ion	Ratio	Lower	Upper
105	100		
120	24.8	21.2	31.8
77	17.5	13.0	19.6



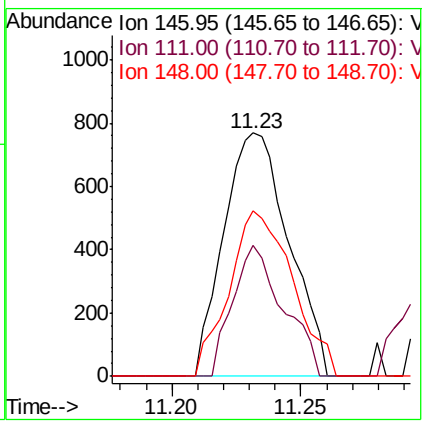


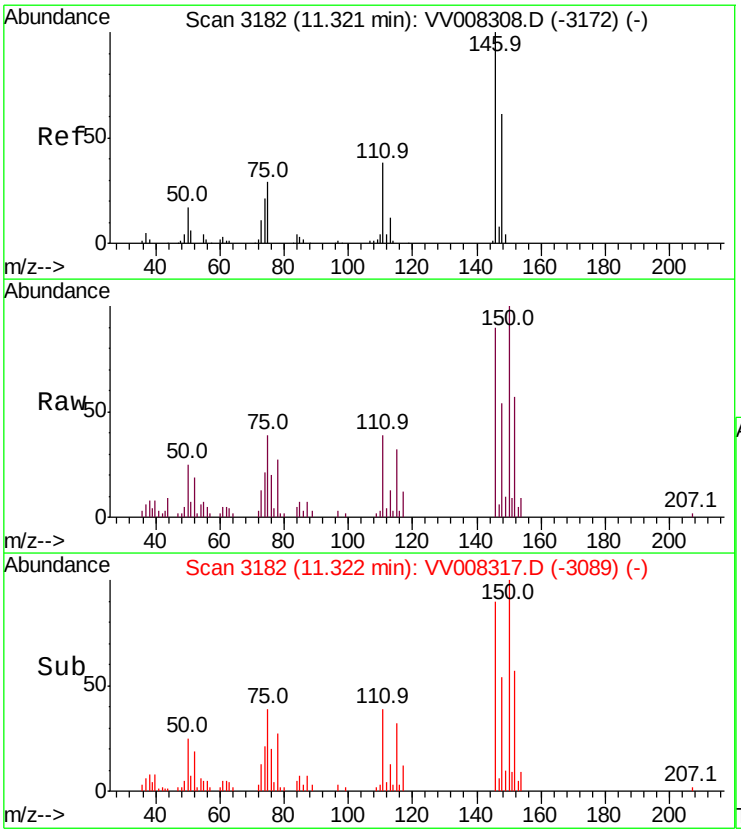
#62
1,3-Dichlorobenzene
Concen: 0.135 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument : MSVOA_V
ClientSampleId : C0JB5

Tgt Ion:146 Resp: 1351

Ion	Ratio	Lower	Upper
146	100		
111	53.6	28.0	52.0#
148	68.3	42.9	79.7

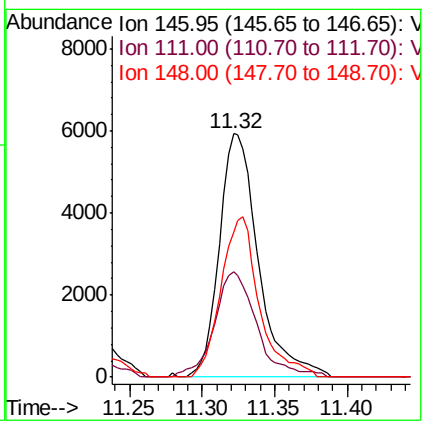


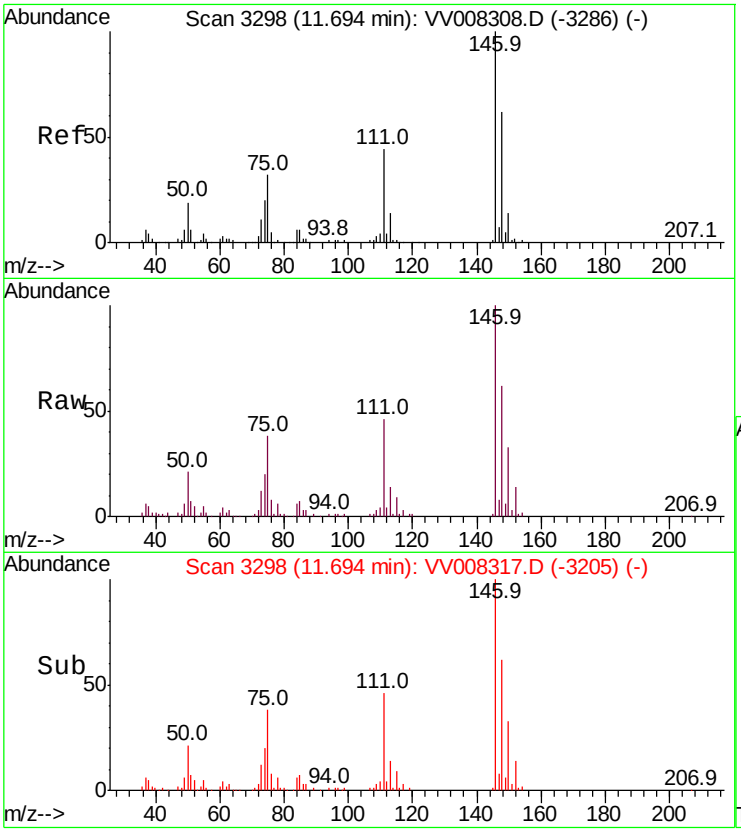


#63
1,4-Dichlorobenzene
Concen: 1.120 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Tgt Ion:146 Resp: 11070

Ion	Ratio	Lower	Upper
146	100		
111	43.3	30.0	55.6
148	59.7	44.5	82.7





#65
1,2-Dichlorobenzene
Concen: 5.769 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008317.D
Acq: 17 Oct 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0JB5

Tgt Ion:146 Resp: 55215

Ion	Ratio	Lower	Upper
146	100		
111	46.1	35.5	53.3
148	62.2	51.5	77.3