Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 10 02:37:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	240810	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106842	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72546	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.58	69	65159	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.13	63	98107	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	3.97	46	194293	43.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.92%			
24) Chloroform-d	4.41	84	154358	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.09	65	81087	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.10	84	296607	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.12	67	106473	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.36	98	224890	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.67	79	31968	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.15	63	133038	46.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.64%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77090	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	98548	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	29798	1.278	ug/L	99
13) Acetone	2.21	43	7114	3.091	ug/L	82
19) 1,1-Dichloroethane	3.23	63	41354	1.237	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	46738	2.224	ug/L	99
27) 1,2-Dichloroethane	5.19	62	18539	0.813	ug/L #	92
30) Cyclohexane	4.72	56	14191	0.450	ug/L	86
33) Benzene	5.15	78	502421	6.377	ug/L	100
34) Trichloroethene	5.97	95	10427	0.552	ug/L	92
35) Methylcyclohexane	6.18	83	7299	0.241	ug/L #	66
42) Toluene	7.44	91	47732	0.630	ug/L	98
48) 2-Hexanone	8.15	43	20763	2.527	ug/L #	77
51) Chlorobenzene	8.93	112	405293	8.398	ug/L	99
52) Ethylbenzene	9.06	91	365731	4.838	ug/L	99
53) m,p-xylene	9.19	106	253303	8.988	ug/L	99
54) o-xylene	9.59	106	69786	2.613	ug/L	97
56) Isopropylbenzene	9.98	105	59402	0.848	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20573	0.581	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 10 02:37:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.70	146	230158	6.768	ug/L	100
69) Naphthalene	13.56	128	29929	1.085	ug/L	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
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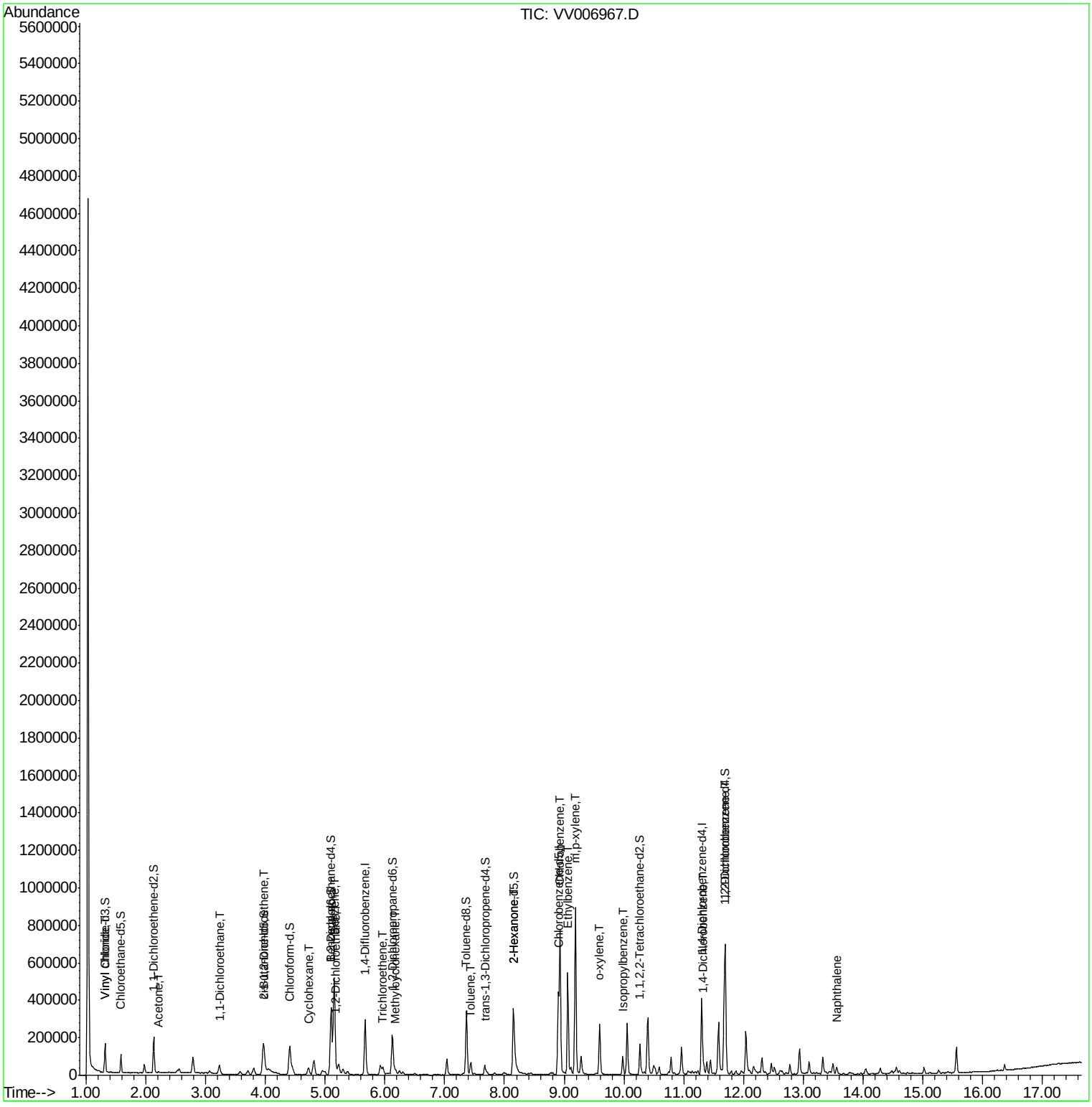
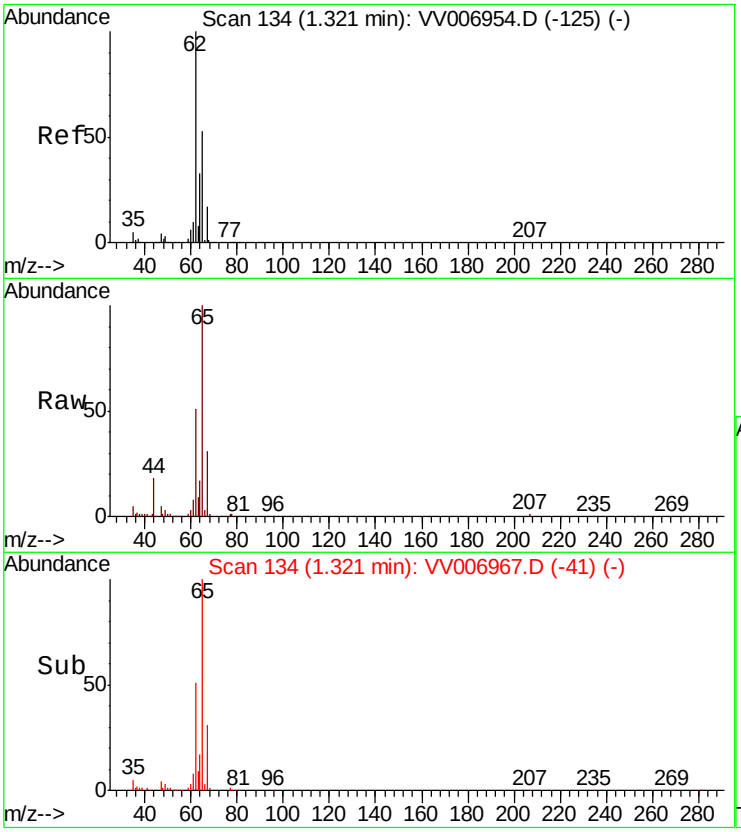
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration



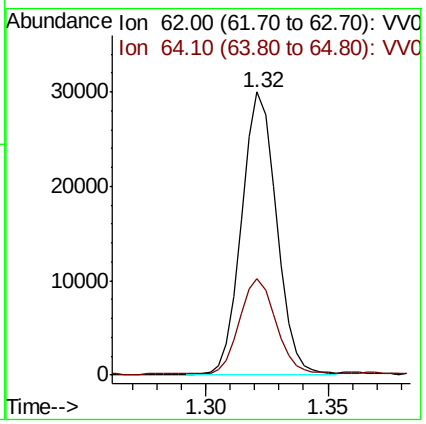


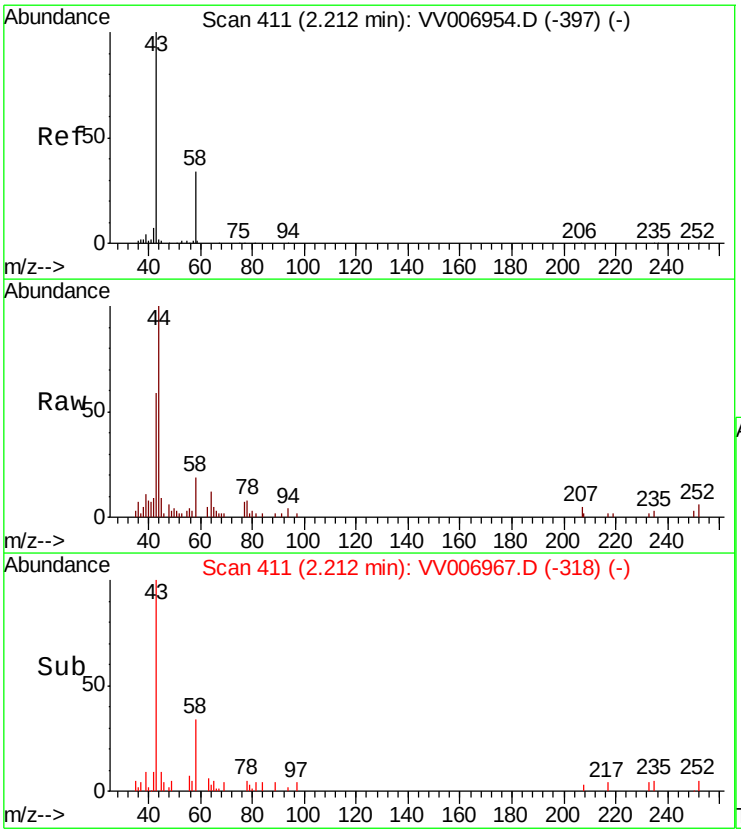
#5
Vinyl chloride
Concen: 1.278 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 29798

Ion	Ratio	Lower	Upper
62	100		
64	34.0	23.5	43.7

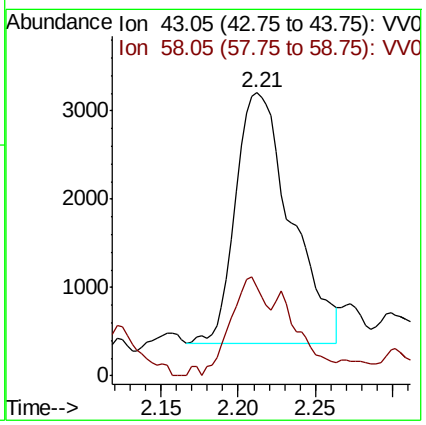


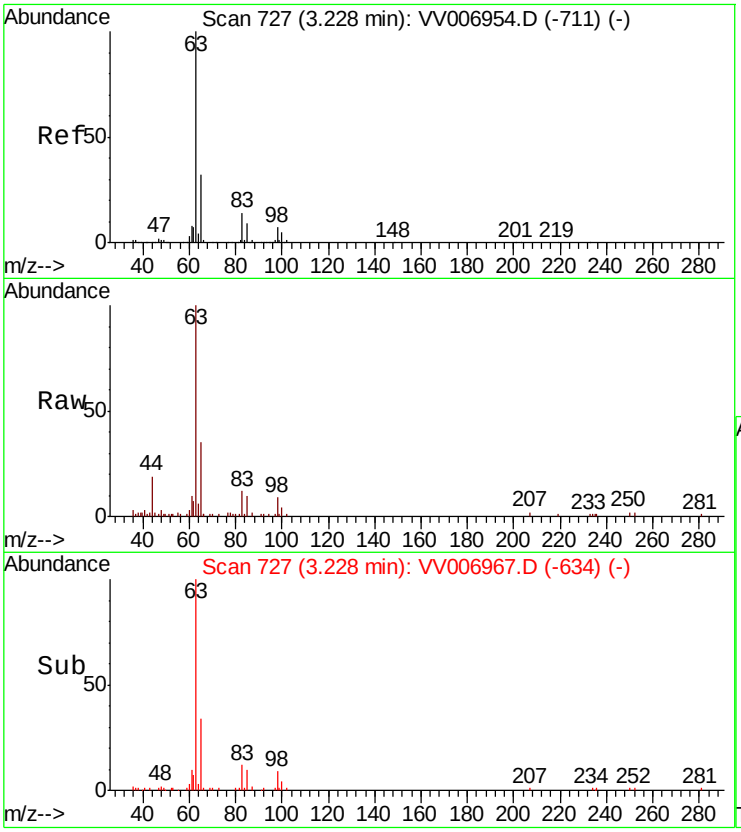


#13
Acetone
Concen: 3.091 ug/L
RT: 2.21 min Scan# 411
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 43 Resp: 7114

Ion	Ratio	Lower	Upper
43	100		
58	25.3	0.0	71.4



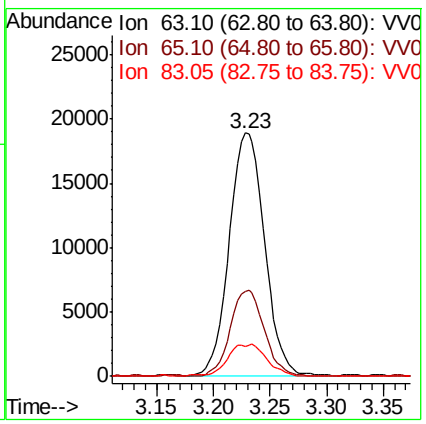


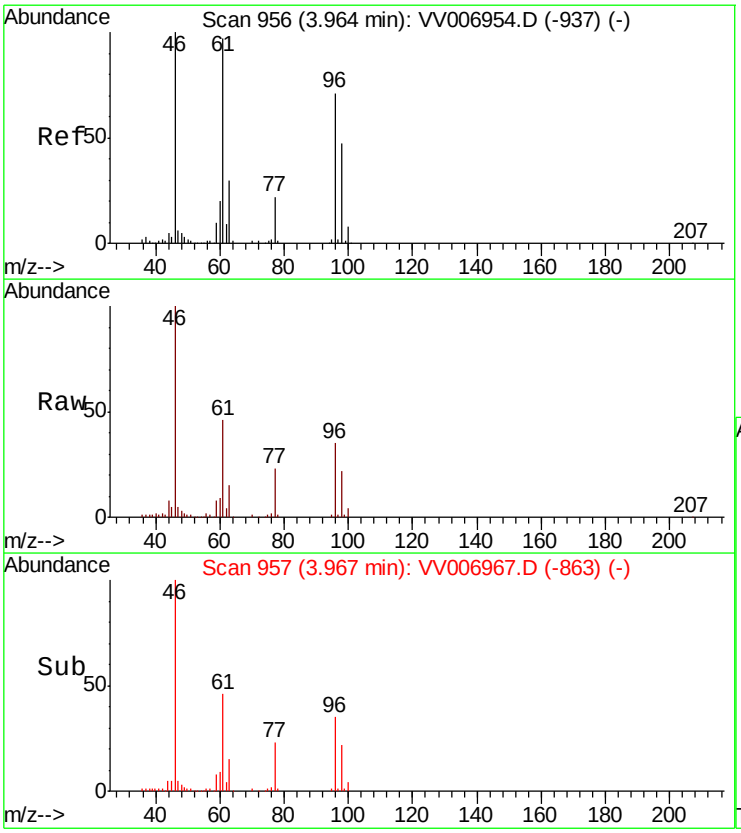
#19
1,1-Dichloroethane
Concen: 1.237 ug/L
RT: 3.23 min Scan# 727
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 41354

Ion	Ratio	Lower	Upper
63	100		
65	34.7	21.7	40.3
83	12.5	10.0	18.6

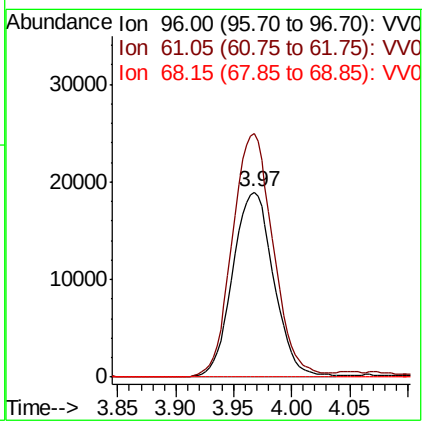


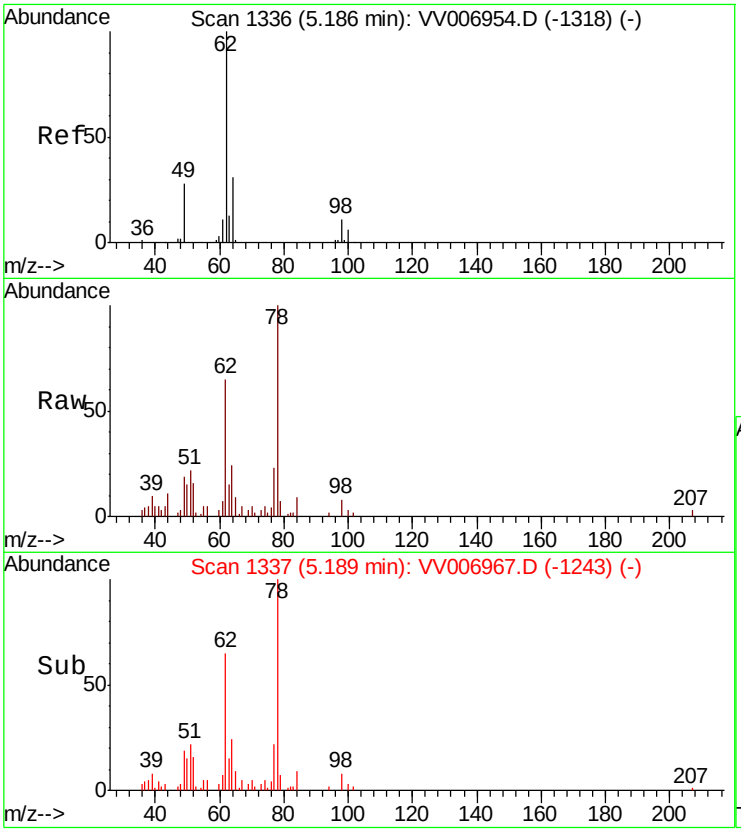


#22
cis-1,2-Dichloroethene
Concen: 2.224 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 96 Resp: 46738

Ion	Ratio	Lower	Upper
96	100		
61	131.7	91.1	169.1
68	0.0	0.0	0.0



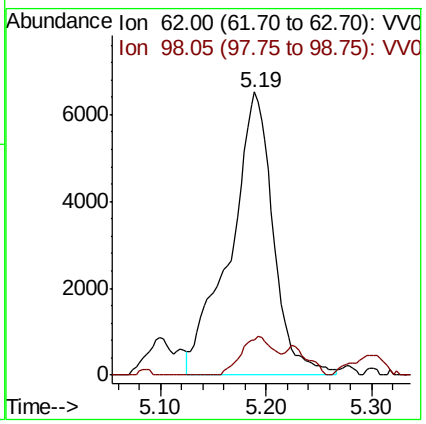


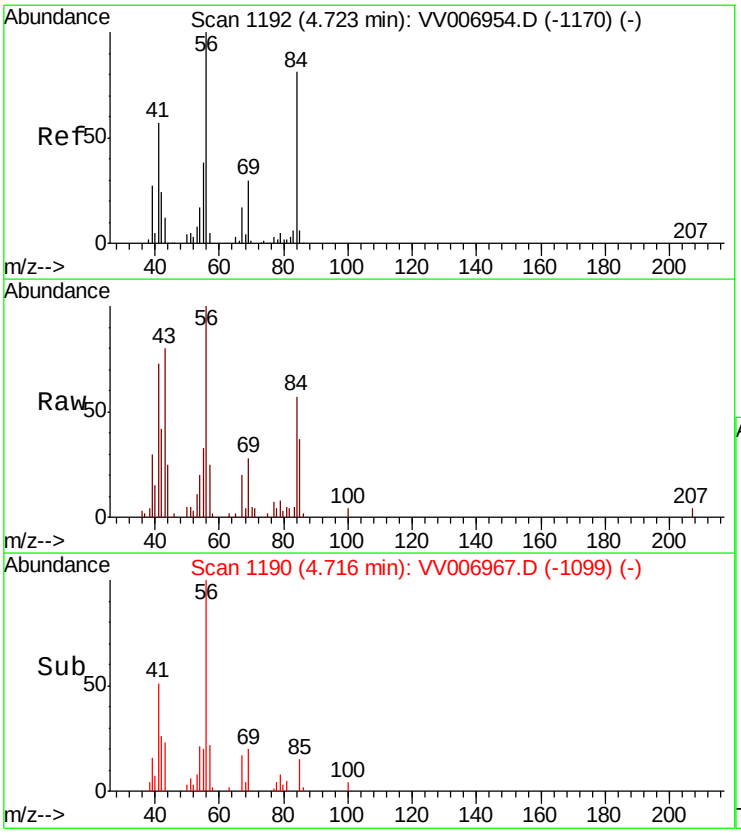
#27
1,2-Dichloroethane
Concen: 0.813 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 18539

Ion	Ratio	Lower	Upper
62	100		
98	12.3	7.6	11.4#

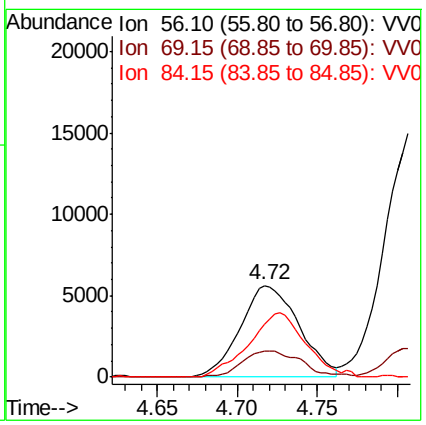


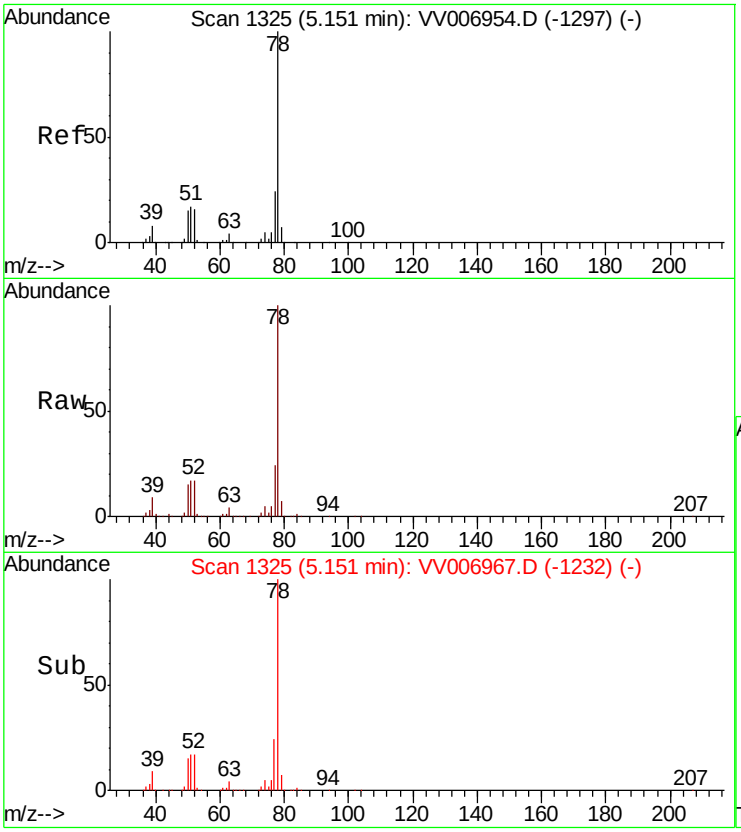


#30
Cyclohexane
Concen: 0.450 ug/L
RT: 4.72 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 56 Resp: 14191

Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.8	35.6
84	68.3	67.9	101.9

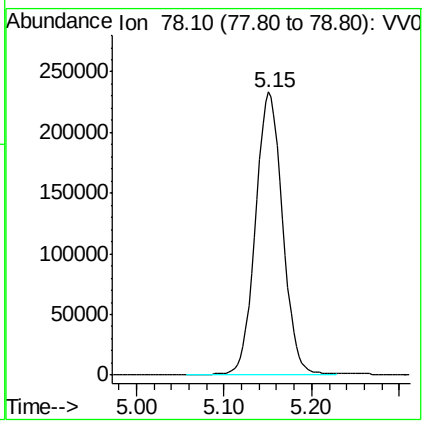


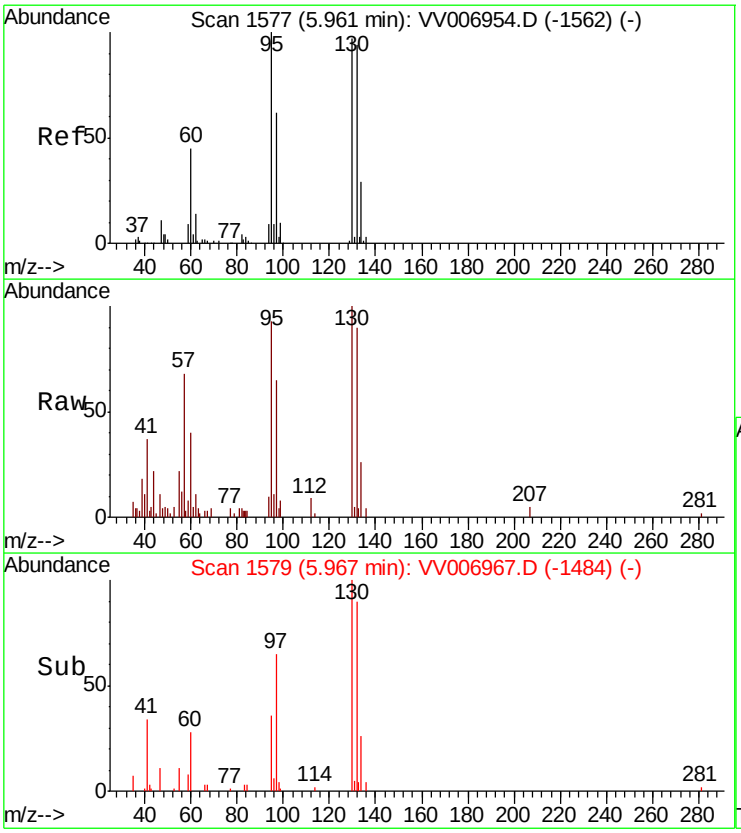


#33
Benzene
Concen: 6.377 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 502421

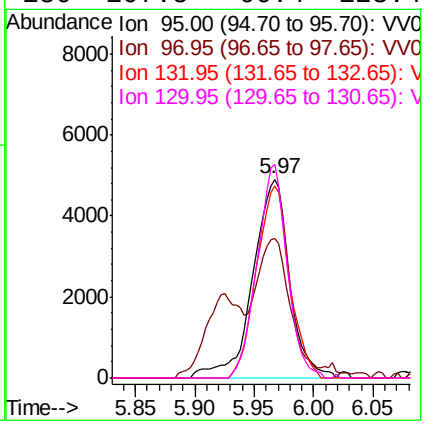


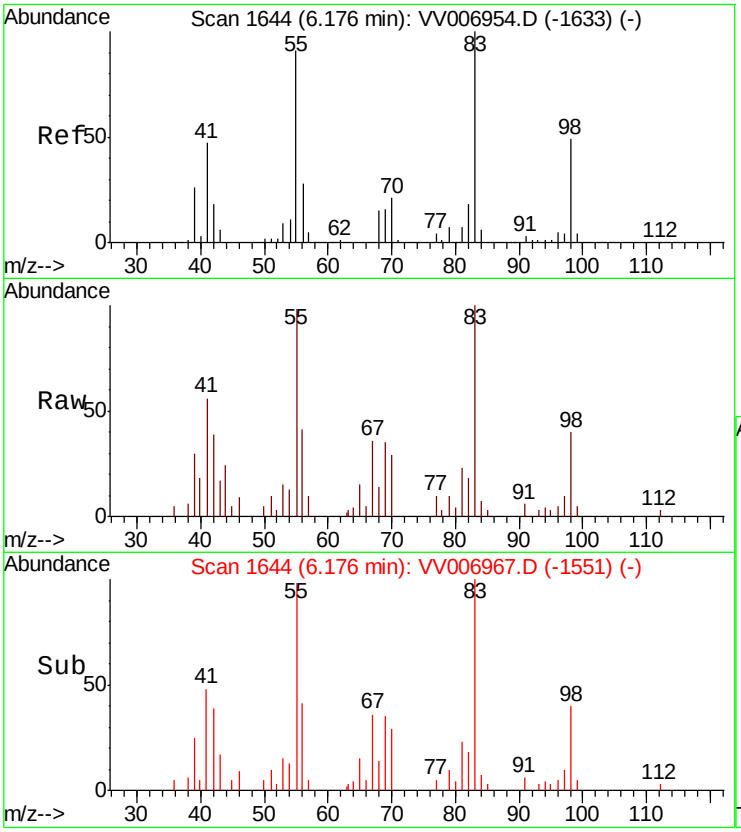


#34
Trichloroethene
Concen: 0.552 ug/L
RT: 5.97 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 95 Resp: 10427

Ion	Ratio	Lower	Upper
95	100		
97	70.3	44.8	83.2
132	96.4	65.5	121.6
130	107.5	66.4	123.4



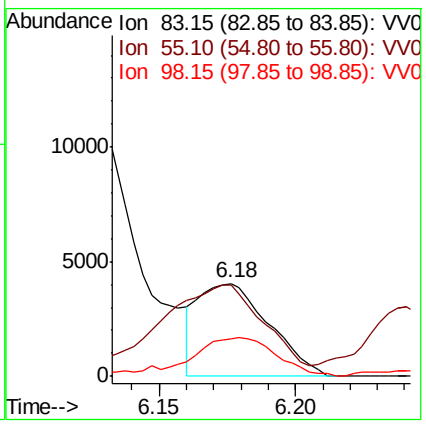


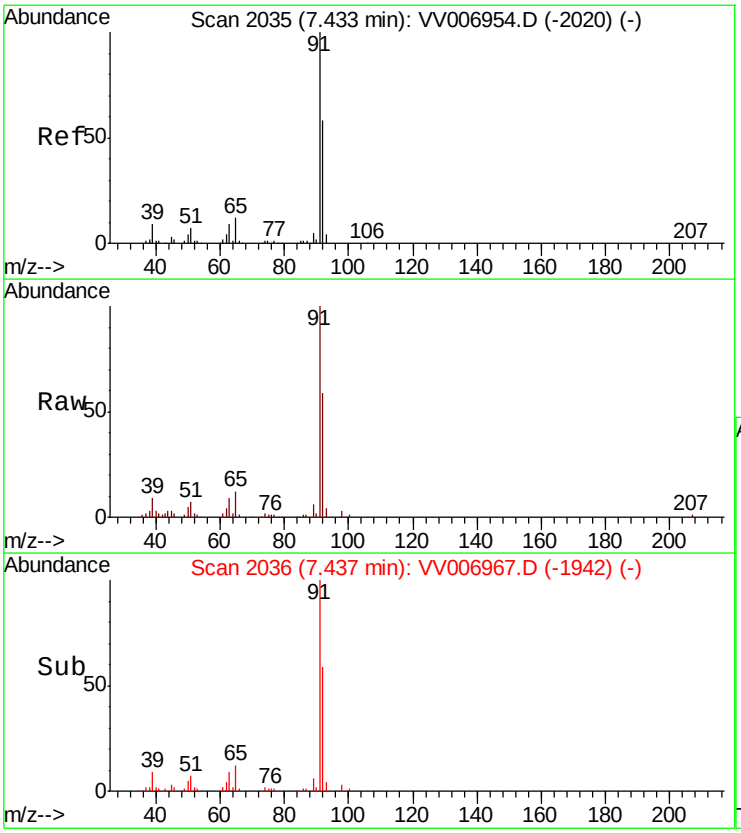
#35
Methylcyclohexane
Concen: 0.241 ug/L
RT: 6.18 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7299

Ion	Ratio	Lower	Upper
83	100		
55	131.0	68.1	102.1#
98	51.3	37.9	56.9

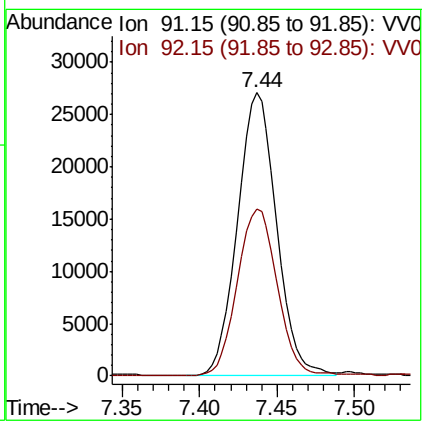


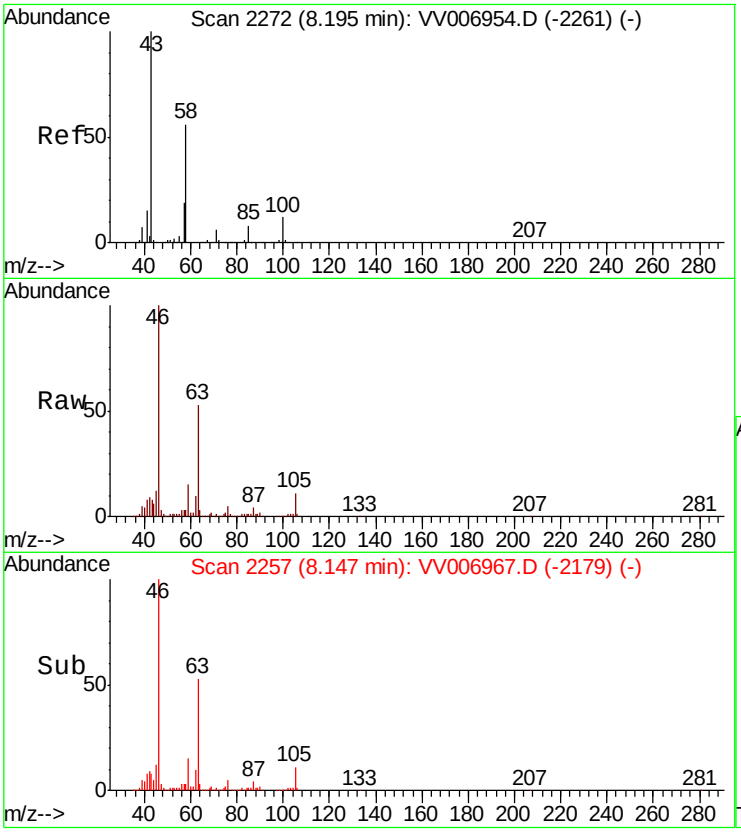


#42
Toluene
Concen: 0.630 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 91 Resp: 47732

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.2	74.6



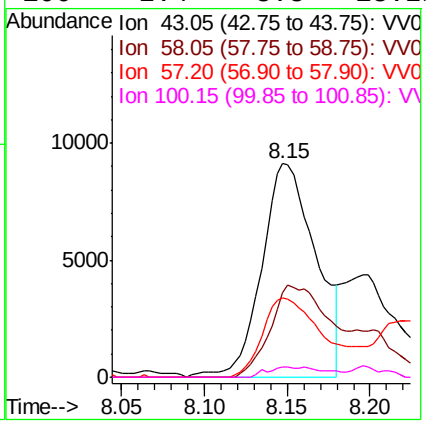


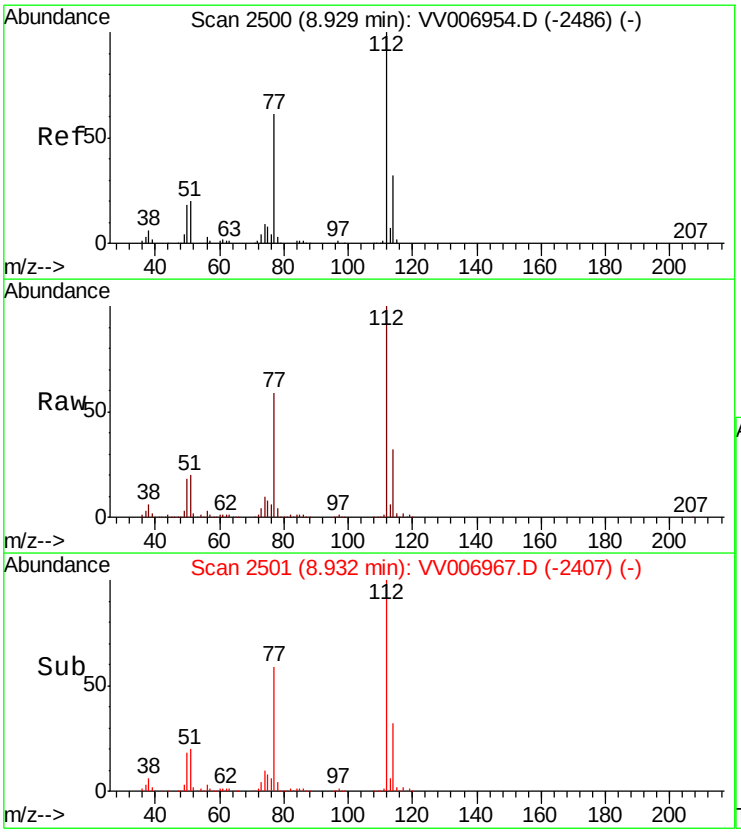
#48
2-Hexanone
Concen: 2.527 ug/L
RT: 8.15 min Scan# 2257
Delta R.T. -0.05 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20763

Ion	Ratio	Lower	Upper
43	100		
58	46.4	44.2	66.2
57	43.3	14.8	22.2#
100	2.4	8.8	13.2#

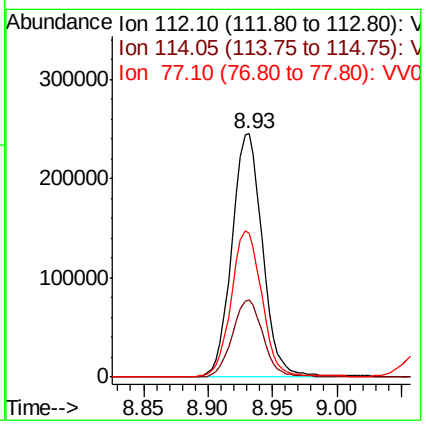


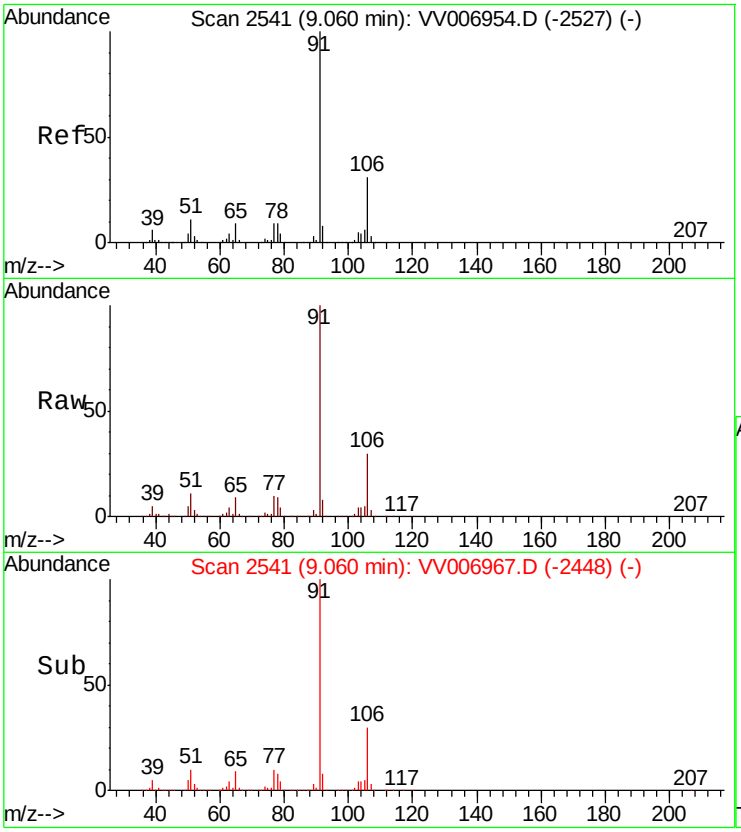


#51
Chlorobenzene
Concen: 8.398 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion:112 Resp: 405293

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.8	40.6
77	58.9	48.0	72.0



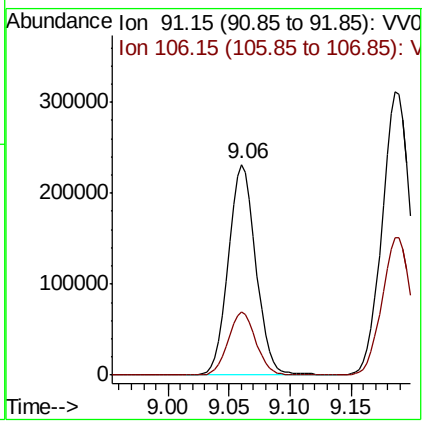


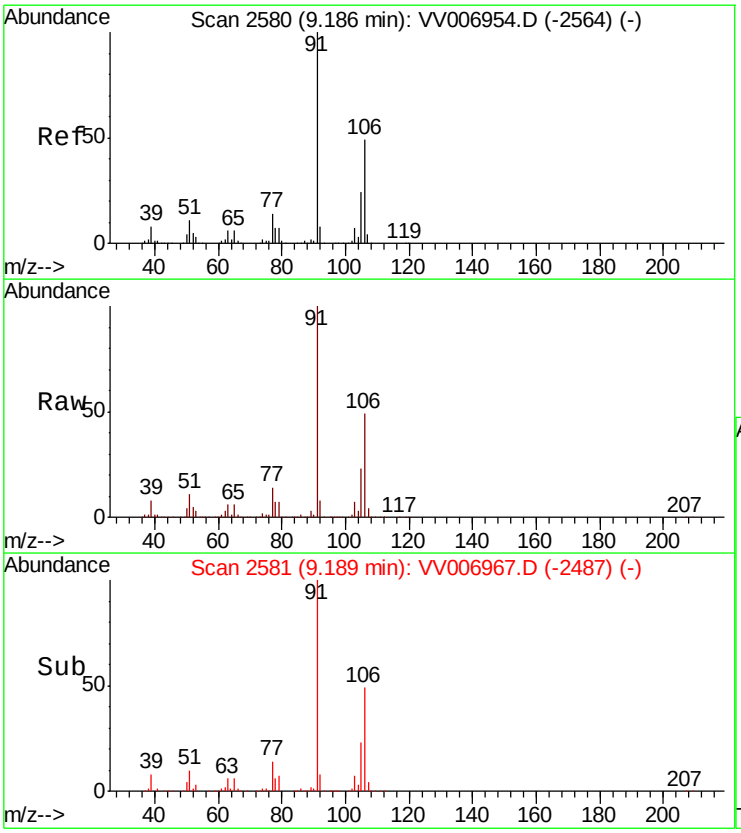
#52
Ethylbenzene
Concen: 4.838 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 365731

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.3	39.5

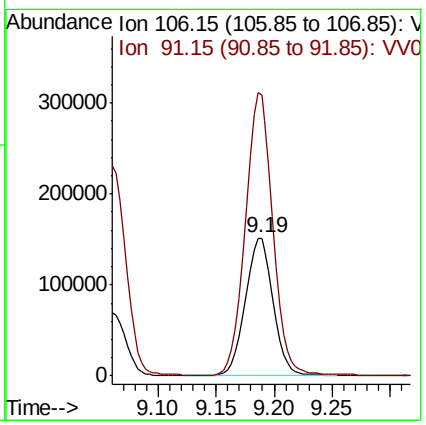


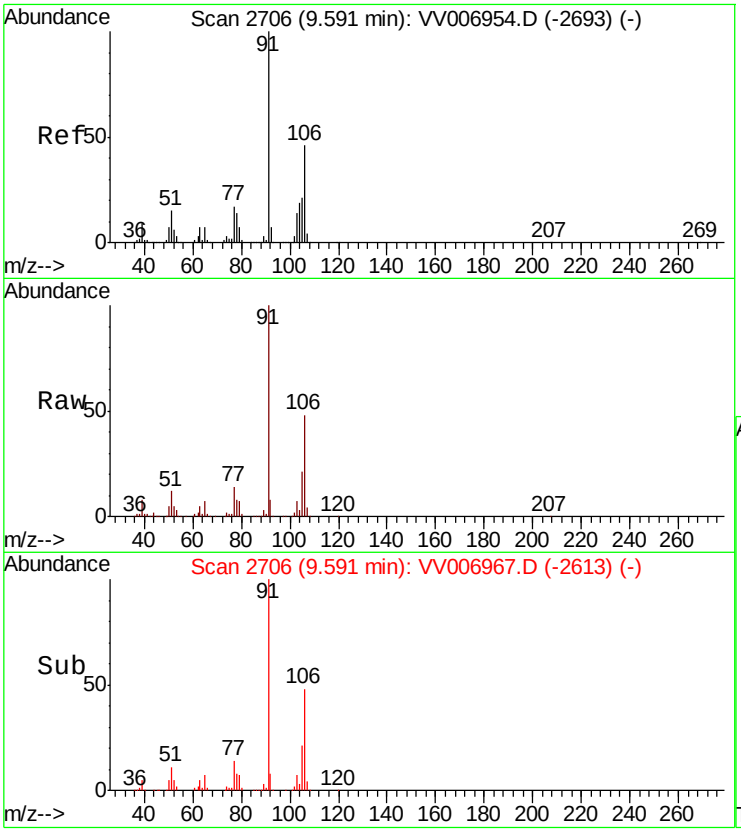


#53
m,p-xylene
Concen: 8.988 ug/L
RT: 9.19 min Scan# 2581
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion:106 Resp: 253303

Ion	Ratio	Lower	Upper
106	100		
91	204.0	141.6	263.0



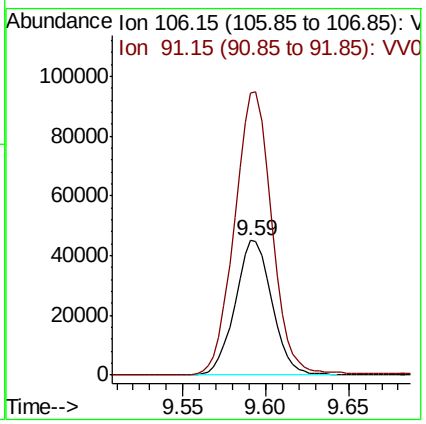


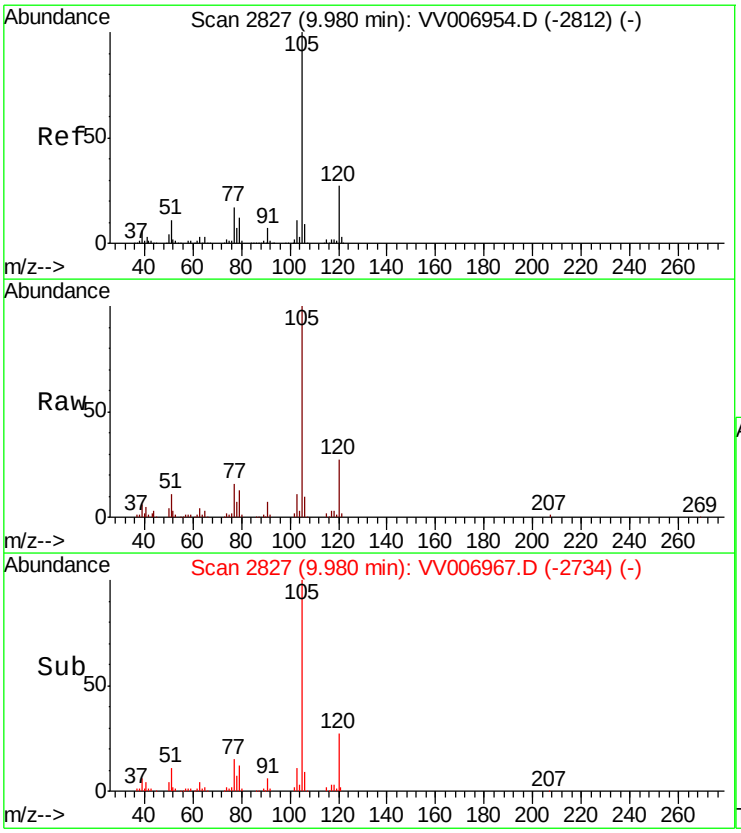
#54
o-xylene
Concen: 2.613 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 69786

Ion	Ratio	Lower	Upper
106	100		
91	209.4	149.8	278.2

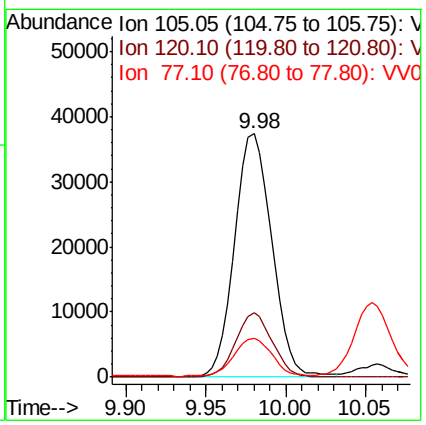


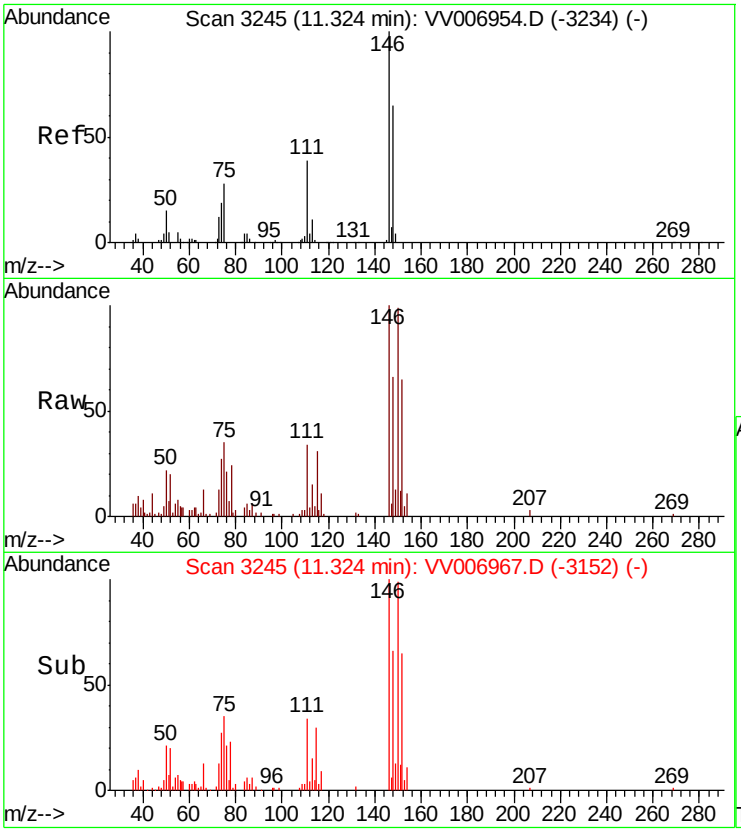


#56
Isopropylbenzene
Concen: 0.848 ug/L
RT: 9.98 min Scan# 2827
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion:105 Resp: 59402

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.1	31.7
77	15.6	13.0	19.4



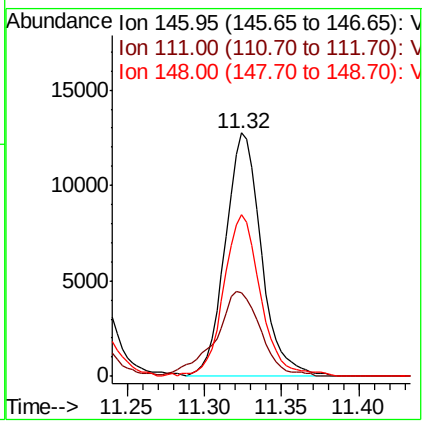


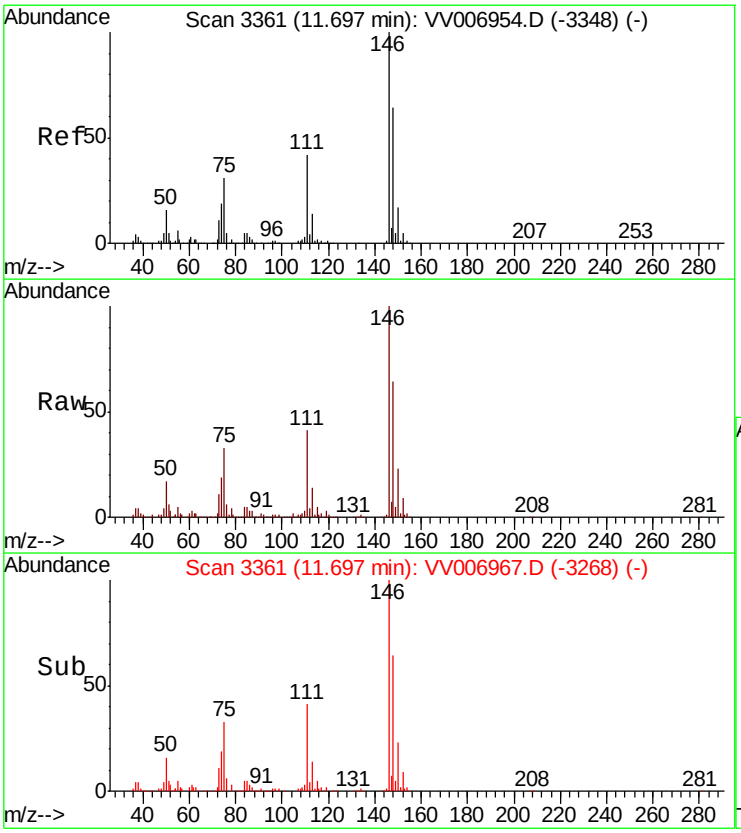
#63
1,4-Dichlorobenzene
Concen: 0.581 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 20573

Ion	Ratio	Lower	Upper
146	100		
111	34.1	26.6	49.4
148	66.3	46.4	86.2

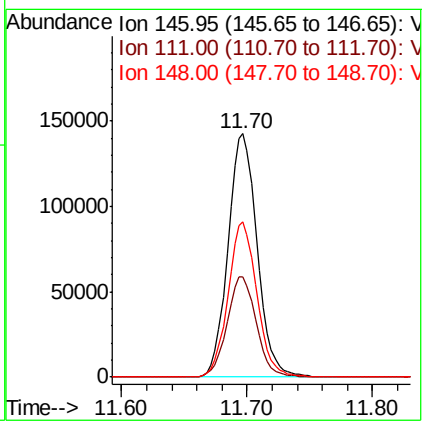


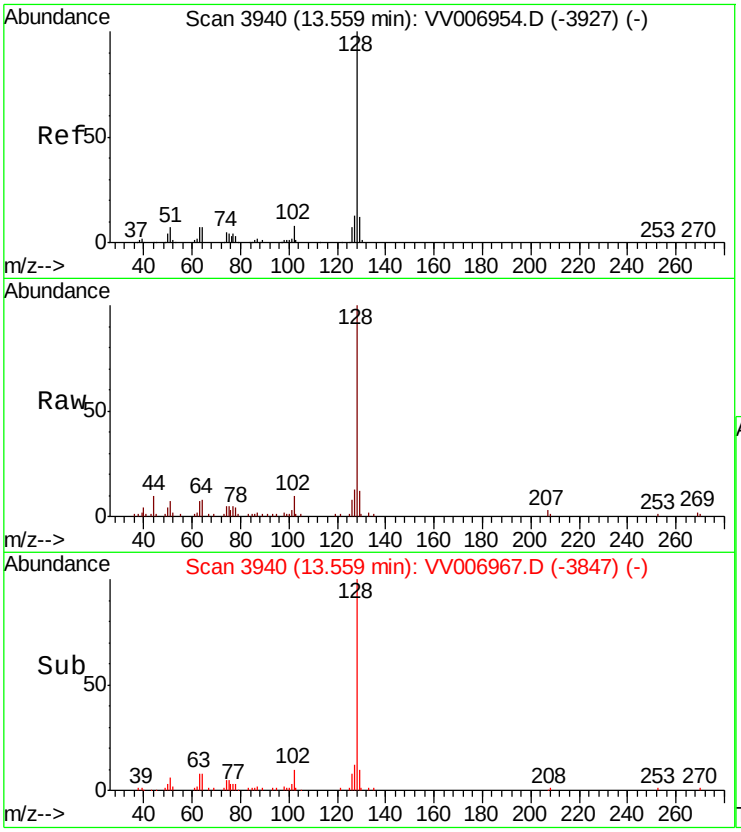


#65
1,2-Dichlorobenzene
Concen: 6.768 ug/L
RT: 11.70 min Scan# 3361
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion:146 Resp: 230158

Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.0	49.6
148	63.7	50.6	75.8





#69
Naphthalene
Concen: 1.085 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 29929

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	12.7	10.6	16.0