Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO79

Quant Time: Nov 19 03:01:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:55:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61284	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29583	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.58	69	26403	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.13	63	44963	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	3.97	46	119339	48.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.66%			
24) Chloroform-d	4.41	84	85782	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.09	65	46420	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	169946	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.12	67	56785	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	157022	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	7.67	79	19167	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.14	63	93939	45.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.82%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37404	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	55463	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1731	0.162	ug/L #	82
8) Chloroethane	1.60	64	17638	3.064	ug/L	99
13) Acetone	2.23	43	2425	1.883	ug/L	99
15) Methyl Acetate	2.47	43	2021	0.627	ug/L #	54
30) Cyclohexane	4.73	56	5010	0.253	ug/L	98
33) Benzene	5.15	78	129635	2.904	ug/L	100
35) Methylcyclohexane	6.18	83	2371	0.119	ug/L #	82
37) 1,2-Dichloropropane	6.12	63	6136	0.523	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1625	0.103	ug/L #	65
48) 2-Hexanone	8.14	43	12868	2.776	ug/L #	69
51) Chlorobenzene	8.93	112	105782	3.686	ug/L	99
56) Isopropylbenzene	9.98	105	31139	0.630	ug/L	100
62) 1,3-Dichlorobenzene	11.32	146	34100	1.708	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	34100	1.733	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	4445	0.234	ug/L #	85
66) 1,2-Dibromo-3-chloropropan	12.47	75	105	0.086	ug/L #	11
69) Naphthalene	13.56	128	5671	0.300	ug/L #	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO79

Quant Time: Nov 19 03:01:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:55:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
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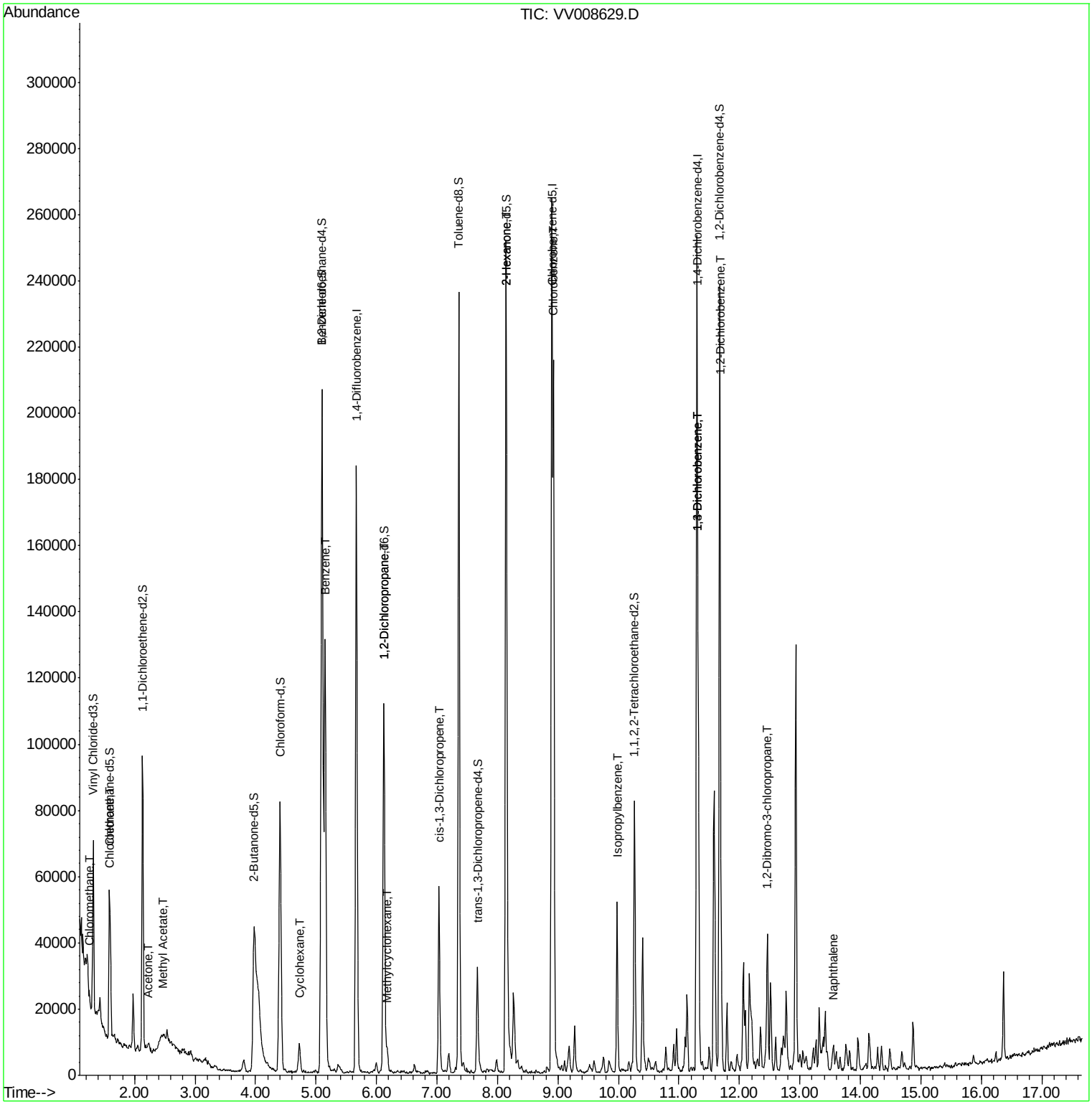
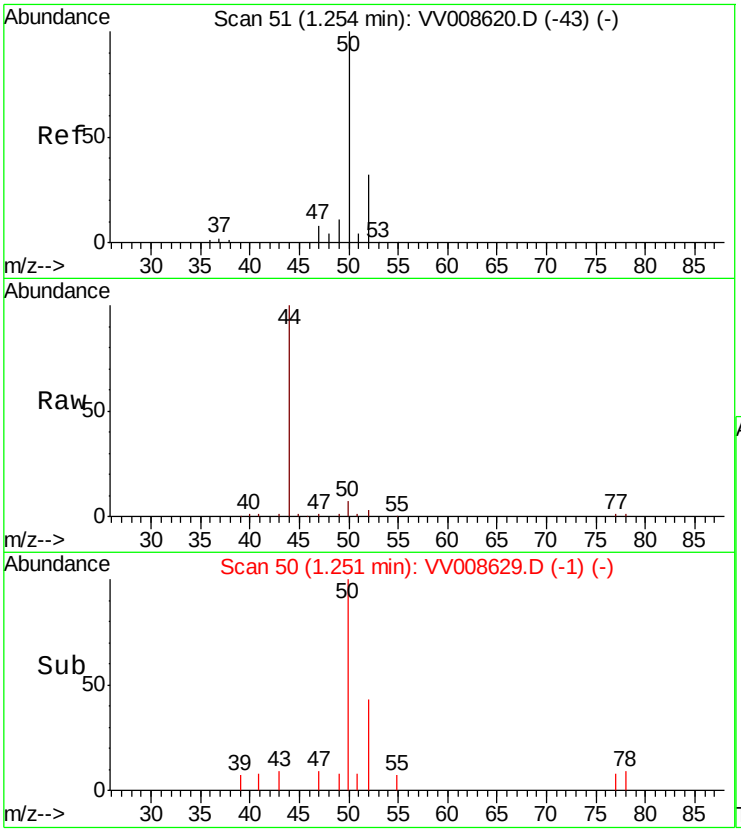
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:55:31 2018
Response via : Initial Calibration



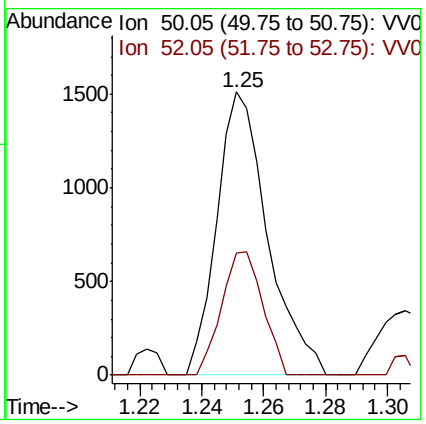


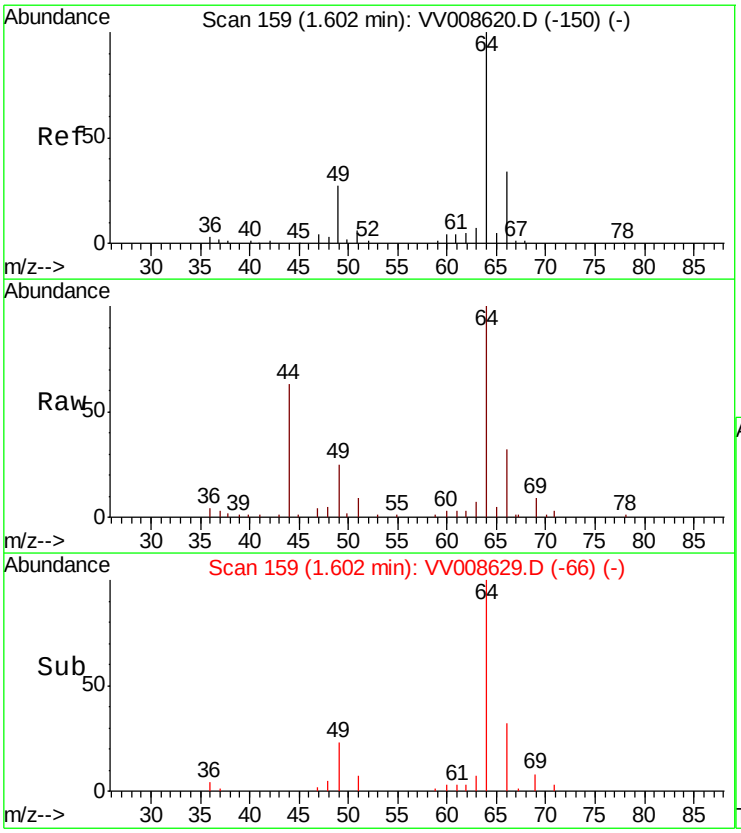
#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion: 50 Resp: 1731

Ion	Ratio	Lower	Upper
50	100		
52	43.3	23.3	43.3#

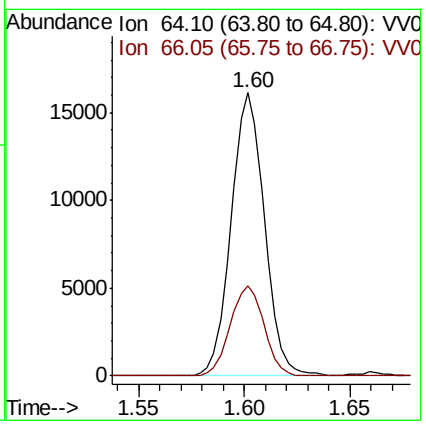


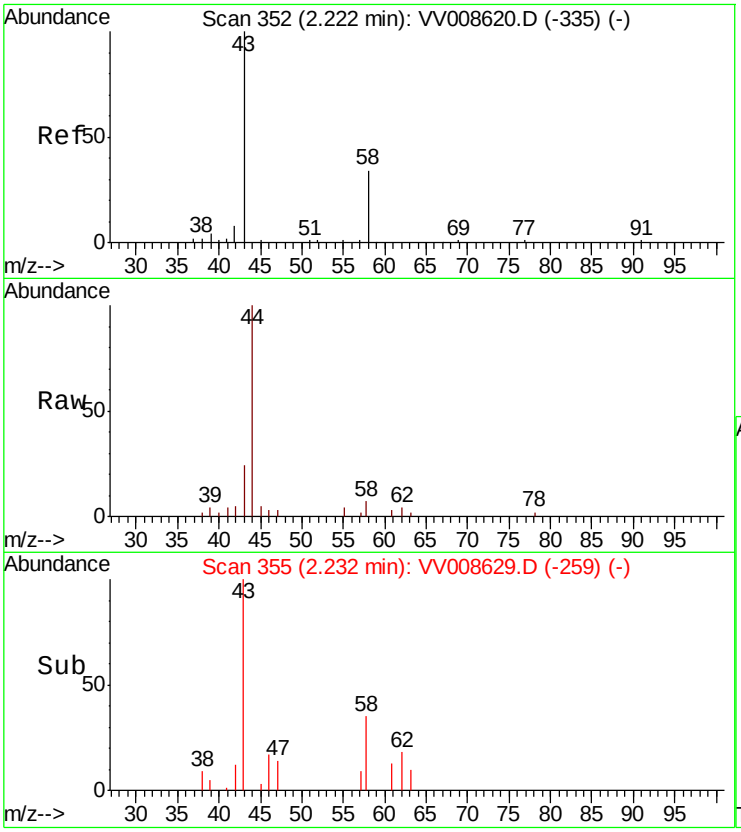


#8
Chloroethane
Concen: 3.064 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 64 Resp: 17638

Ion	Ratio	Lower	Upper
64	100		
66	31.7	22.7	42.3



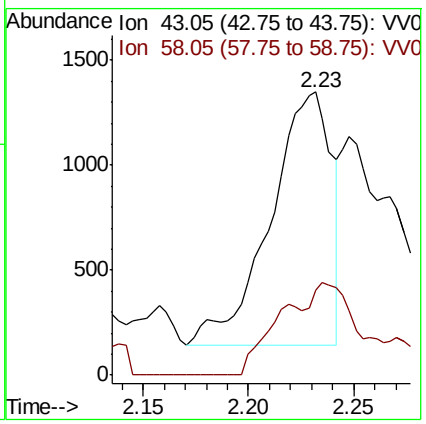


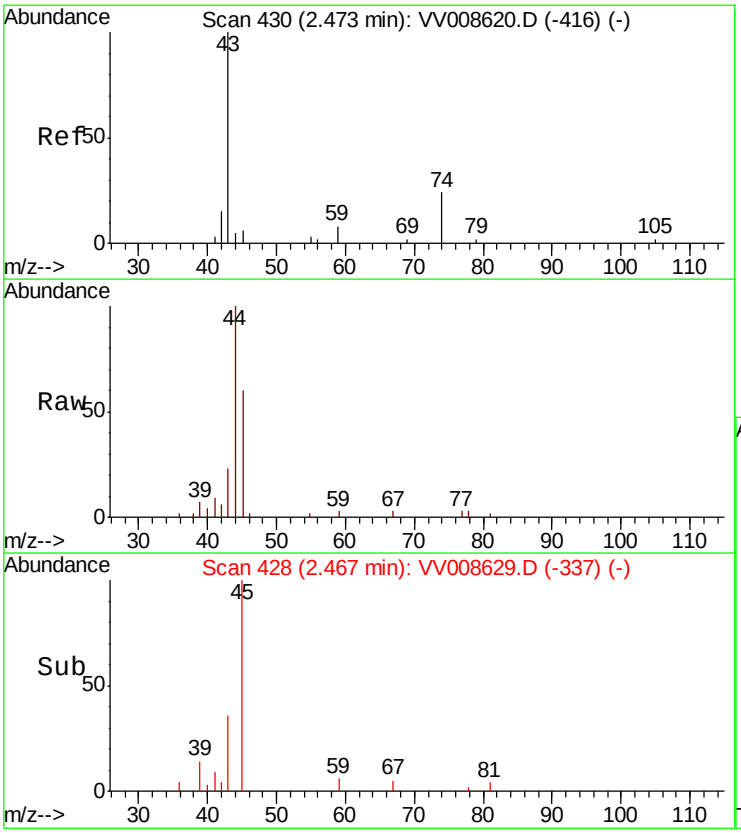
#13
Acetone
Concen: 1.883 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.01 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion: 43 Resp: 2425

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	56.4

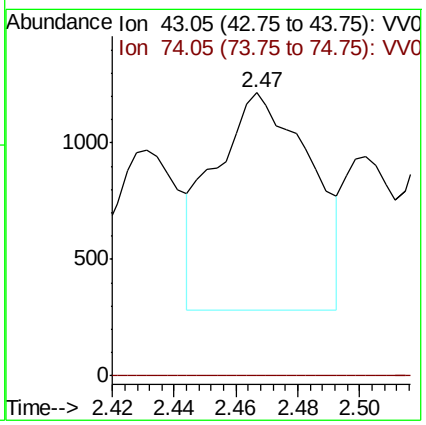


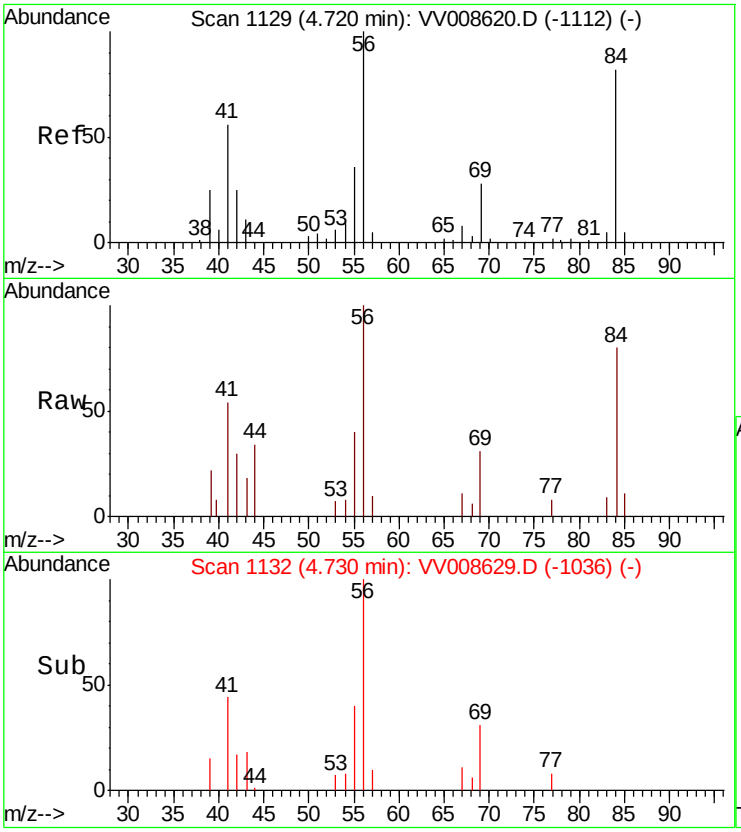


#15
Methyl Acetate
Concen: 0.627 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.01 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 43 Resp: 2021

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.6	26.4#



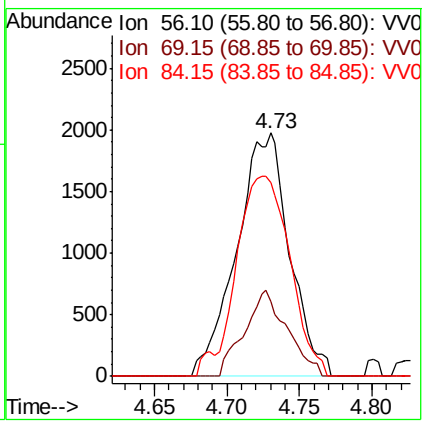


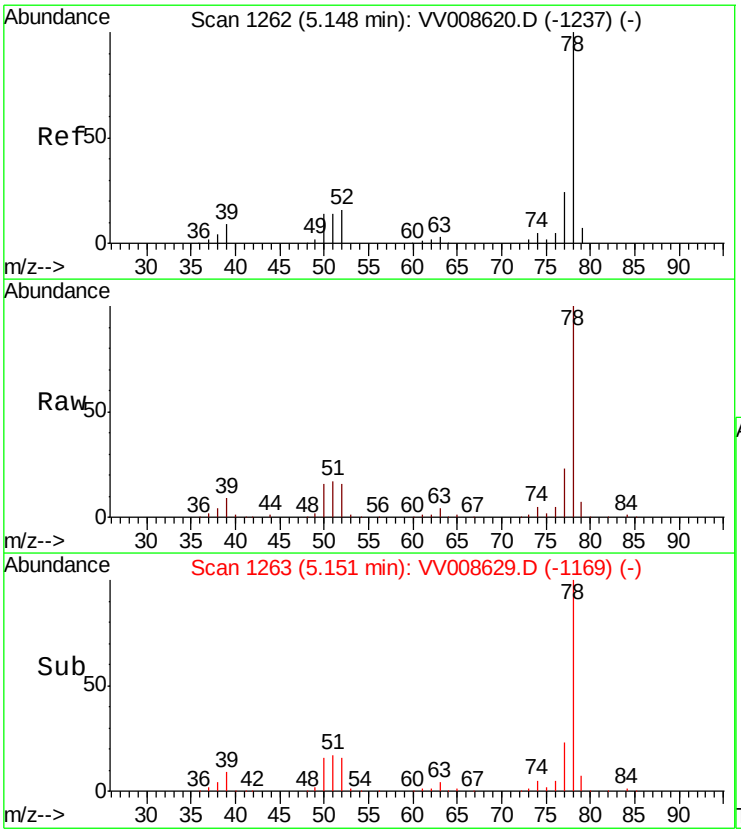
#30
Cyclohexane
Concen: 0.253 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument : MSVOA_V
ClientSampleId : ETO79

Tgt Ion: 56 Resp: 5010

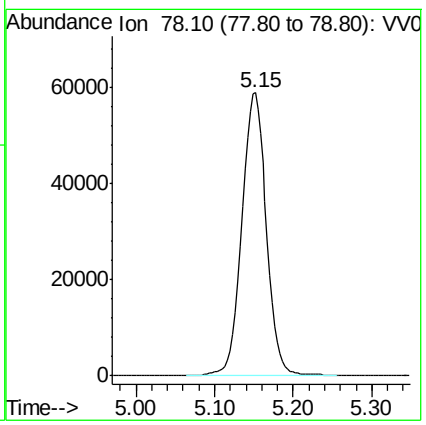
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.2	36.4
84	83.8	65.7	98.5

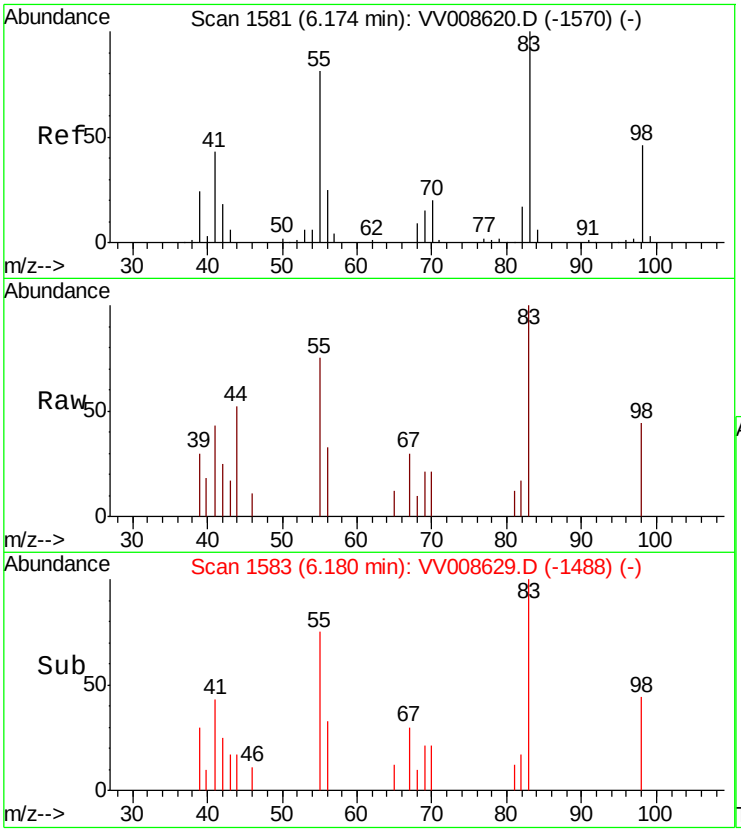




#33
Benzene
Concen: 2.904 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 78 Resp: 129635



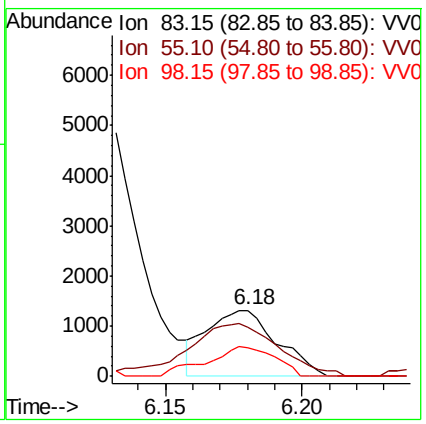


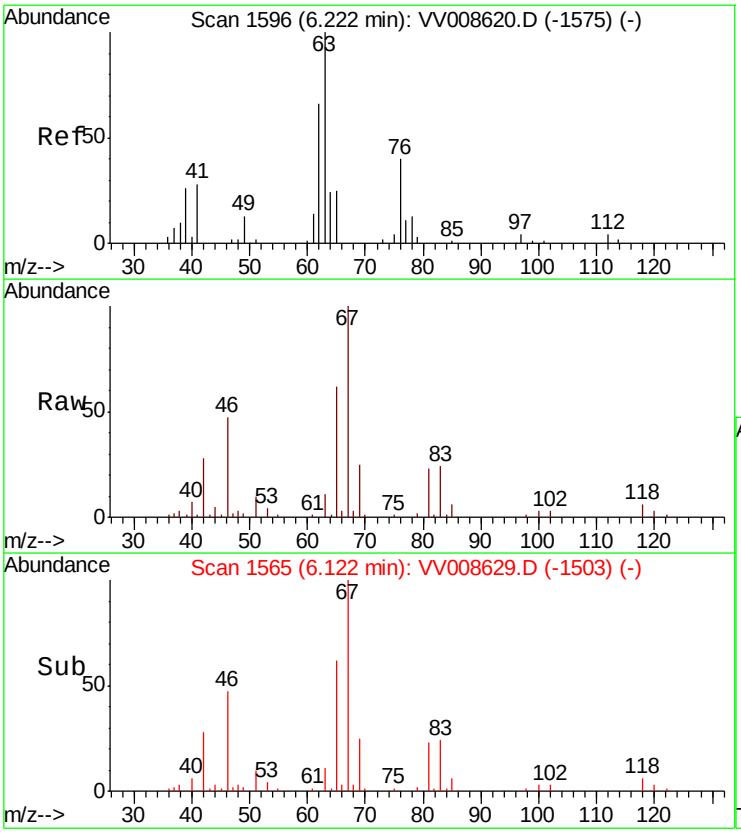
#35
Methylcyclohexane
Concen: 0.119 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion: 83 Resp: 2371

Ion	Ratio	Lower	Upper
83	100		
55	104.6	65.6	98.4#
98	43.1	36.4	54.6

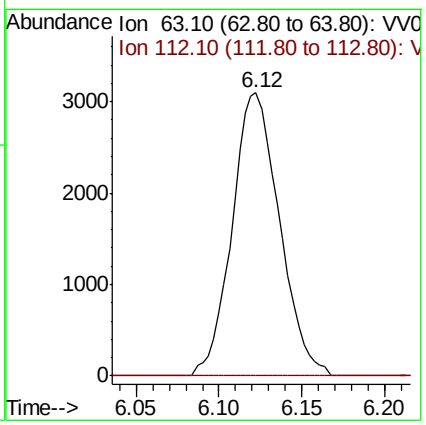


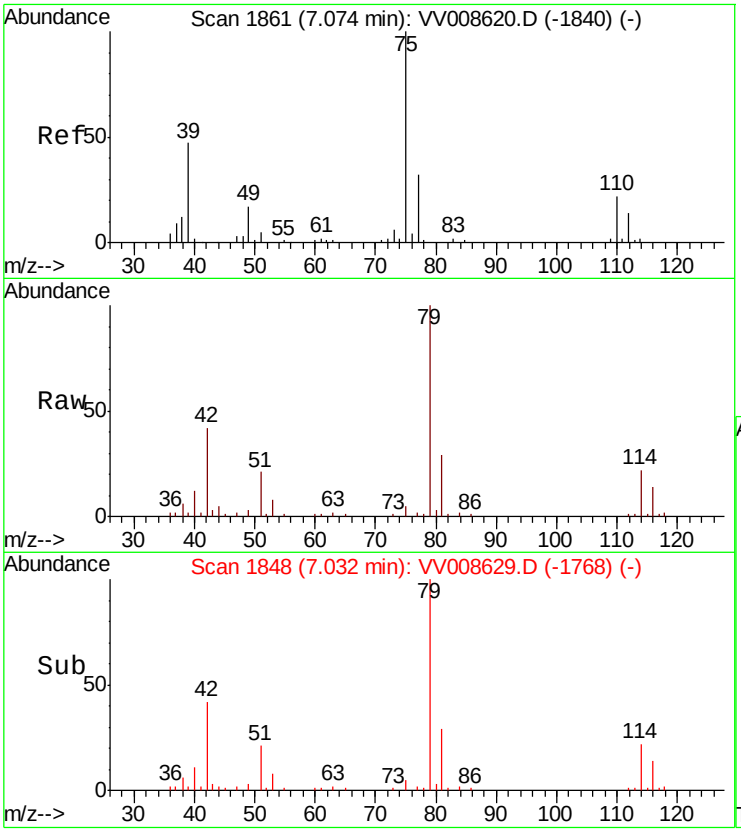


#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 63 Resp: 6136

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



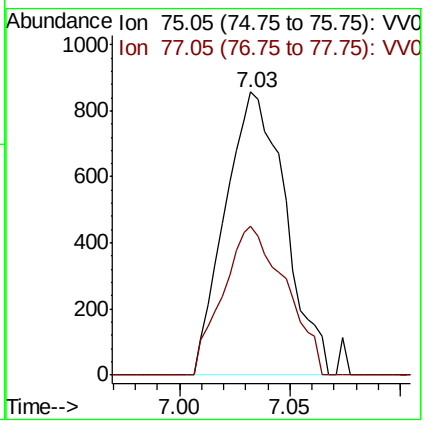


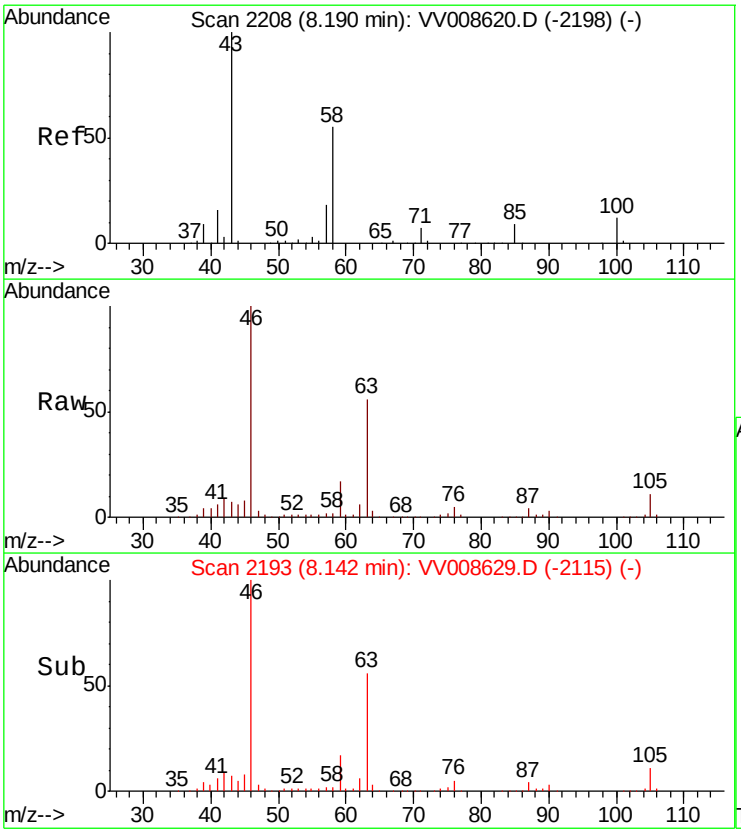
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion: 75 Resp: 1625

Ion	Ratio	Lower	Upper
75	100		
77	52.4	23.0	42.8#

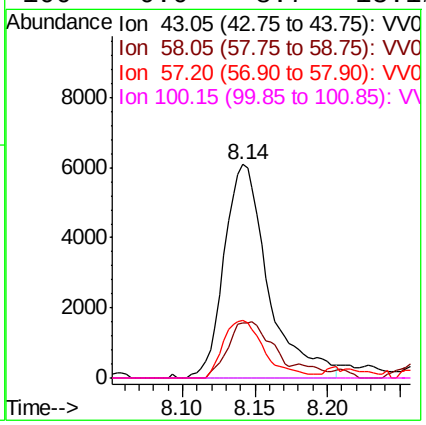


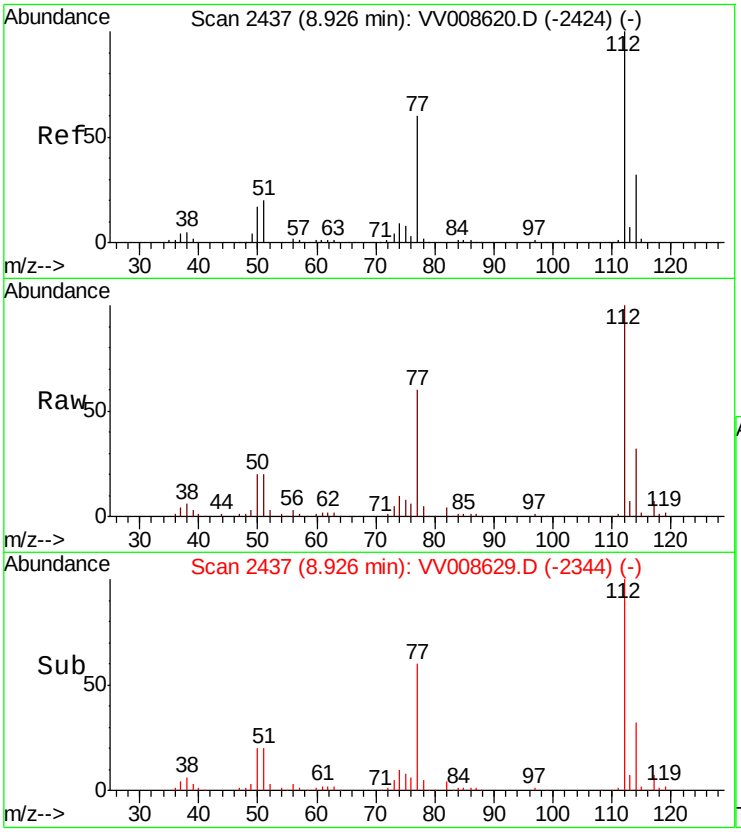


#48
2-Hexanone
Concen: 2.776 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 43 Resp: 12868

Ion	Ratio	Lower	Upper
43	100		
58	25.7	41.8	62.8#
57	25.5	15.4	23.0#
100	0.0	8.7	13.1#



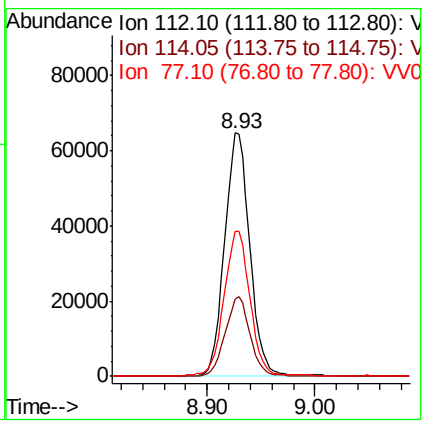


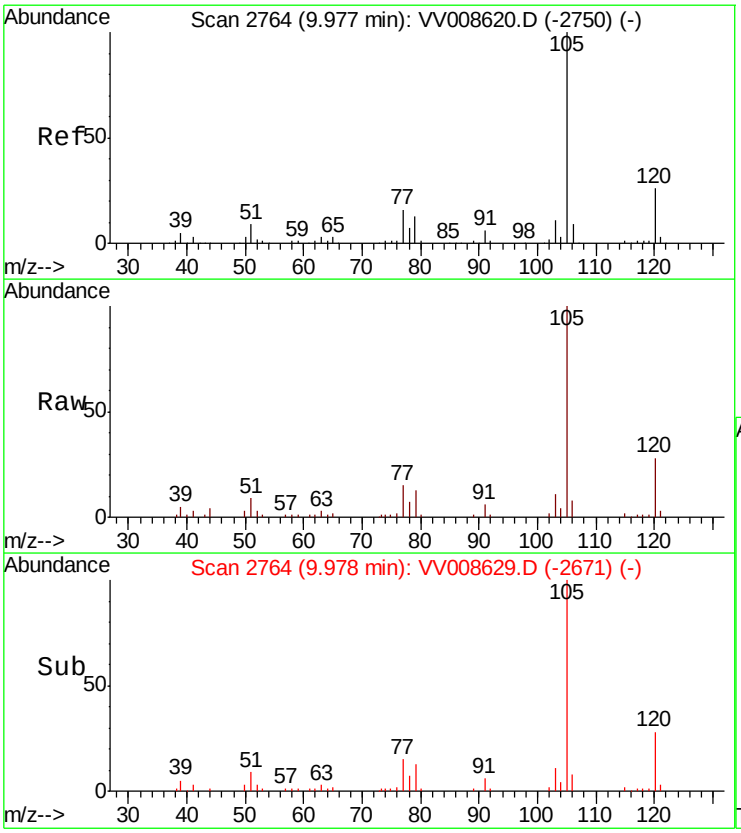
#51
Chlorobenzene
Concen: 3.686 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion:112 Resp: 105782

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.9	40.7
77	59.7	47.9	71.9

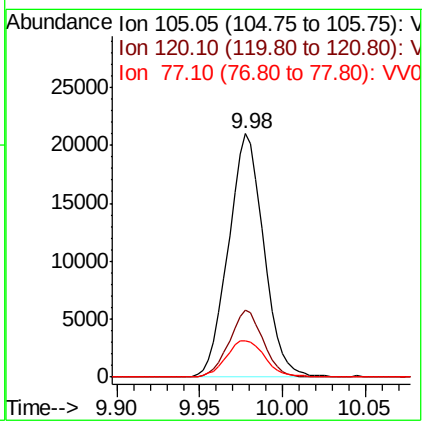


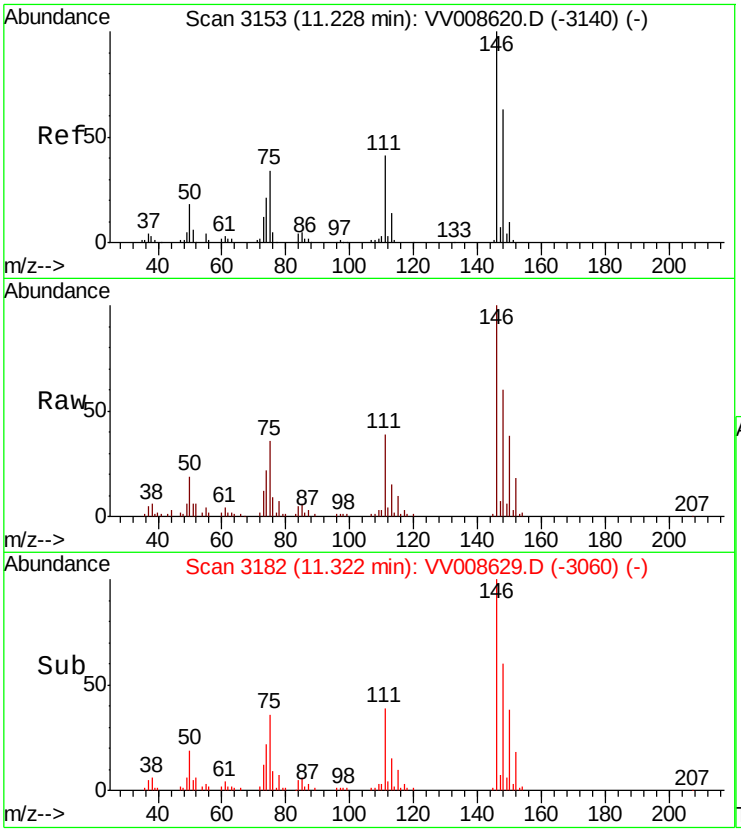


#56
Isopropylbenzene
Concen: 0.630 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion:105 Resp: 31139

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.6
77	16.3	13.0	19.4



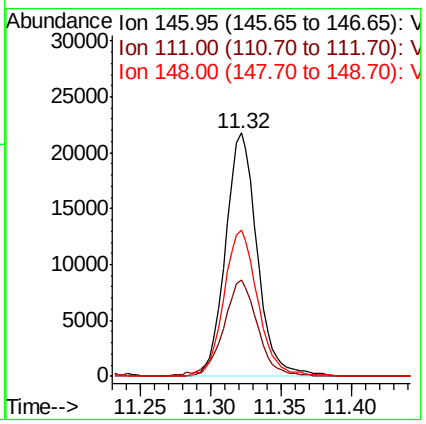


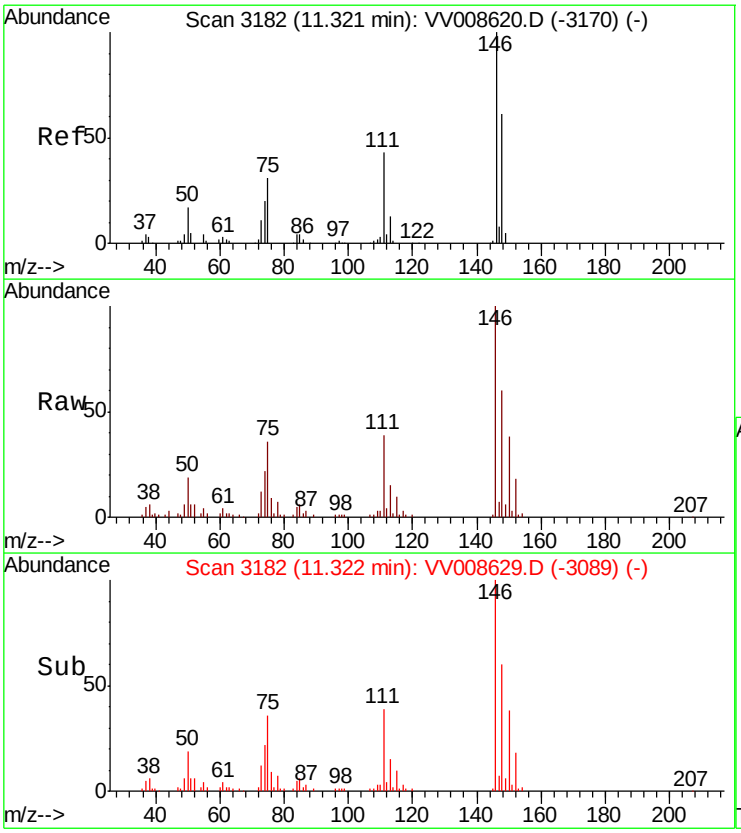
#62
1,3-Dichlorobenzene
Concen: 1.708 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.09 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion:146 Resp: 34100

Ion	Ratio	Lower	Upper
146	100		
111	39.5	28.1	52.1
148	60.0	43.0	80.0

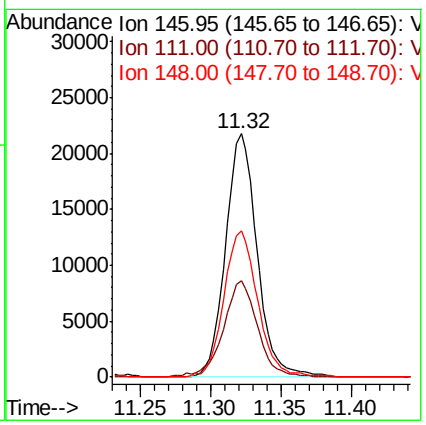


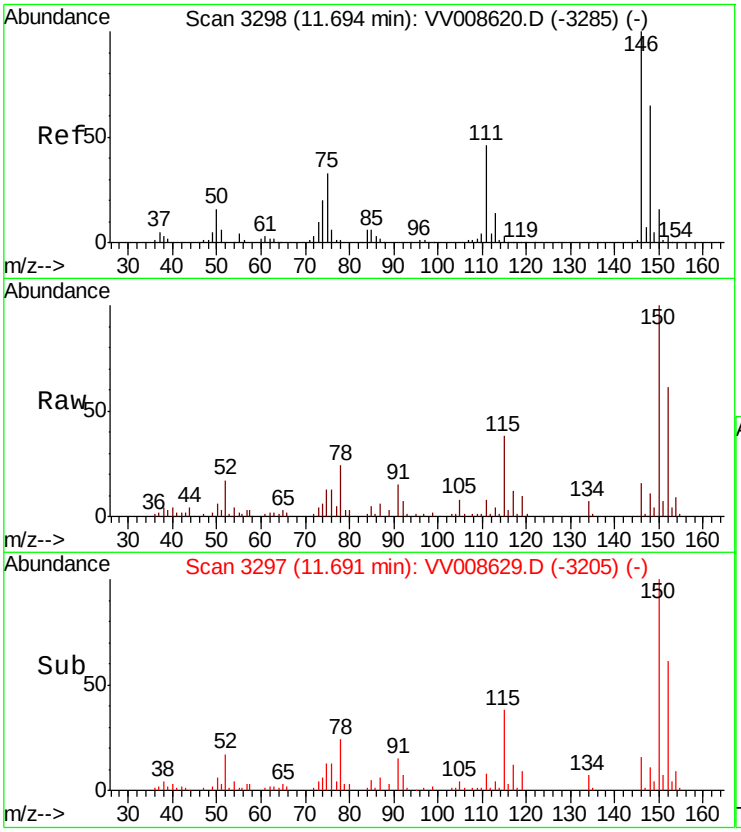


#63
1,4-Dichlorobenzene
Concen: 1.733 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion:146 Resp: 34100

Ion	Ratio	Lower	Upper
146	100		
111	39.5	28.2	52.4
148	60.0	44.1	81.9



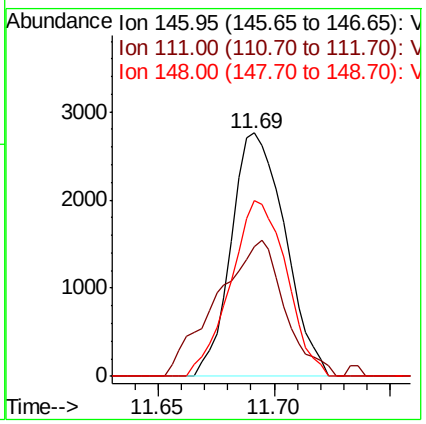


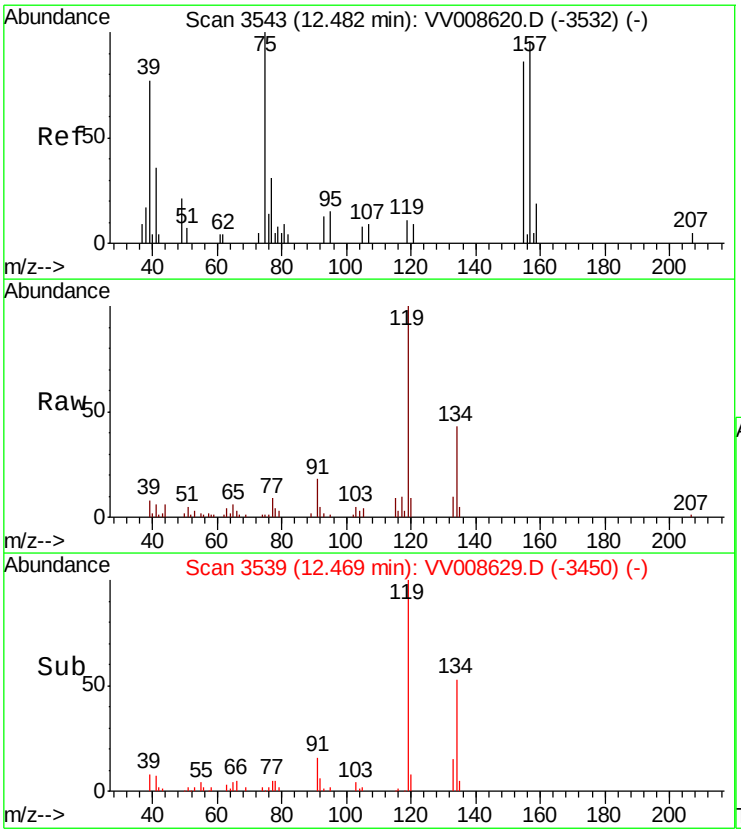
#65
1,2-Dichlorobenzene
Concen: 0.234 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument : MSVOA_V
ClientSampleId : ETO79

Tgt Ion:146 Resp: 4445

Ion	Ratio	Lower	Upper
146	100		
111	53.0	33.5	50.3#
148	72.2	50.0	75.0

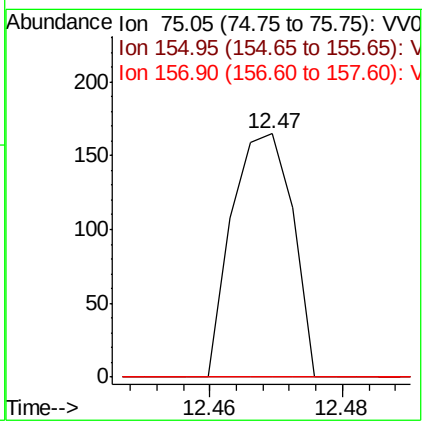


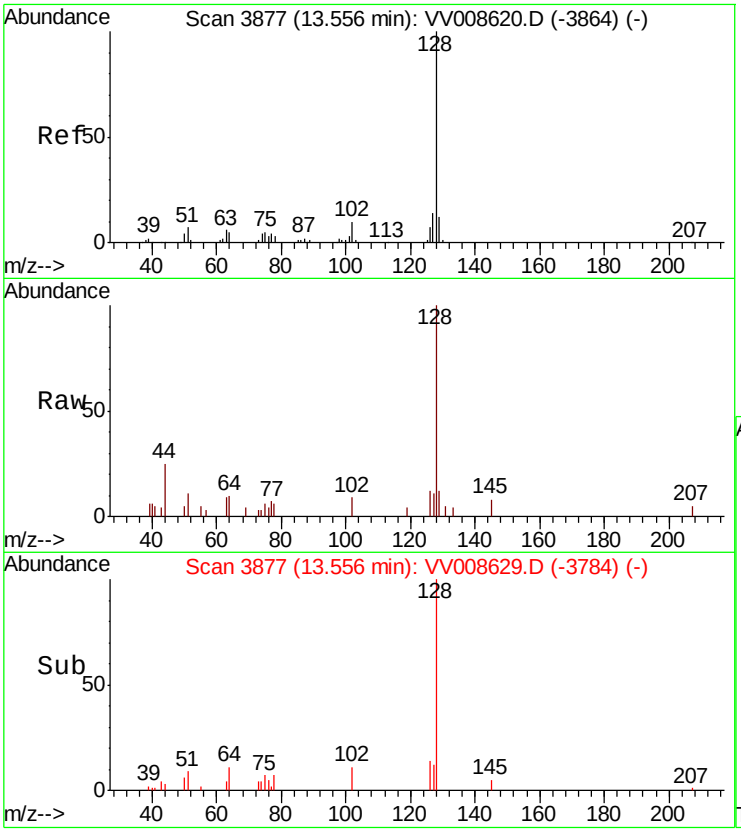


#66
1,2-Dibromo-3-chloropropane
Concen: 0.086 ug/L
RT: 12.47 min Scan# 3539
Delta R.T. -0.01 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Tgt Ion: 75 Resp: 105

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.2	81.2#
157	0.0	67.4	101.2#





#69
Naphthalene
Concen: 0.300 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV008629.D
Acq: 17 Nov 2018 15:13

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Tgt Ion:128 Resp: 5671

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	10.8	10.0	15.0