Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005482.D
Acq On : 22 Oct 2018 20:34
Operator : JC/MD
Sample : J5197-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Quant Time: Oct 23 01:29:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142272	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.30%			
35) Dibromofluoromethane	5.50	113	110937	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
50) Toluene-d8	8.71	98	404063	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.66%			
62) 4-Bromofluorobenzene	11.14	95	133028	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.46%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	205	0.722	ug/l #	59
6) Chloroethane	1.71	64	108	0.398	ug/l #	44
11) Tert butyl alcohol	3.03	59	3086	4.356	ug/l #	77
13) Acrolein	2.30	56	97	Below Cal		92
16) Acetone	2.45	43	10429	7.182	ug/l	93
18) Methyl Acetate	2.78	43	10859	2.629	ug/l	94
20) Methylene Chloride	2.85	84	1946	Below Cal	#	92
25) 2-Butanone	4.71	43	2800	1.318	ug/l	92
29) Tetrahydrofuran	5.16	42	1174	0.866	ug/l #	64
31) Cyclohexane	5.67	56	3947	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15540	4.815	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20568	6.343	ug/l #	16
43) Isopropyl Acetate	6.46	43	153174	27.705	ug/l	96
48) Methyl methacrylate	7.69	41	6855	2.391	ug/l #	21
51) 4-Methyl-2-Pentanone	8.62	43	2695	0.704	ug/l #	46
52) Toluene	8.79	92	1063	0.201	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	854	0.251	ug/l #	72
74) N-amyl acetate	10.83	43	2242	0.533	ug/l #	47
76) 1,2,3-Trichloropropane	11.14	75	67146	23.602	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2308	0.309	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	67146	71.713	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	8145	1.060	ug/l	97
89) n-Butylbenzene	12.38	91	1656	0.226	ug/l #	49
90) Hexachloroethane	12.59	117	358	0.257	ug/l #	3
95) Naphthalene	13.83	128	7707	0.762	ug/l	95

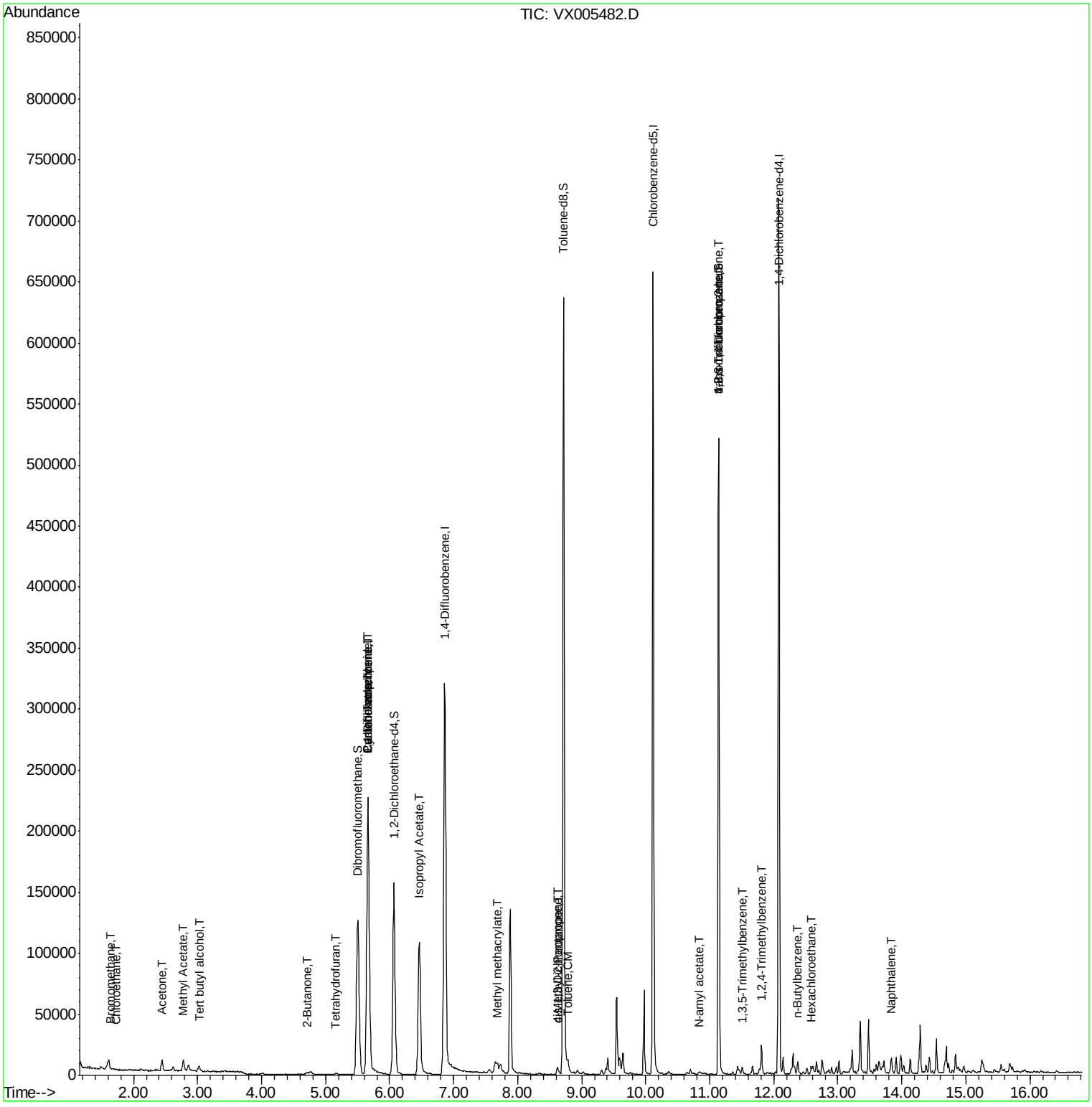
(#) = qualifier out of range (m) = manual integration (+) = signals summed

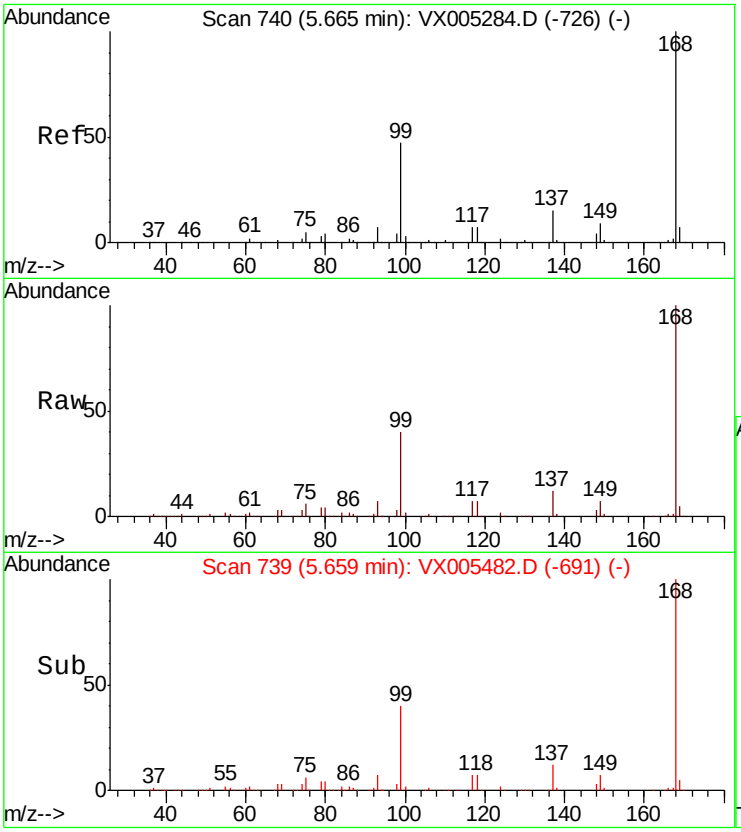
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005482.D
Acq On : 22 Oct 2018 20:34
Operator : JC/MD
Sample : J5197-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Quant Time: Oct 23 01:29:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



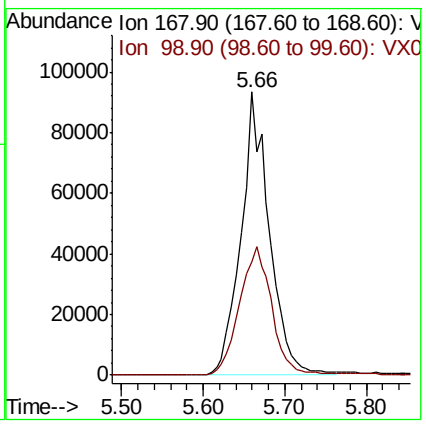


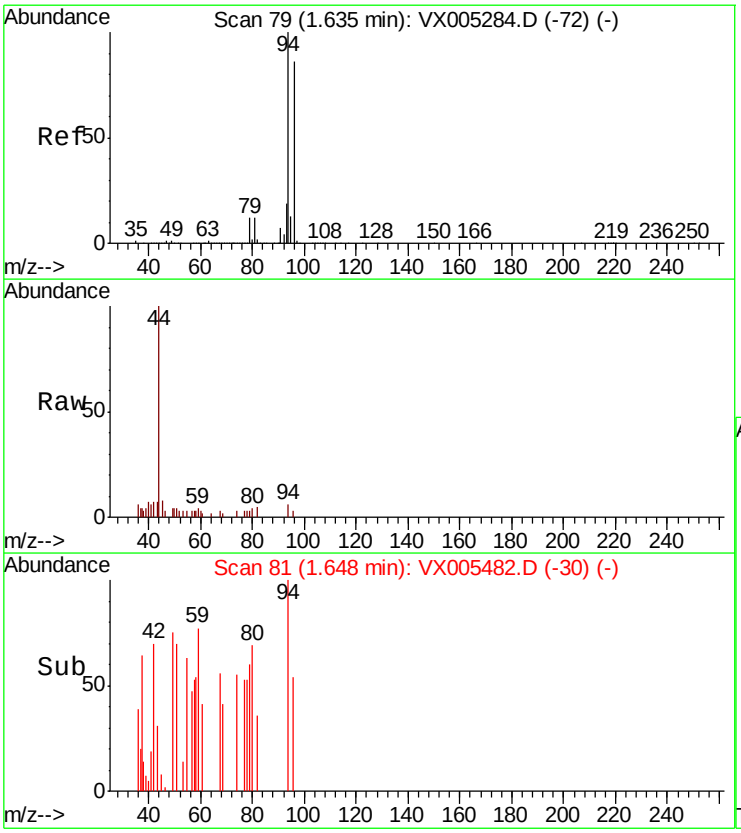
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion:168 Resp: 226280

Ion	Ratio	Lower	Upper
168	100		
99	39.9	39.9	59.9

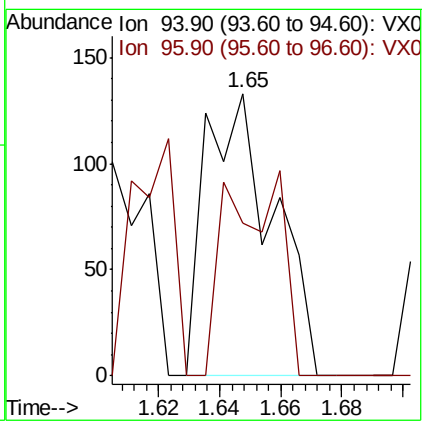


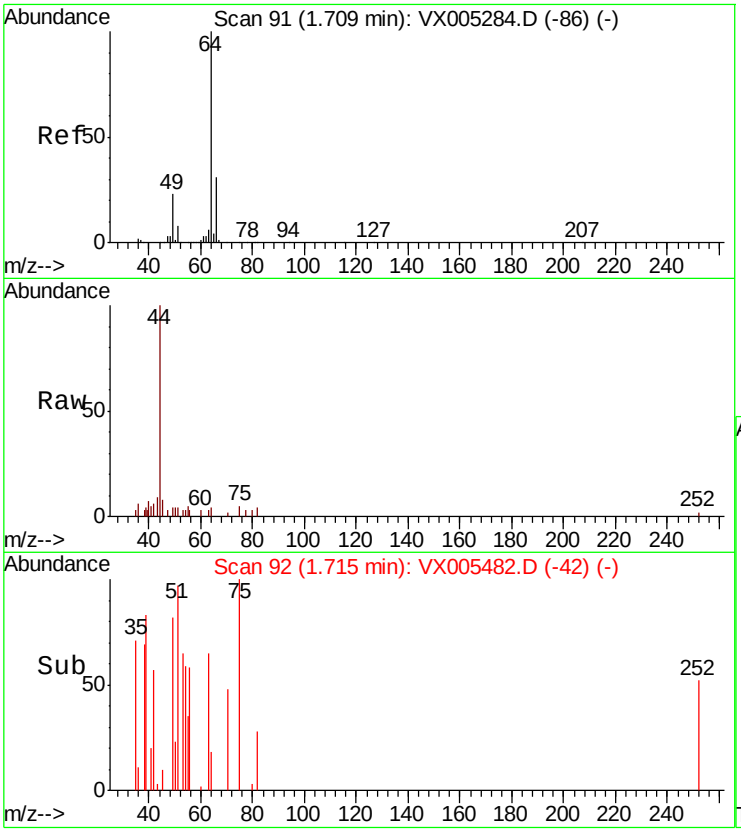


#5
Bromomethane
Concen: 0.722 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 94 Resp: 205

Ion	Ratio	Lower	Upper
94	100		
96	54.1	74.5	111.7#



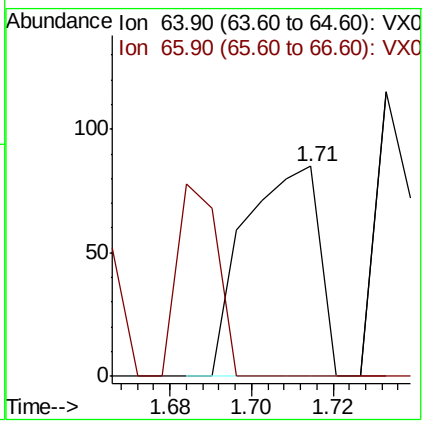


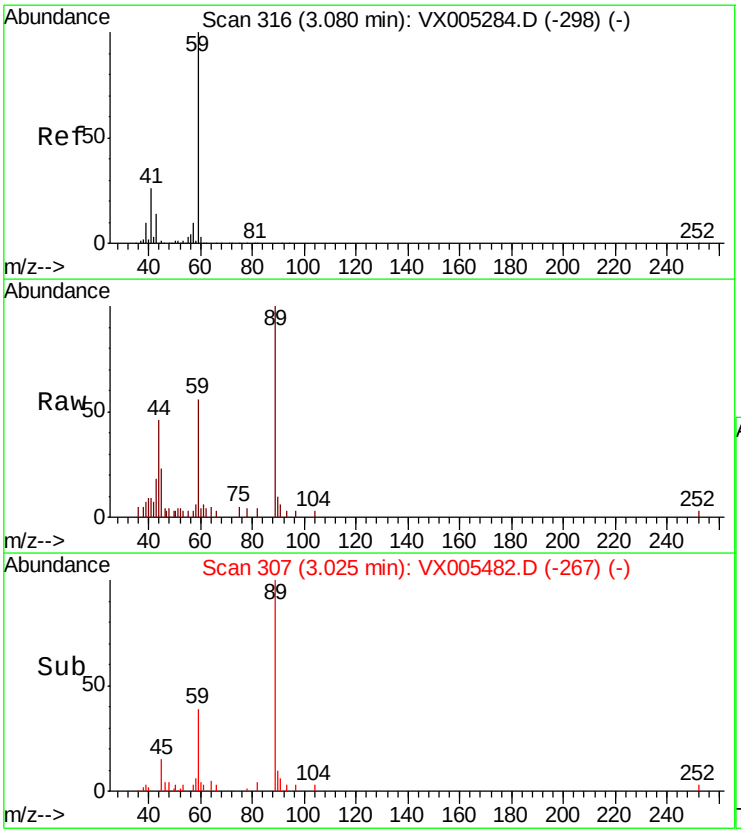
#6
Chloroethane
Concen: 0.398 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 64 Resp: 108

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

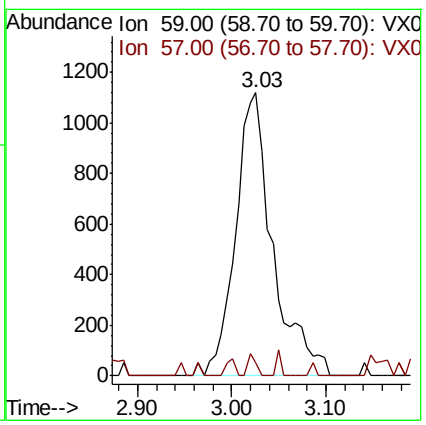


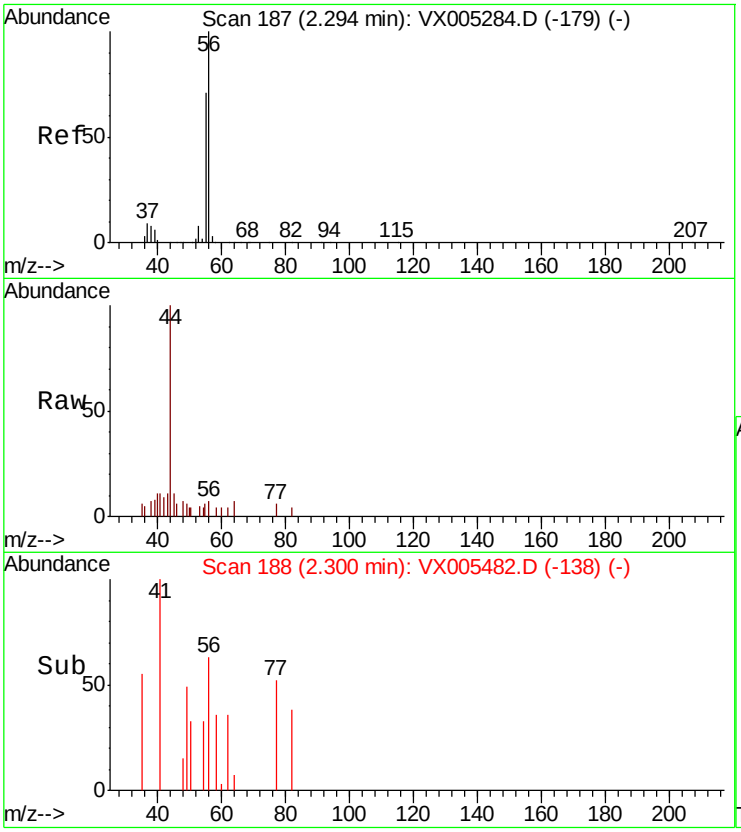


#11
Tert butyl alcohol
Concen: 4.356 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 59 Resp: 3086

Ion	Ratio	Lower	Upper
59	100		
57	1.7	8.2	12.4#



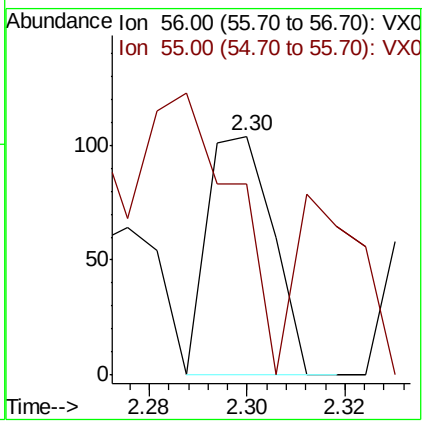


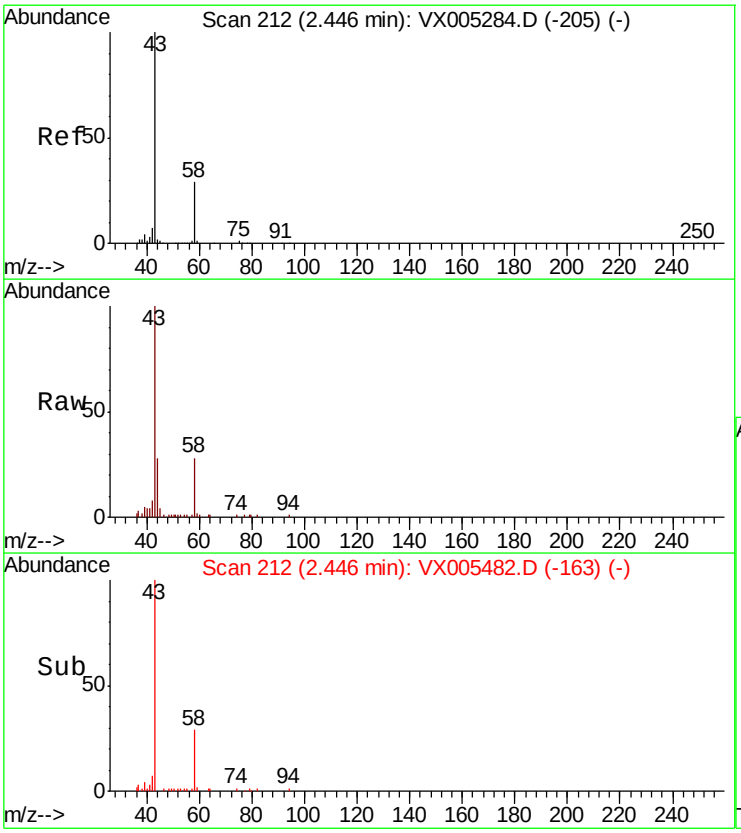
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 56 Resp: 97

Ion	Ratio	Lower	Upper
56	100		
55	75.3	54.7	82.1

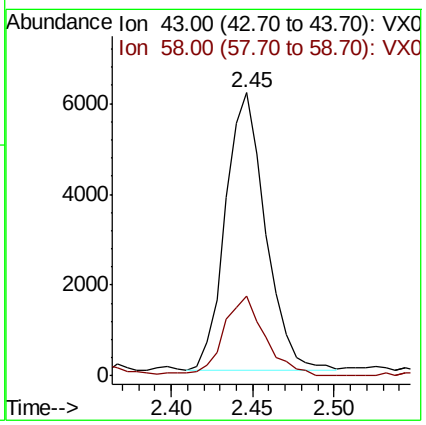


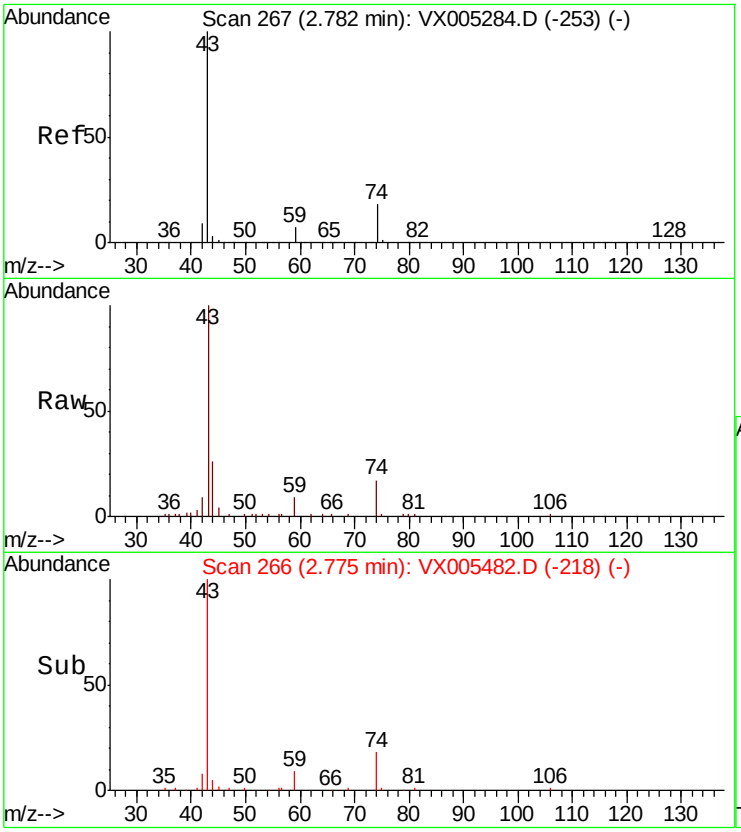


#16
Acetone
Concen: 7.182 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 43 Resp: 10429

Ion	Ratio	Lower	Upper
43	100		
58	28.9	26.2	39.4



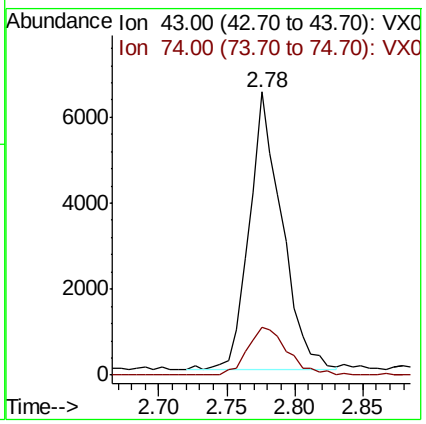


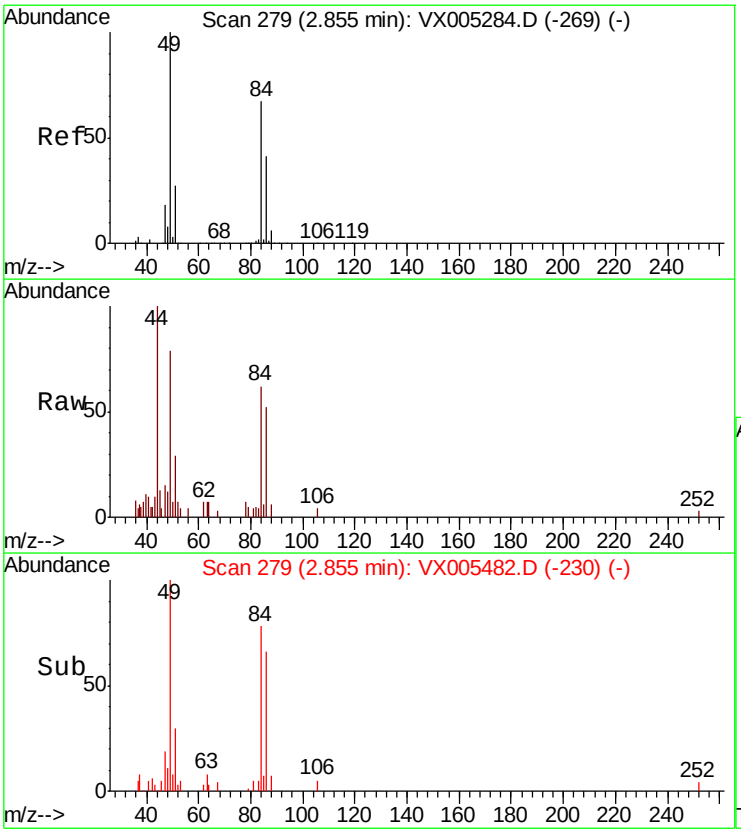
#18
Methyl Acetate
Concen: 2.629 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 43 Resp: 10859

Ion	Ratio	Lower	Upper
43	100		
74	21.3	19.4	29.2

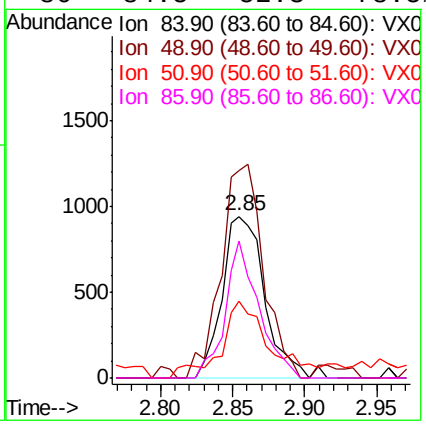


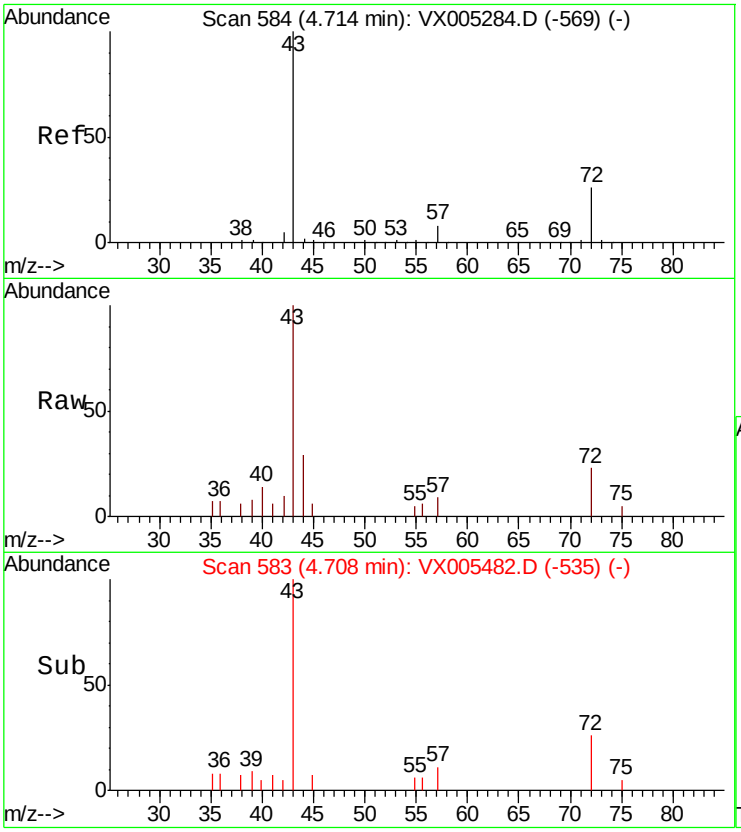


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 84 Resp: 1946

Ion	Ratio	Lower	Upper
84	100		
49	128.3	101.2	151.8
51	39.1	29.5	44.3
86	84.5	52.3	78.5#



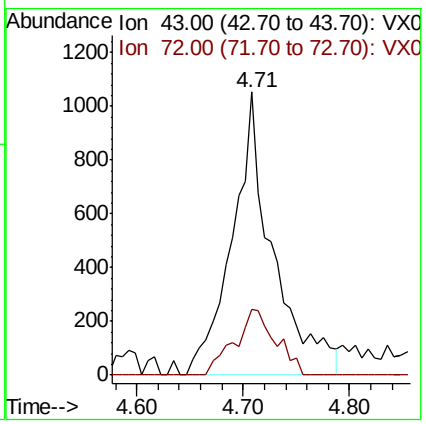


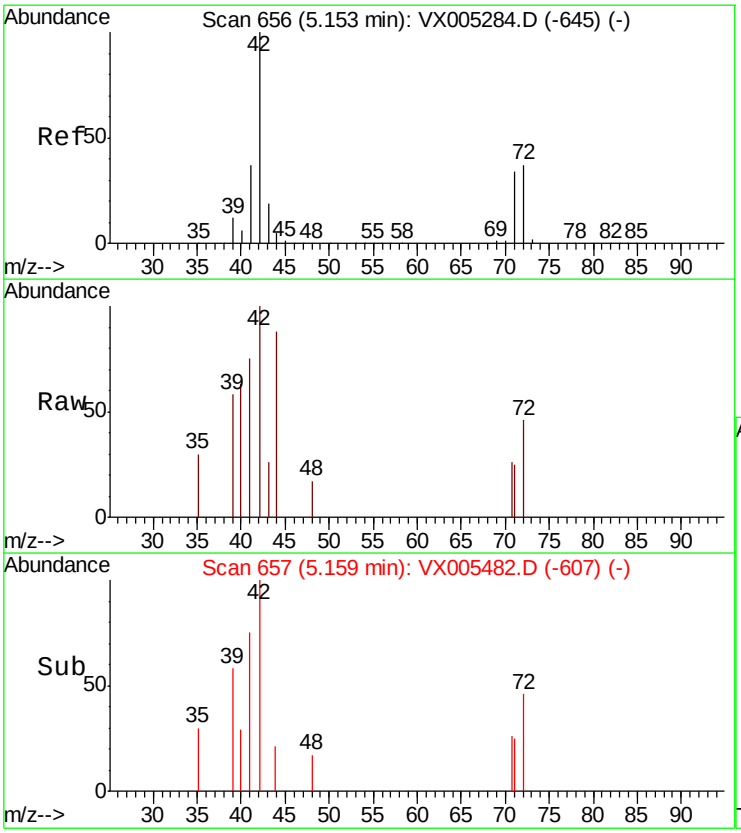
#25
2-Butanone
Concen: 1.318 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 43 Resp: 2800

Ion	Ratio	Lower	Upper
43	100		
72	23.1	22.0	33.0

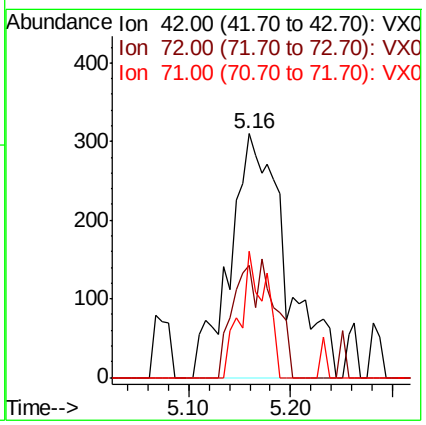


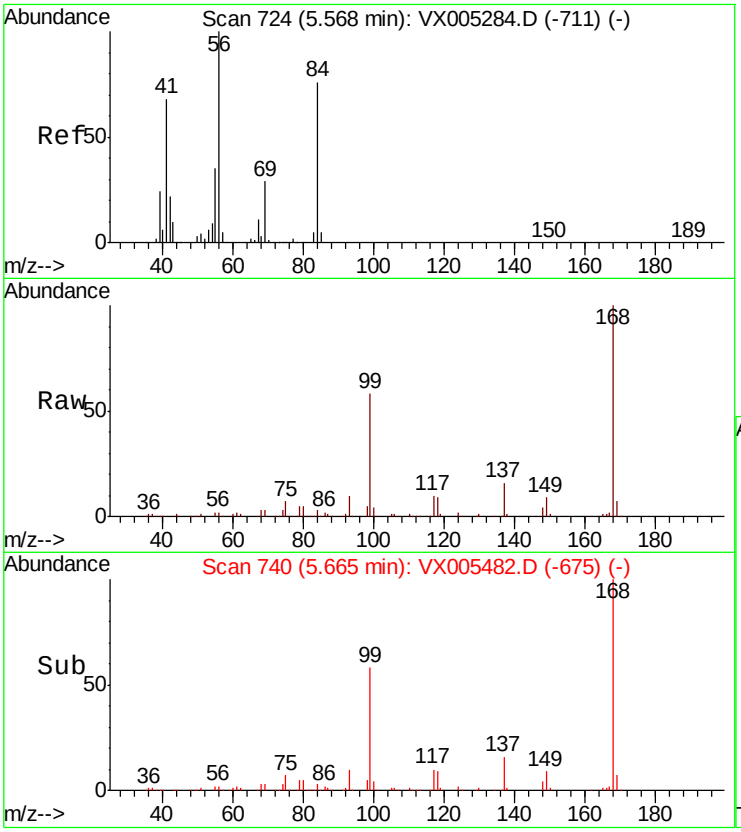


#29
Tetrahydrofuran
Concen: 0.866 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 42 Resp: 1174

Ion	Ratio	Lower	Upper
42	100		
72	18.9	37.4	56.0#
71	24.1	34.5	51.7#



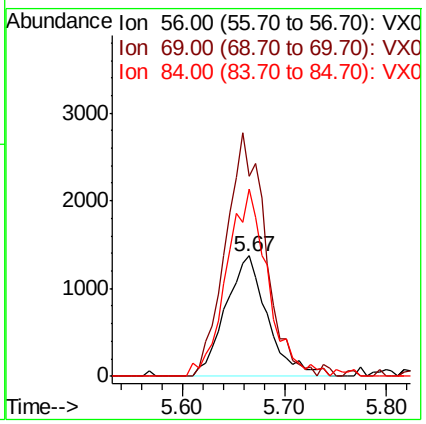


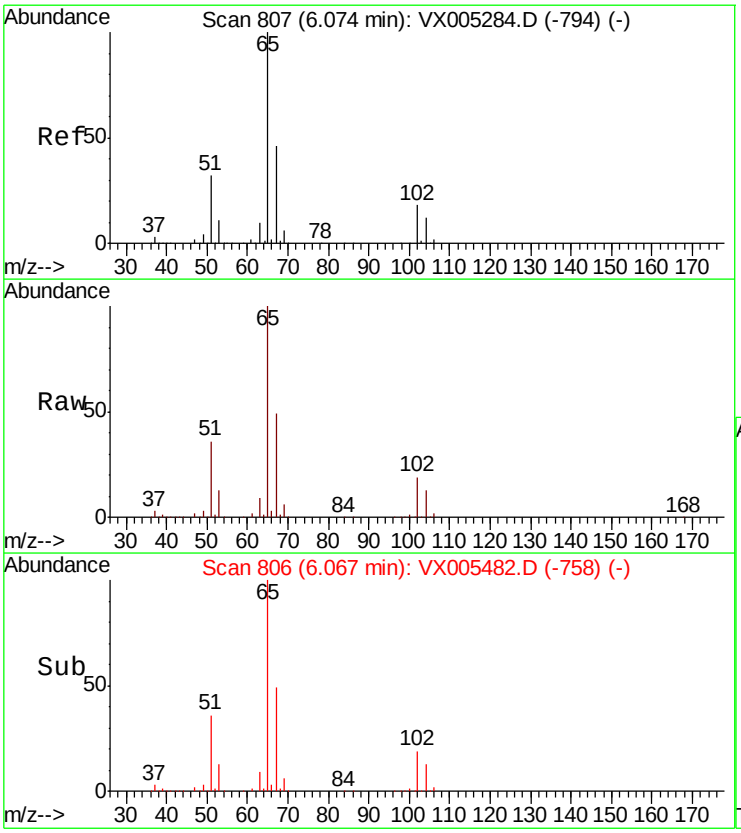
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 56 Resp: 3947

Ion	Ratio	Lower	Upper
56	100		
69	166.1	25.4	38.2#
84	161.3	71.4	107.2#

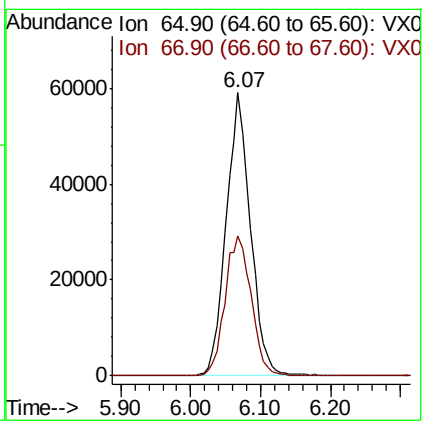


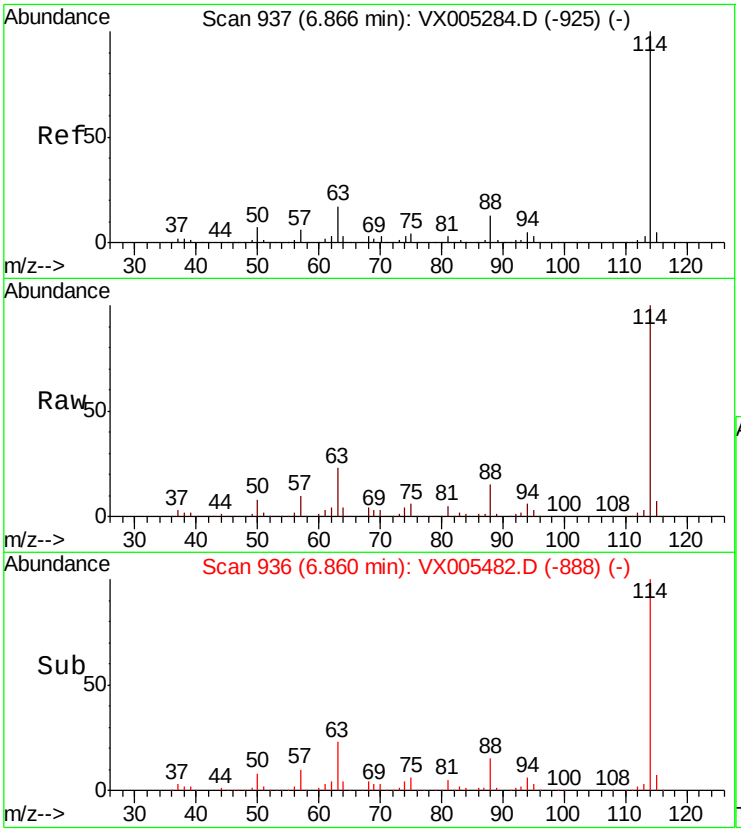


#33
1,2-Dichloroethane-d4
Concen: 56.651 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 65 Resp: 142272

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



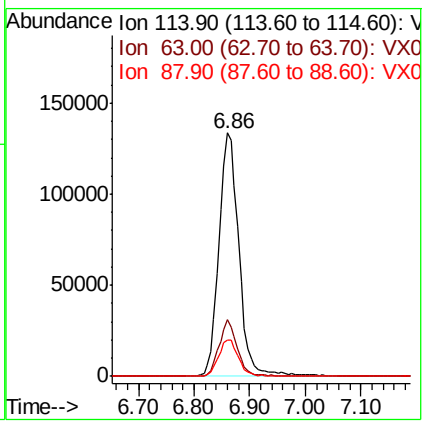


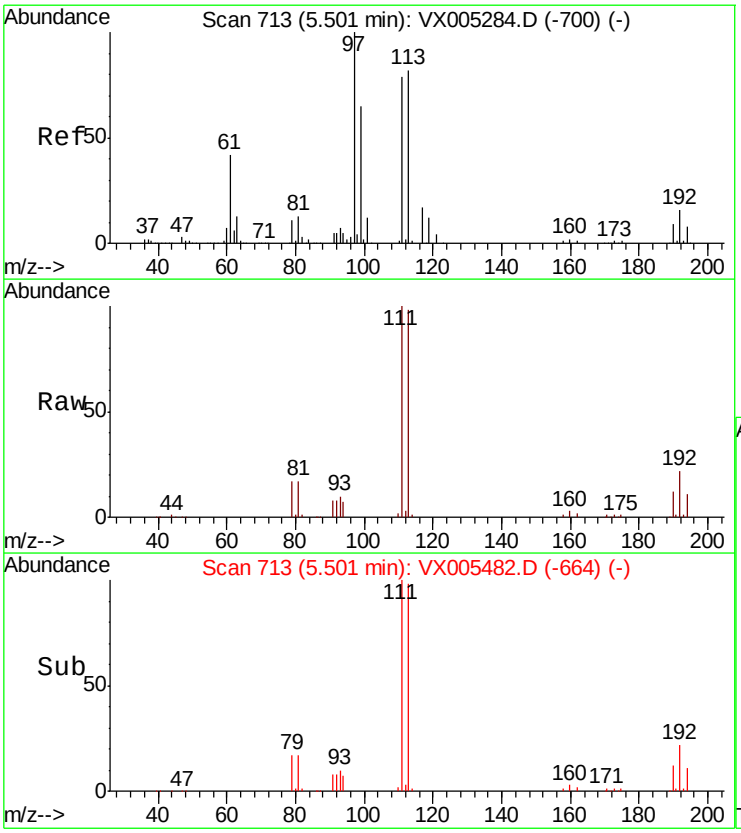
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion:114 Resp: 333235

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	39.0
88	14.9	0.0	30.4

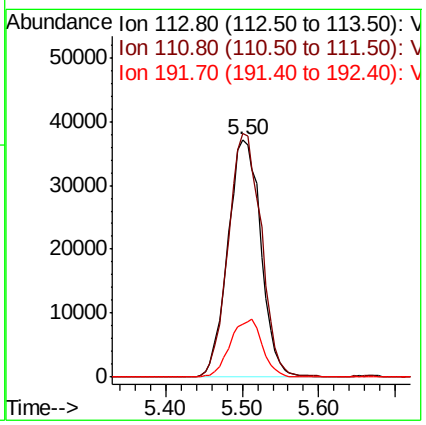


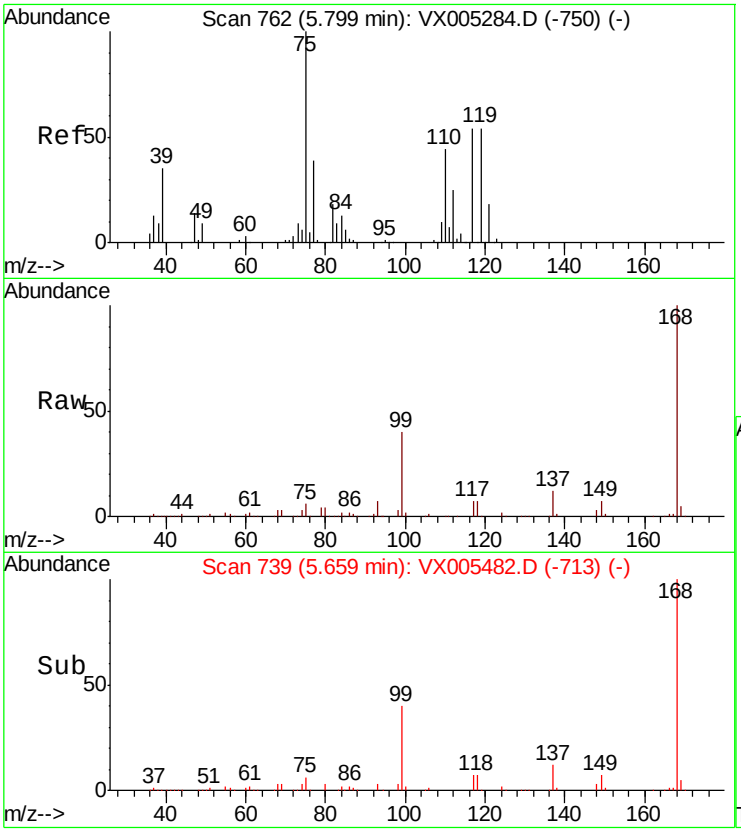


#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:113 Resp: 110937

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	23.8	19.4	29.2



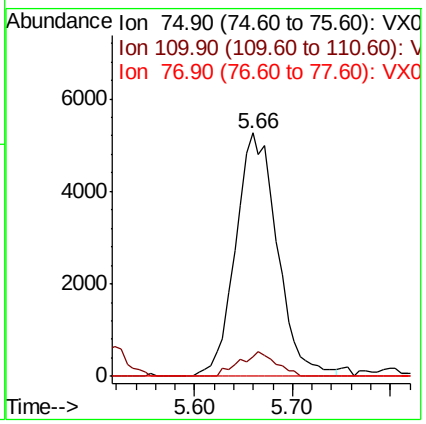


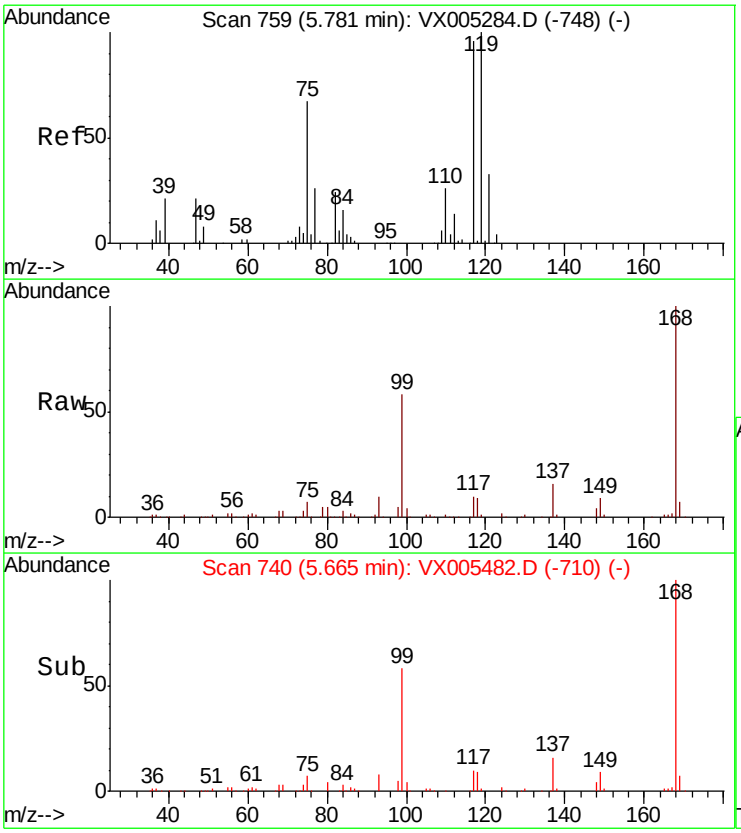
#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 75 Resp: 15540

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.0	54.0#
77	0.0	24.6	36.8#

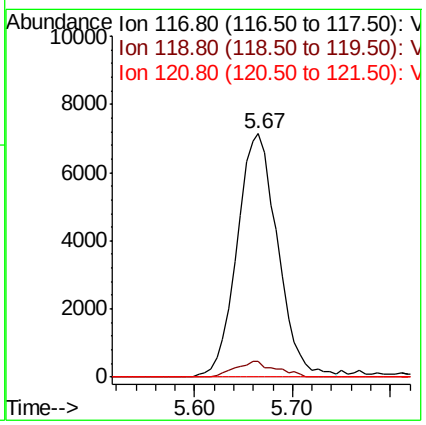


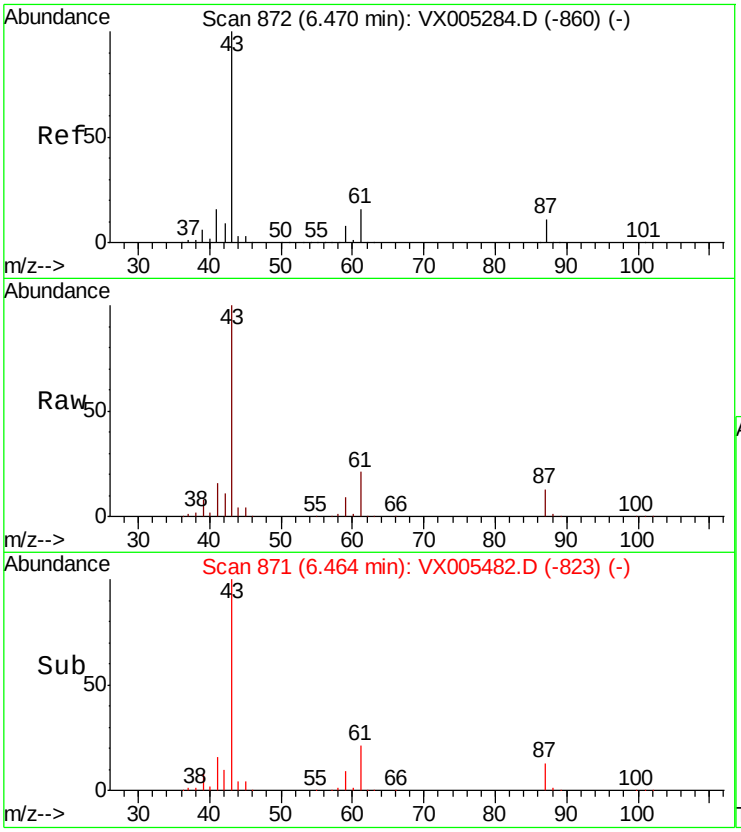


#38
Carbon Tetrachloride
Concen: 6.343 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:117 Resp: 20568

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.8	118.2#
121	0.0	24.9	37.3#



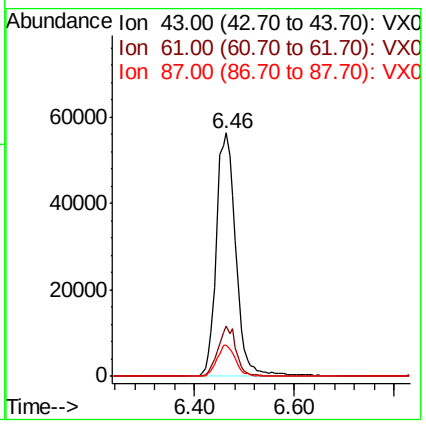


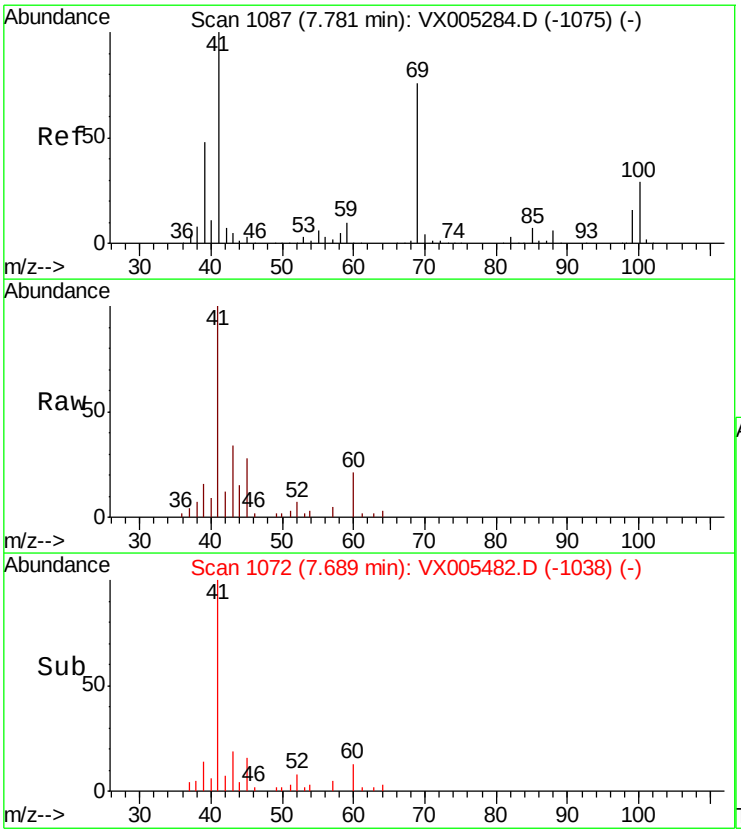
#43
Isopropyl Acetate
Concen: 27.705 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 43 Resp: 153174

Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.0	25.4
87	12.5	11.4	17.2

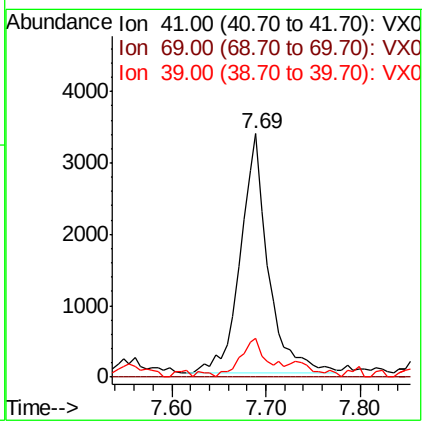


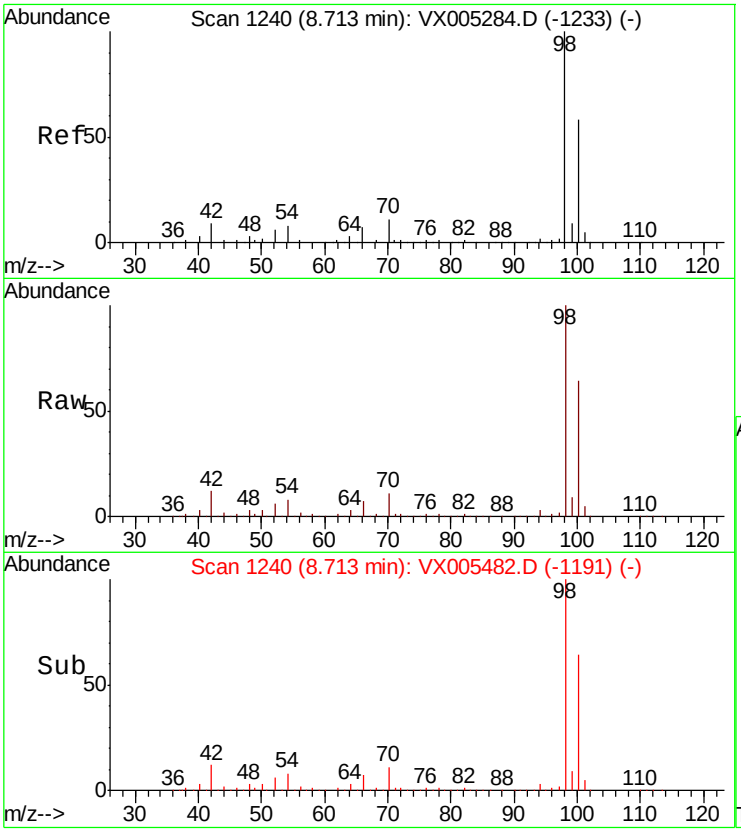


#48
Methyl methacrylate
Concen: 2.391 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 41 Resp: 6855

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	15.7	42.7	64.1#



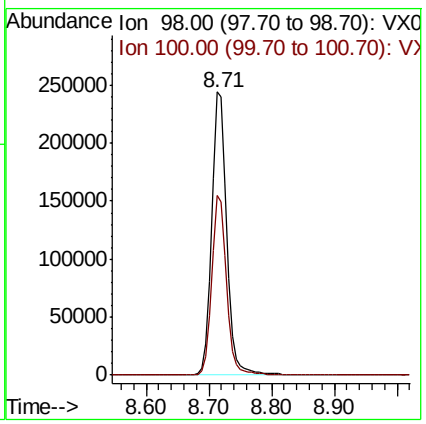


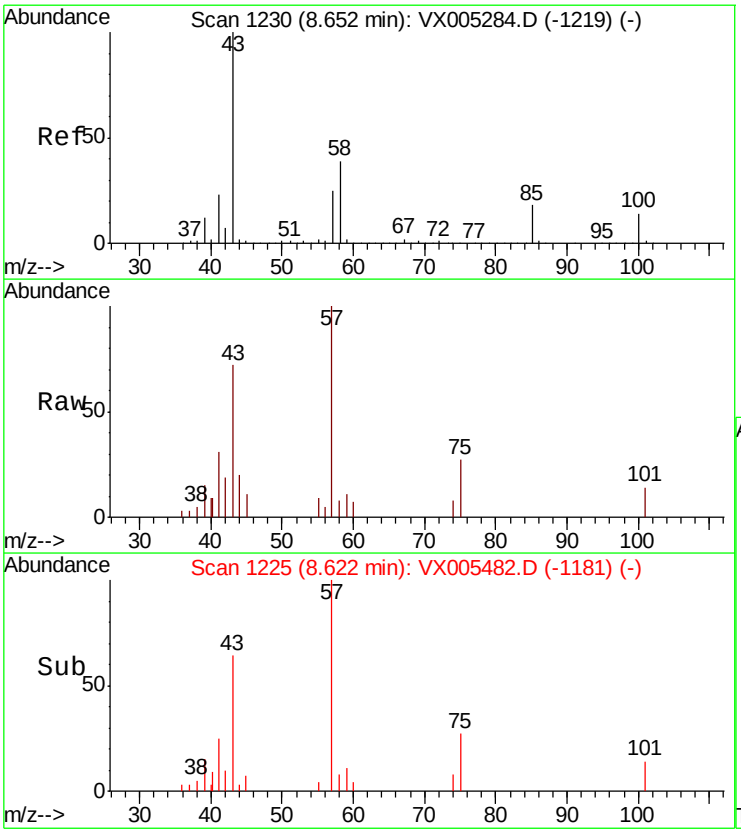
#50
Toluene-d8
Concen: 53.327 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 98 Resp: 404063

Ion	Ratio	Lower	Upper
98	100		
100	62.5	52.9	79.3

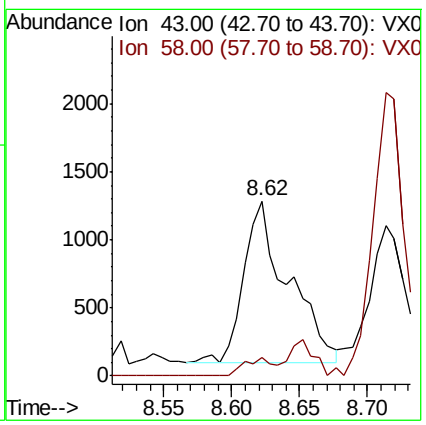


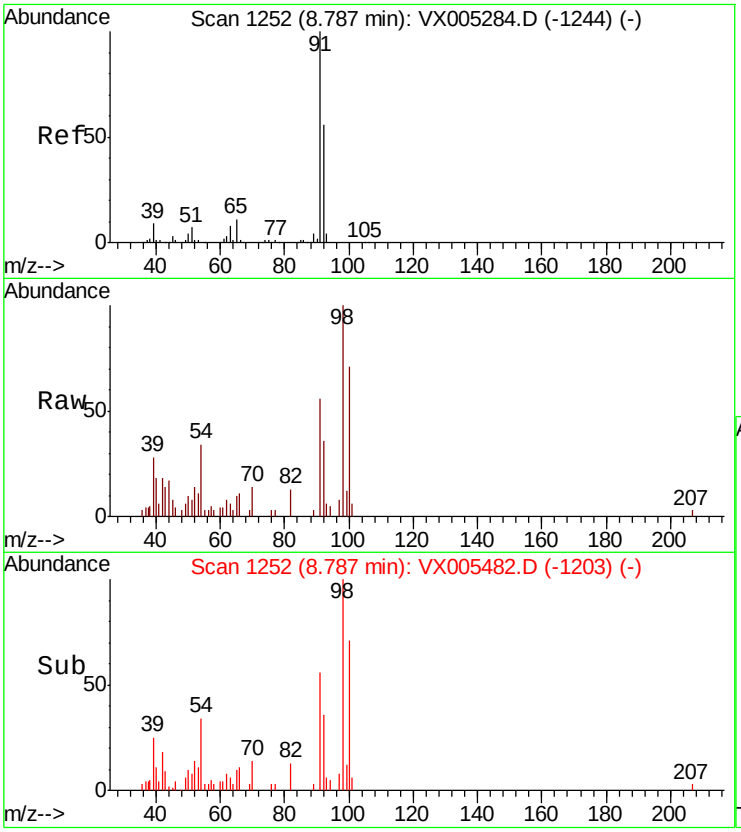


#51
4-Methyl-2-Pentanone
Concen: 0.704 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 43 Resp: 2695

Ion	Ratio	Lower	Upper
43	100		
58	7.7	33.1	49.7#



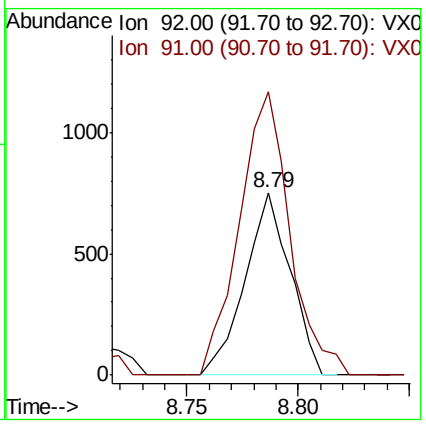


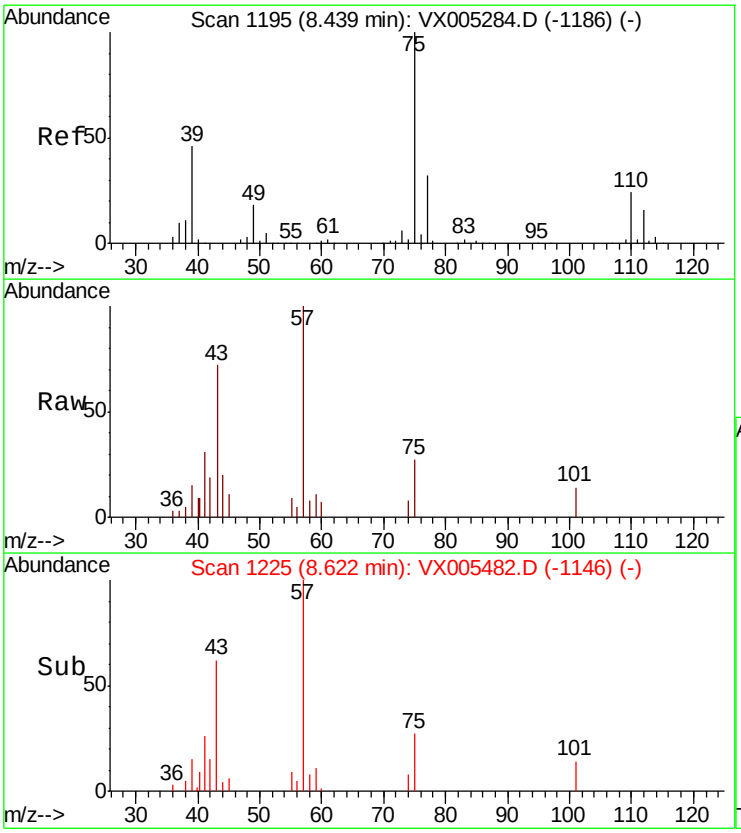
#52
Toluene
Concen: 0.201 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 92 Resp: 1063

Ion	Ratio	Lower	Upper
92	100		
91	173.8	136.4	204.6

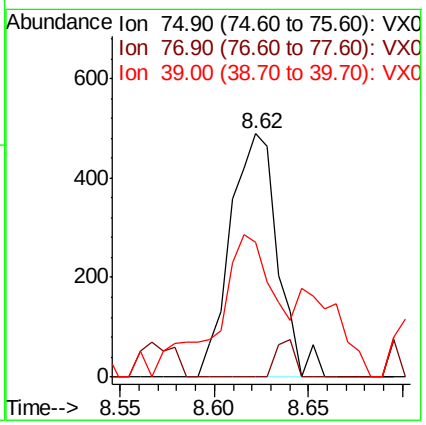


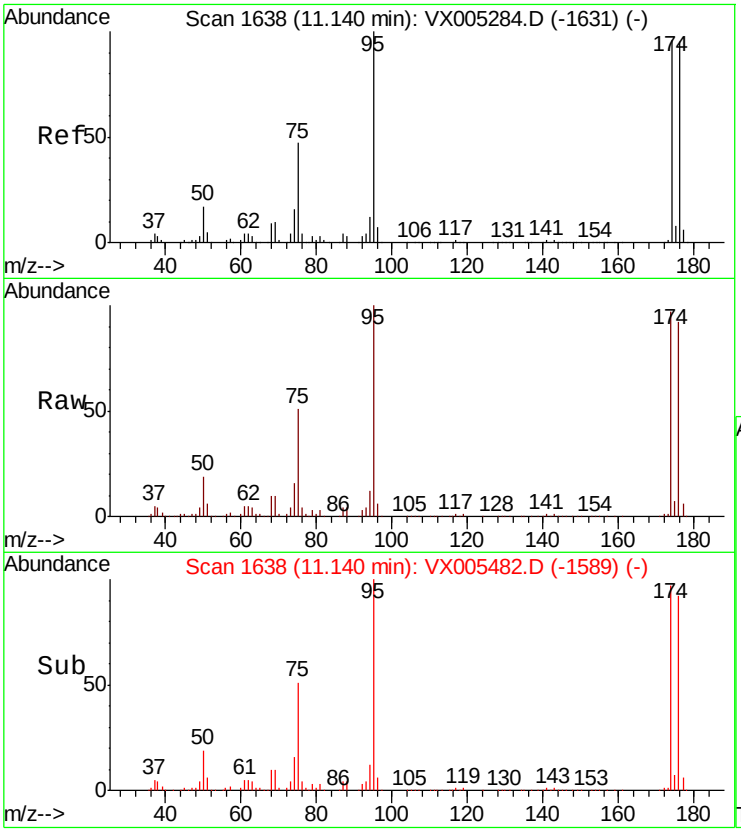


#54
cis-1,3-Dichloropropene
Concen: 0.251 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 75 Resp: 854

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	41.1	36.4	54.6



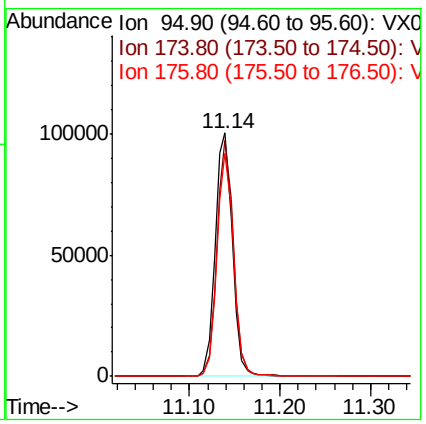


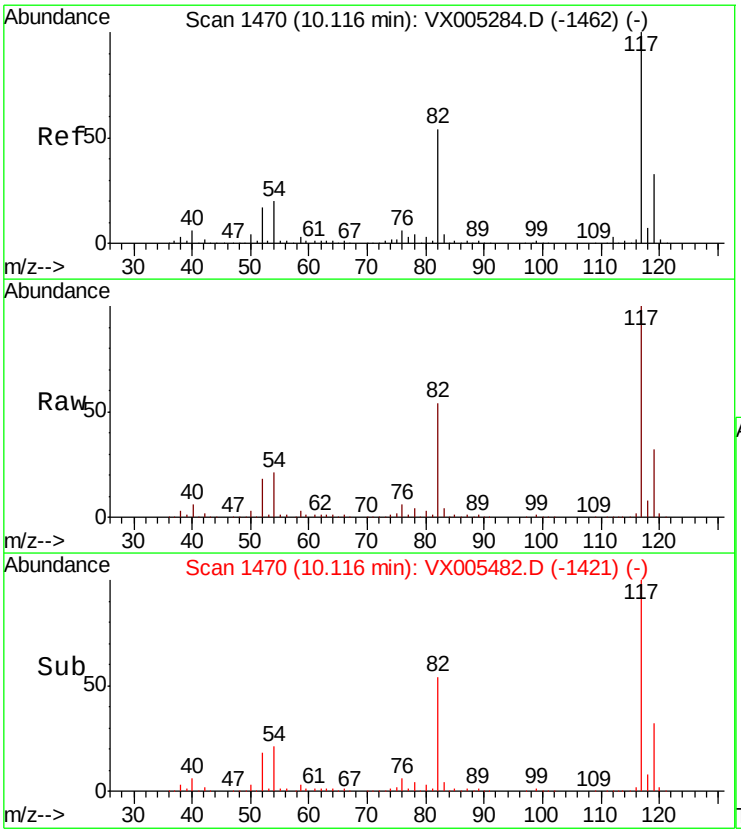
#62
4-Bromofluorobenzene
Concen: 46.735 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 95 Resp: 133028

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	185.2
176	88.9	0.0	178.6

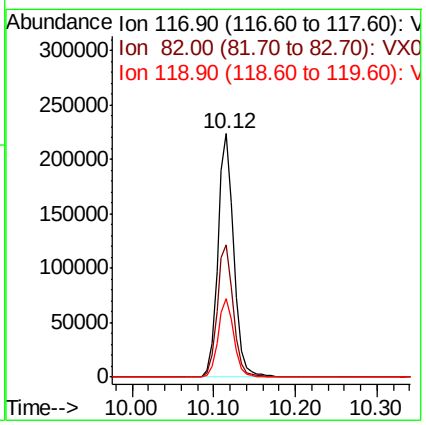


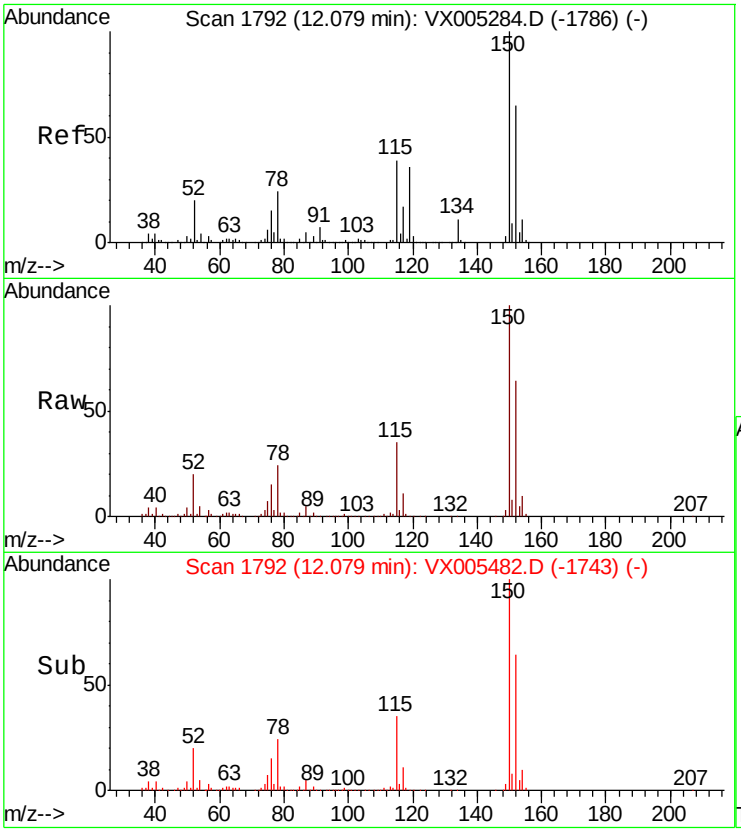


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:117 Resp: 304869

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.8	71.6
119	32.5	29.3	43.9



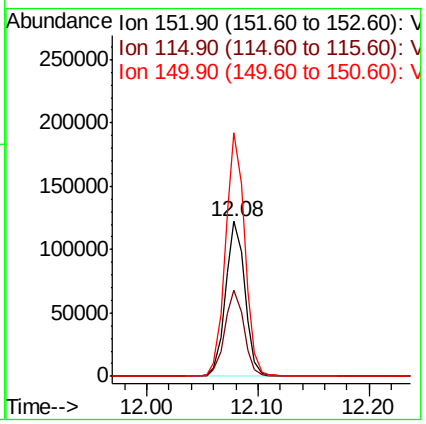


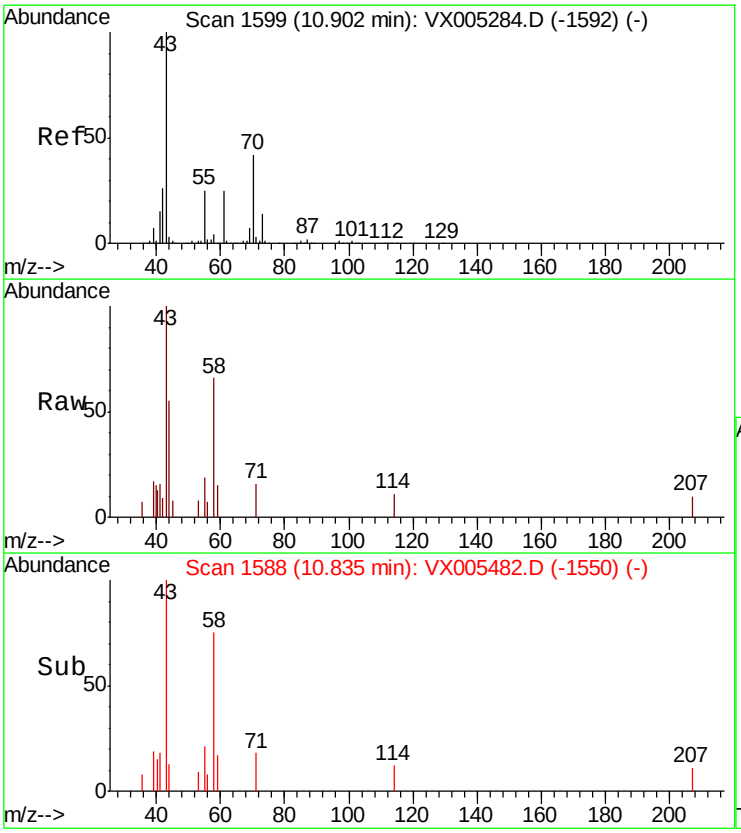
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion:152 Resp: 146670

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.0	117.0
150	156.2	0.0	351.0

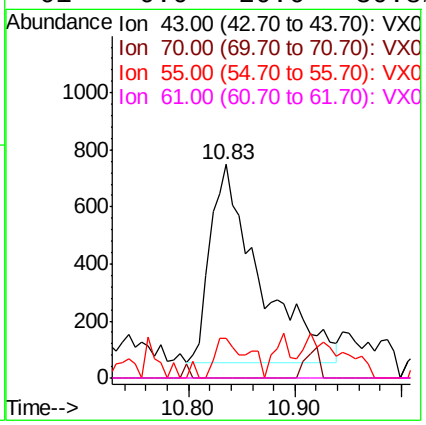


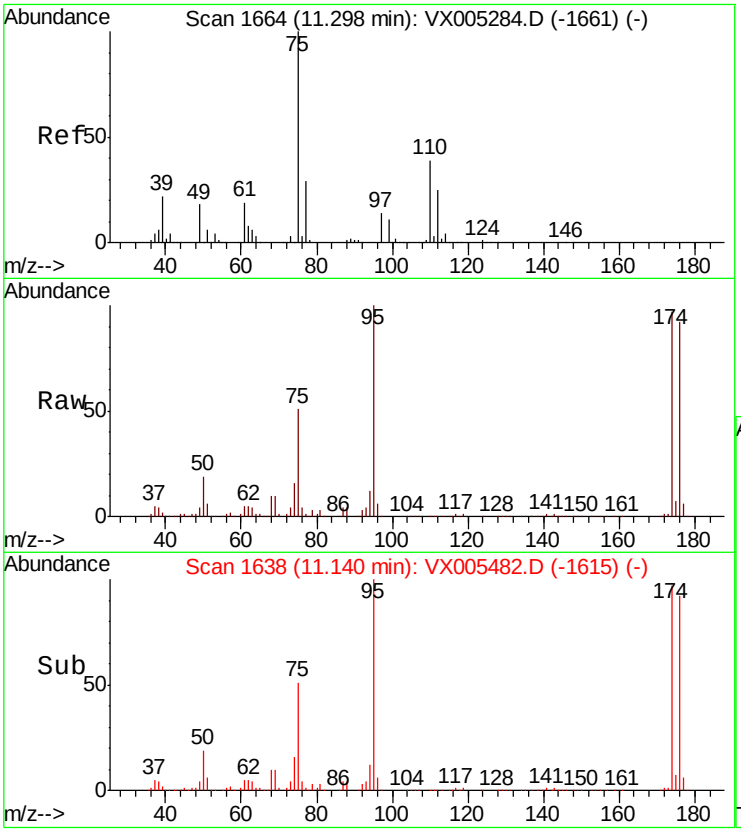


#74
N-amyl acetate
Concen: 0.533 ug/l
RT: 10.83 min Scan# 1588
Delta R.T. -0.07 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion: 43 Resp: 2242

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.4	56.0#
55	13.1	21.8	32.8#
61	0.0	20.6	30.8#



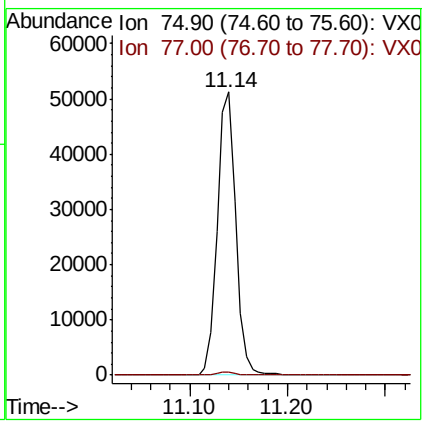


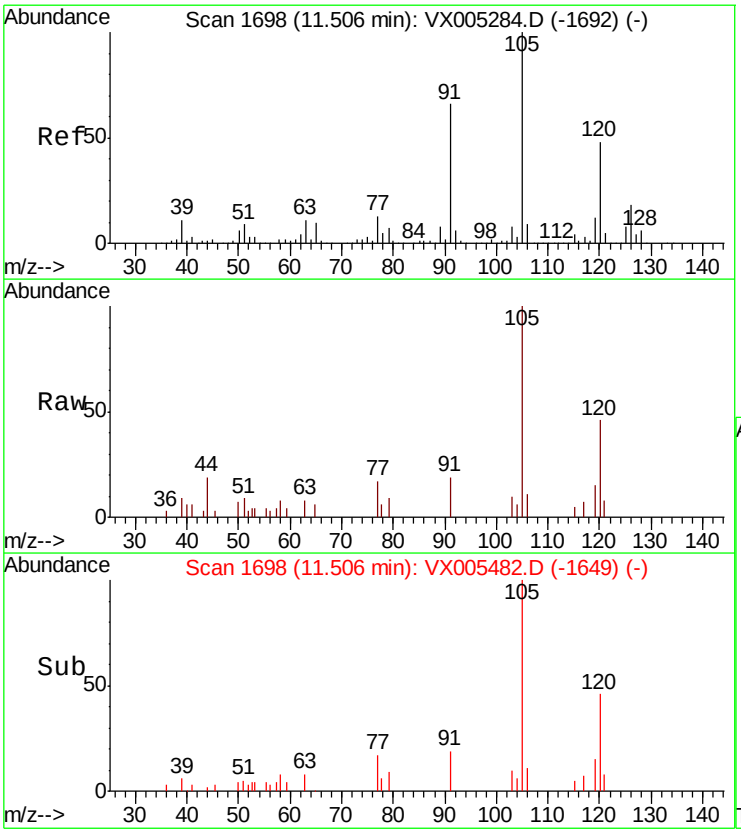
#76
1,2,3-Trichloropropane
Concen: 23.602 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion: 75 Resp: 67146

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#

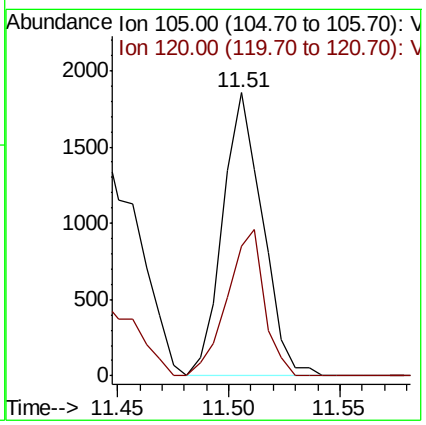


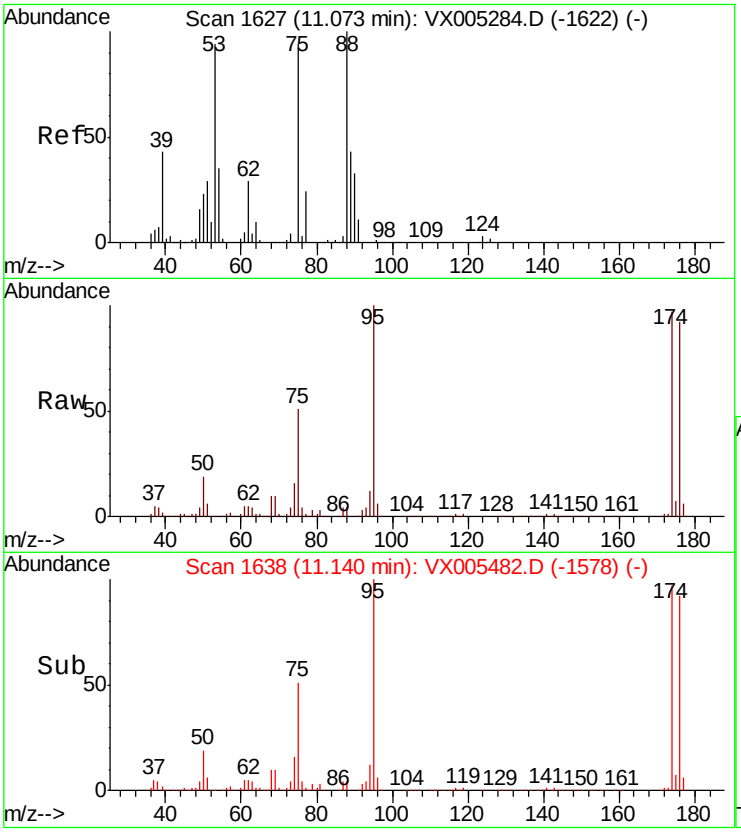


#80
1,3,5-Trimethylbenzene
Concen: 0.309 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:105 Resp: 2308

Ion	Ratio	Lower	Upper
105	100		
120	48.3	25.6	76.8



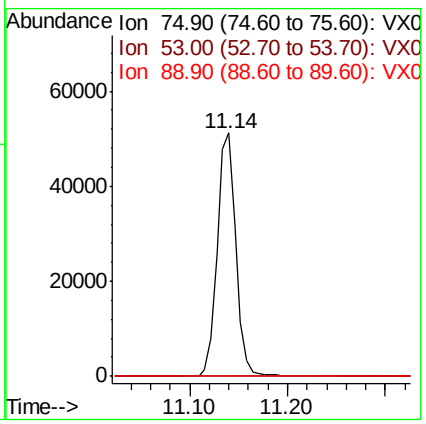


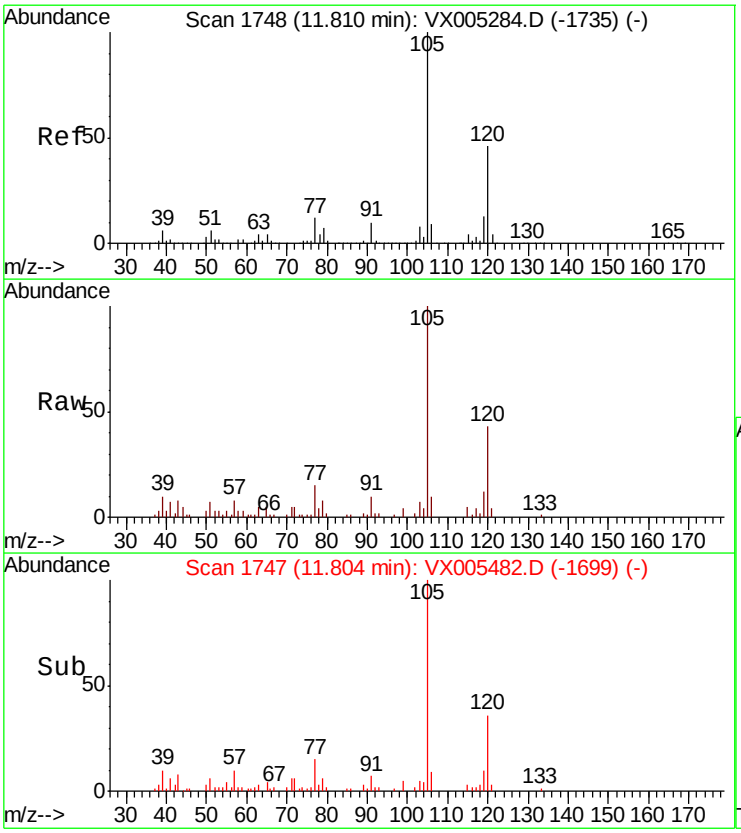
#81
trans-1,4-Dichloro-2-butene
Concen: 71.713 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 75 Resp: 67146

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.1	120.1#
89	0.0	37.2	55.8#

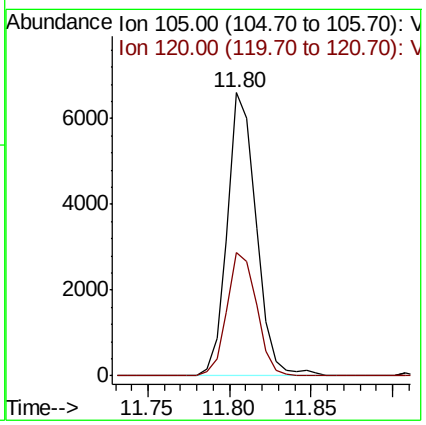


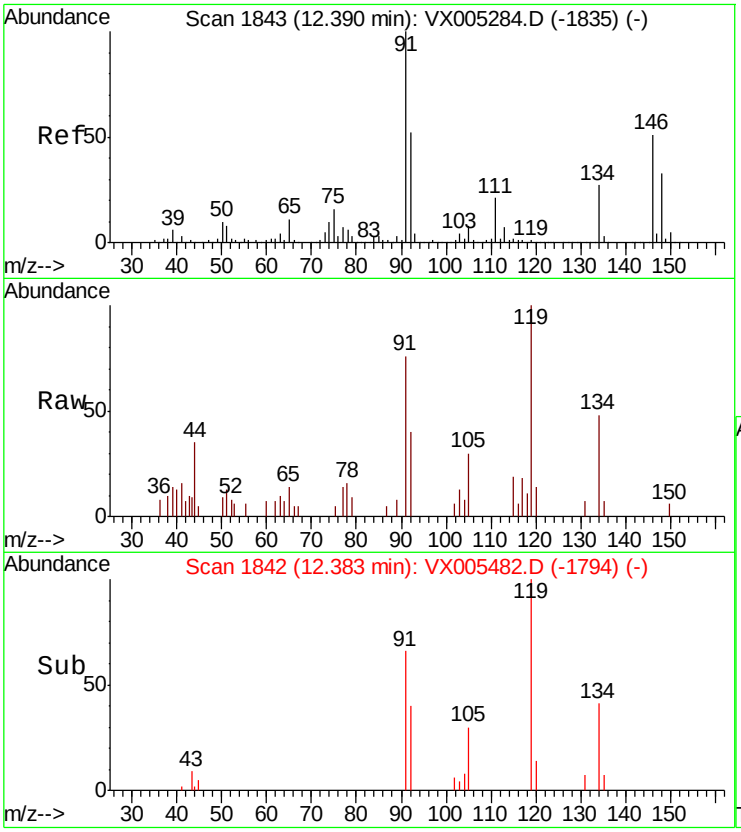


#84
1,2,4-Trimethylbenzene
Concen: 1.060 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:105 Resp: 8145

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.2	69.6



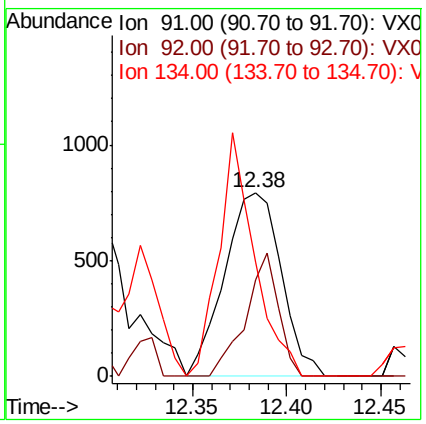


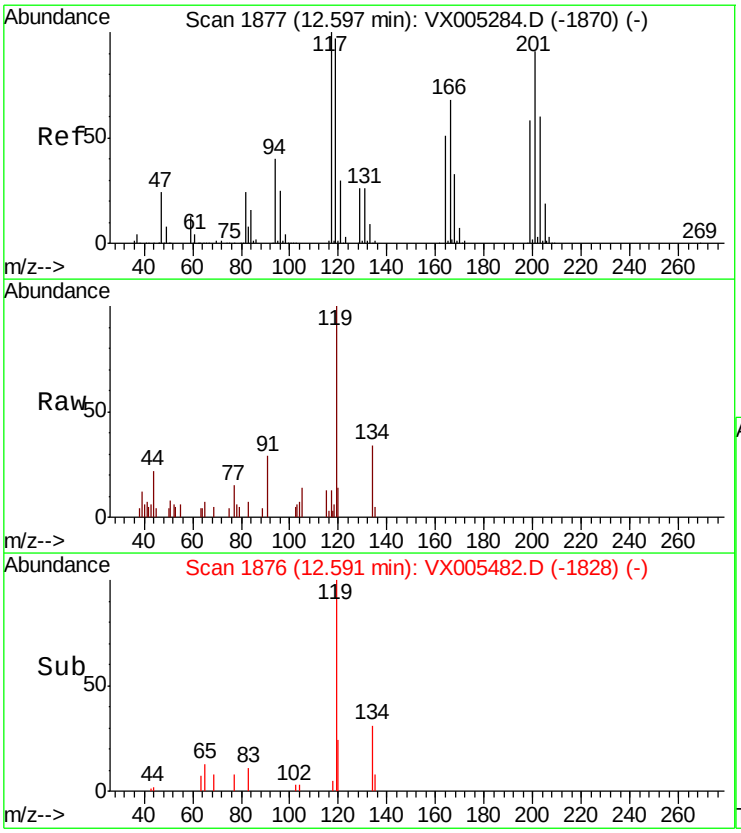
#89
n-Butylbenzene
Concen: 0.226 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument : MSVOA_X
ClientSampleId : HD-02-101918

Tgt Ion: 91 Resp: 1656

Ion	Ratio	Lower	Upper
91	100		
92	38.8	27.3	81.9
134	83.3	13.6	40.7#

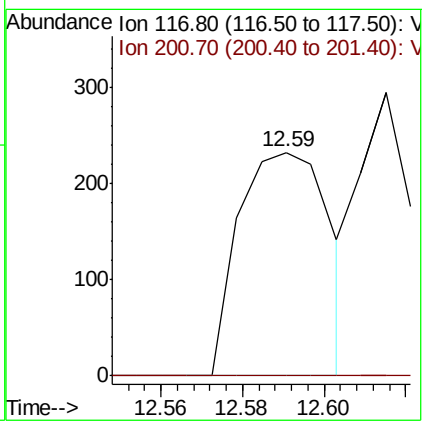


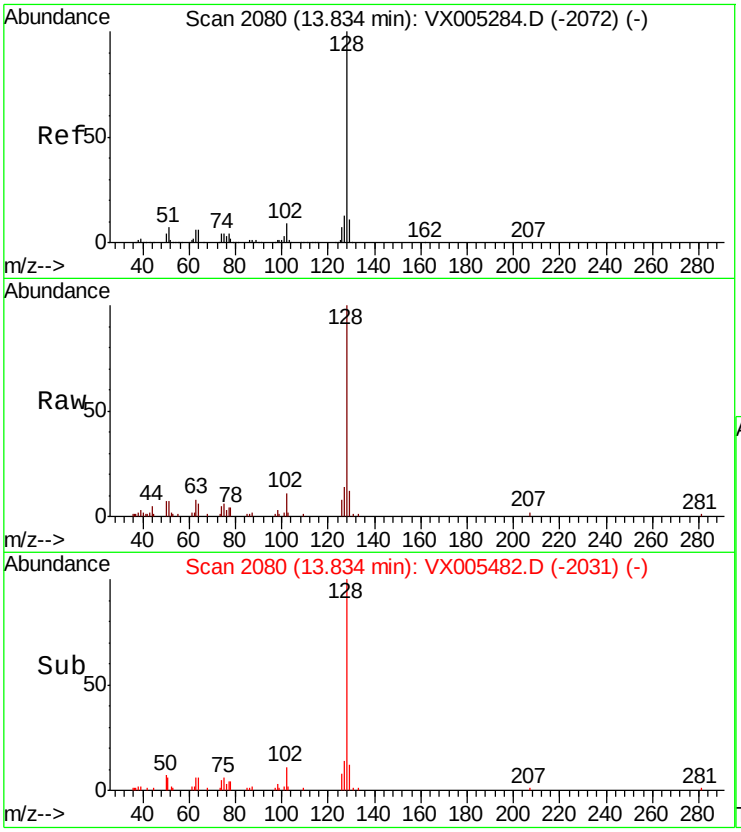


#90
Hexachloroethane
Concen: 0.257 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Tgt Ion:117 Resp: 358

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#





#95
Naphthalene
Concen: 0.762 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005482.D
Acq: 22 Oct 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HD-02-101918

Tgt Ion:128 Resp: 7707

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	12.7	8.6	12.8