Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
Data File : VX000198.D
Acq On : 02 Mar 2018 18:08
Operator : JC/MD
Sample : J1778-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 03 04:43:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	83192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	54705	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
35) Dibromofluoromethane	5.51	113	41592	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
50) Toluene-d8	8.73	98	165727	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.48%			
62) 4-Bromofluorobenzene	11.15	95	56899	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.34%			
Target Compounds						Qvalue
5) Bromomethane	1.66	94	255	Below Cal	#	52
6) Chloroethane	1.70	64	484	0.77	ug/l #	42
8) Diethyl Ether	2.20	74	202	0.35	ug/l #	49
13) Acrolein	2.29	56	45	0.24	ug/l #	1
14) Allyl chloride	2.71	41	313	0.21	ug/l #	50
16) Acetone	2.45	43	3922	5.82	ug/l	99
18) Methyl Acetate	2.78	43	632	0.40	ug/l #	50
20) Methylene Chloride	2.87	84	911	Below Cal	#	87
25) 2-Butanone	4.71	43	808	0.86	ug/l #	48
30) Chloroform	5.23	83	764	0.48	ug/l #	68
31) Cyclohexane	5.68	56	2288	1.76	ug/l #	54
36) 1,1-Dichloropropene	5.67	75	6970	5.69	ug/l #	48
38) Carbon Tetrachloride	5.67	117	8420	6.36	ug/l #	19
41) Methacrylonitrile	5.04	41	62	Below Cal	#	21
43) Isopropyl Acetate	6.49	43	1263	0.52	ug/l #	78
52) Toluene	8.80	92	484	0.21	ug/l	86
59) 2-Hexanone	9.55	43	398	0.26	ug/l #	24
67) Ethyl Benzene	10.26	91	2028	0.45	ug/l	92
68) m/p-Xylenes	10.37	106	1090	0.61	ug/l	94
69) o-Xylene	10.71	106	732	0.42	ug/l	82
74) N-amyl acetate	6.49	43	1263	0.61	ug/l #	80
76) 1,2,3-Trichloropropane	11.15	75	32688	24.39	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	32688	69.46	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.82	105	2477	0.69	ug/l	99
90) Hexachloroethane	12.48	117	350	0.55	ug/l #	8
95) Naphthalene	13.84	128	473211	88.64	ug/l	100

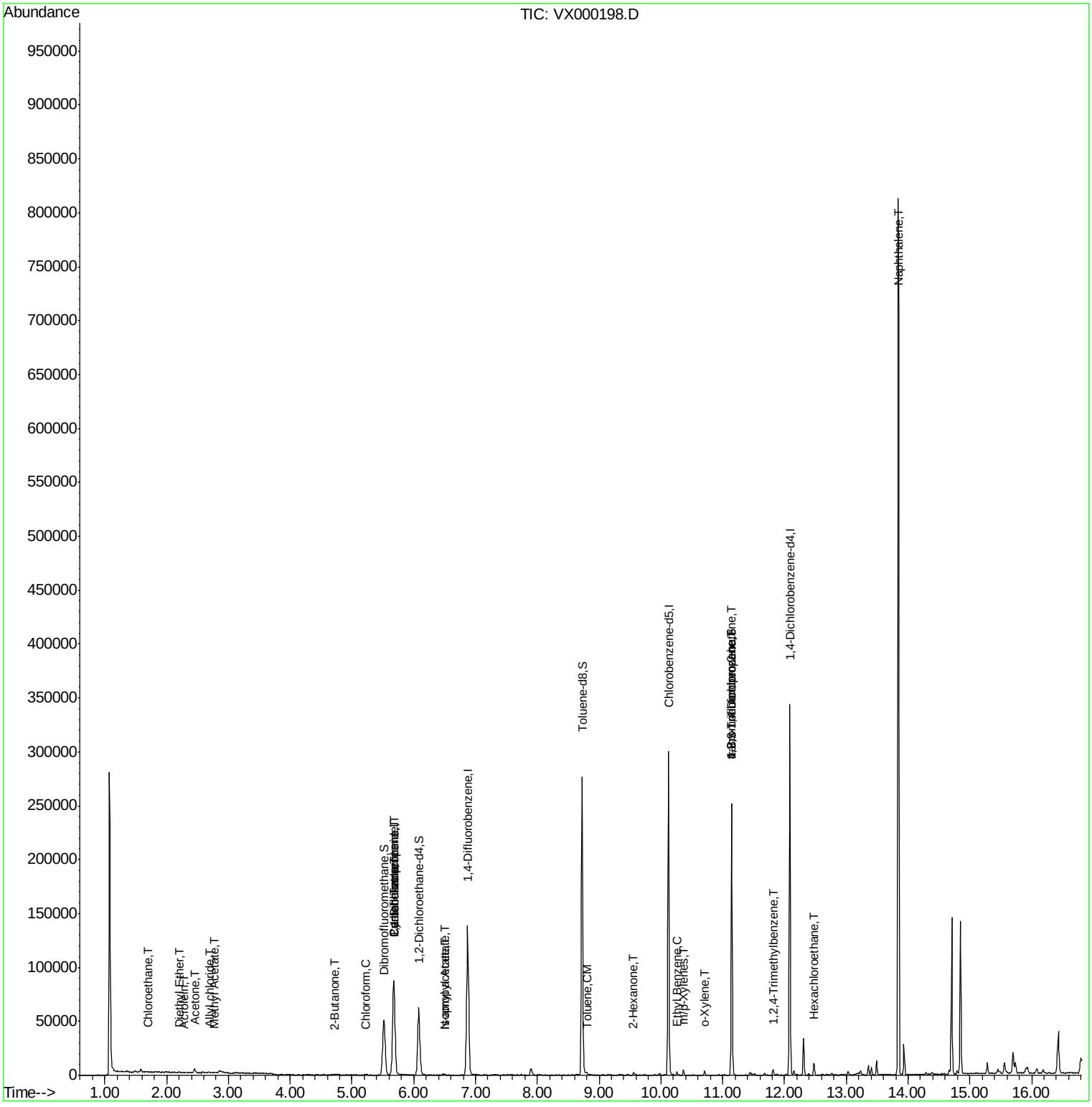
(#) = qualifier out of range (m) = manual integration (+) = signals summed

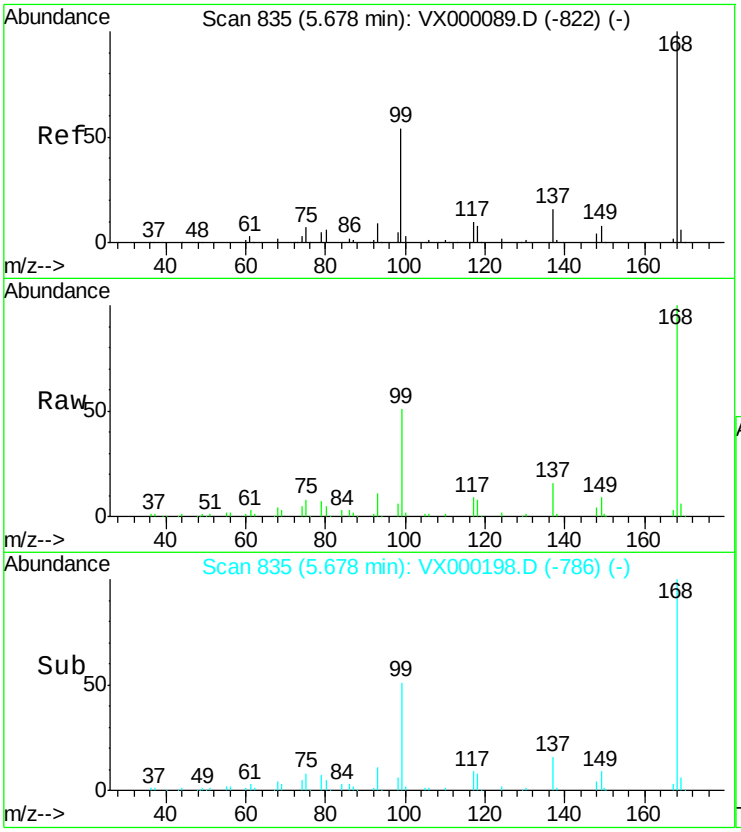
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
Data File : VX000198.D
Acq On : 02 Mar 2018 18:08
Operator : JC/MD
Sample : J1778-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 04:43:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration



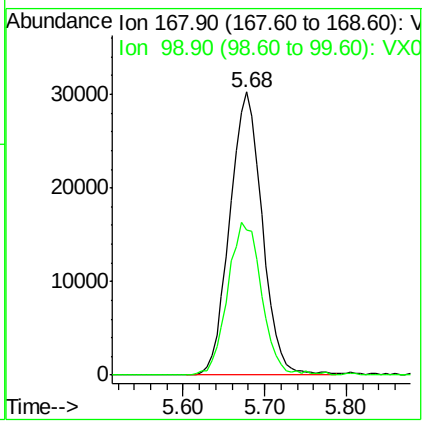


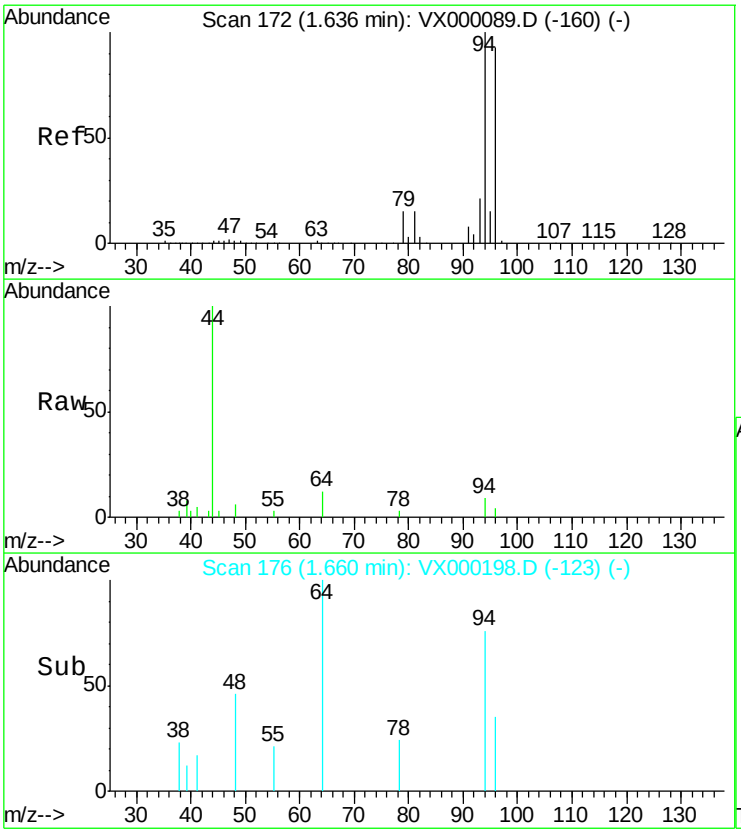
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 83192

Ion	Ratio	Lower	Upper
168	100		
99	51.1	43.1	64.7

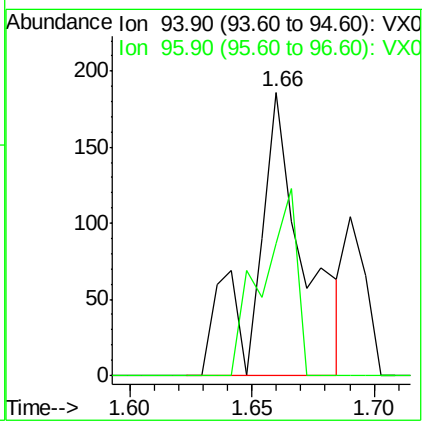


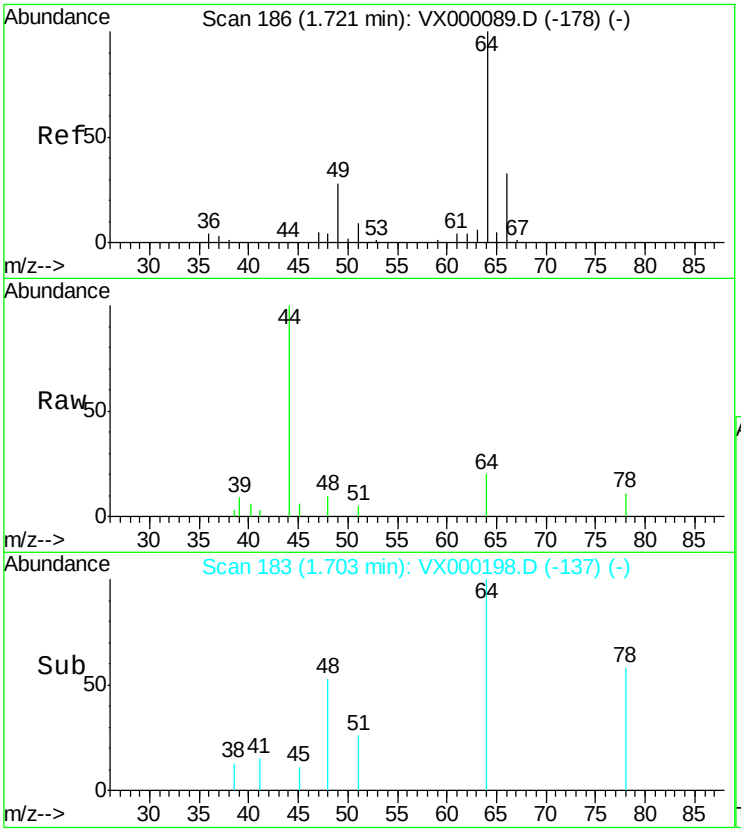


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 94 Resp: 255

Ion	Ratio	Lower	Upper
94	100		
96	46.8	74.6	112.0#



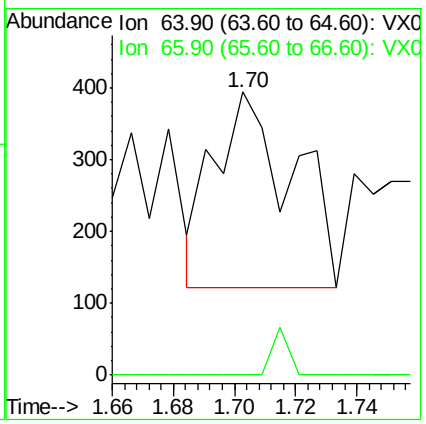


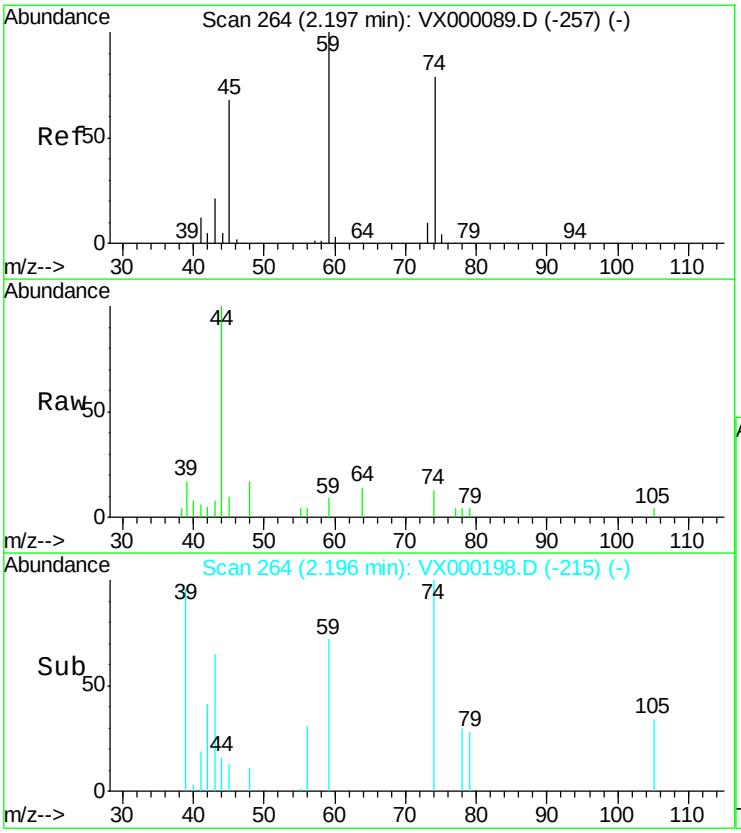
#6
Chloroethane
Concen: 0.77 ug/l
RT: 1.70 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 484

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.0	39.0#

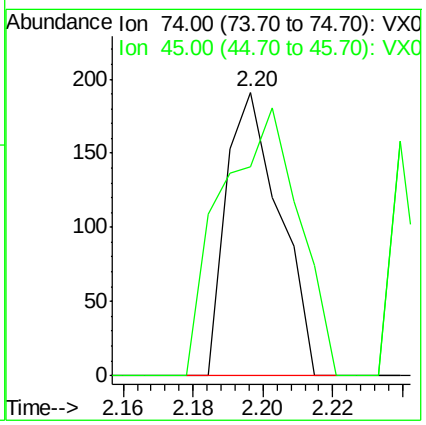


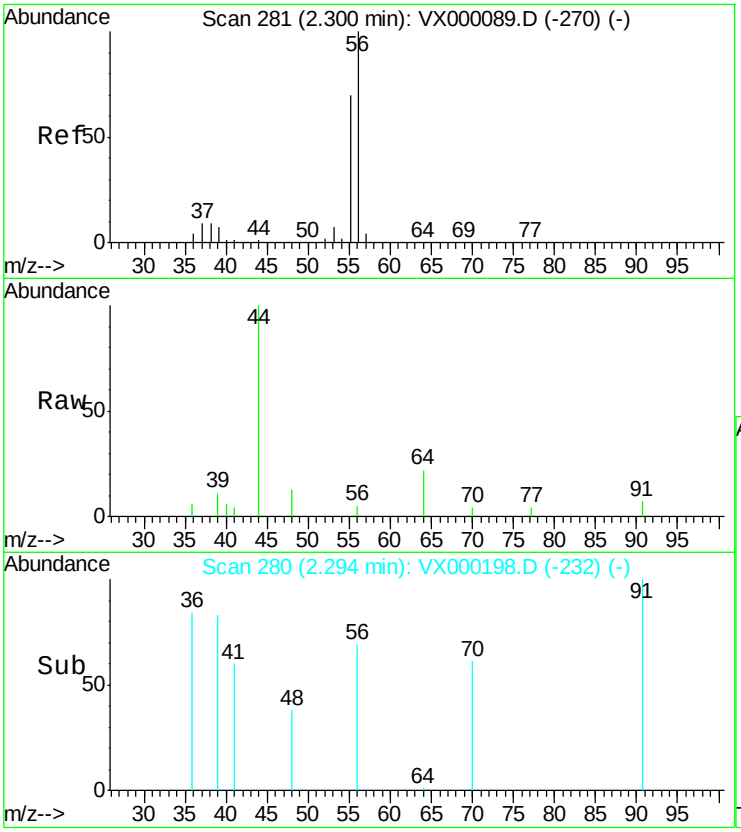


#8
Diethyl Ether
Concen: 0.35 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 74 Resp: 202

Ion	Ratio	Lower	Upper
74	100		
45	137.6	44.7	134.1#



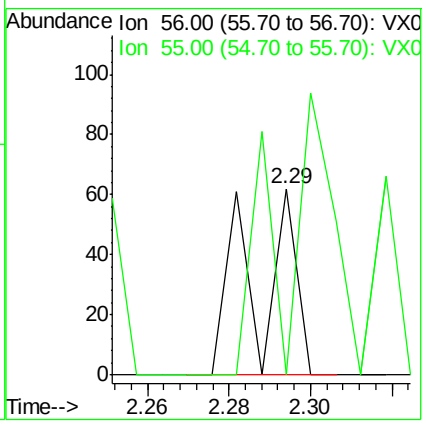


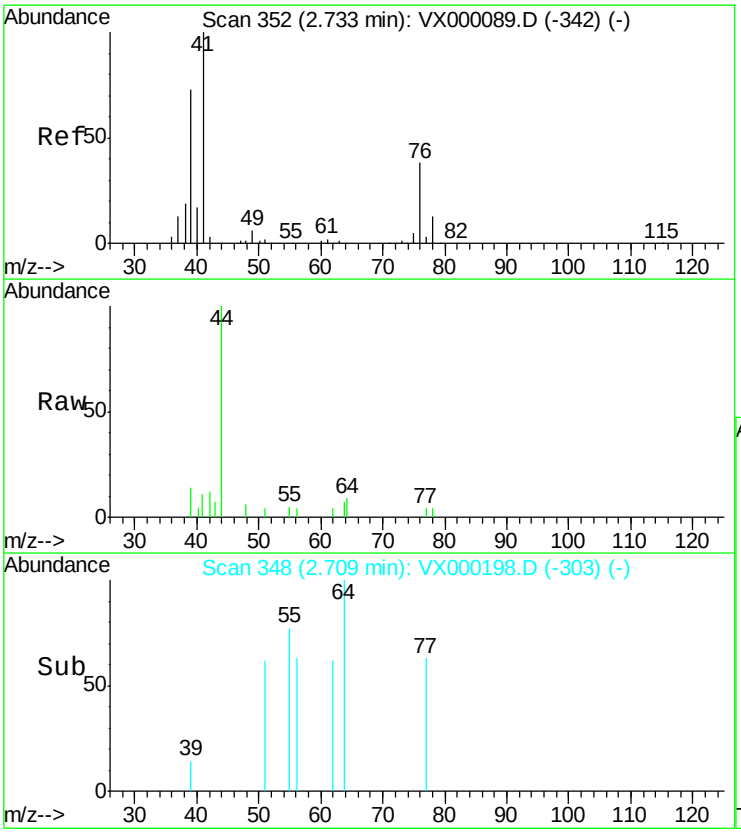
#13
Acrolein
Concen: 0.24 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 45

Ion	Ratio	Lower	Upper
56	100		
55	184.4	56.2	84.4#

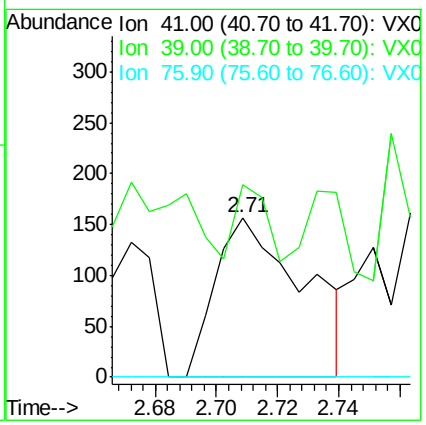


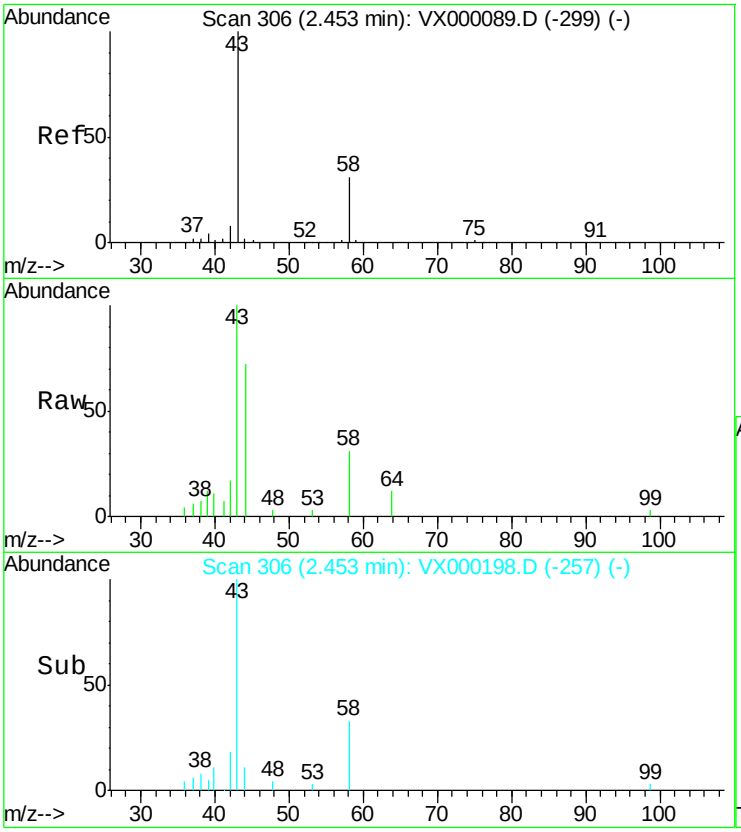


#14
Allyl chloride
Concen: 0.21 ug/l
RT: 2.71 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 41 Resp: 313

Ion	Ratio	Lower	Upper
41	100		
39	33.2	55.1	82.7#
76	0.0	28.5	42.7#



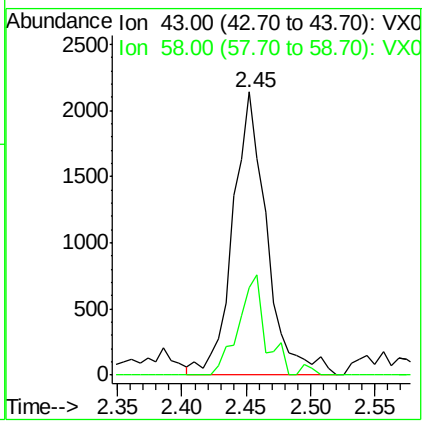


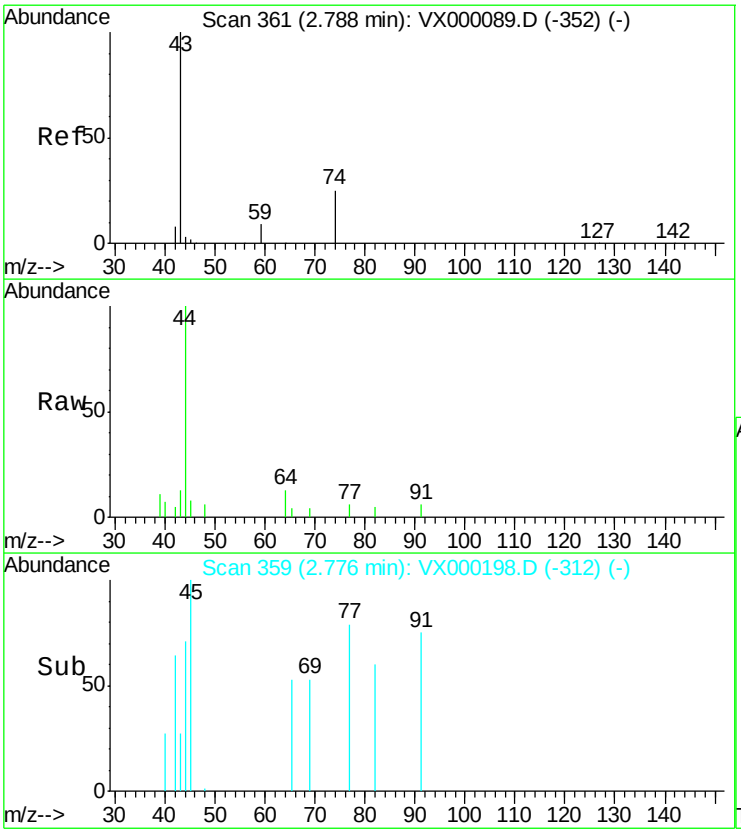
#16
Acetone
Concen: 5.82 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3922

Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.0	37.4

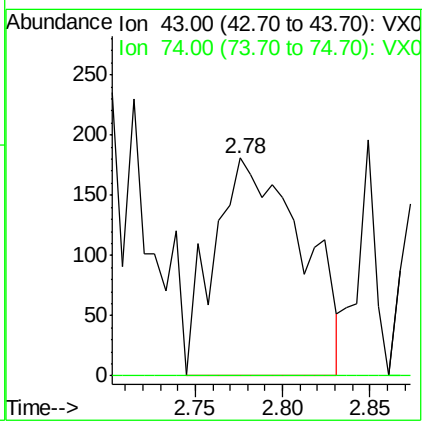


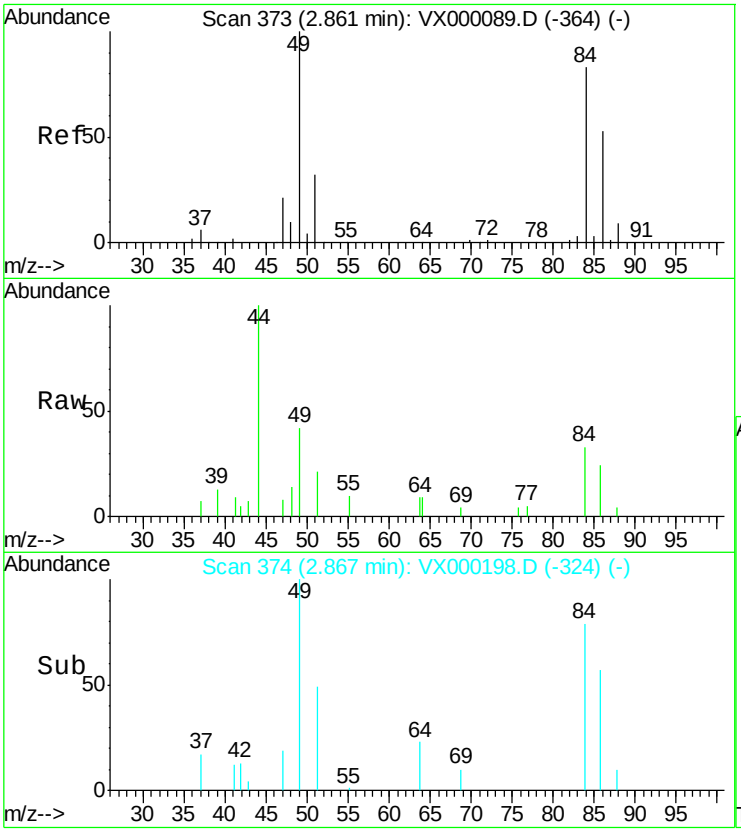


#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 43 Resp: 632

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.4#



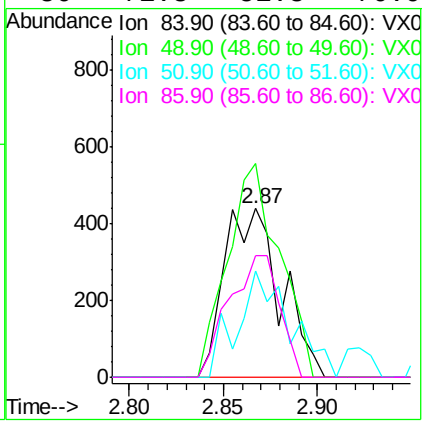


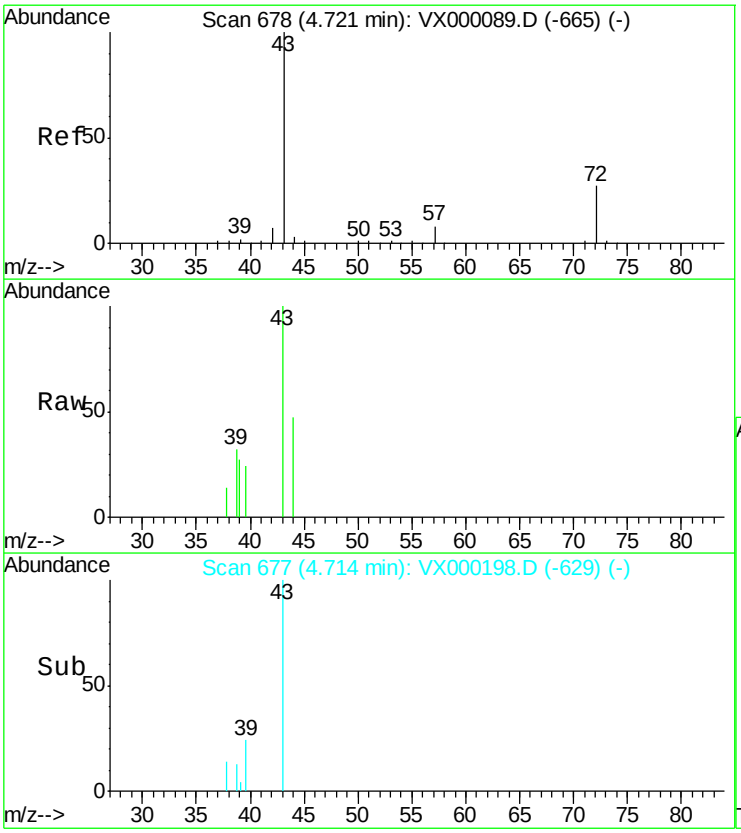
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 911

Ion	Ratio	Lower	Upper
84	100		
49	126.7	96.1	144.1
51	62.6	30.5	45.7#
86	71.8	51.3	76.9

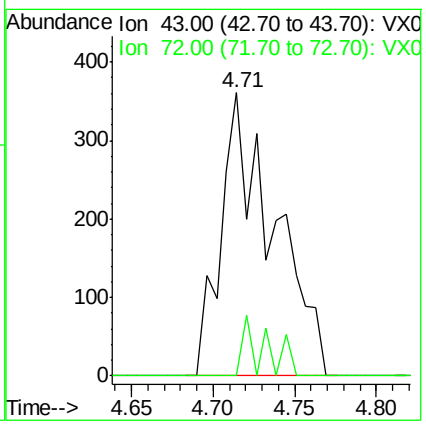


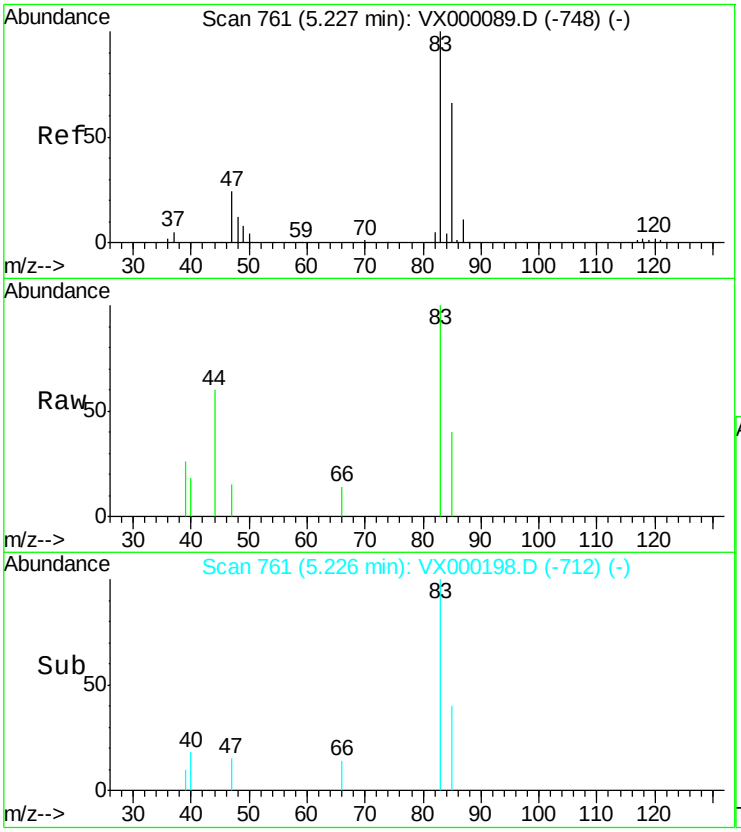


#25
2-Butanone
Concen: 0.86 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 43 Resp: 808

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#



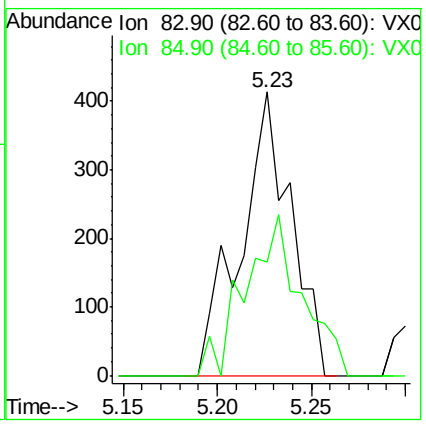


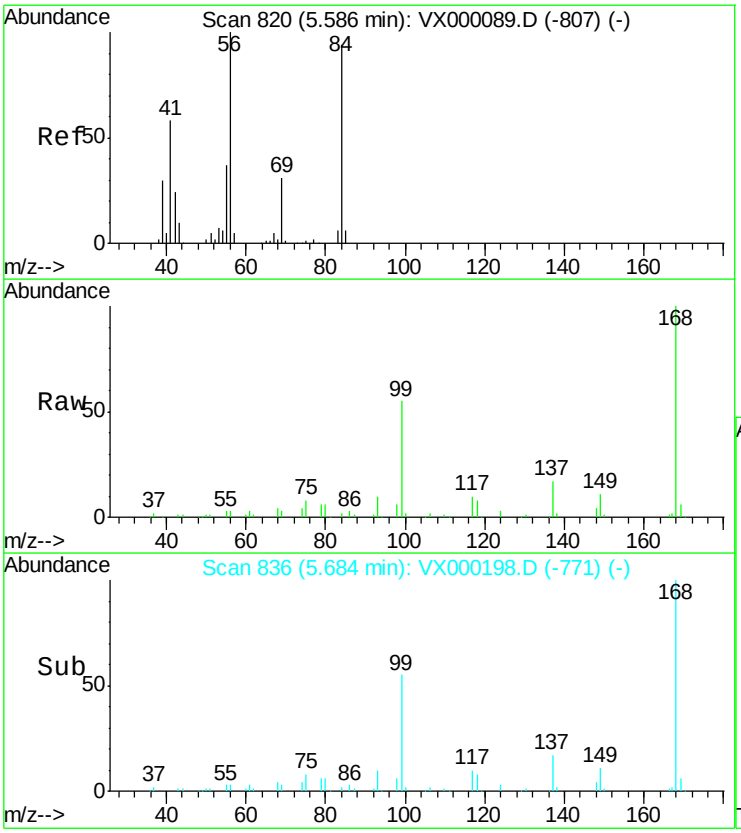
#30
Chloroform
Concen: 0.48 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 764

Ion	Ratio	Lower	Upper
83	100		
85	40.2	52.7	79.1#

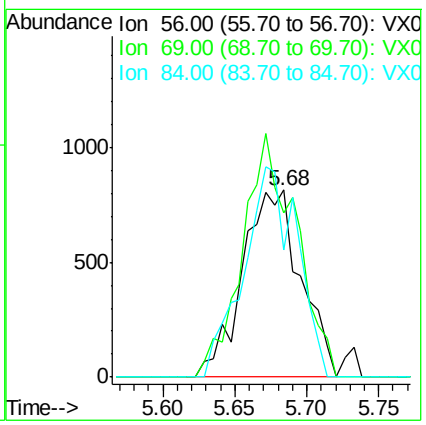


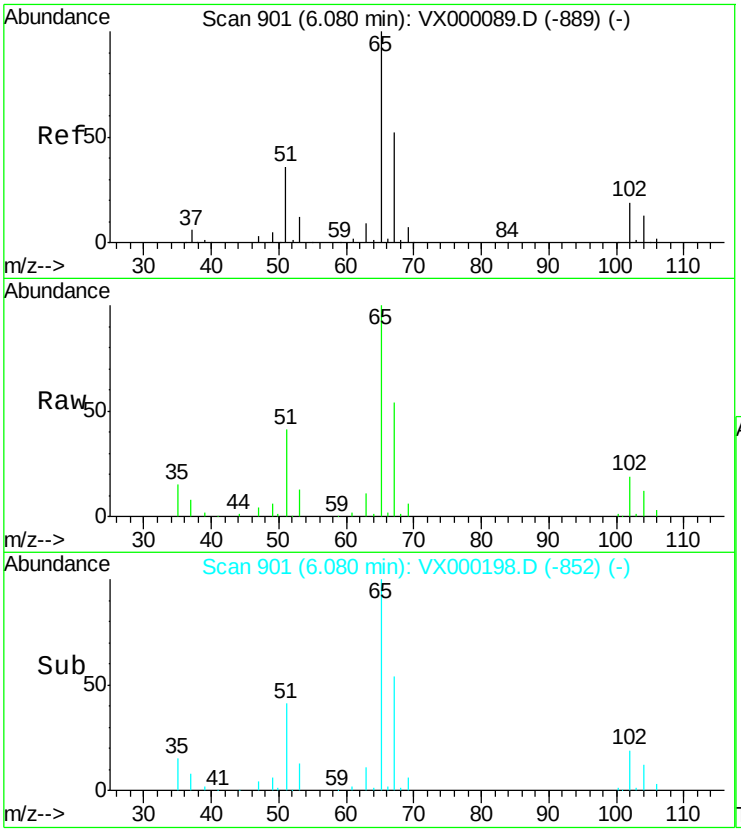


#31
Cyclohexane
Concen: 1.76 ug/l
RT: 5.68 min Scan# 836
Delta R.T. 0.10 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 56 Resp: 2288

Ion	Ratio	Lower	Upper
56	100		
69	88.2	24.9	37.3#
84	67.9	75.0	112.4#



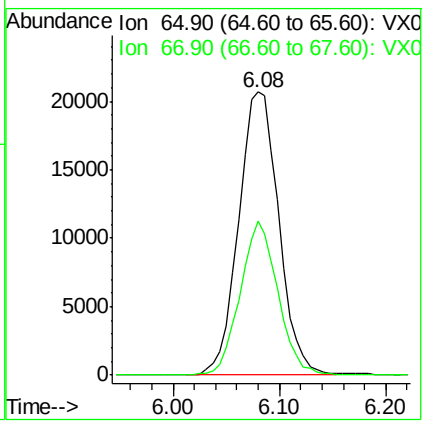


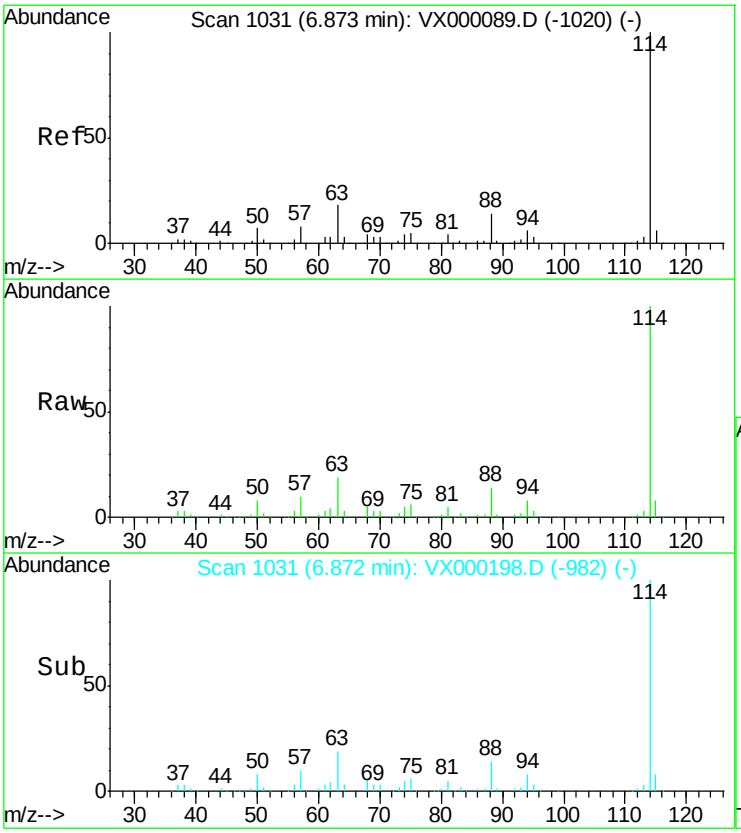
#33
1,2-Dichloroethane-d4
Concen: 52.66 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 54705

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.8

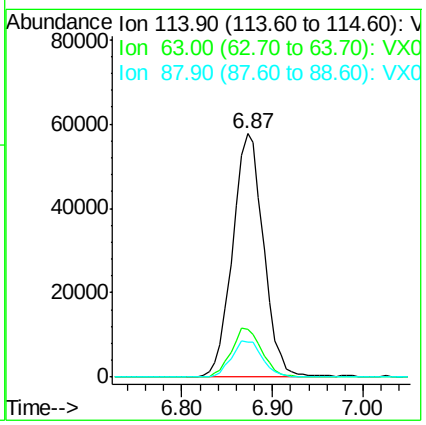


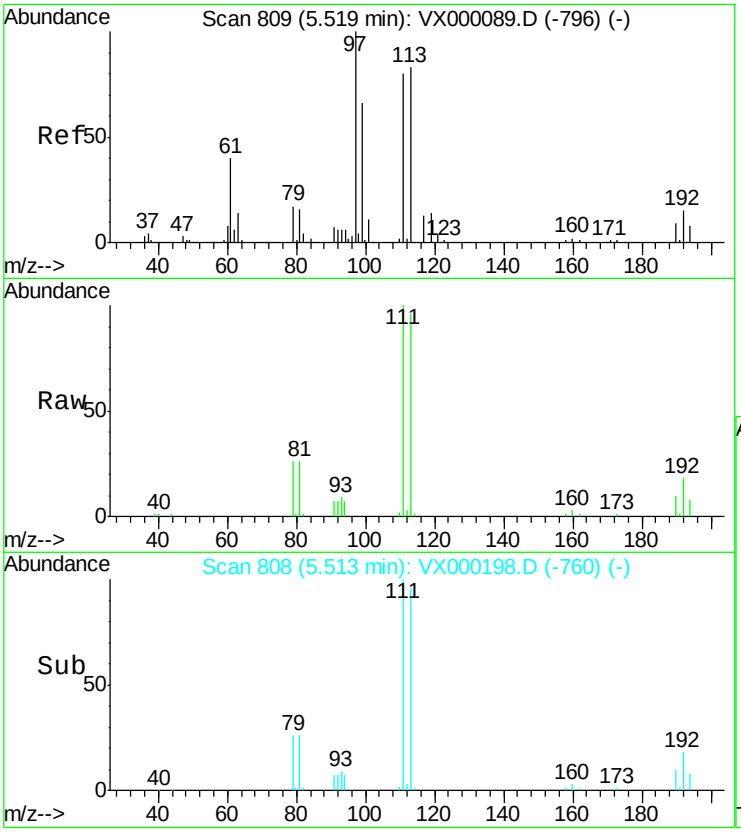


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:114 Resp: 136587

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.4
88	14.2	0.0	29.0



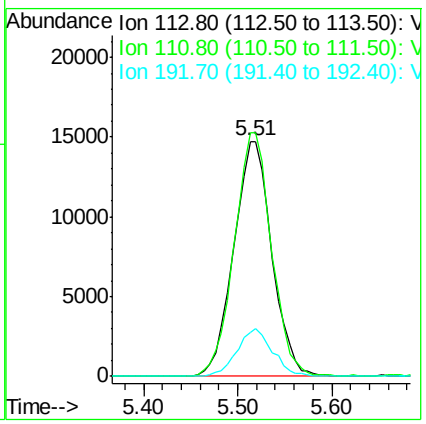


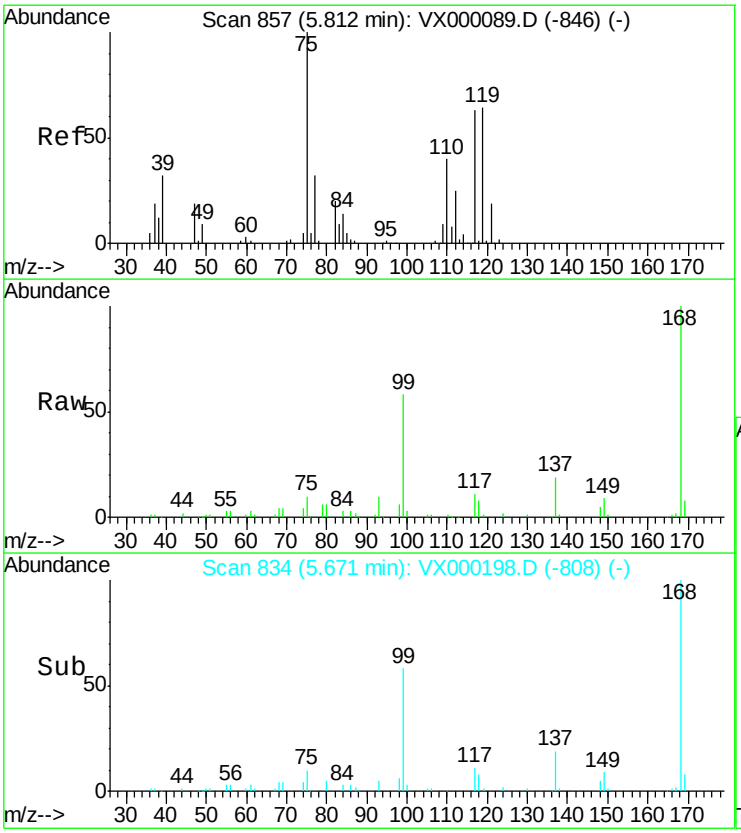
#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 41592

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.6
192	19.1	15.7	23.5

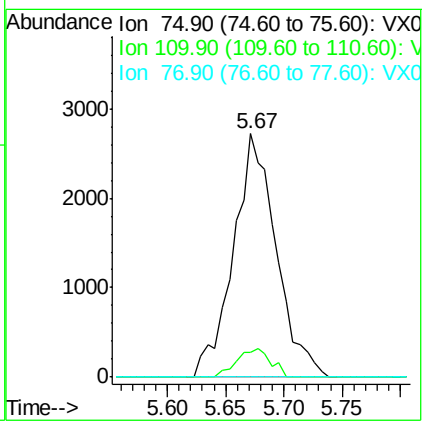


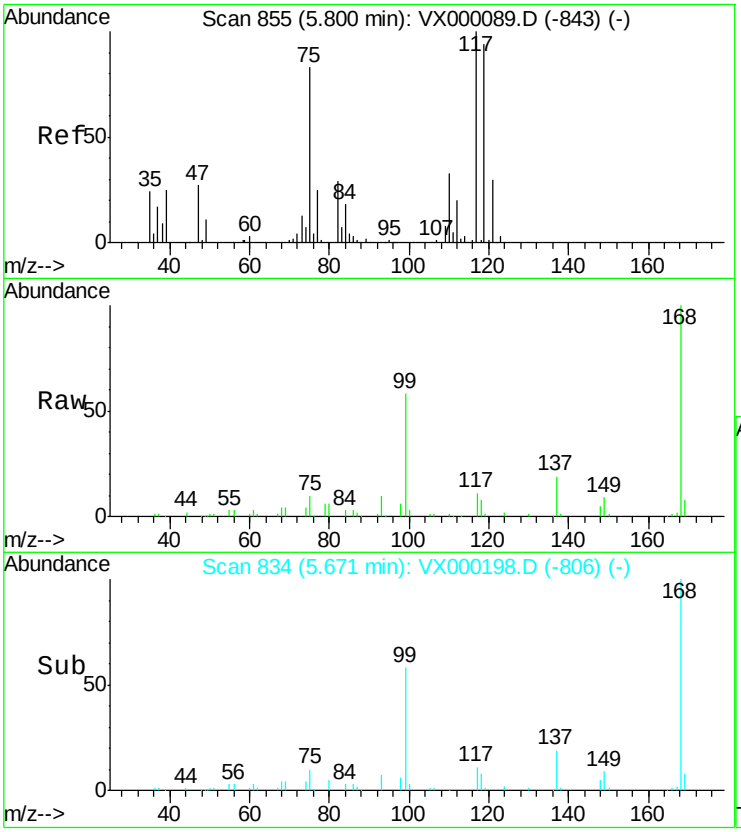


#36
1,1-Dichloropropene
Concen: 5.69 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 75 Resp: 6970

Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.5	58.5#
77	0.0	24.7	37.1#



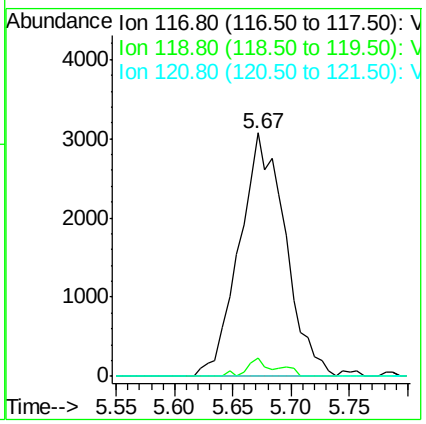


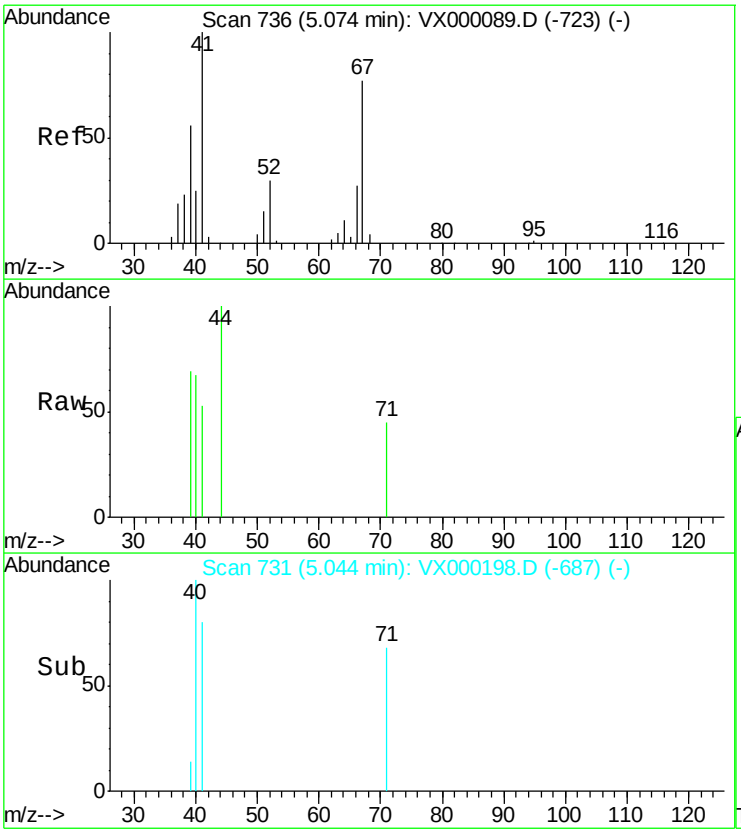
#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 8420

Ion	Ratio	Lower	Upper
117	100		
119	7.7	75.3	112.9#
121	0.0	23.7	35.5#

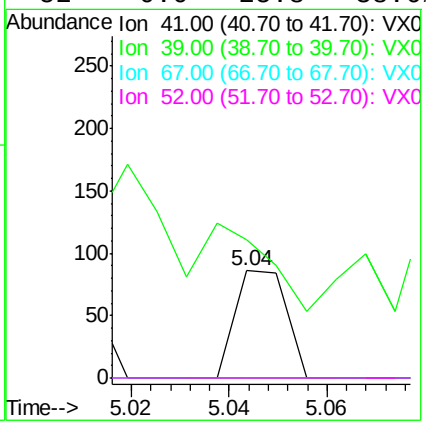


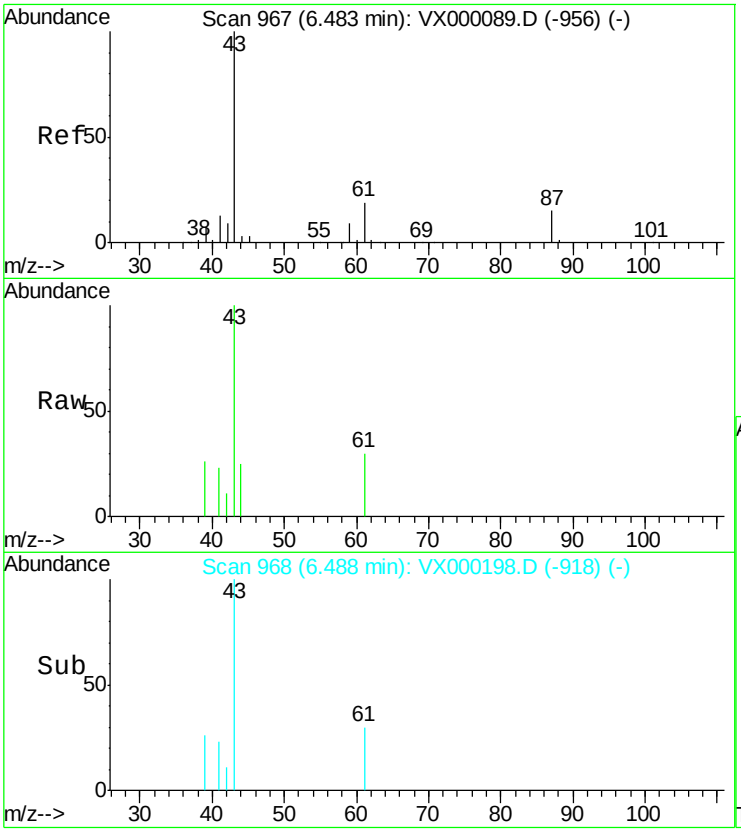


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.04 min Scan# 731
Delta R.T. -0.03 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 41 Resp: 62

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.1	67.7#
67	0.0	61.0	91.4#
52	0.0	25.8	38.6#



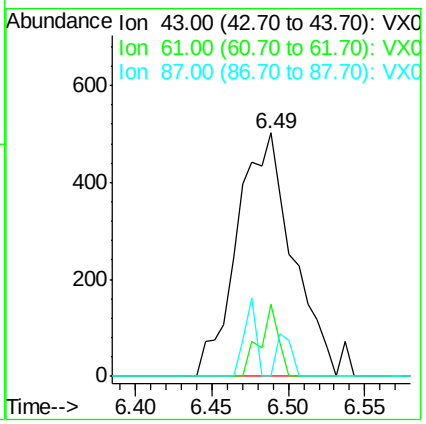


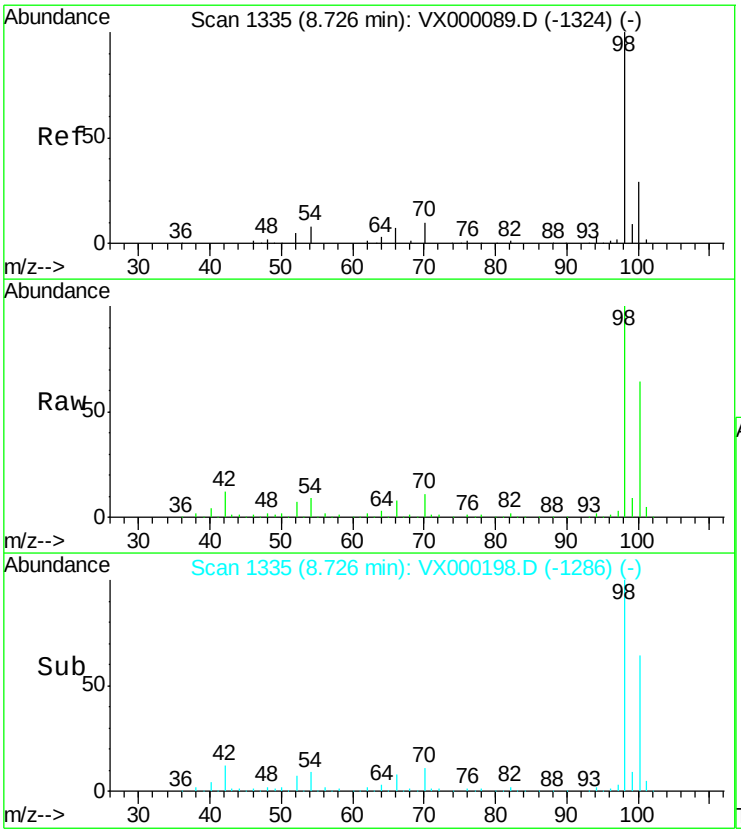
#43
Isopropyl Acetate
Concen: 0.52 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1263

Ion	Ratio	Lower	Upper
43	100		
61	10.2	15.6	23.4#
87	4.7	11.7	17.5#

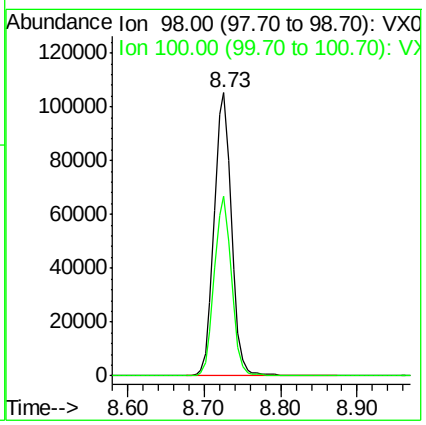


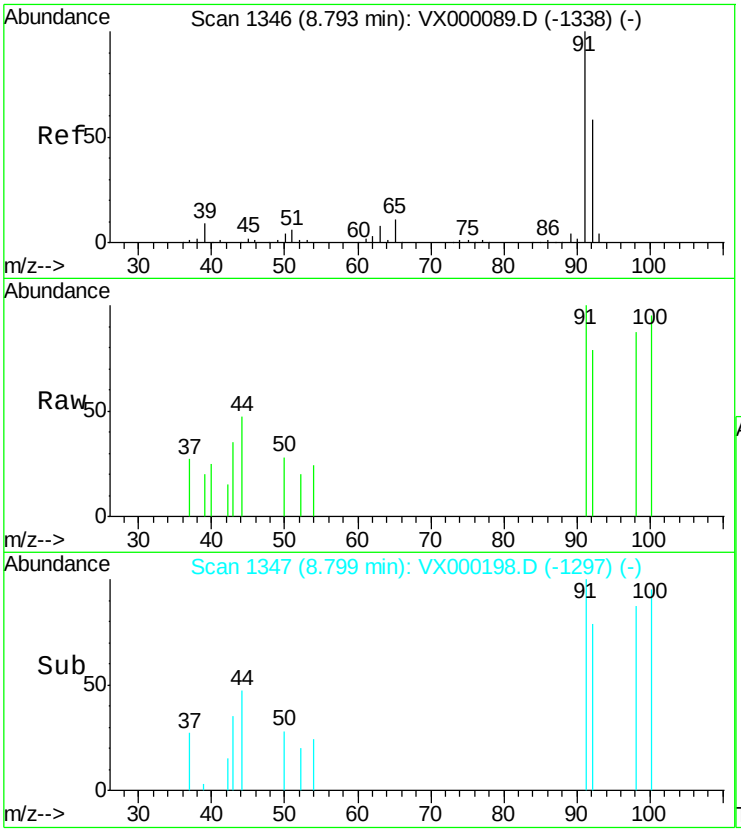


#50
Toluene-d8
Concen: 48.74 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 98 Resp: 165727

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.2	78.2



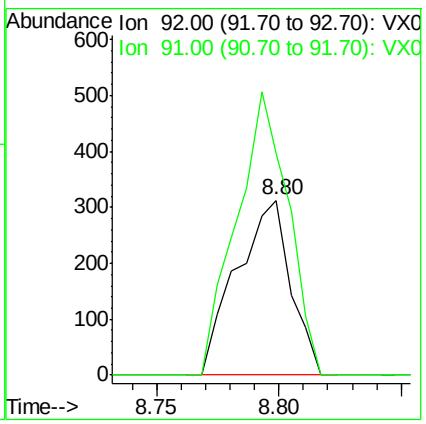


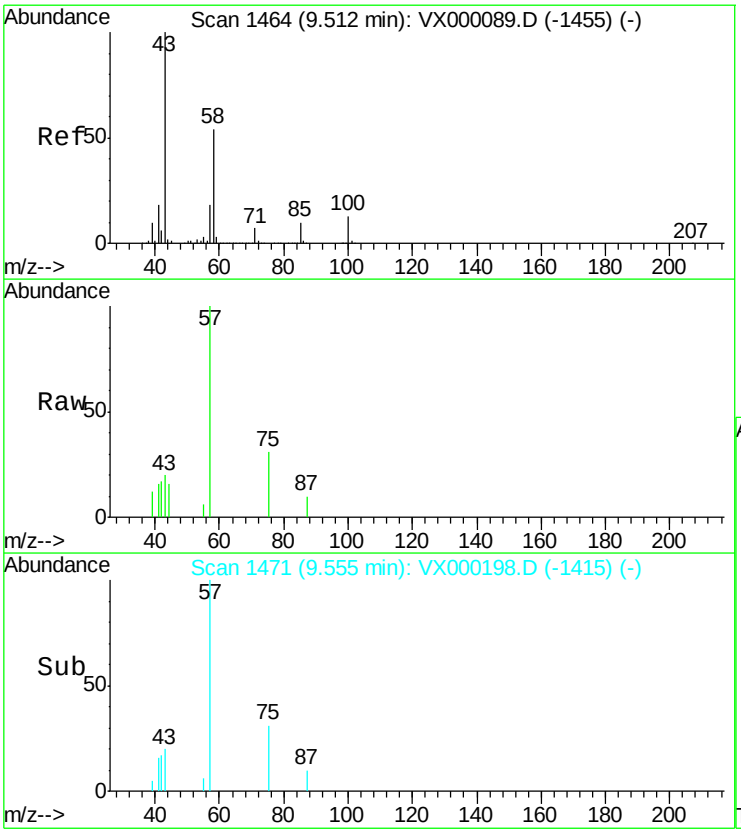
#52
Toluene
Concen: 0.21 ug/l
RT: 8.80 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 484

Ion	Ratio	Lower	Upper
92	100		
91	154.5	139.8	209.6

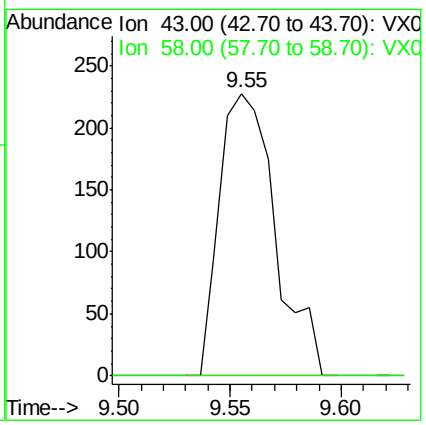


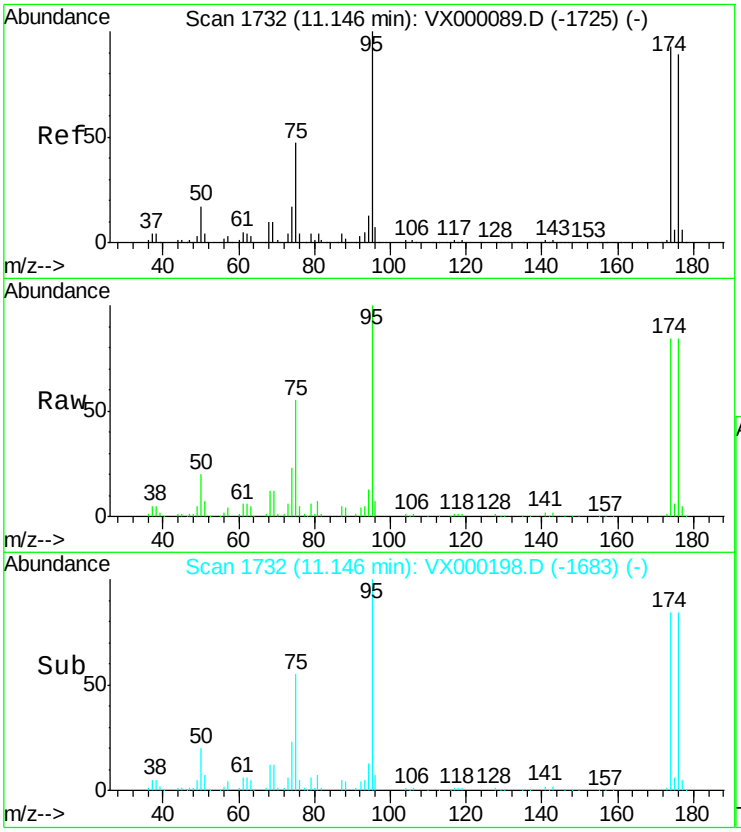


#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.55 min Scan# 1471
Delta R.T. 0.04 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 43 Resp: 398

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.1	81.3#



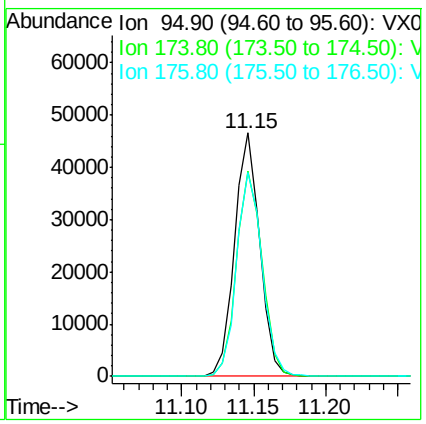


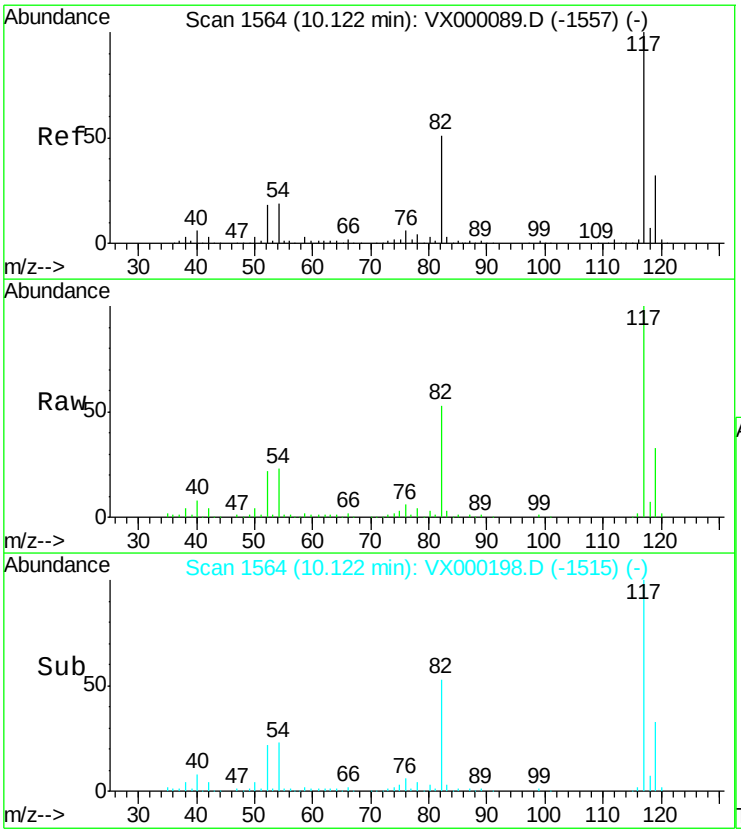
#62
4-Bromofluorobenzene
Concen: 42.67 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 56899

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	187.8
176	85.0	0.0	181.2

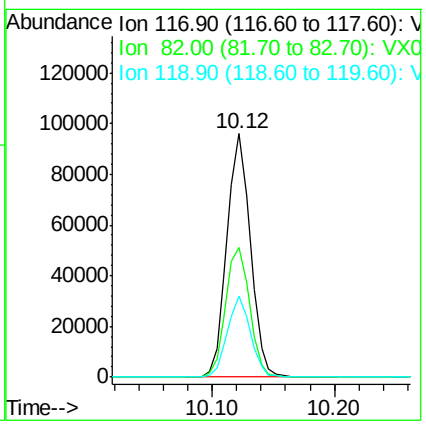


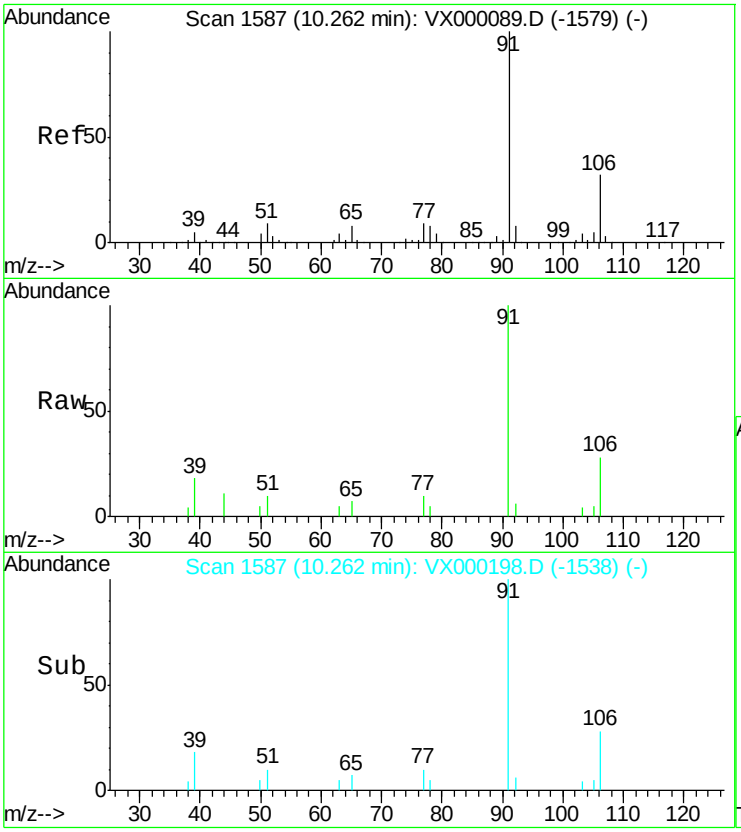


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:117 Resp: 127646

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.0	61.6
119	33.1	25.5	38.3



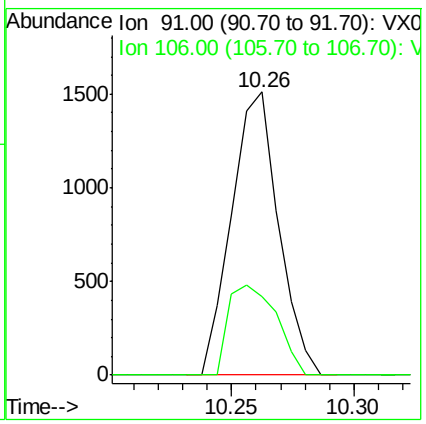


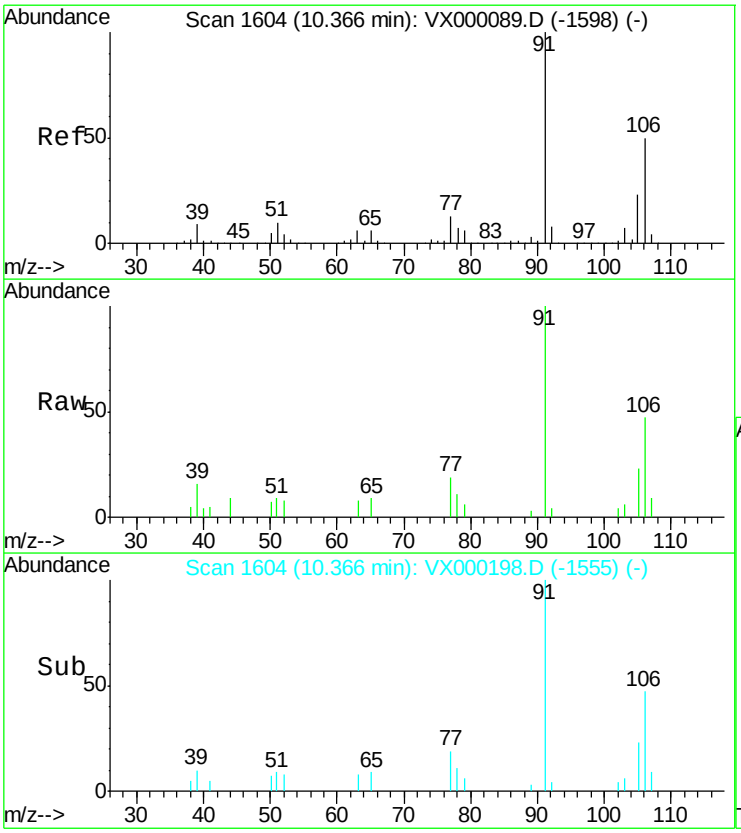
#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2028

Ion	Ratio	Lower	Upper
91	100		
106	27.7	25.8	38.6

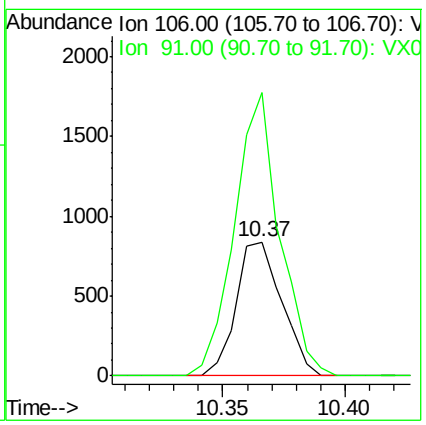


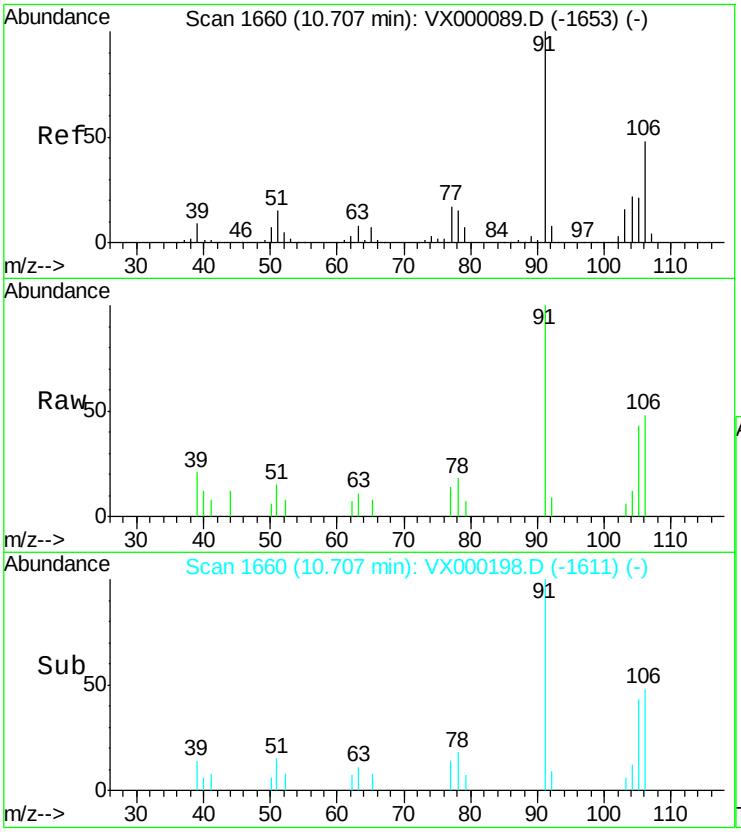


#68
m/p-Xylenes
Concen: 0.61 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:106 Resp: 1090

Ion	Ratio	Lower	Upper
106	100		
91	208.3	159.1	238.7



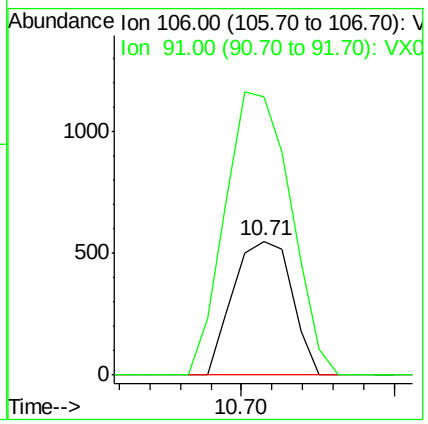


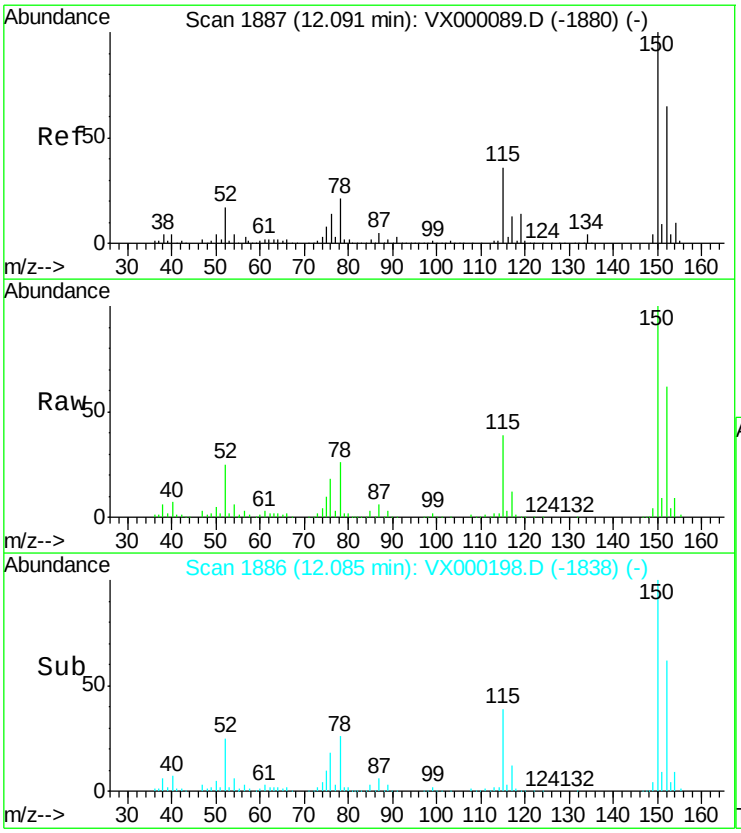
#69
o-Xylene
Concen: 0.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 732

Ion	Ratio	Lower	Upper
106	100		
91	236.1	103.8	311.6

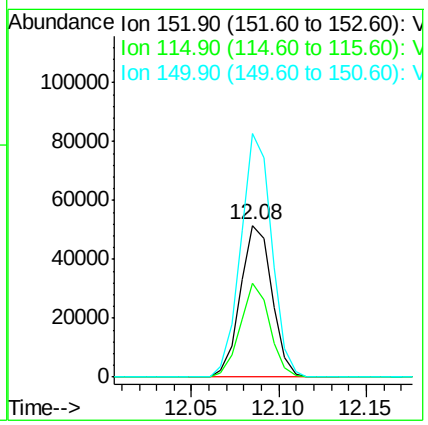


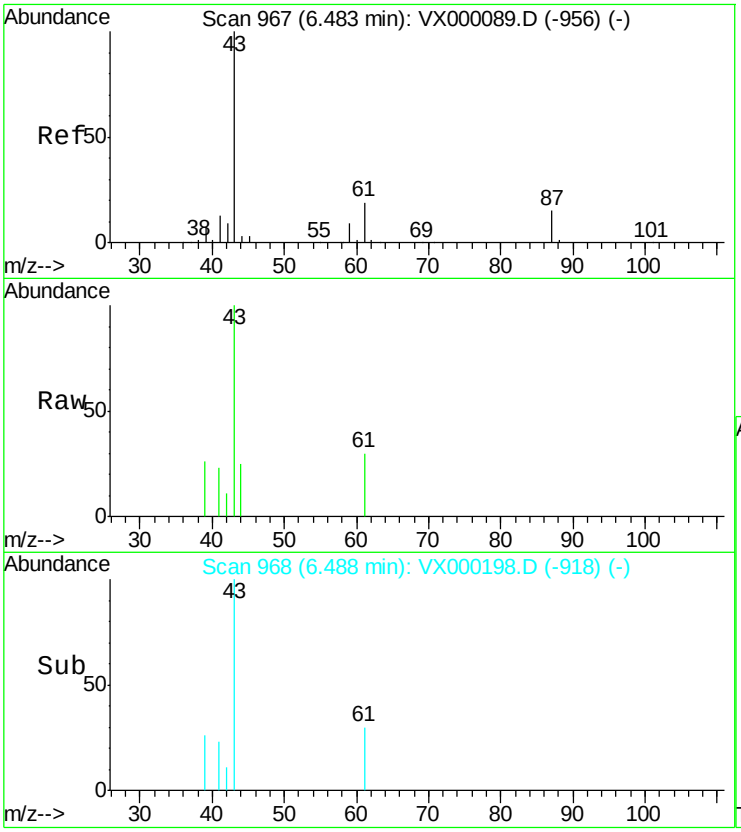


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:152 Resp: 64707

Ion	Ratio	Lower	Upper
152	100		
115	57.9	39.1	117.2
150	157.2	0.0	348.2



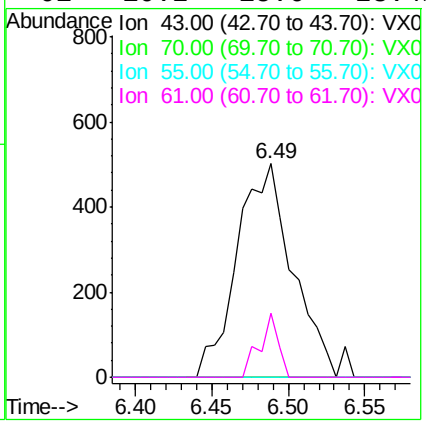


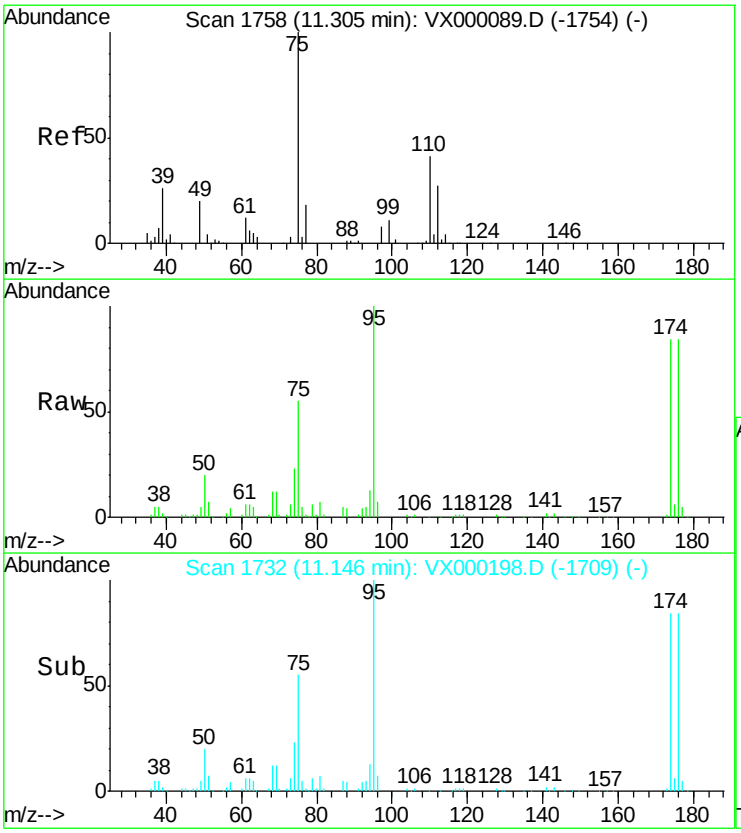
#74
N-amyl acetate
Concen: 0.61 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1263

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	10.2	15.6	23.4#

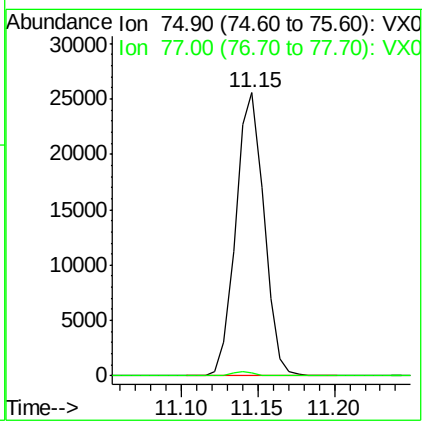


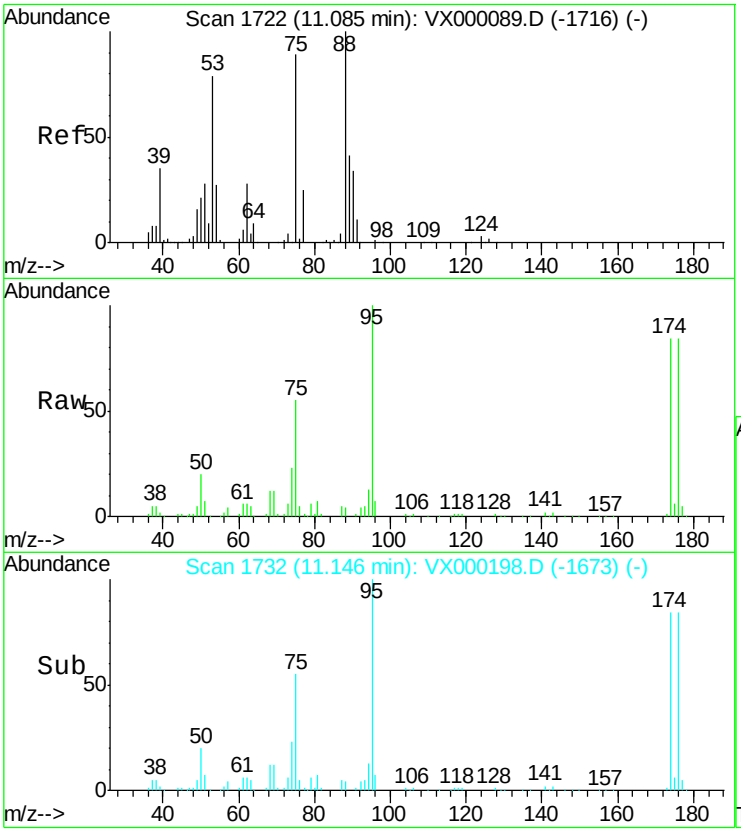


#76
1,2,3-Trichloropropane
Concen: 24.39 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 75 Resp: 32688

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



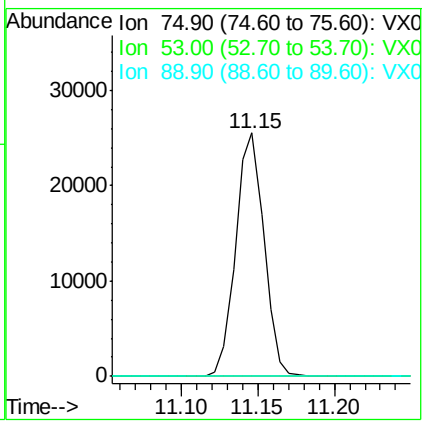


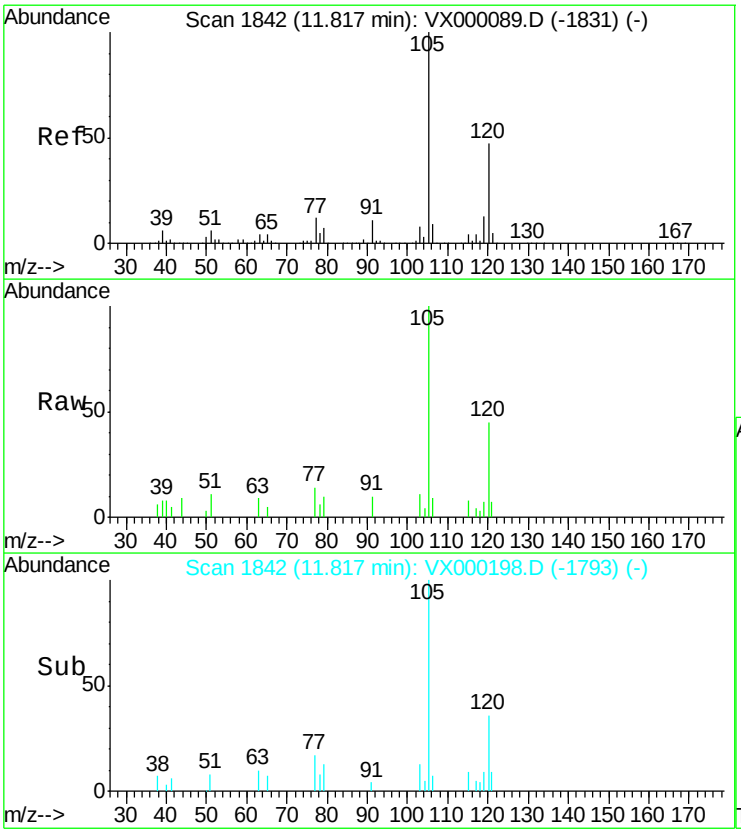
#81
trans-1,4-Dichloro-2-butene
Concen: 69.46 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32688

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.3	108.5#
89	0.0	40.6	60.8#

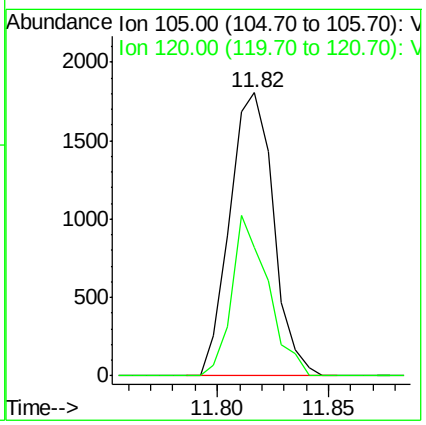


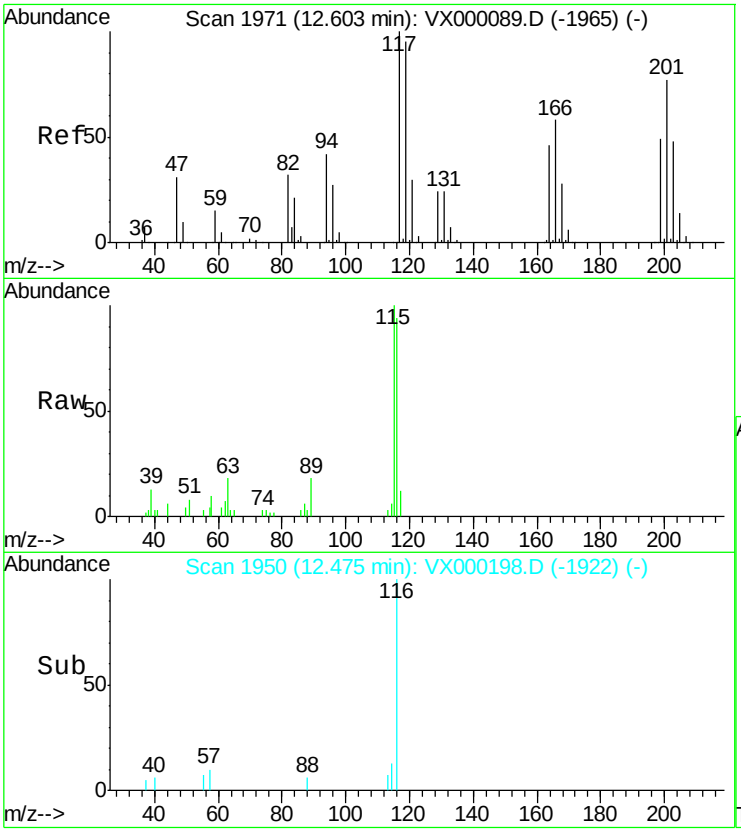


#84
1,2,4-Trimethylbenzene
Concen: 0.69 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:105 Resp: 2477

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.2



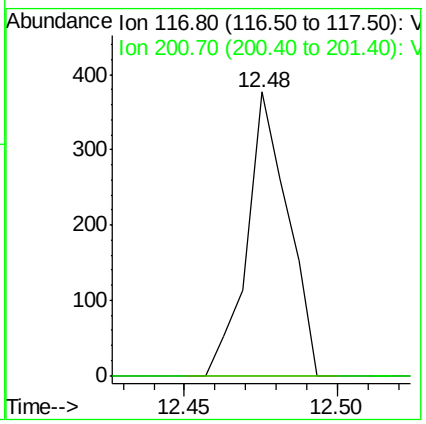


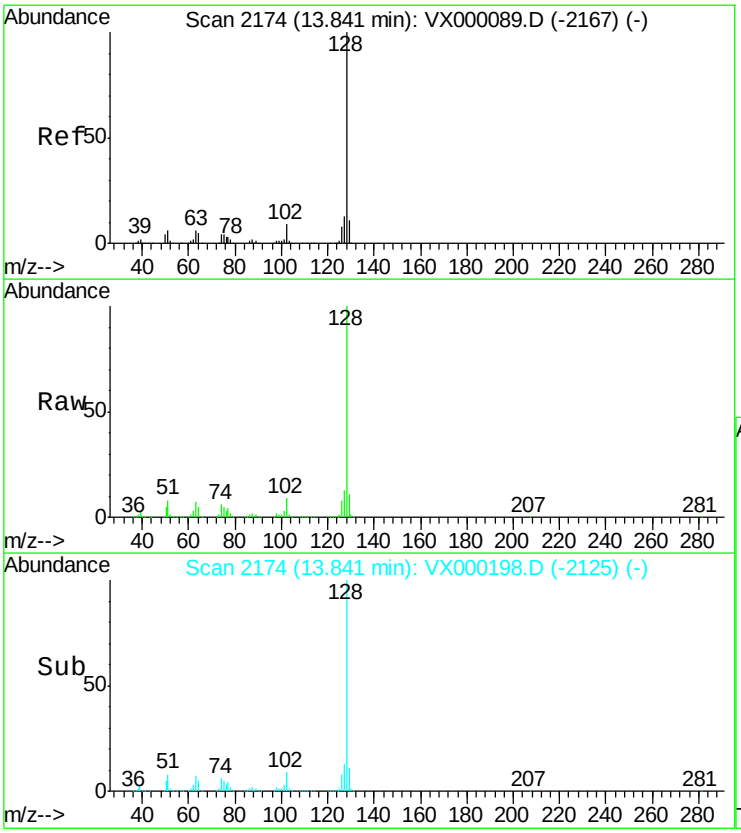
#90
Hexachloroethane
Concen: 0.55 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.13 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 350

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.4#





#95
Naphthalene
Concen: 88.64 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:128 Resp: 473211

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1