Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006746.D
Acq On : 22 Dec 2018 02:11
Operator : JC/MD
Sample : J6499-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 72-11989

Quant Time: Dec 22 04:12:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	638626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1009090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	915393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	346371	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
35) Dibromofluoromethane	5.51	113	303201	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.02%			
50) Toluene-d8	8.71	98	1191779	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
62) 4-Bromofluorobenzene	11.14	95	413390	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.84%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	551	Below Cal	#	8
8) Diethyl Ether	2.20	74	2912	0.715	ug/l	93
11) Tert butyl alcohol	3.07	59	862	0.561	ug/l #	91
13) Acrolein	2.29	56	925	0.893	ug/l #	52
14) Allyl chloride	2.86	41	22923	2.387	ug/l #	27
16) Acetone	2.45	43	36540	11.555	ug/l	99
18) Methyl Acetate	2.78	43	27611	2.969	ug/l	94
20) Methylene Chloride	2.86	84	643064	98.345	ug/l	96
25) 2-Butanone	4.71	43	3146	0.707	ug/l #	78
28) Bromochloromethane	5.03	49	411	Below Cal	#	39
36) 1,1-Dichloropropene	5.67	75	42087	5.036	ug/l #	48
38) Carbon Tetrachloride	5.67	117	58099	7.153	ug/l #	15
43) Isopropyl Acetate	6.46	43	30088	2.273	ug/l	98
48) Methyl methacrylate	7.69	41	15699	2.332	ug/l #	12
49) 1,4-Dioxane	7.74	88	95	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	142635	16.937	ug/l #	49
52) Toluene	8.79	92	6786	0.413	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	73800	8.307	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	15605	1.444	ug/l #	46
59) 2-Hexanone	9.54	43	197733	30.688	ug/l #	52
60) Dibromochloromethane	9.59	129	251	2.358	ug/l	64
76) 1,2,3-Trichloropropane	11.13	75	193006	24.343	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	6746	0.281	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	193006	72.044	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	8297	0.328	ug/l	93
90) Hexachloroethane	12.59	117	514	3.412	ug/l #	6
95) Naphthalene	13.83	128	41849	1.336	ug/l	98

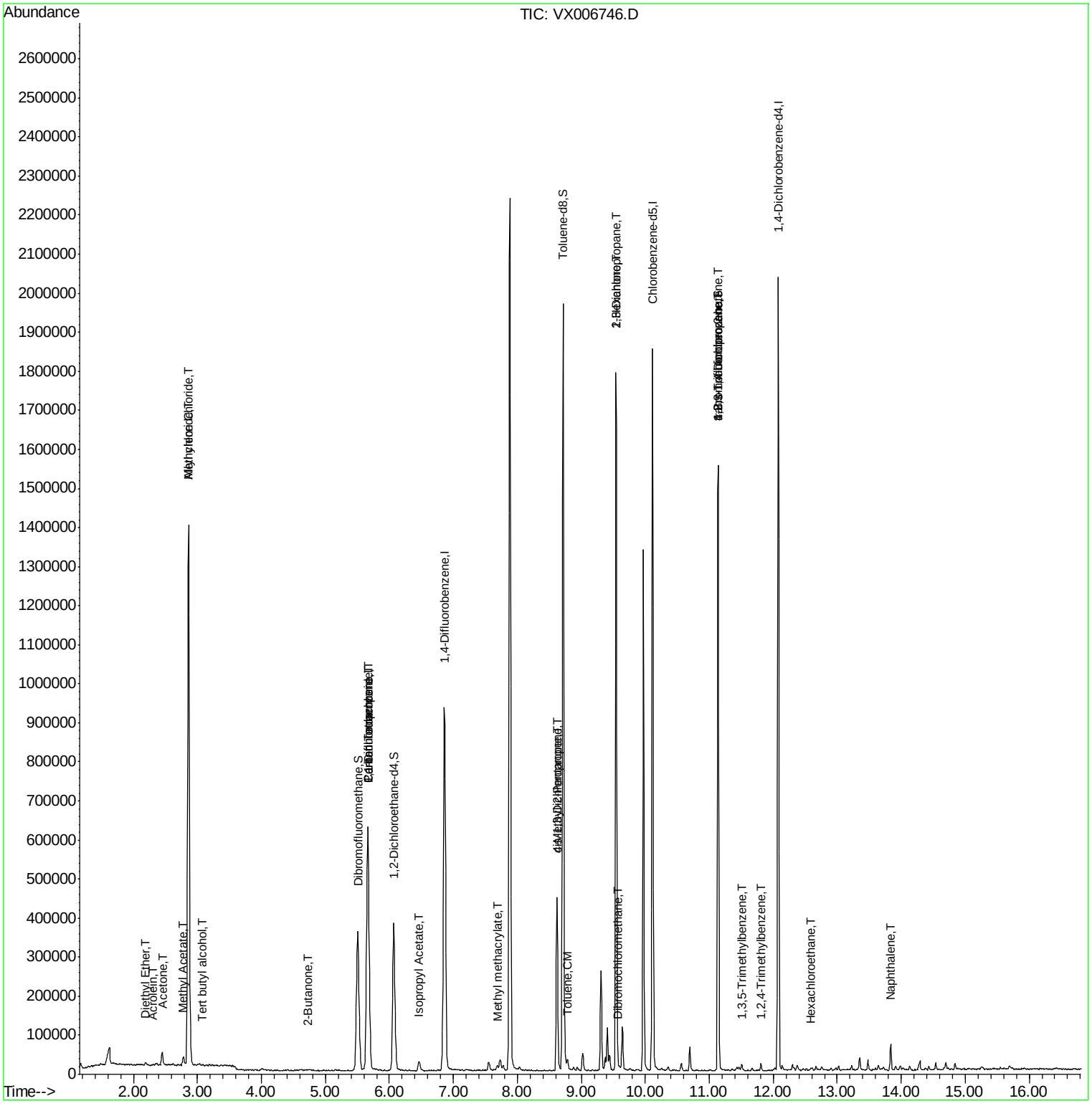
(#) = qualifier out of range (m) = manual integration (+) = signals summed

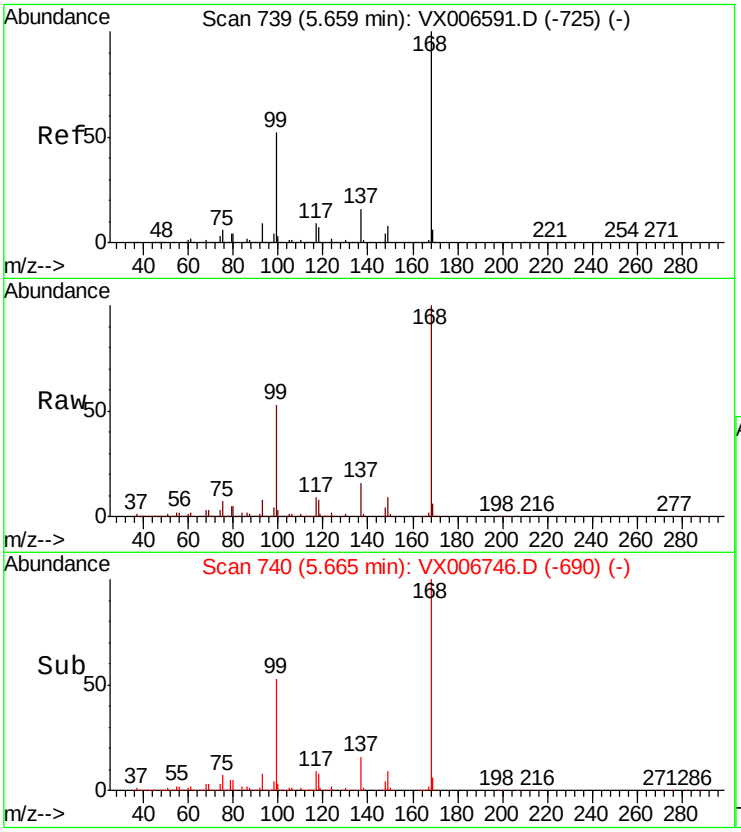
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006746.D
Acq On : 22 Dec 2018 02:11
Operator : JC/MD
Sample : J6499-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Quant Time: Dec 22 04:12:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



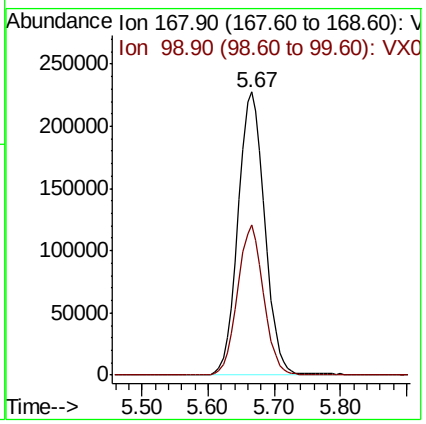


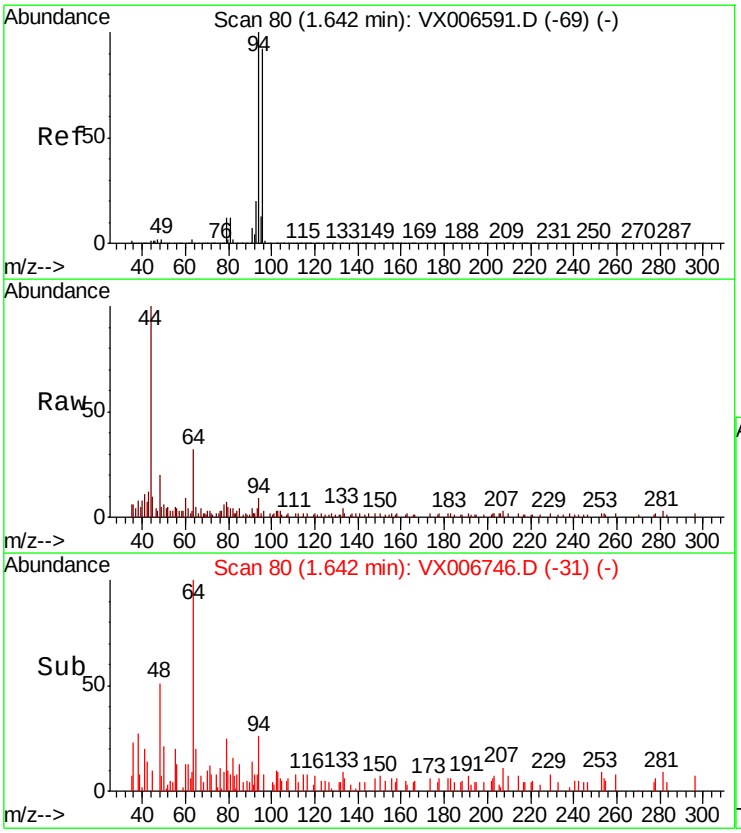
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion:168 Resp: 638626

Ion	Ratio	Lower	Upper
168	100		
99	53.0	41.8	62.8

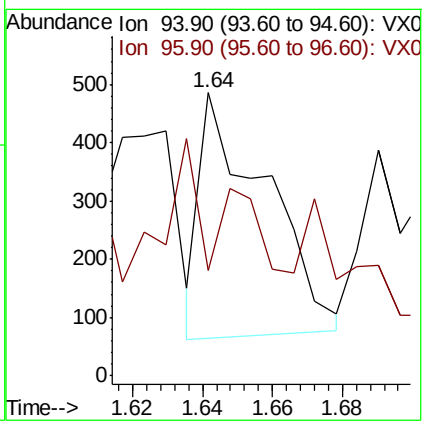


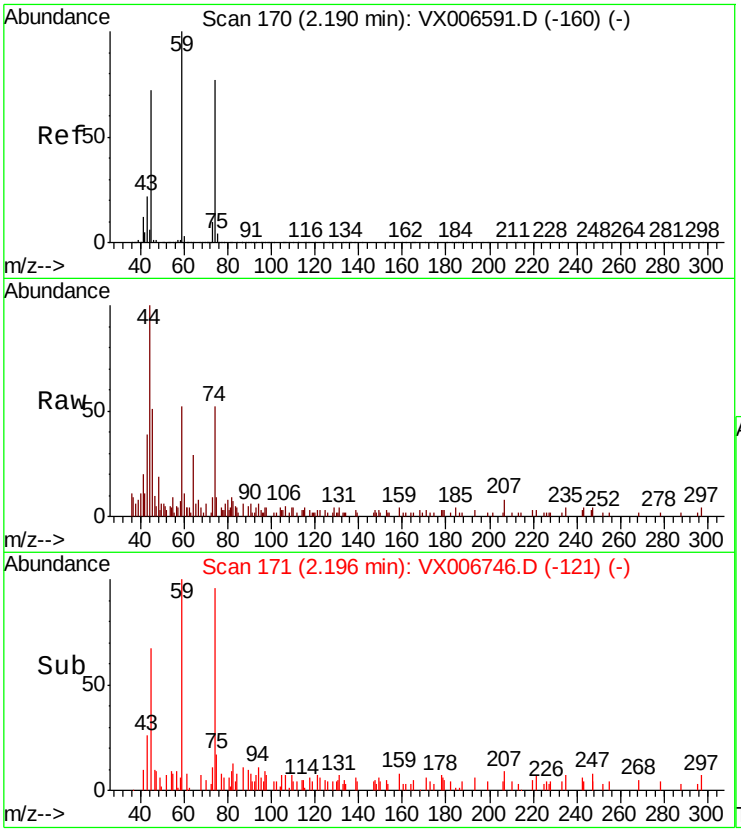


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 94 Resp: 551

Ion	Ratio	Lower	Upper
94	100		
96	3.9	73.4	110.2#



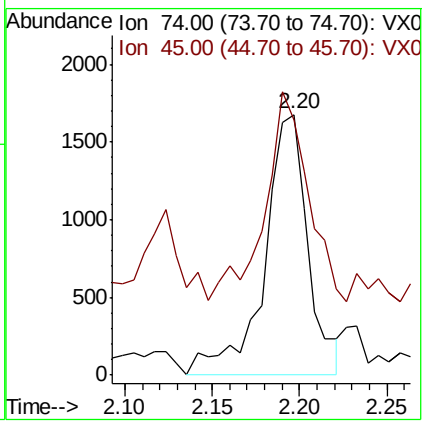


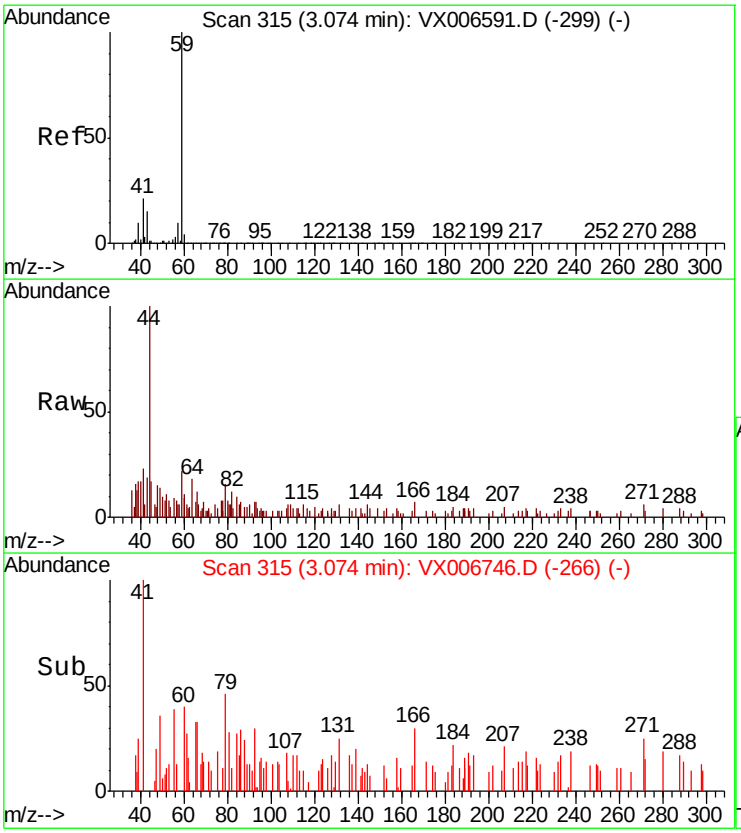
#8
Diethyl Ether
Concen: 0.715 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 74 Resp: 2912

Ion	Ratio	Lower	Upper
74	100		
45	85.9	46.3	138.9

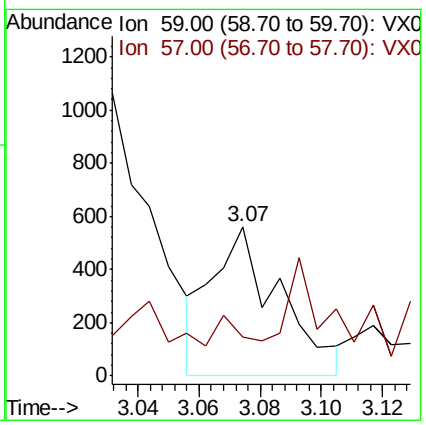


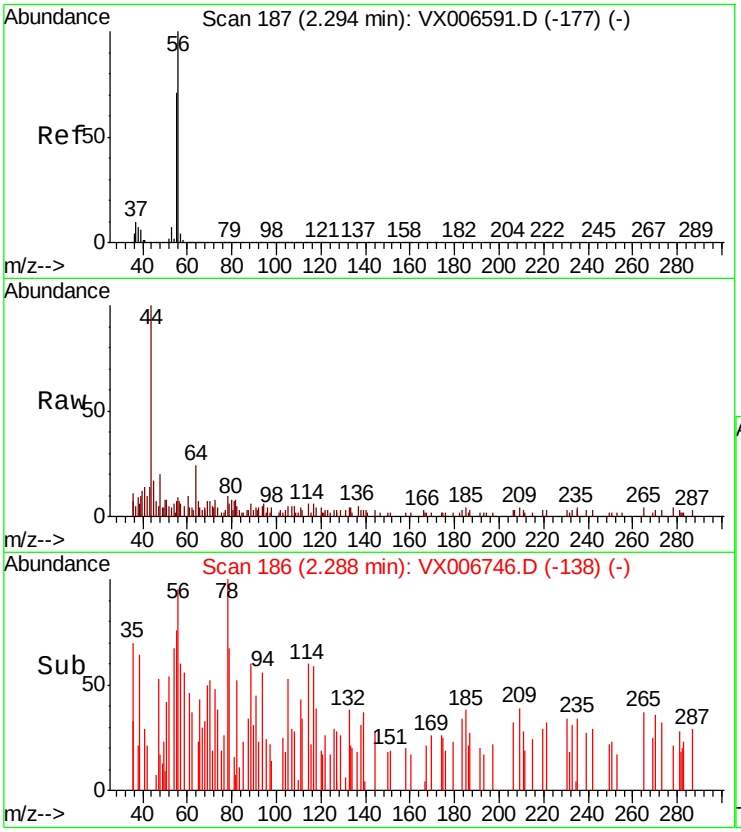


#11
Tert butyl alcohol
Concen: 0.561 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 59 Resp: 862

Ion	Ratio	Lower	Upper
59	100		
57	7.1	8.5	12.7#



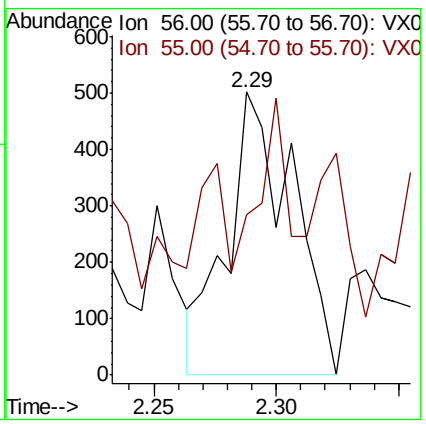


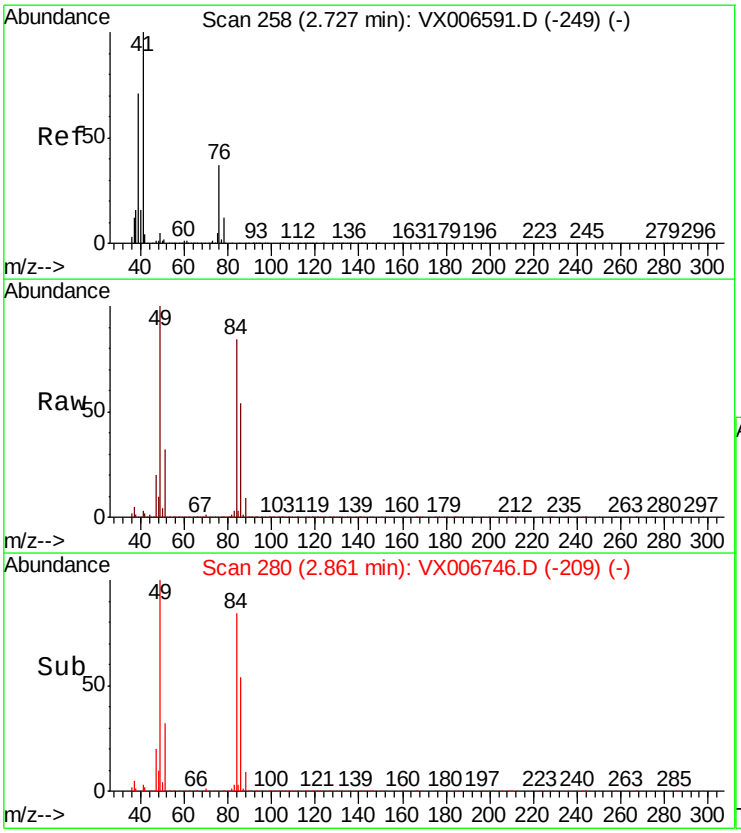
#13
Acrolein
Concen: 0.893 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 56 Resp: 925

Ion	Ratio	Lower	Upper
56	100		
55	32.2	58.2	87.4#

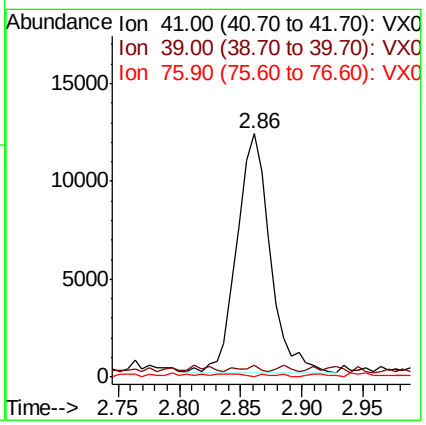


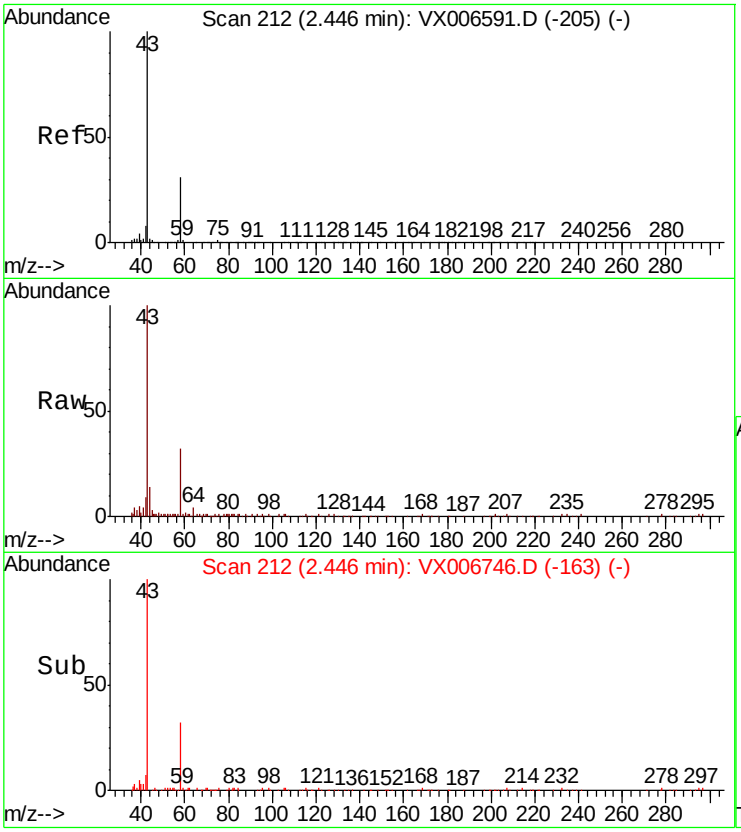


#14
Allyl chloride
Concen: 2.387 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 41 Resp: 22923

Ion	Ratio	Lower	Upper
41	100		
39	2.4	53.6	80.4#
76	0.8	27.4	41.2#



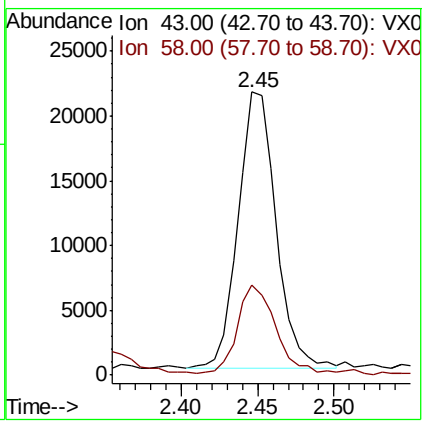


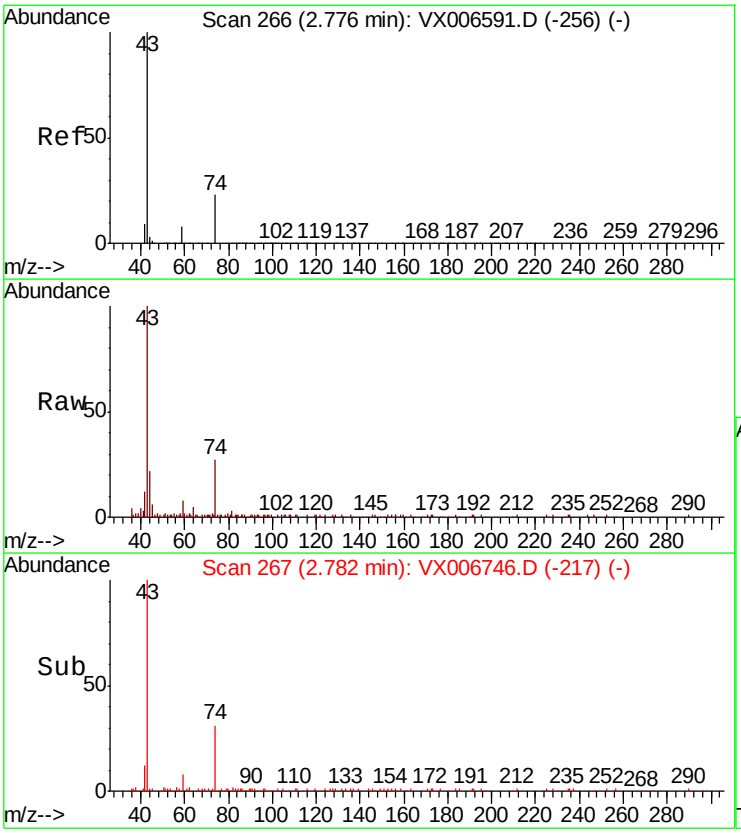
#16
Acetone
Concen: 11.555 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 43 Resp: 36540

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.0	37.6

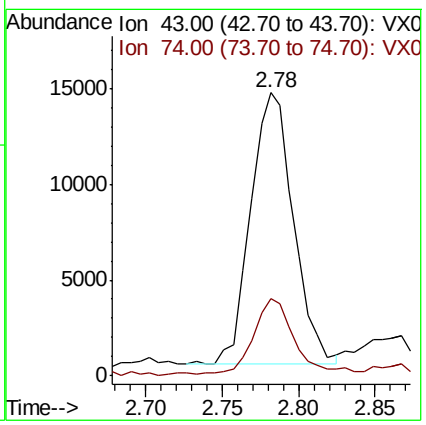


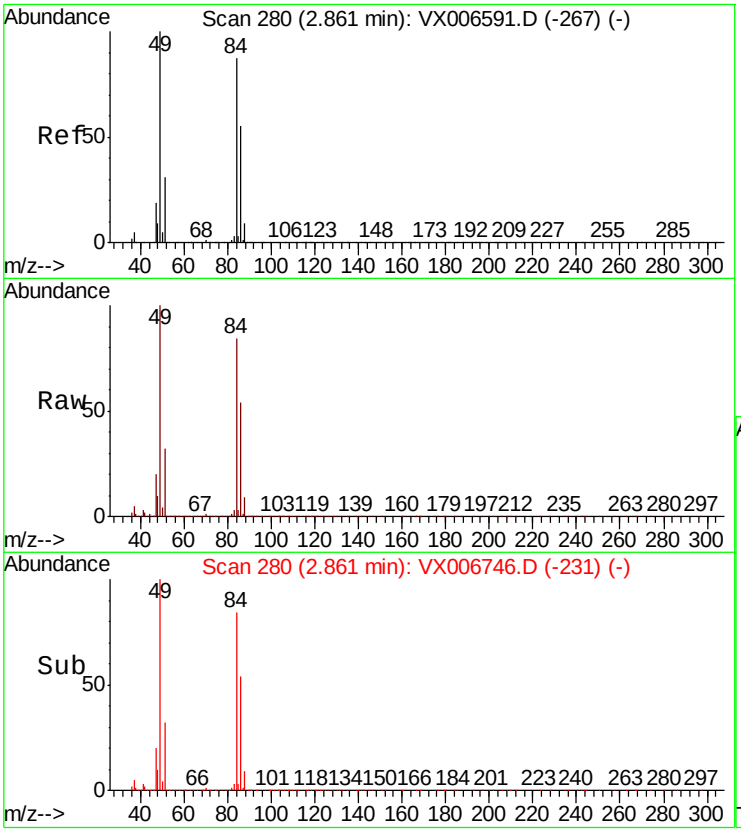


#18
Methyl Acetate
Concen: 2.969 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 43 Resp: 27611

Ion	Ratio	Lower	Upper
43	100		
74	26.4	18.6	28.0



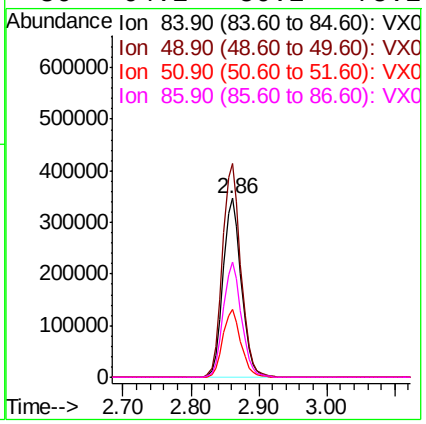


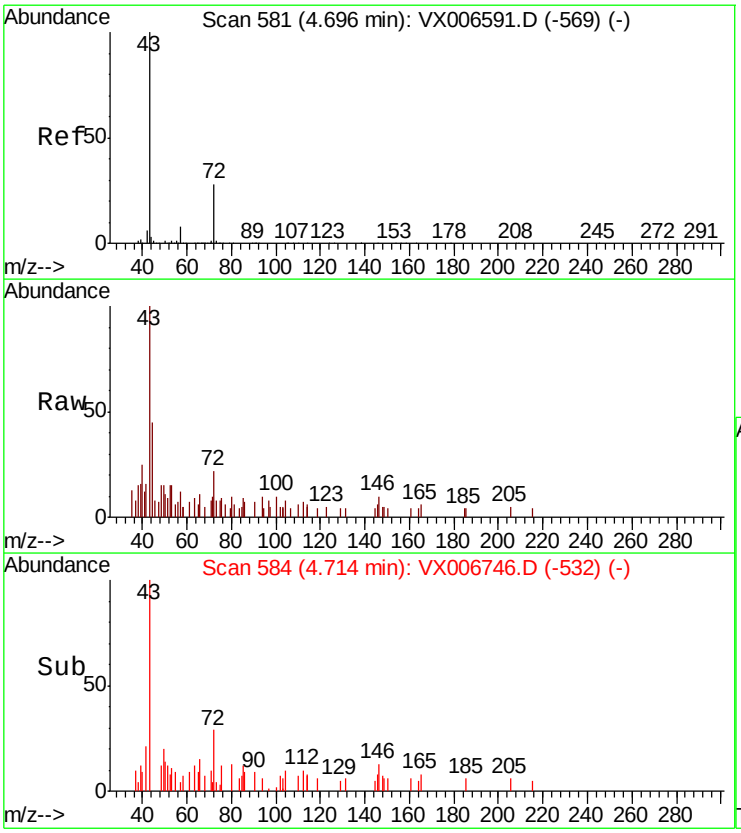
#20
Methylene Chloride
Concen: 98.345 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 84 Resp: 643064

Ion	Ratio	Lower	Upper
84	100		
49	119.5	91.8	137.6
51	37.9	28.5	42.7
86	64.2	50.2	75.2

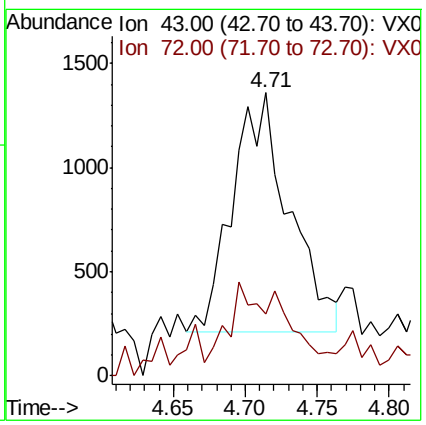


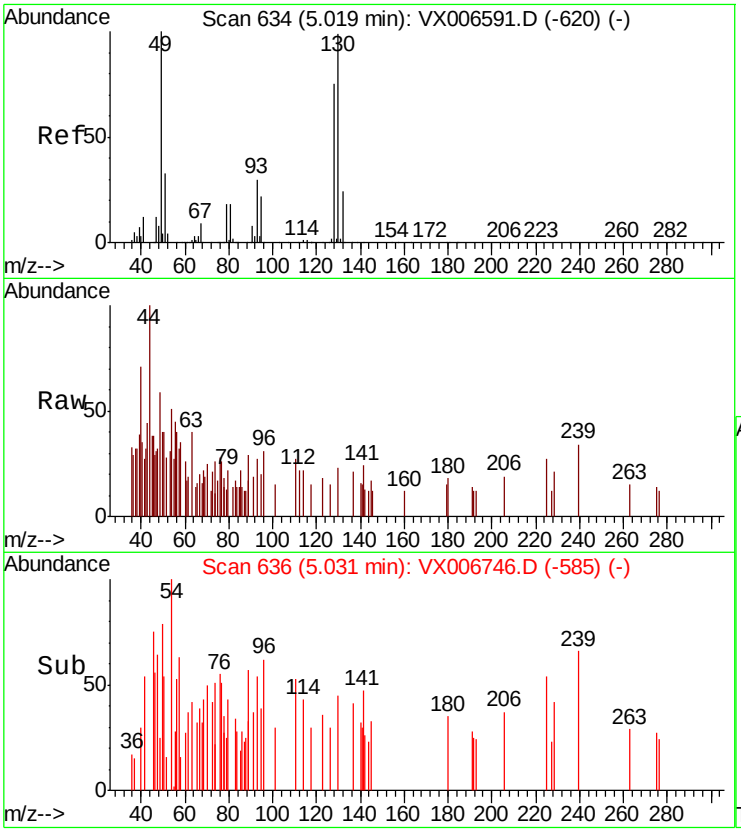


#25
2-Butanone
Concen: 0.707 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 43 Resp: 3146

Ion	Ratio	Lower	Upper
43	100		
72	16.4	22.4	33.6#



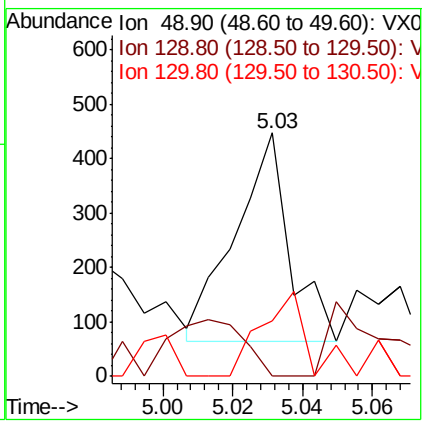


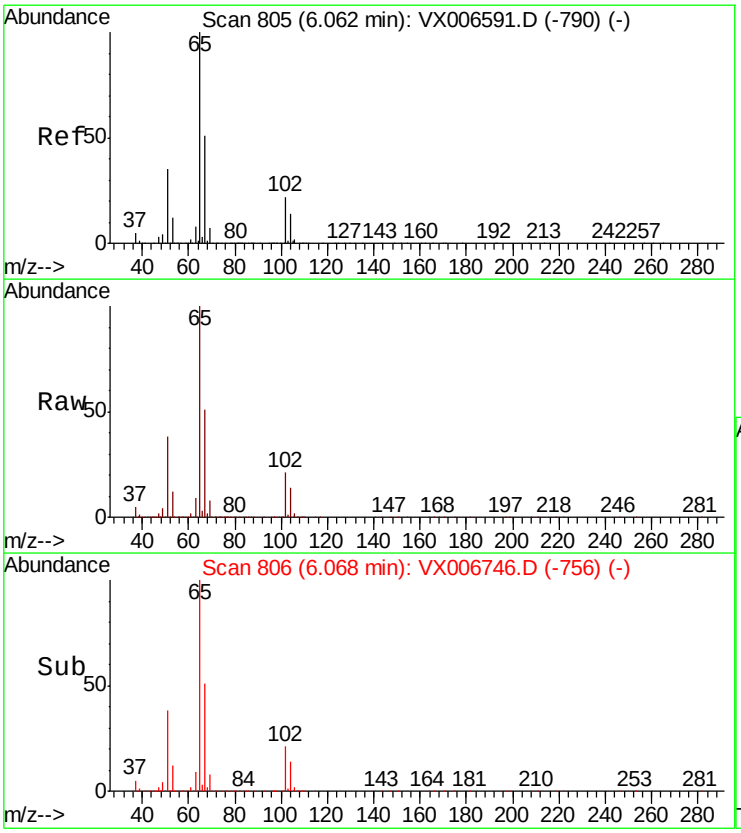
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 49 Resp: 411

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	35.5	77.7	116.5#

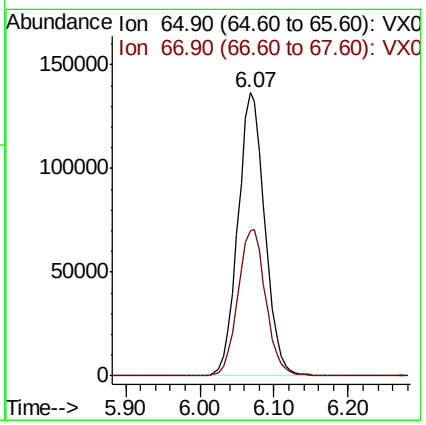


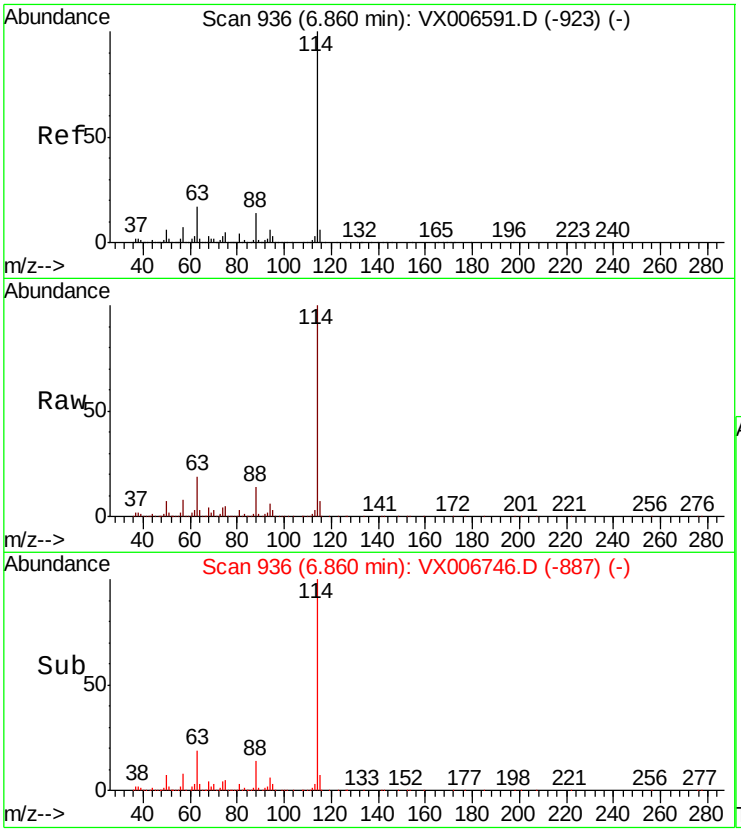


#33
1,2-Dichloroethane-d4
Concen: 50.324 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 65 Resp: 346371

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0



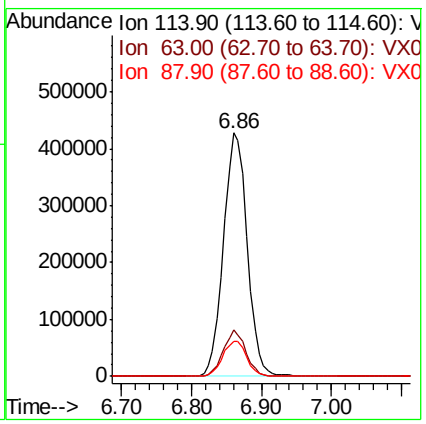


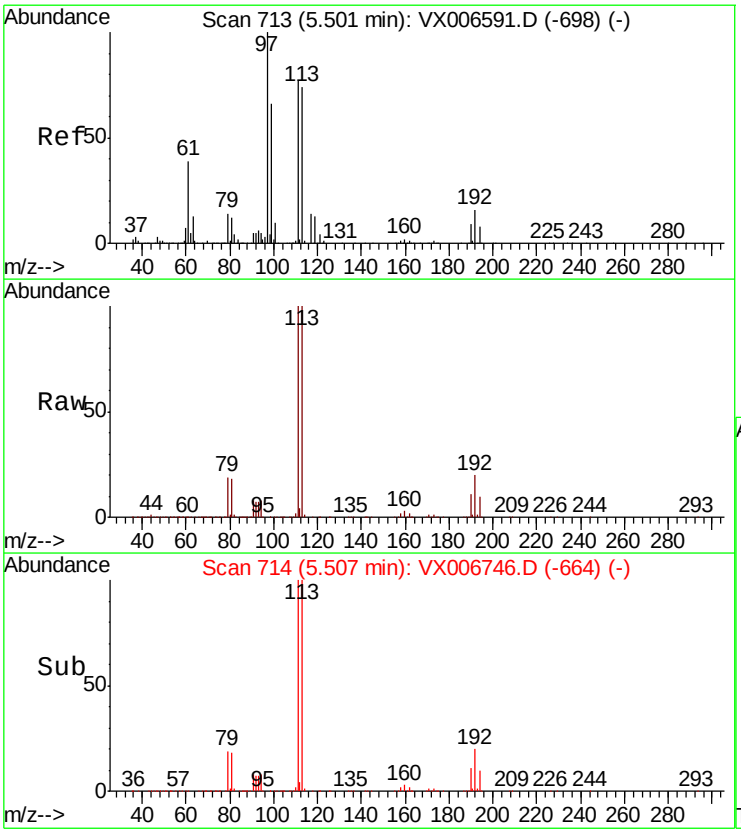
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion:114 Resp: 1009090

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.8
88	14.4	0.0	28.8

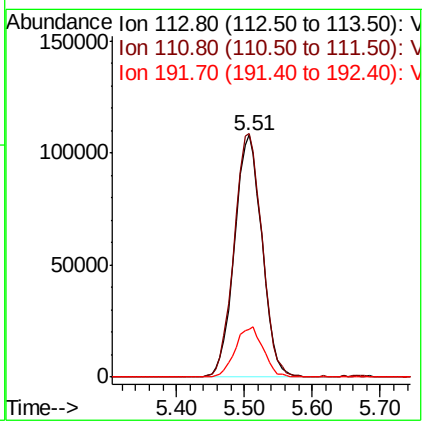


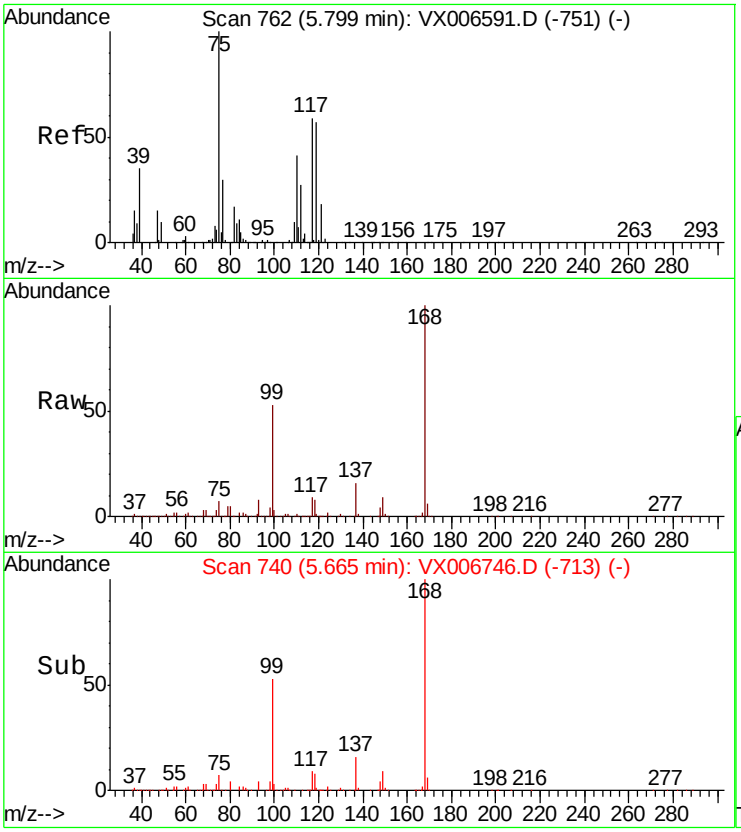


#35
Dibromofluoromethane
Concen: 47.514 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:113 Resp: 303201

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.0	16.7	25.1



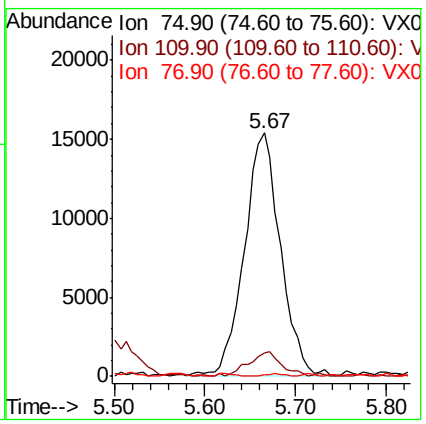


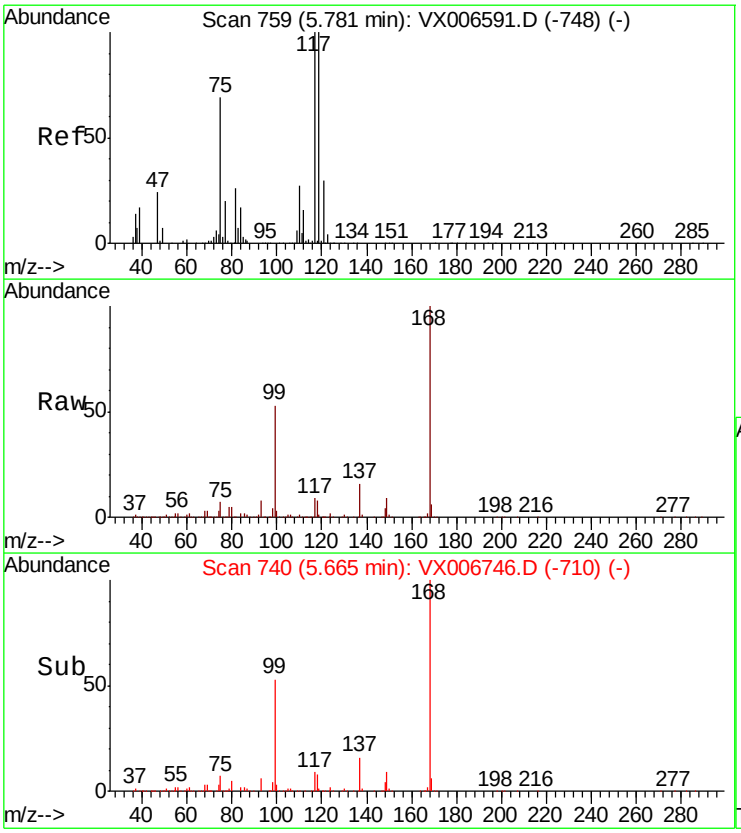
#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 75 Resp: 42087

Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.2	60.5#
77	0.5	24.8	37.2#

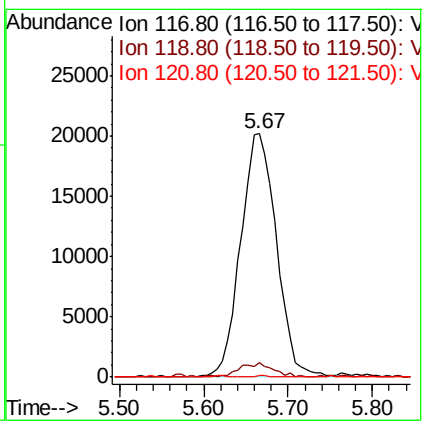


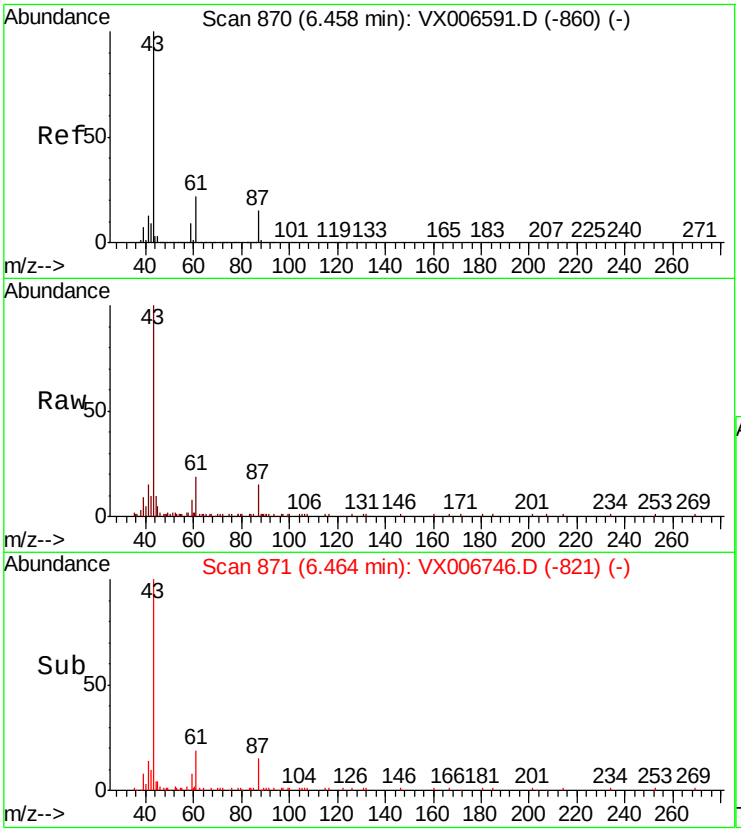


#38
Carbon Tetrachloride
Concen: 7.153 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:117 Resp: 58099

Ion	Ratio	Lower	Upper
117	100		
119	5.8	79.4	119.2#
121	0.6	24.0	36.0#



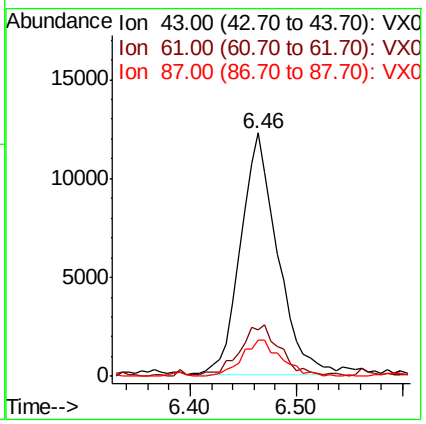


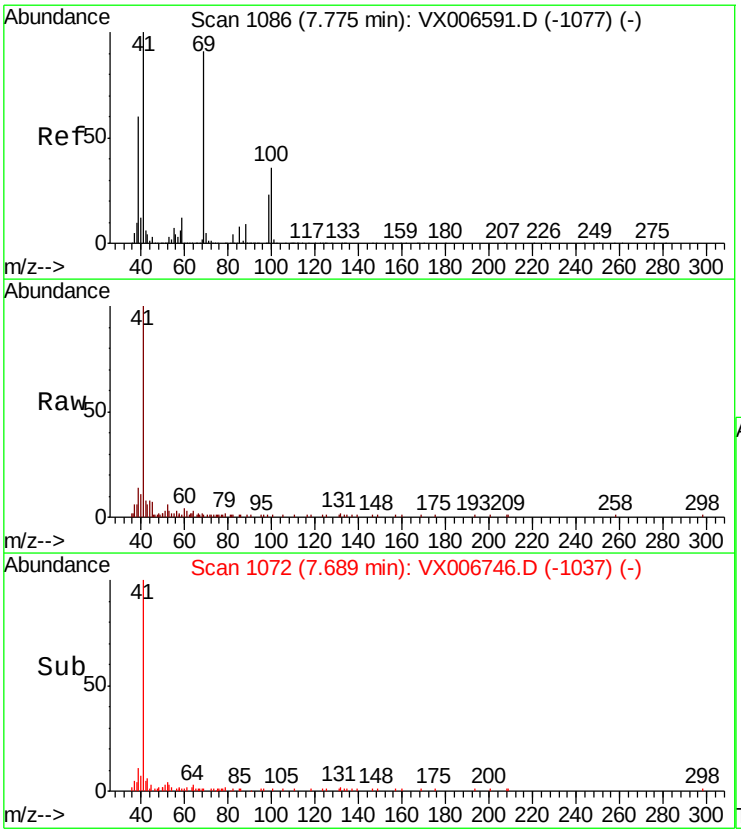
#43
Isopropyl Acetate
Concen: 2.273 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 43 Resp: 30088

Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	15.7	12.4	18.6

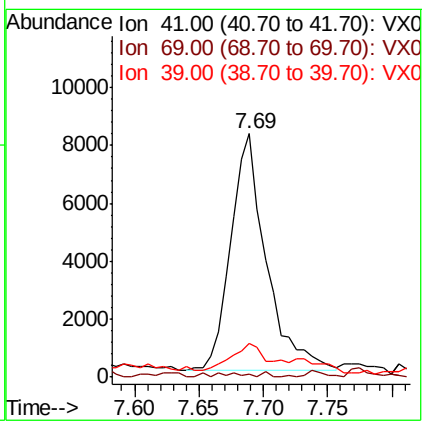


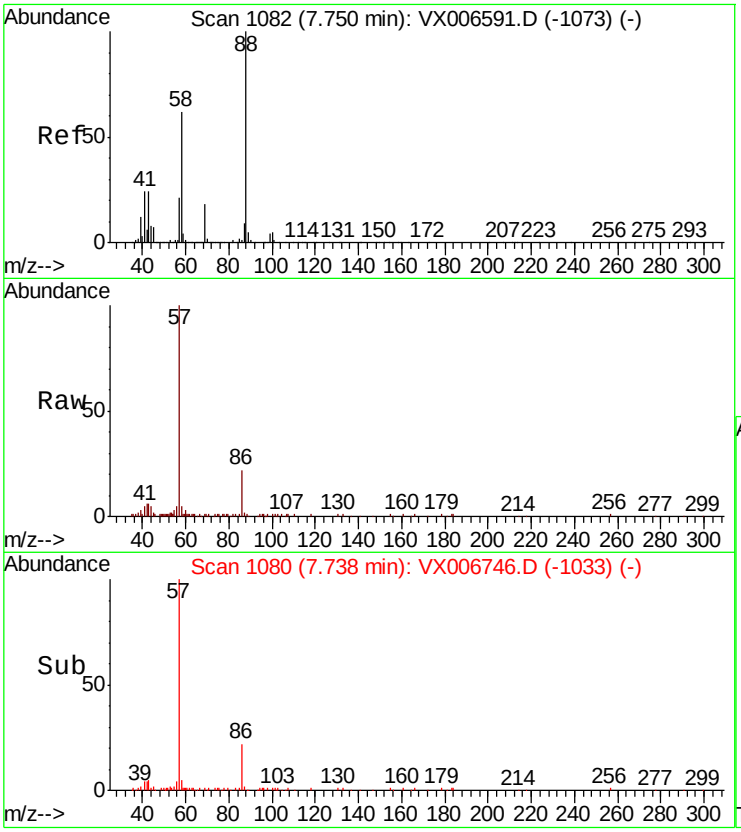


#48
Methyl methacrylate
Concen: 2.332 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 41 Resp: 15699

Ion	Ratio	Lower	Upper
41	100		
69	0.4	72.4	108.6#
39	0.0	45.8	68.8#



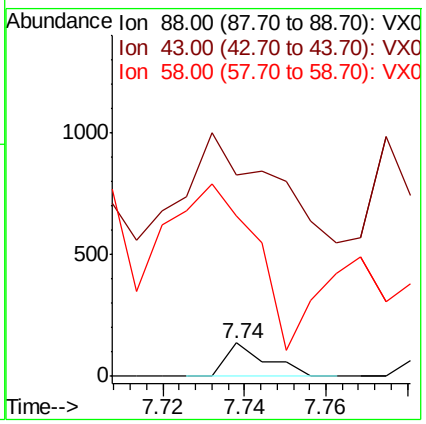


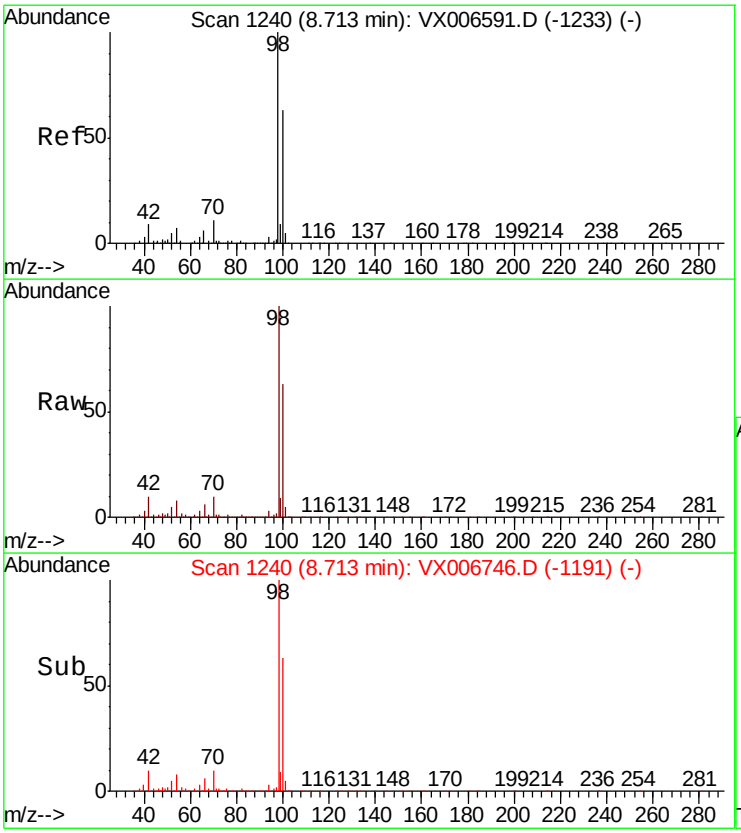
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	1744.2	51.0	76.4#

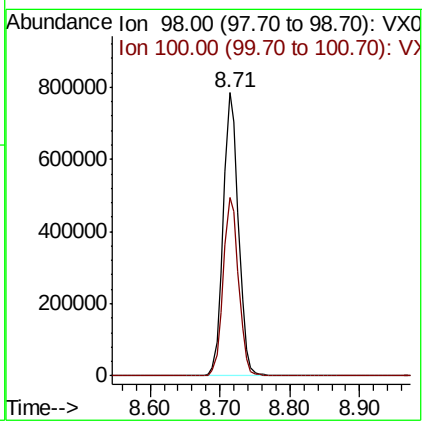


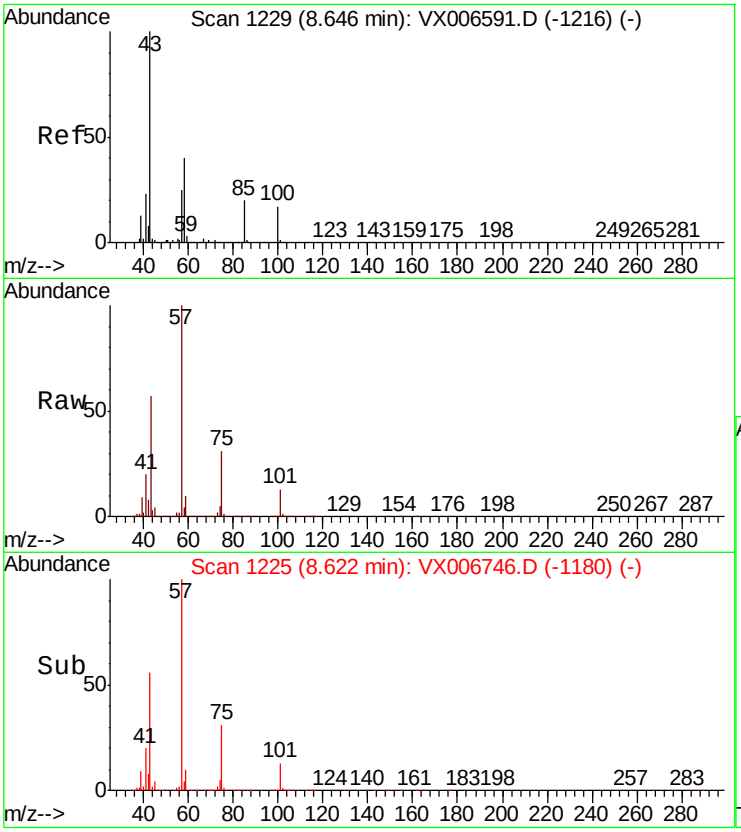


#50
Toluene-d8
Concen: 49.538 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 98 Resp: 1191779

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.0	78.0



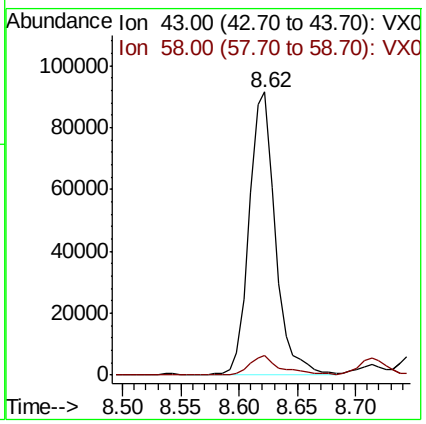


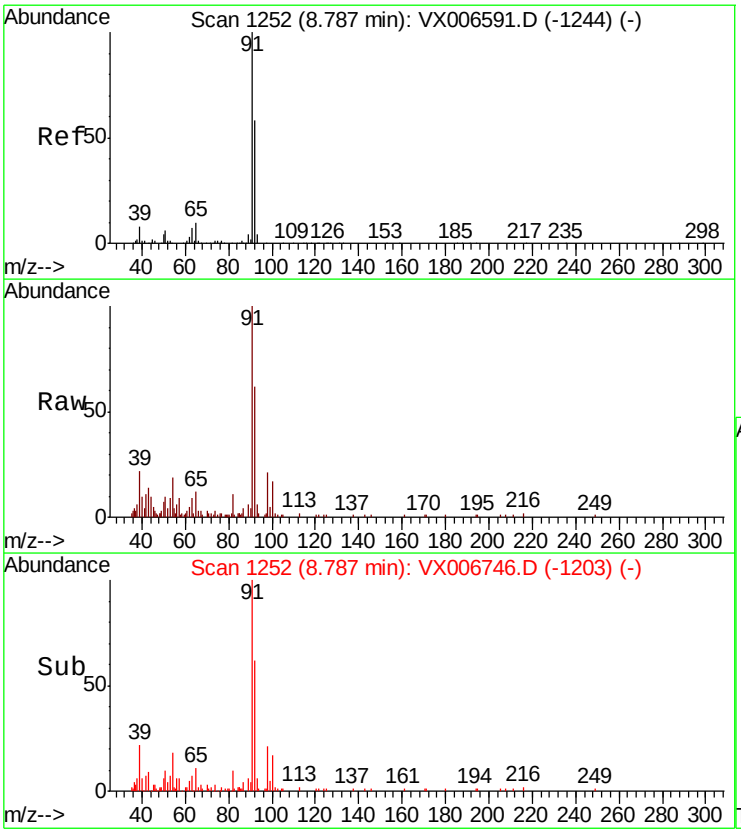
#51
4-Methyl-2-Pentanone
Concen: 16.937 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 43 Resp: 142635

Ion	Ratio	Lower	Upper
43	100		
58	8.4	31.8	47.6#

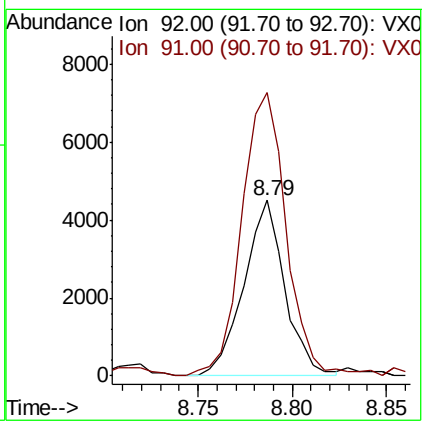


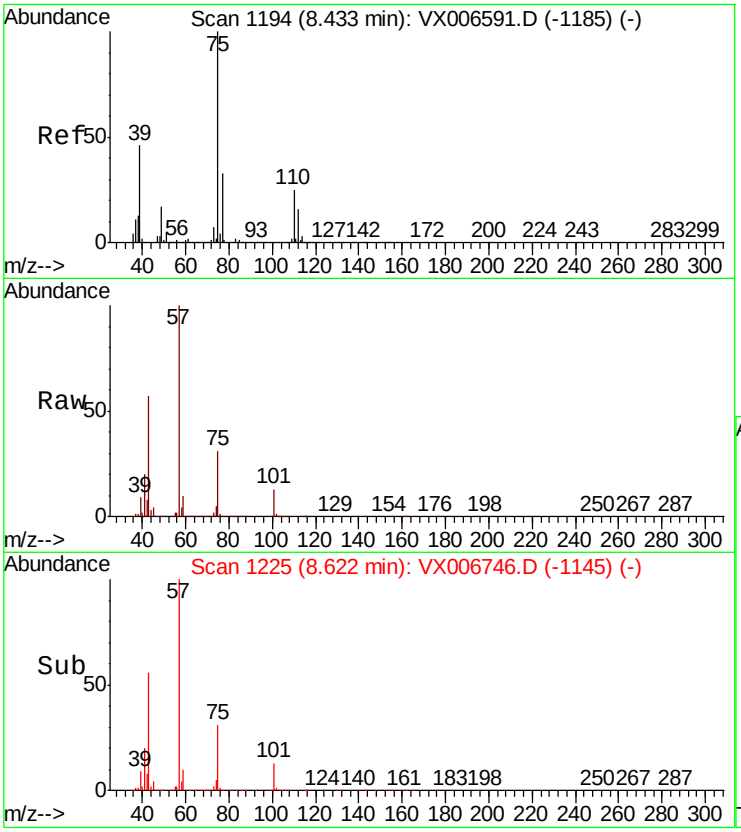


#52
Toluene
Concen: 0.413 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 92 Resp: 6786

Ion	Ratio	Lower	Upper
92	100		
91	175.2	137.6	206.4



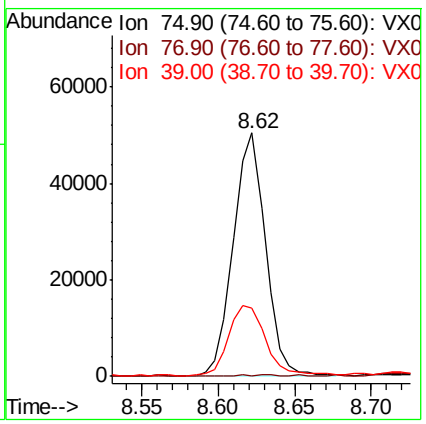


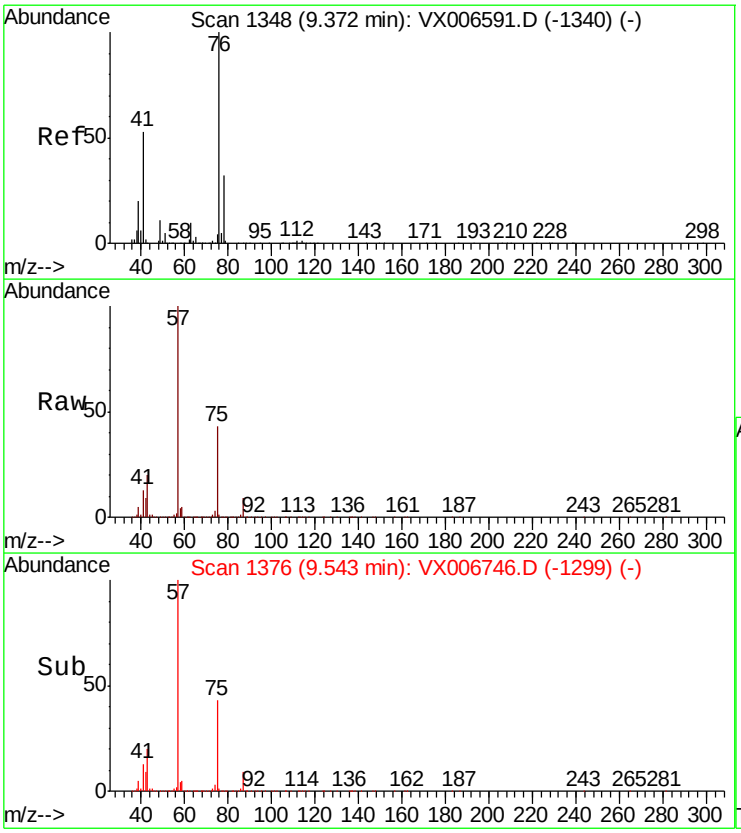
#54
cis-1,3-Dichloropropene
Concen: 8.307 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 75 Resp: 73800

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	27.5	36.7	55.1#

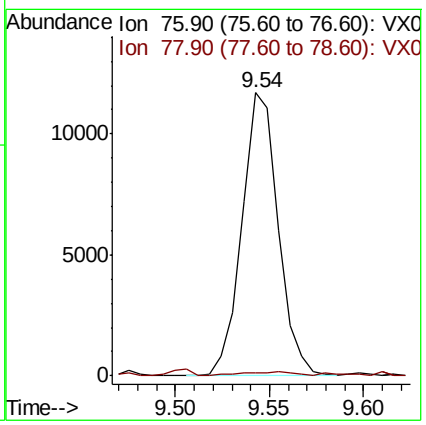


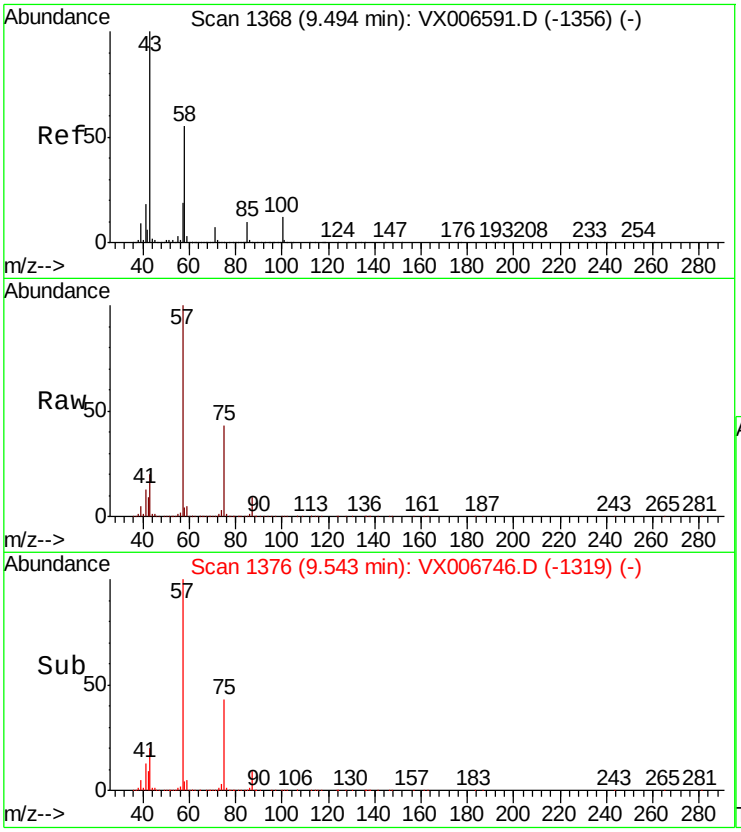


#57
1,3-Dichloropropane
Concen: 1.444 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 76 Resp: 15605

Ion	Ratio	Lower	Upper
76	100		
78	2.2	26.0	39.0#



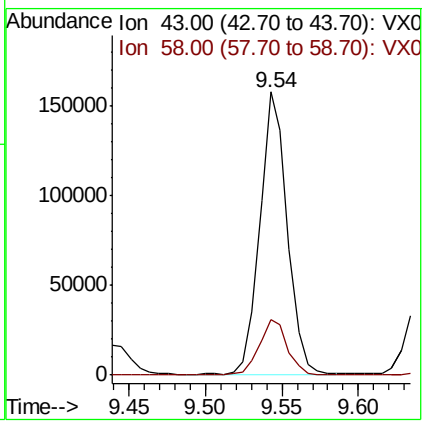


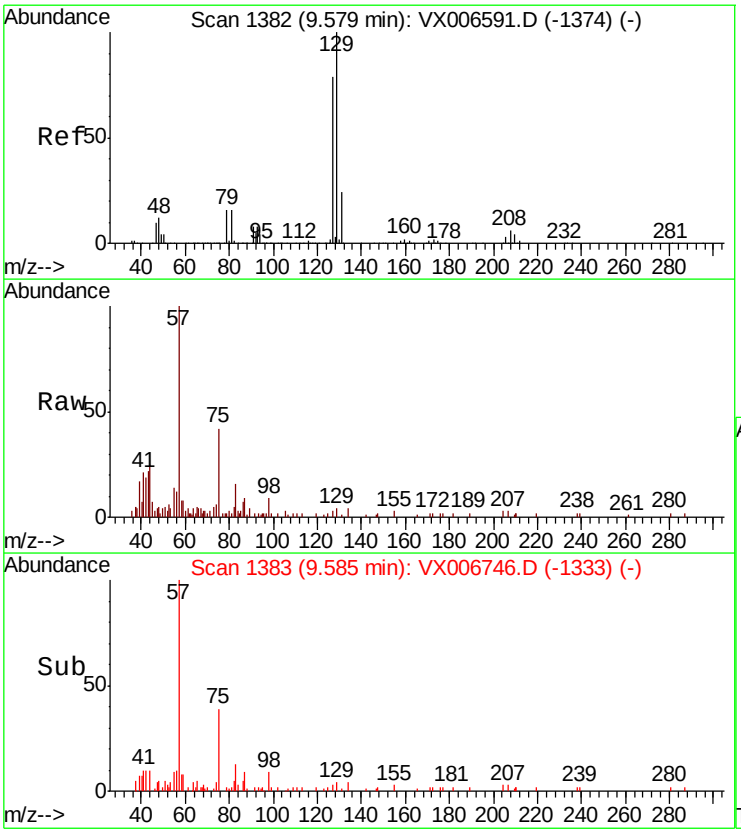
#59
2-Hexanone
Concen: 30.688 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion: 43 Resp: 197733

Ion	Ratio	Lower	Upper
43	100		
58	20.6	27.7	83.1#

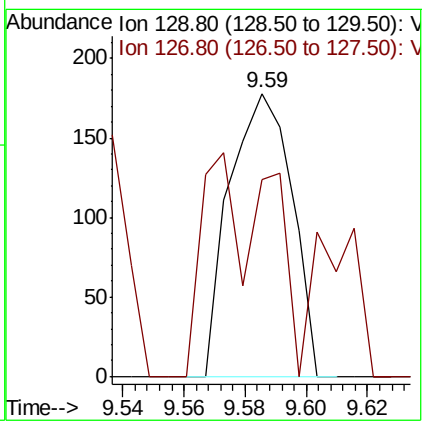


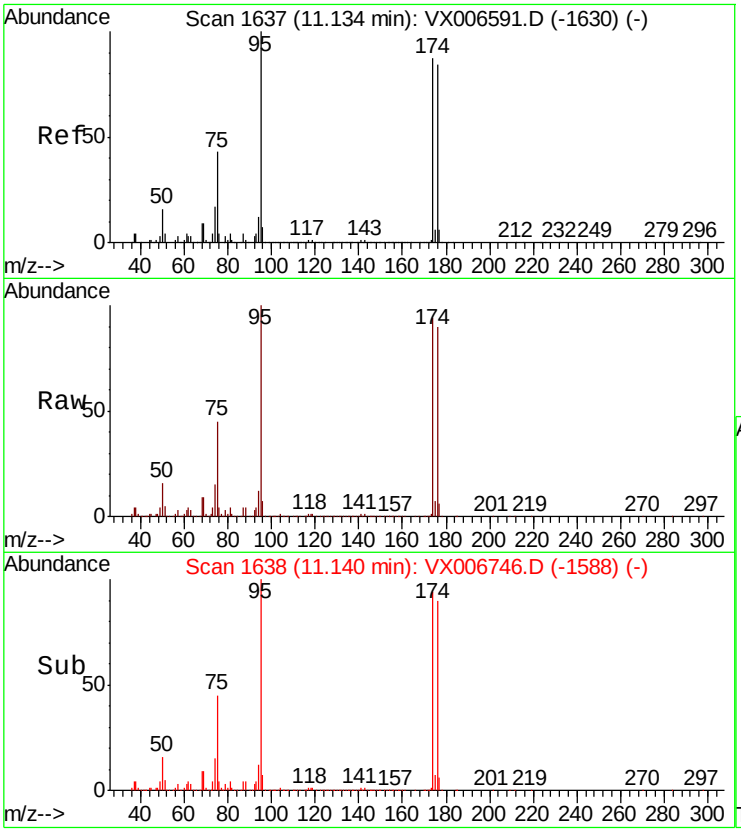


#60
Dibromochloromethane
Concen: 2.358 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:129 Resp: 251

Ion	Ratio	Lower	Upper
129	100		
127	47.4	39.3	117.8



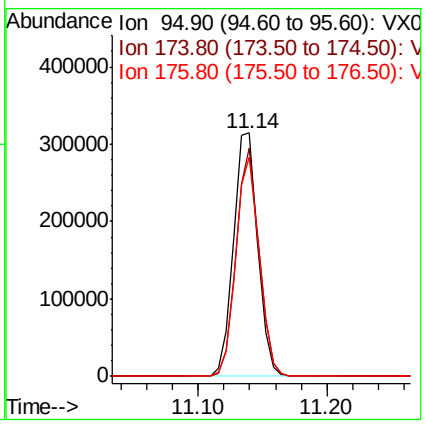


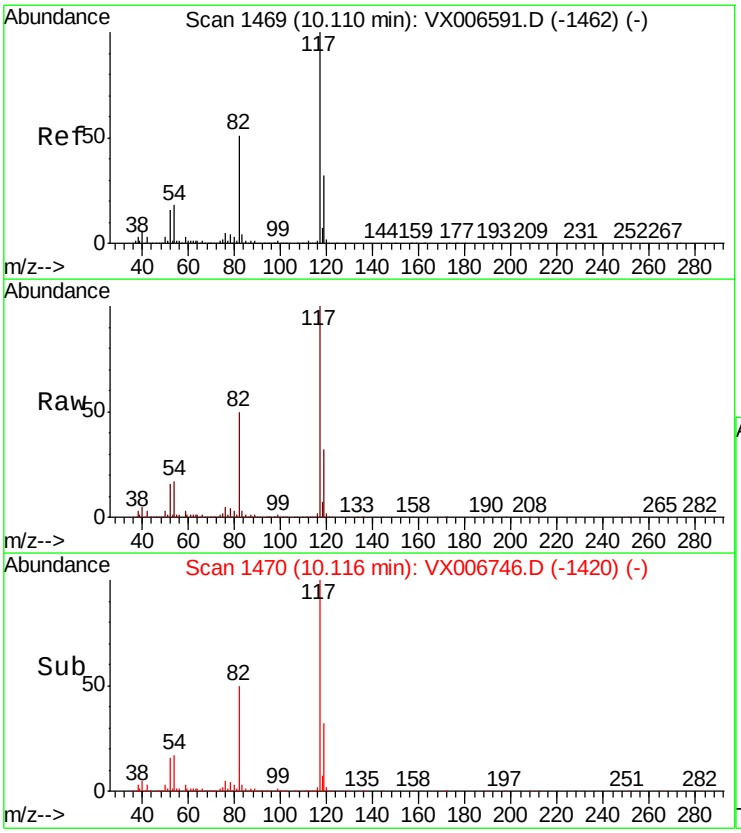
#62
4-Bromofluorobenzene
Concen: 46.918 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion: 95 Resp: 413390

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	182.2
176	86.4	0.0	178.8

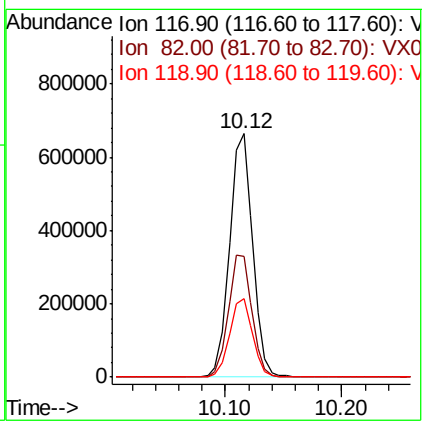


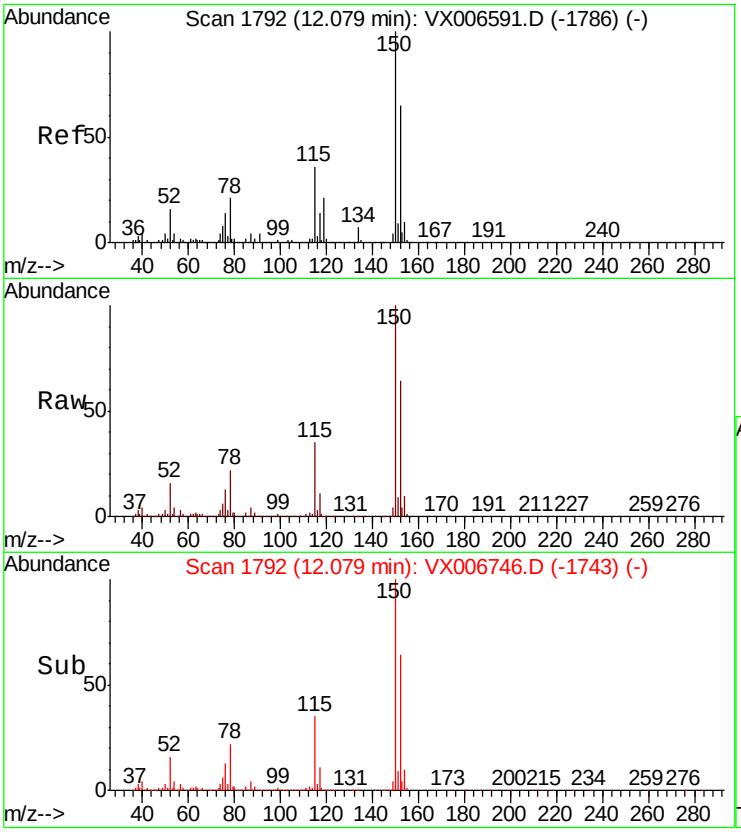


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:117 Resp: 915393

Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.2	25.4	38.0



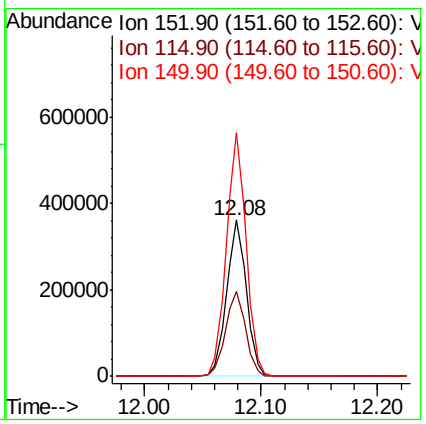


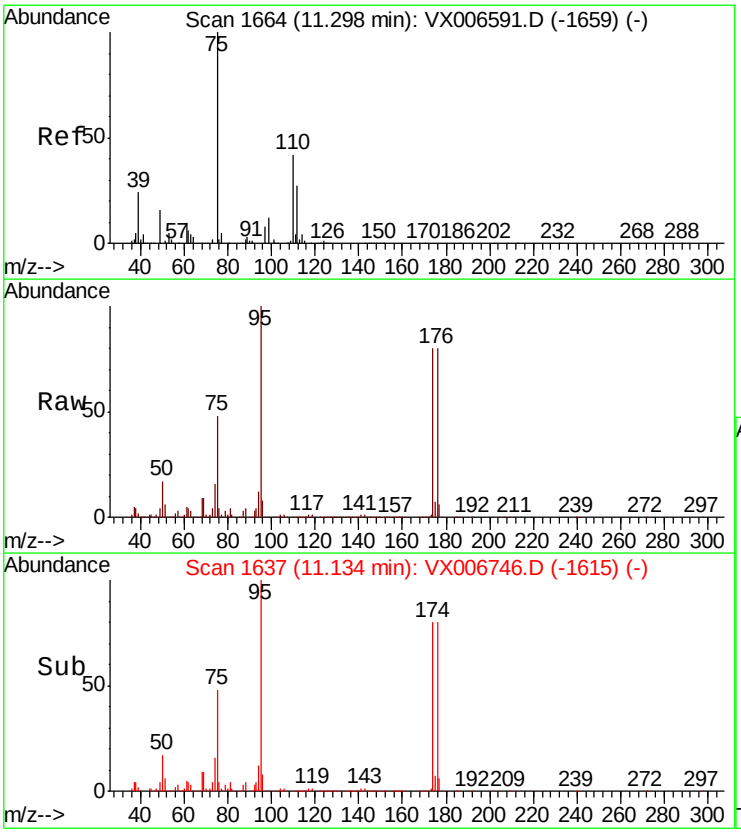
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument : MSVOA_X
ClientSampleId : 72-11989

Tgt Ion:152 Resp: 426630

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	155.4	0.0	344.8

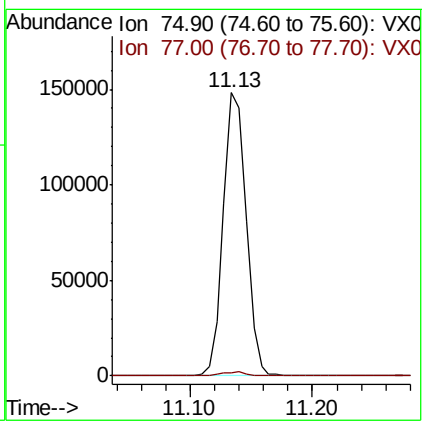


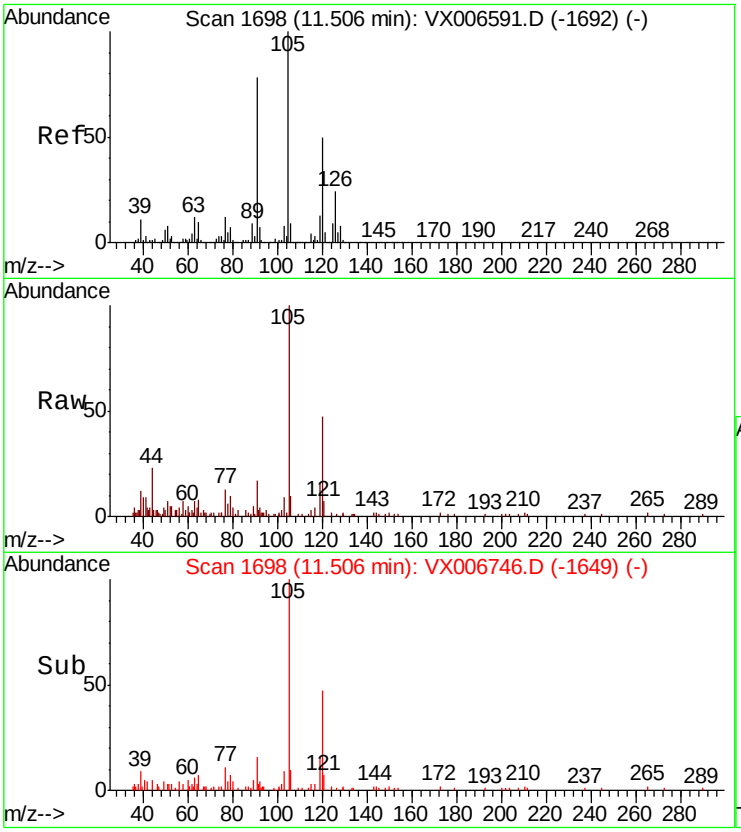


#76
1,2,3-Trichloropropane
Concen: 24.343 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 75 Resp: 193006

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#



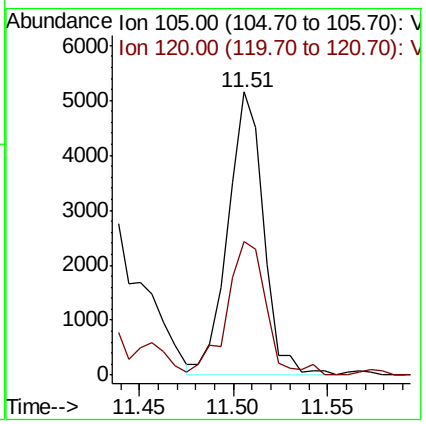


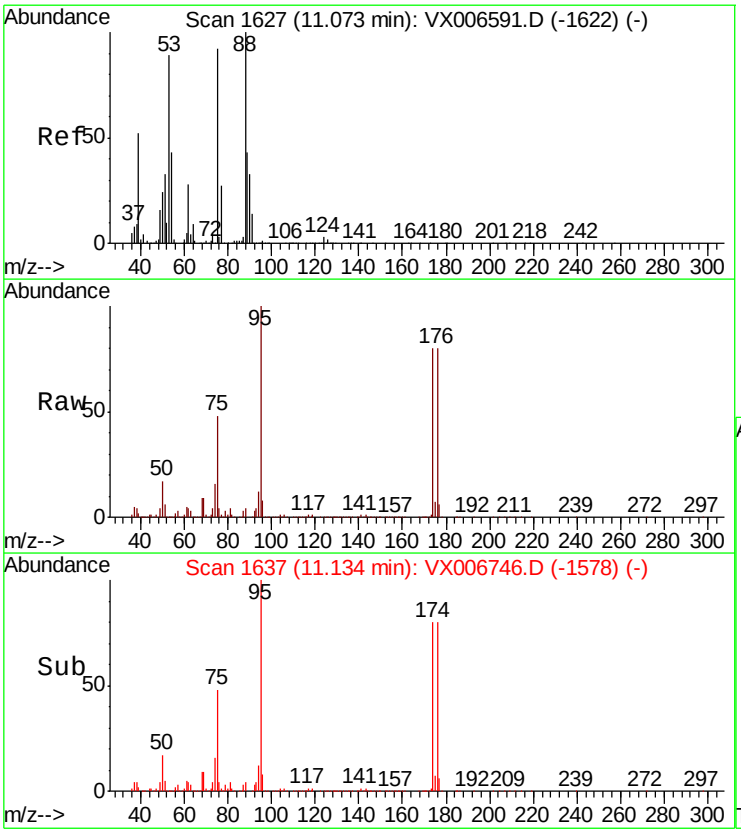
#80
1,3,5-Trimethylbenzene
Concen: 0.281 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion:105 Resp: 6746

Ion	Ratio	Lower	Upper
105	100		
120	52.3	25.1	75.3

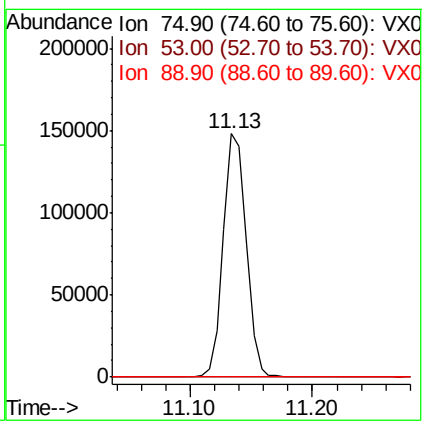


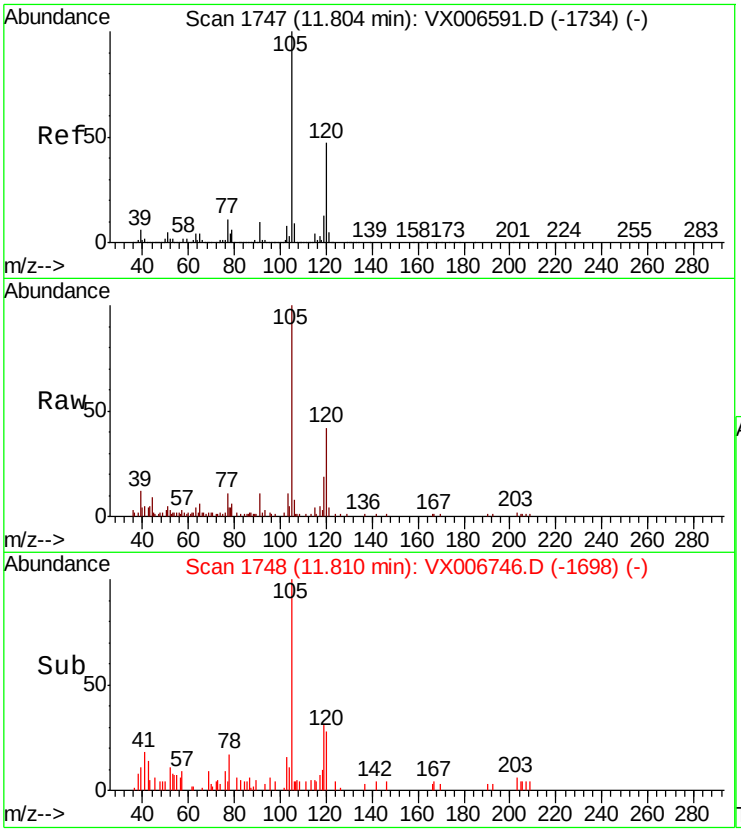


#81
trans-1,4-Dichloro-2-butene
Concen: 72.044 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 75 Resp: 193006

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.7	119.5#
89	0.0	38.0	57.0#



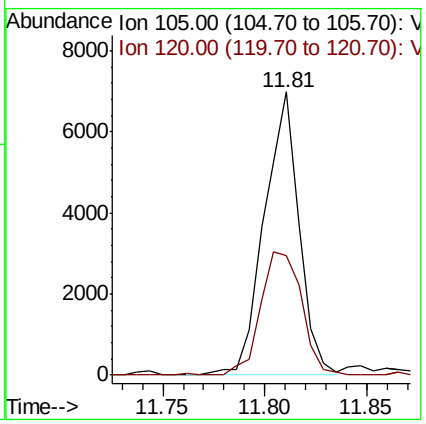


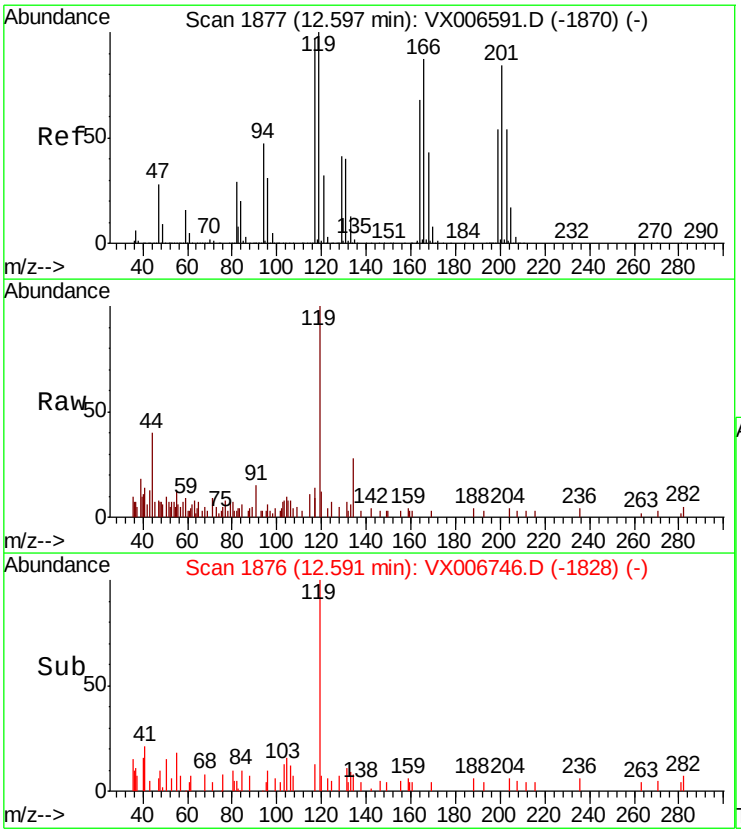
#84
1,2,4-Trimethylbenzene
Concen: 0.328 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion:105 Resp: 8297

Ion	Ratio	Lower	Upper
105	100		
120	51.4	23.2	69.6

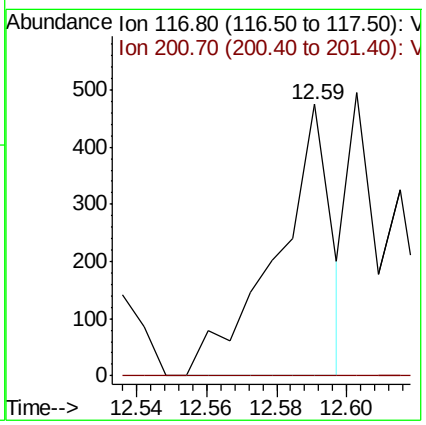


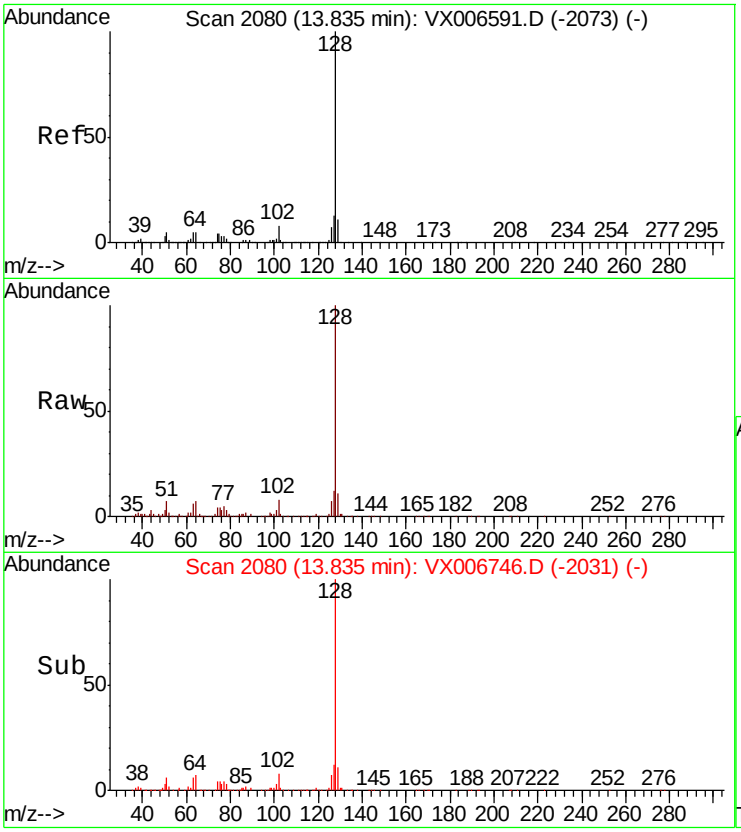


#90
Hexachloroethane
Concen: 3.412 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:117 Resp: 514

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 1.336 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Tgt Ion:128 Resp: 41849

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	12.0	8.6	13.0