Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006693.D
Acq On : 20 Dec 2018 23:47
Operator : JC/MD
Sample : J6514-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 21 03:37:45 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	655585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	924989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	348069	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
35) Dibromofluoromethane	5.51	113	308001	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	8.71	98	1200215	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
62) 4-Bromofluorobenzene	11.13	95	426567	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1545	Below Cal	#	35
10) Methyl Iodide	2.52	142	2056	0.233	ug/l #	66
11) Tert butyl alcohol	3.02	59	16374	10.384	ug/l #	79
13) Acrolein	2.29	56	282	0.265	ug/l	90
15) Acrylonitrile	3.15	53	1241	0.354	ug/l #	79
16) Acetone	2.45	43	5390	1.660	ug/l	93
18) Methyl Acetate	2.62	43	37017	3.878	ug/l #	54
20) Methylene Chloride	2.87	84	2475	0.369	ug/l #	80
28) Bromochloromethane	5.01	49	267	Below Cal	#	45
29) Tetrahydrofuran	5.17	42	982	0.327	ug/l #	67
36) 1,1-Dichloropropene	5.67	75	42270	5.040	ug/l #	50
38) Carbon Tetrachloride	5.67	117	60790	7.459	ug/l #	14
49) 1,4-Dioxane	7.76	88	109	Below Cal	#	1
60) Dibromochloromethane	9.47	129	48	2.331	ug/l	94
71) Bromoform	10.86	173	116	4.479	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	198837	24.476	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	198837	72.415	ug/l #	10
90) Hexachloroethane	12.81	117	41	3.302	ug/l	87

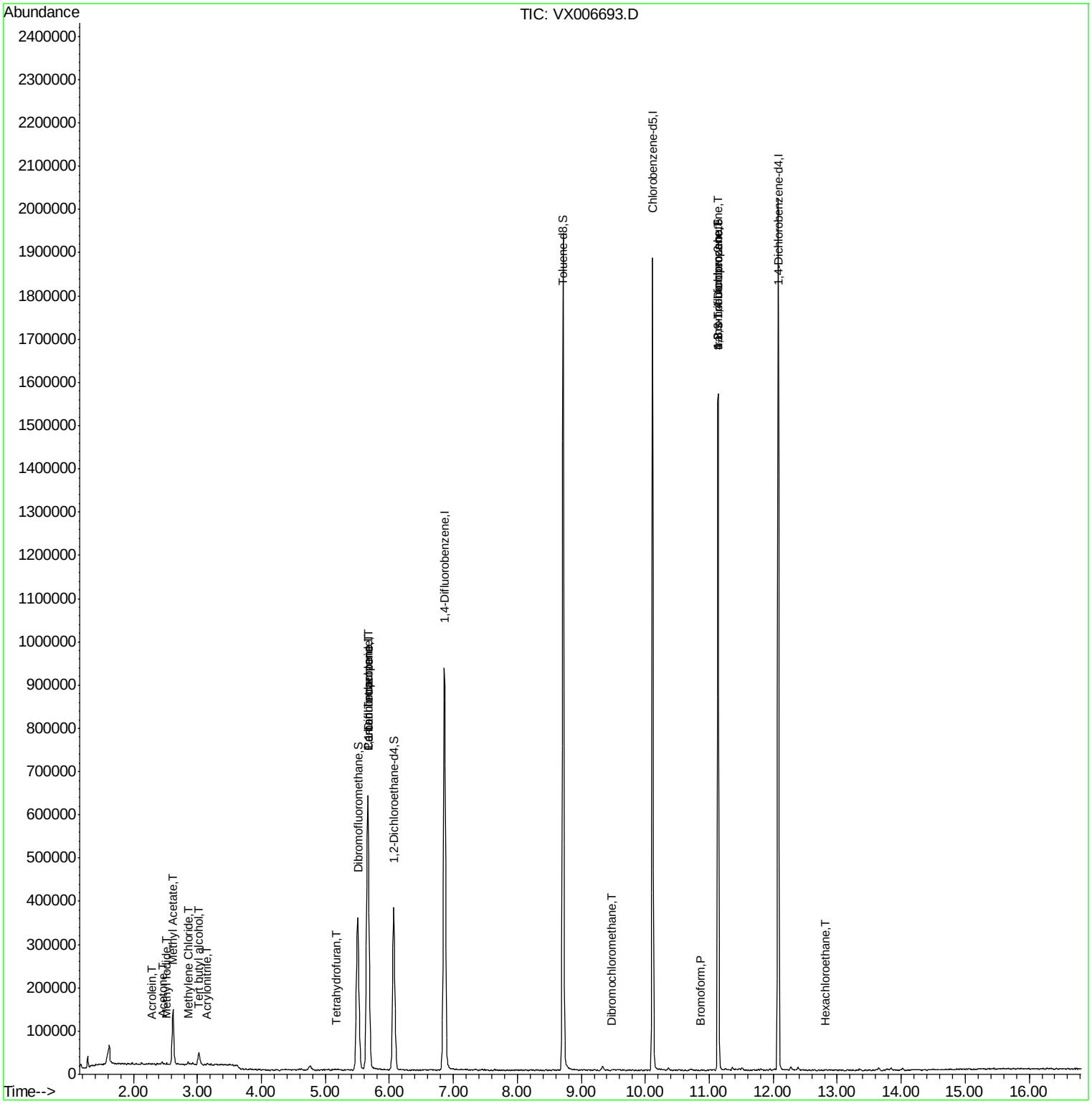
(#) = qualifier out of range (m) = manual integration (+) = signals summed

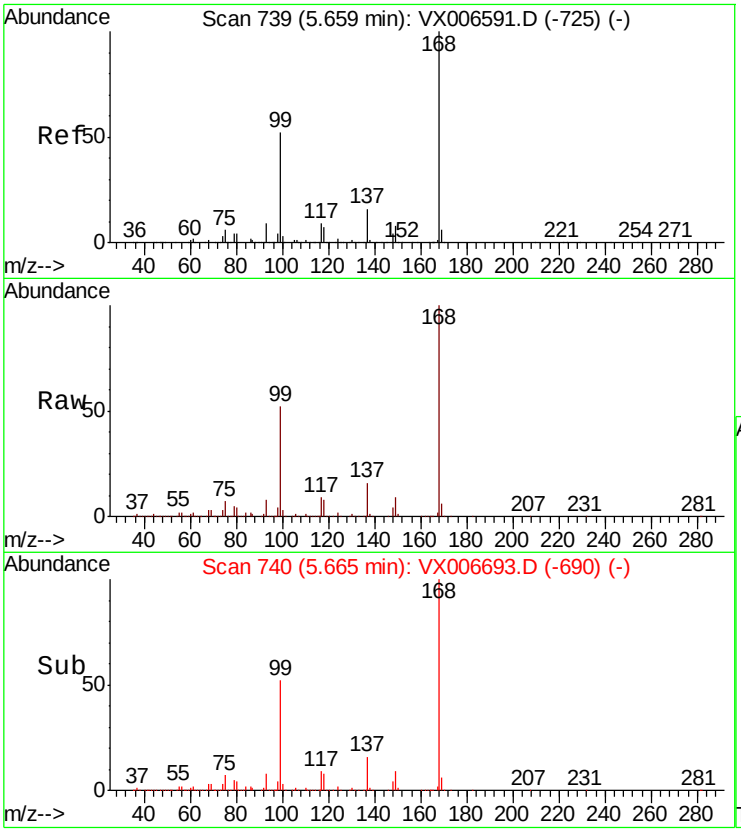
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006693.D
Acq On : 20 Dec 2018 23:47
Operator : JC/MD
Sample : J6514-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 21 03:37:45 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



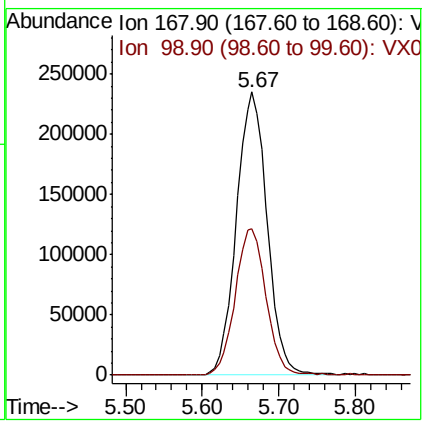


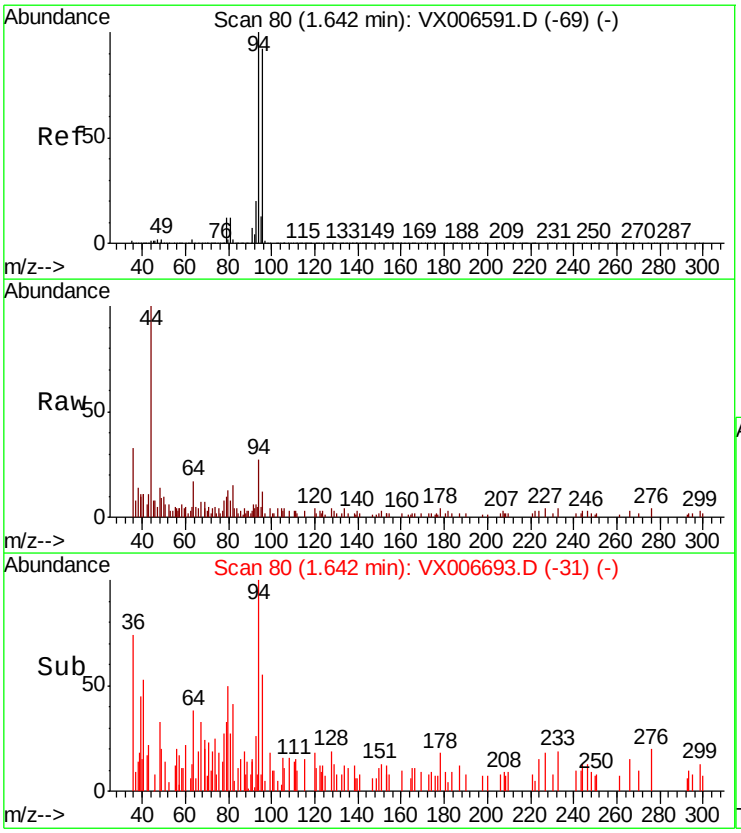
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 655585

Ion	Ratio	Lower	Upper
168	100		
99	51.9	41.8	62.8

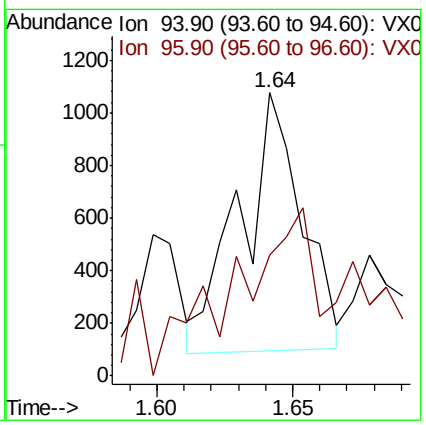


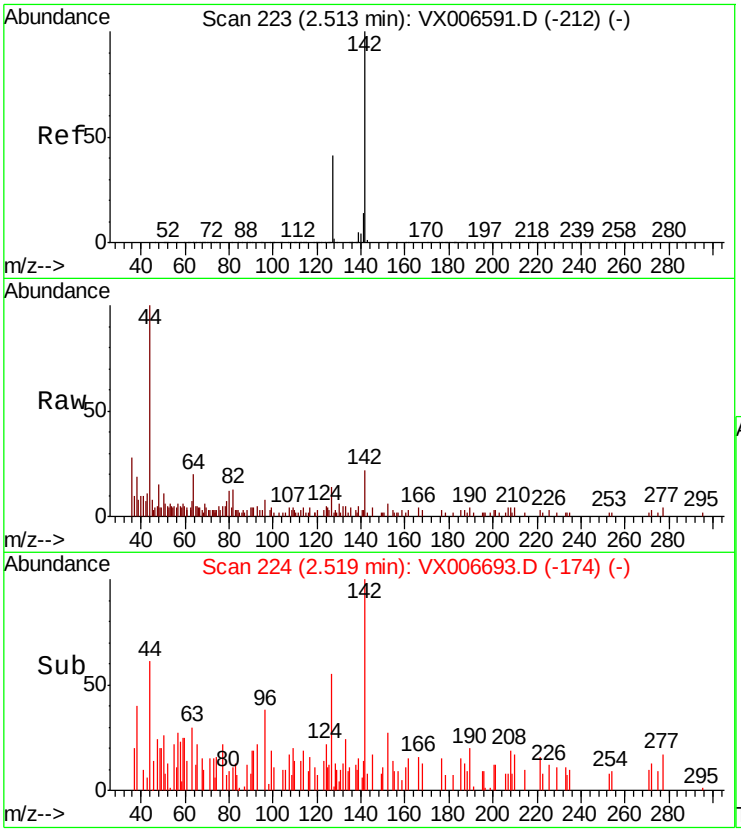


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 94 Resp: 1545

Ion	Ratio	Lower	Upper
94	100		
96	29.5	73.4	110.2#



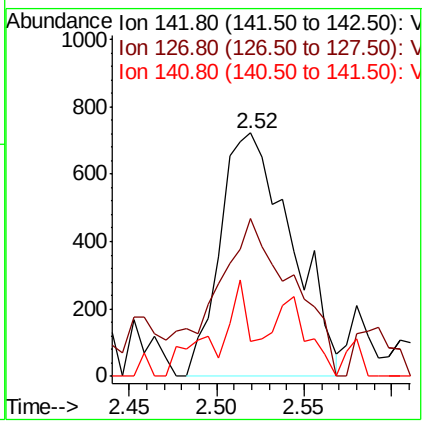


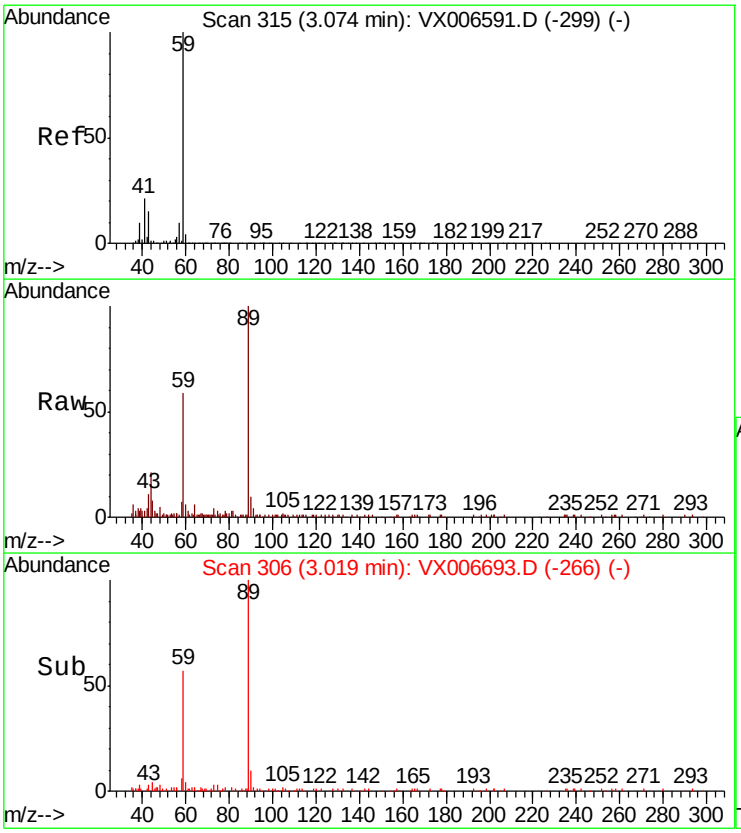
#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2056

Ion	Ratio	Lower	Upper
142	100		
127	68.2	33.9	50.9#
141	19.7	11.4	17.0#

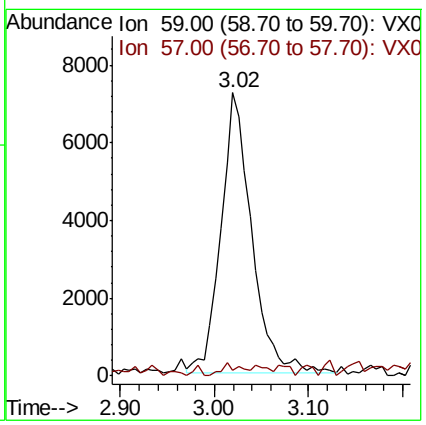


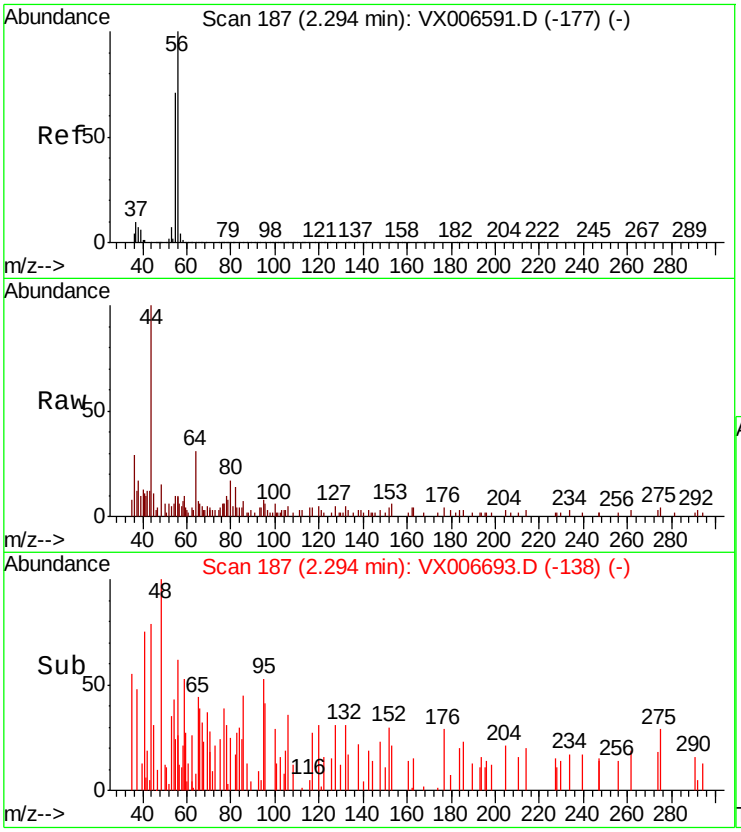


#11
Tert butyl alcohol
Concen: 10.384 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 59 Resp: 16374

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.5	12.7#



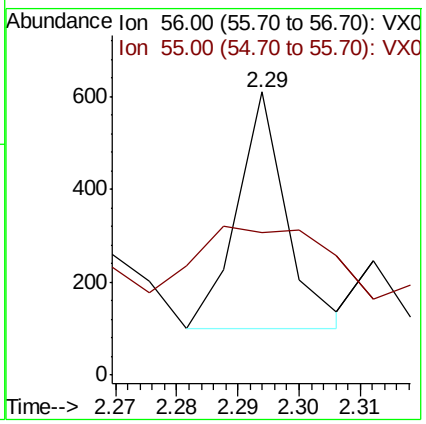


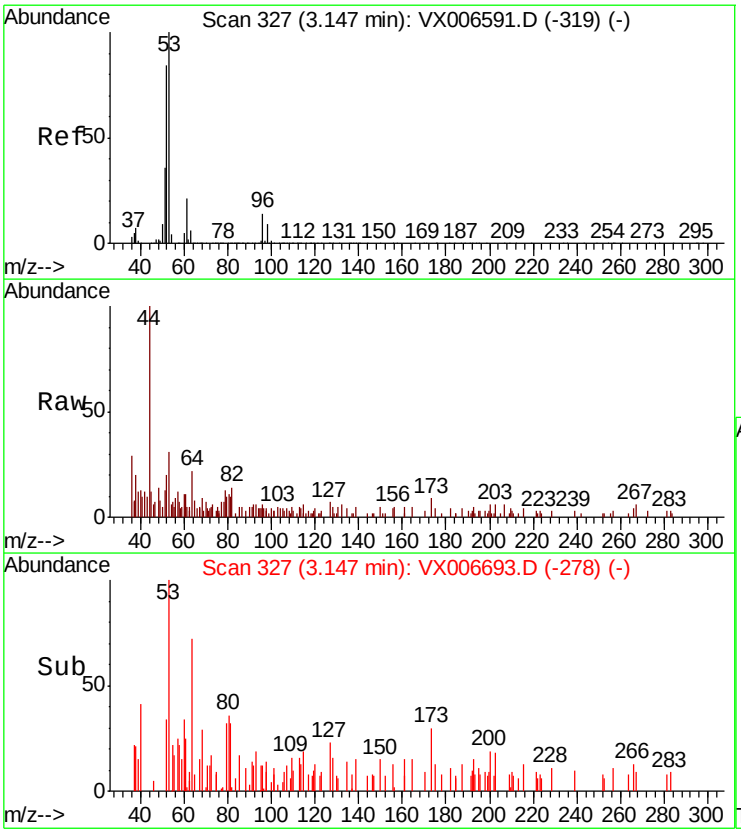
#13
Acrolein
Concen: 0.265 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 282

Ion	Ratio	Lower	Upper
56	100		
55	80.9	58.2	87.4

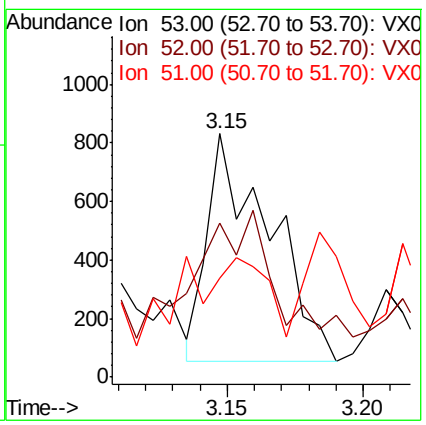


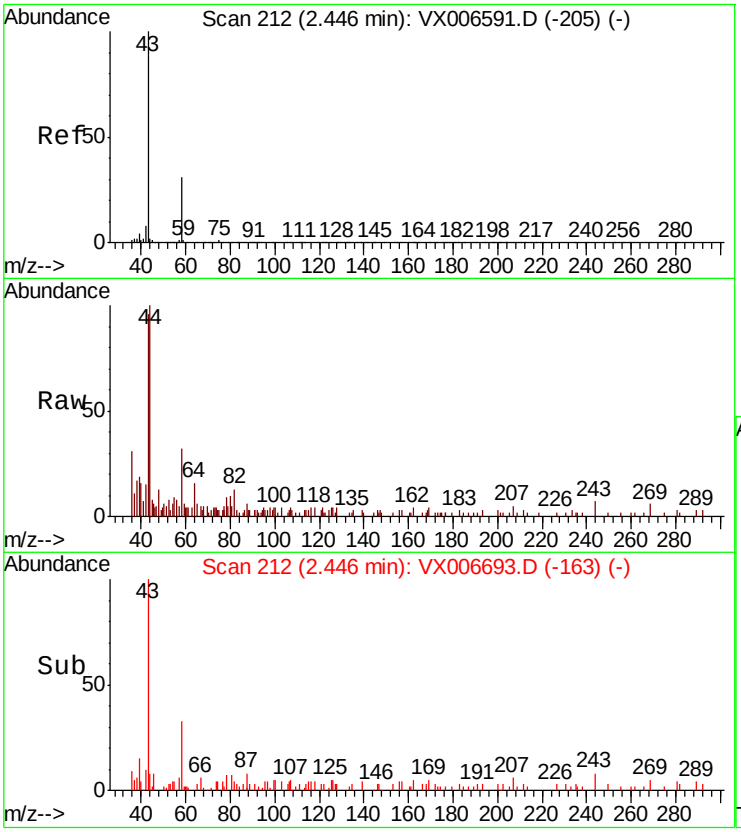


#15
Acrylonitrile
Concen: 0.354 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 53 Resp: 1241

Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.0	99.0
51	0.0	28.6	42.8#



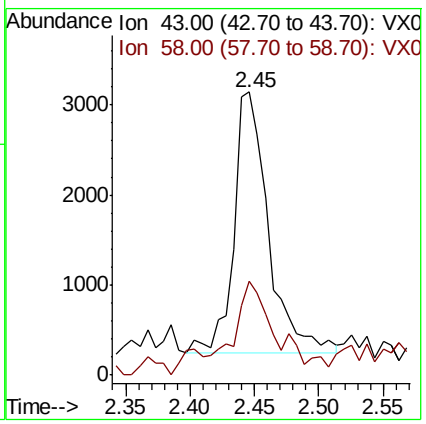


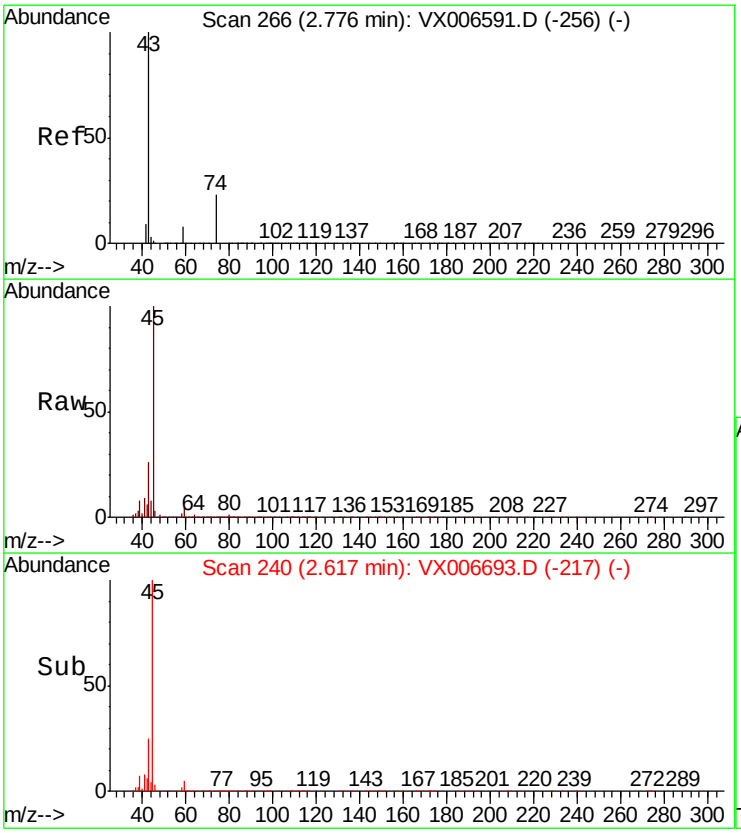
#16
Acetone
Concen: 1.660 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5390

Ion	Ratio	Lower	Upper
43	100		
58	27.6	25.0	37.6

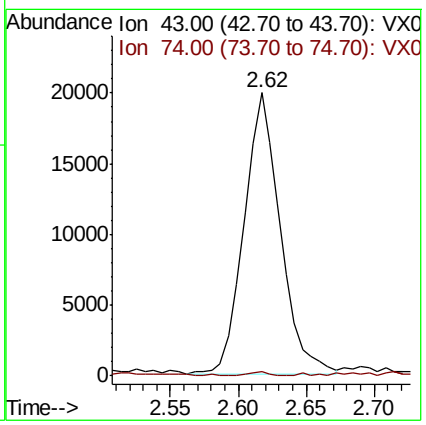


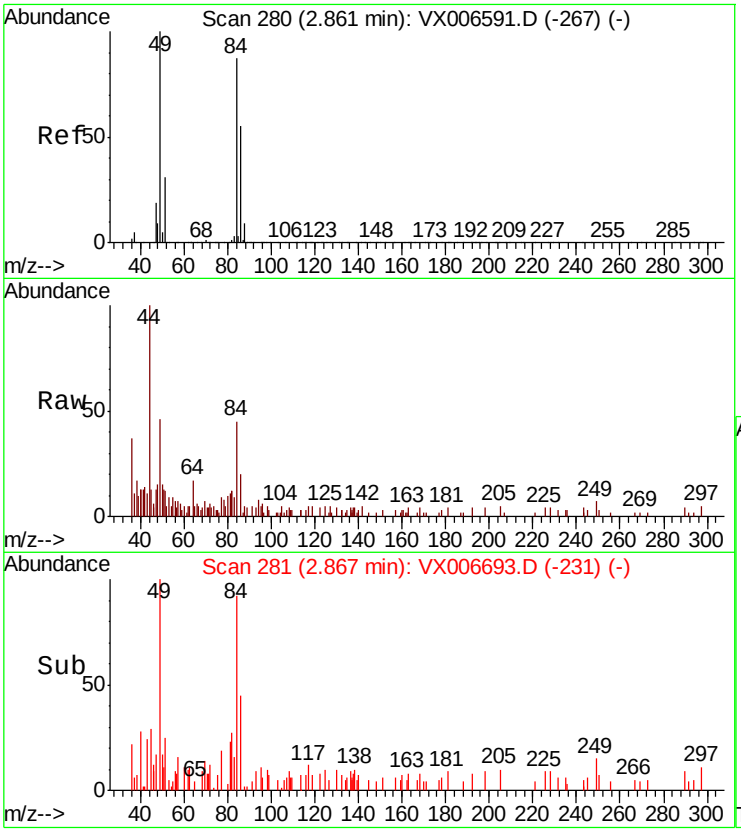


#18
Methyl Acetate
Concen: 3.878 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.16 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 43 Resp: 37017

Ion	Ratio	Lower	Upper
43	100		
74	0.9	18.6	28.0#



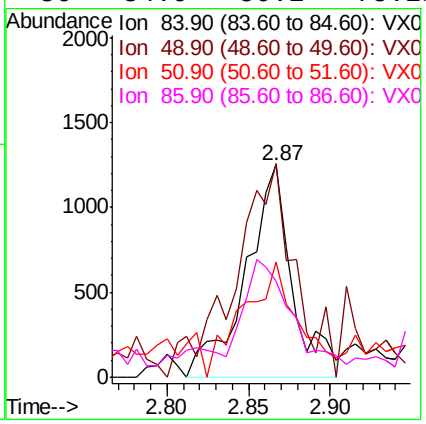


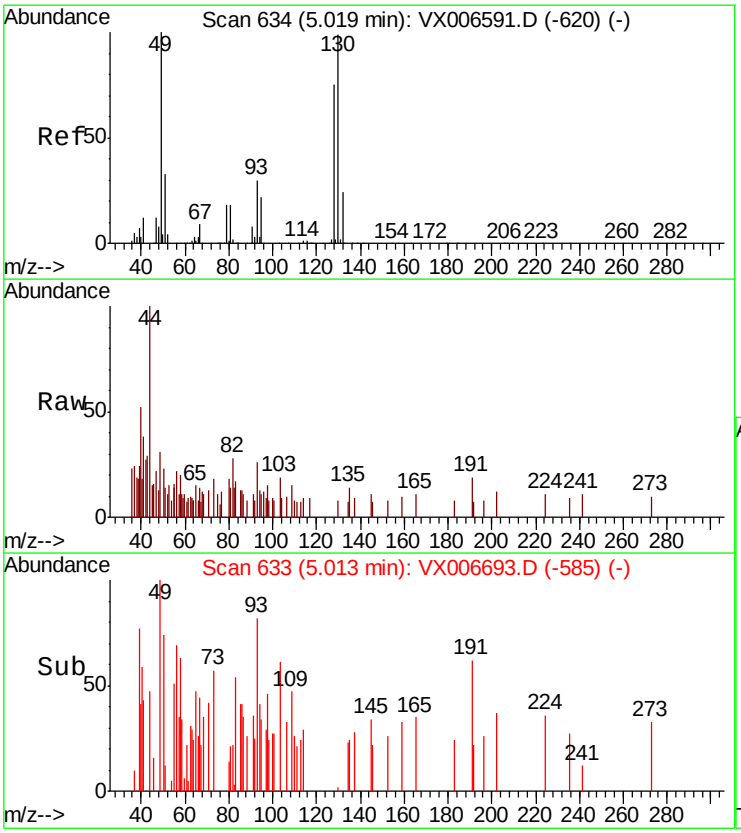
#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2475

Ion	Ratio	Lower	Upper
84	100		
49	100.6	91.8	137.6
51	45.0	28.5	42.7#
86	34.9	50.2	75.2#

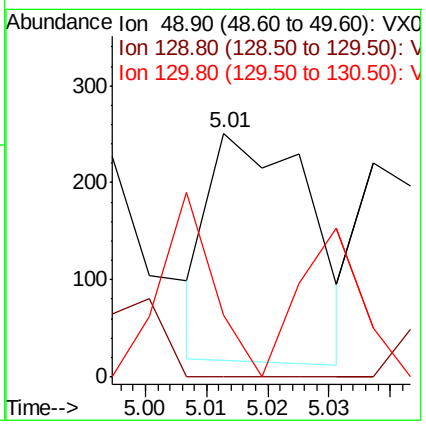


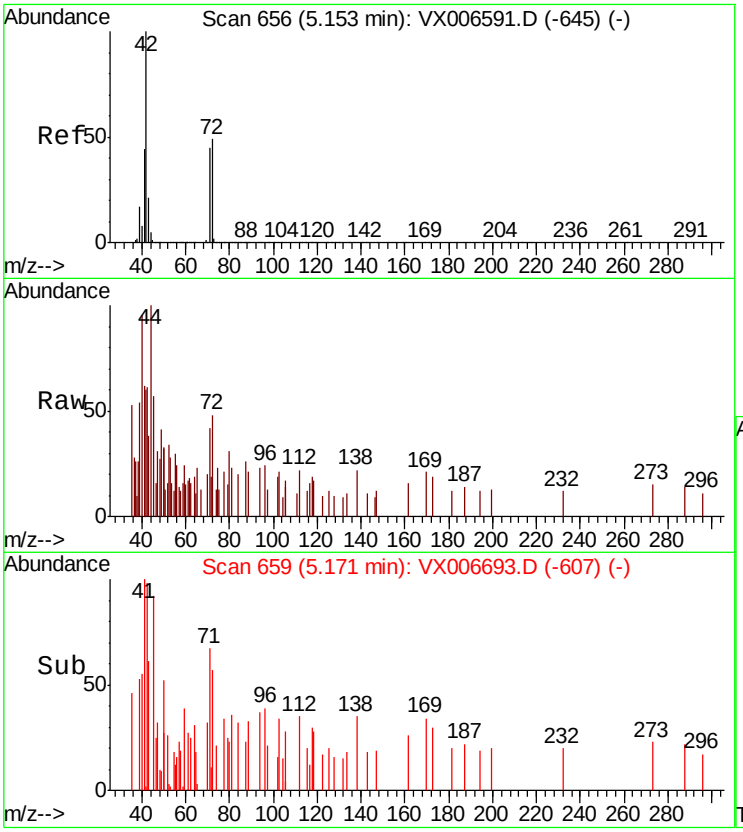


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 49 Resp: 267

Ion	Ratio	Lower	Upper
49	100		
129	19.9	0.0	5.4#
130	43.1	77.7	116.5#



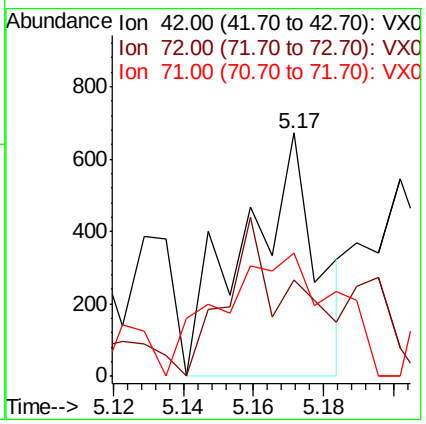


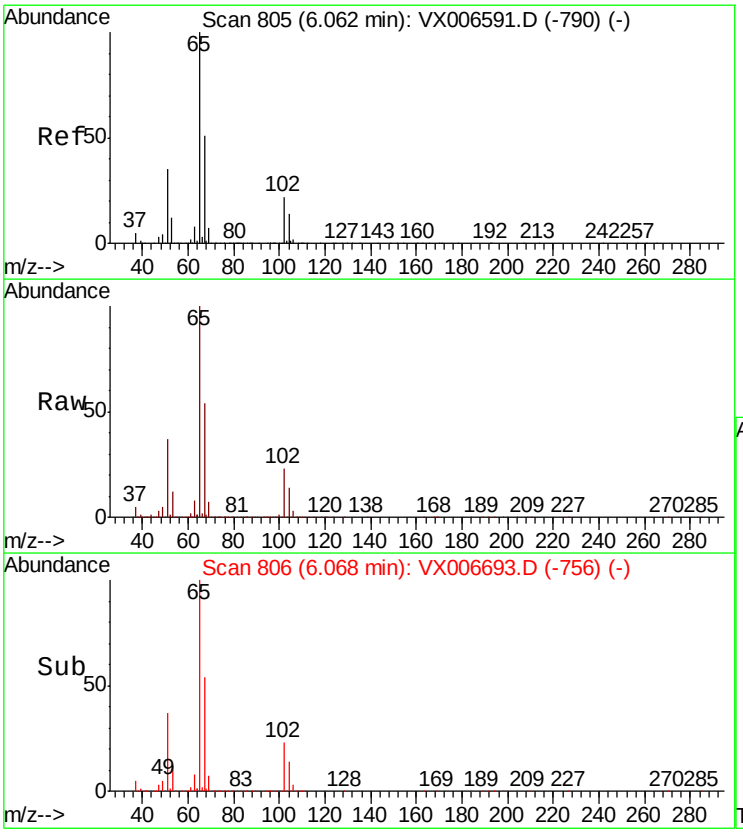
#29
Tetrahydrofuran
Concen: 0.327 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 982

Ion	Ratio	Lower	Upper
42	100		
72	59.7	38.9	58.3#
71	78.5	36.2	54.4#

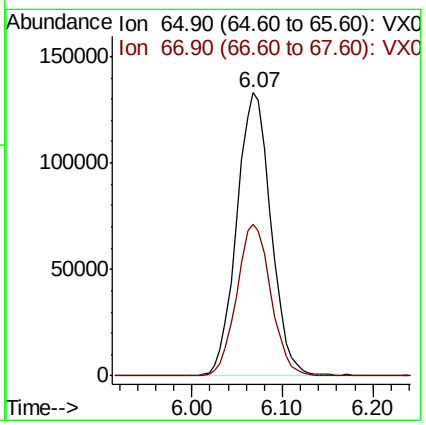


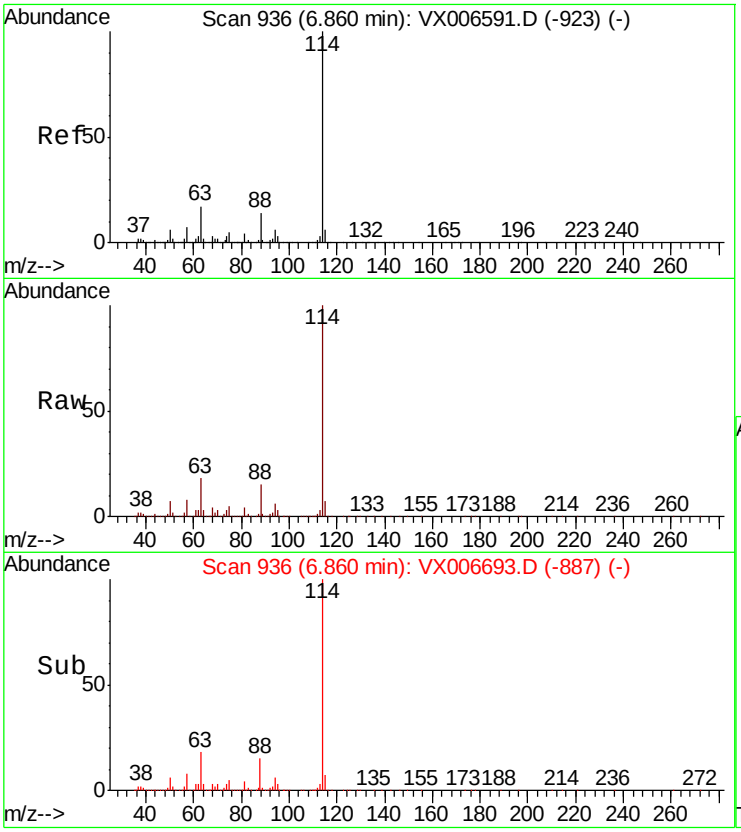


#33
1,2-Dichloroethane-d4
Concen: 49.262 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 65 Resp: 348069

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0



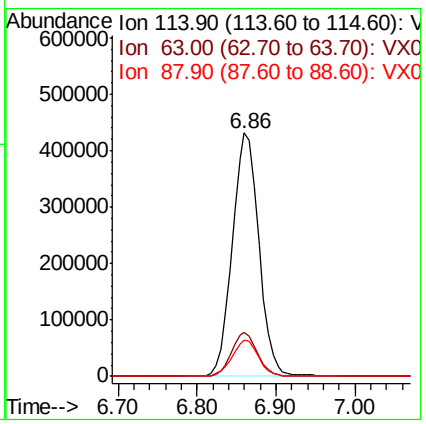


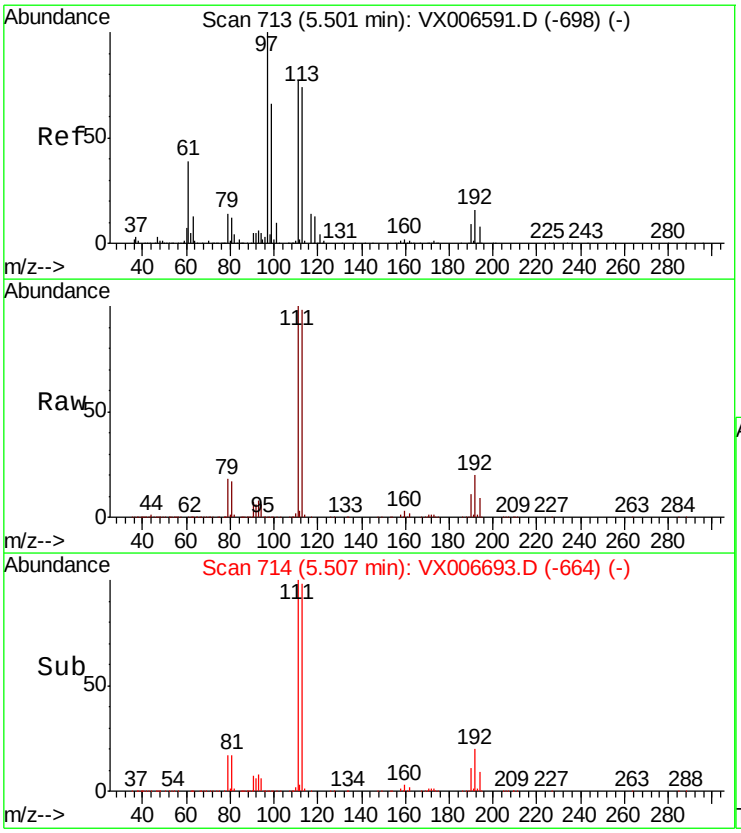
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1012538

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	15.0	0.0	28.8

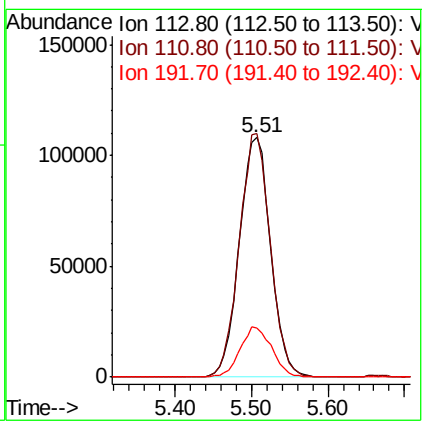


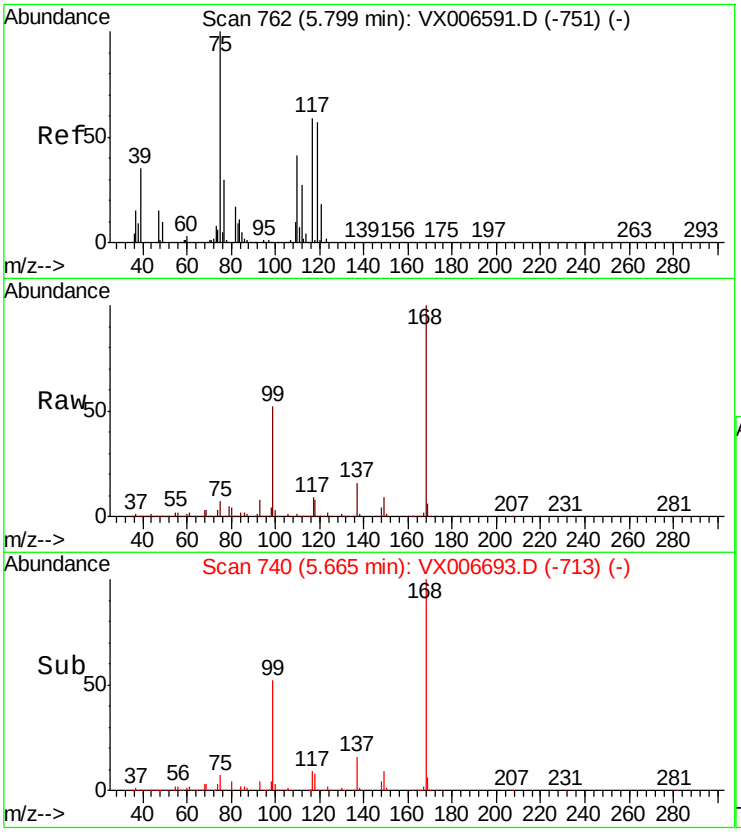


#35
Dibromofluoromethane
Concen: 48.102 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion:113 Resp: 308001

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	21.0	16.7	25.1



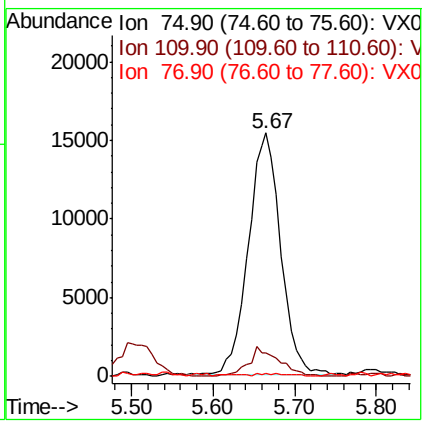


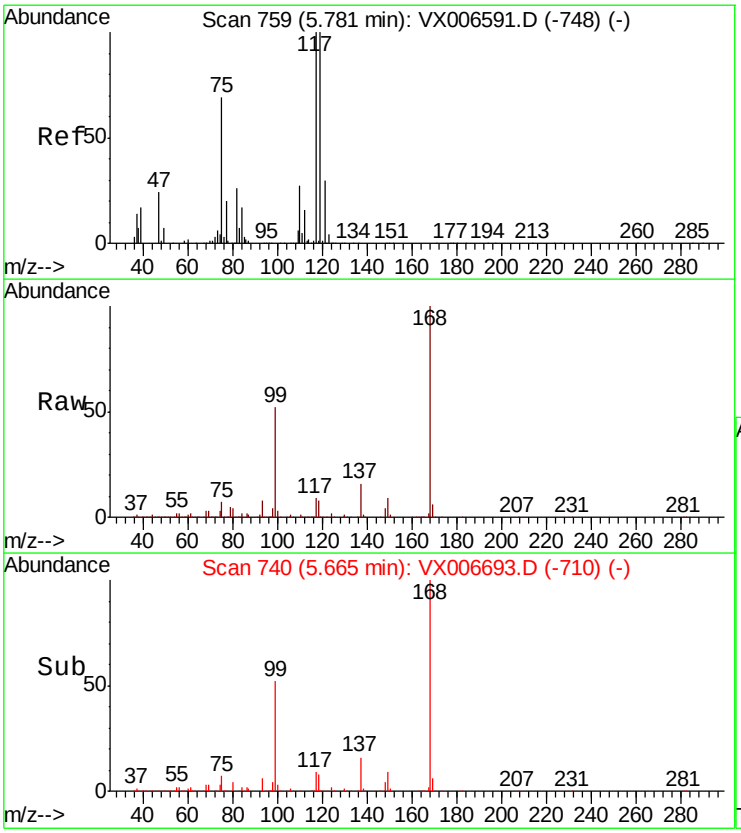
#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42270

Ion	Ratio	Lower	Upper
75	100		
110	11.5	20.2	60.5#
77	0.7	24.8	37.2#

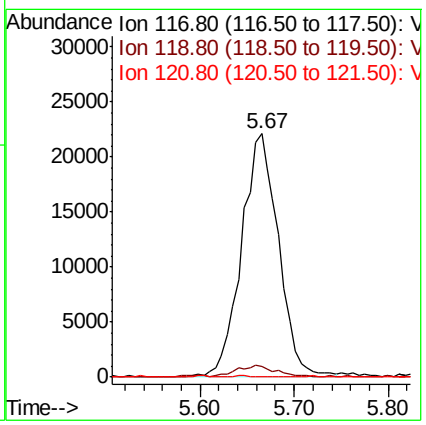


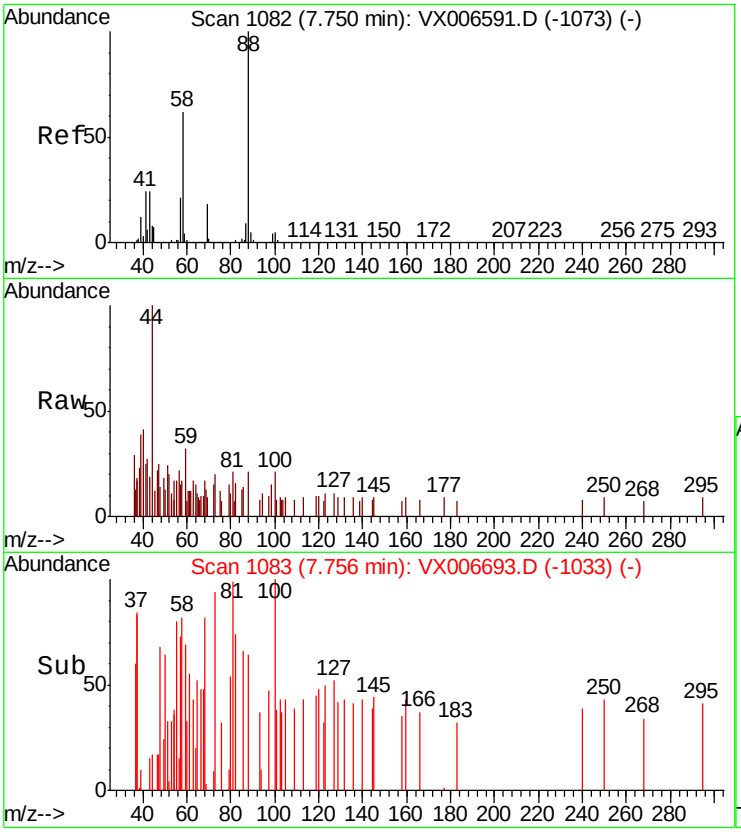


#38
Carbon Tetrachloride
Concen: 7.459 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion:117 Resp: 60790

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.4	119.2#
121	0.0	24.0	36.0#



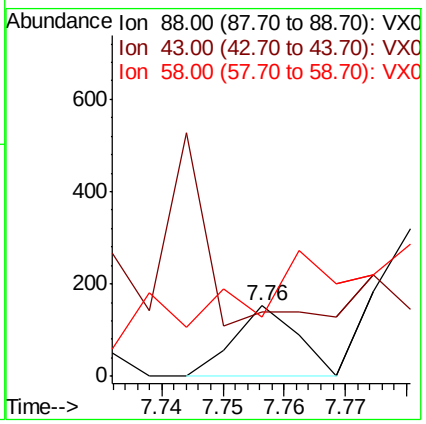


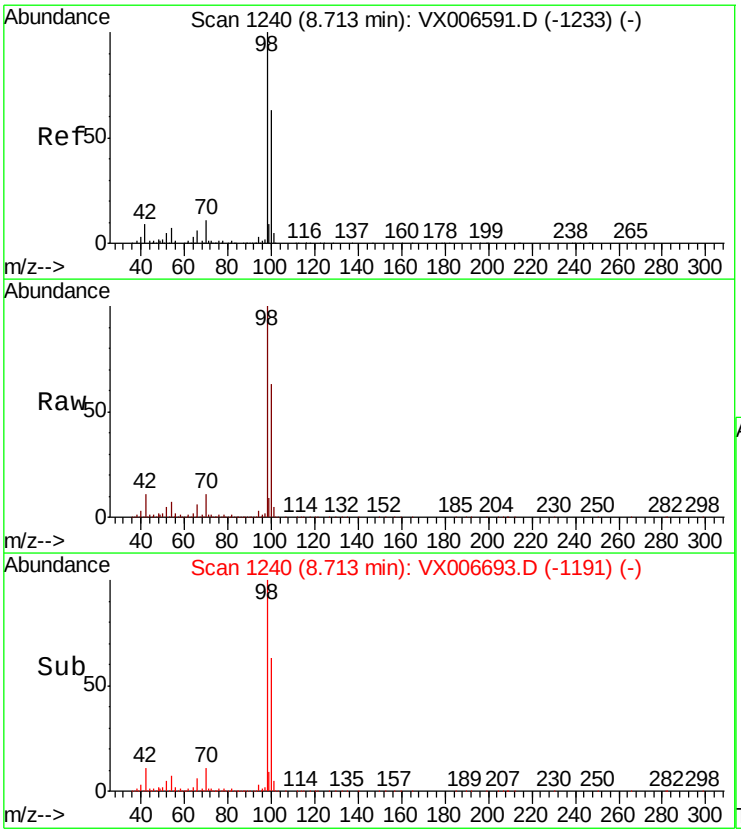
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
43	182.6	22.2	33.4#
58	0.0	51.0	76.4#

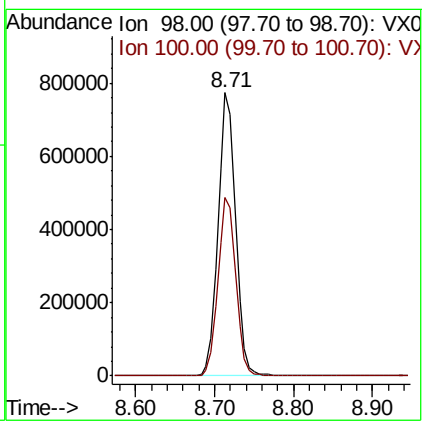


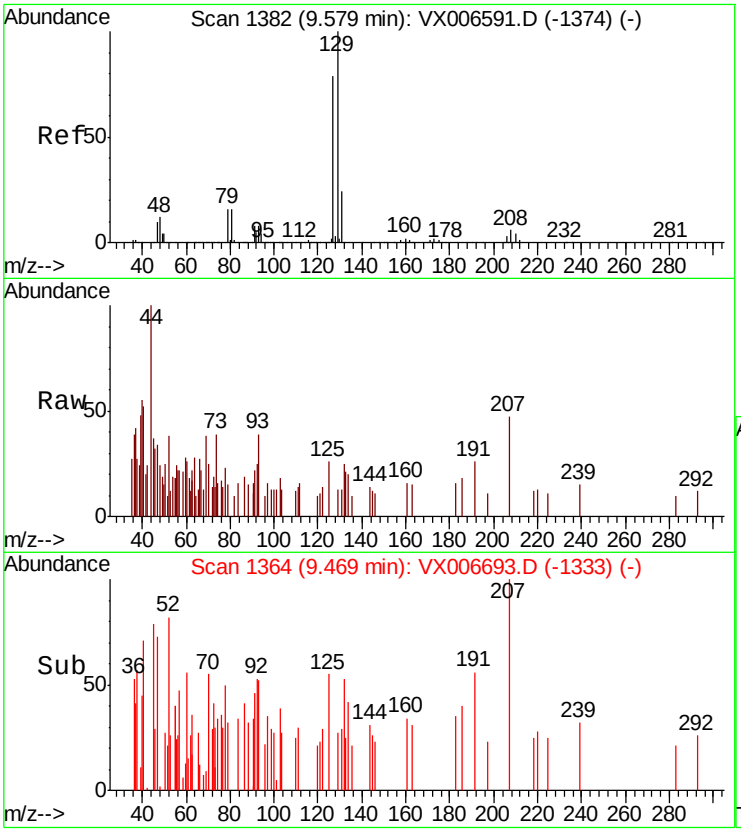


#50
Toluene-d8
Concen: 49.719 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 98 Resp: 1200215

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0



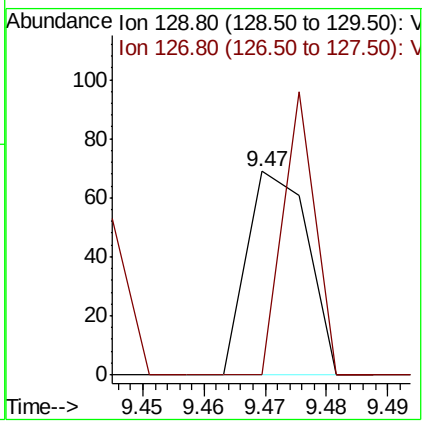


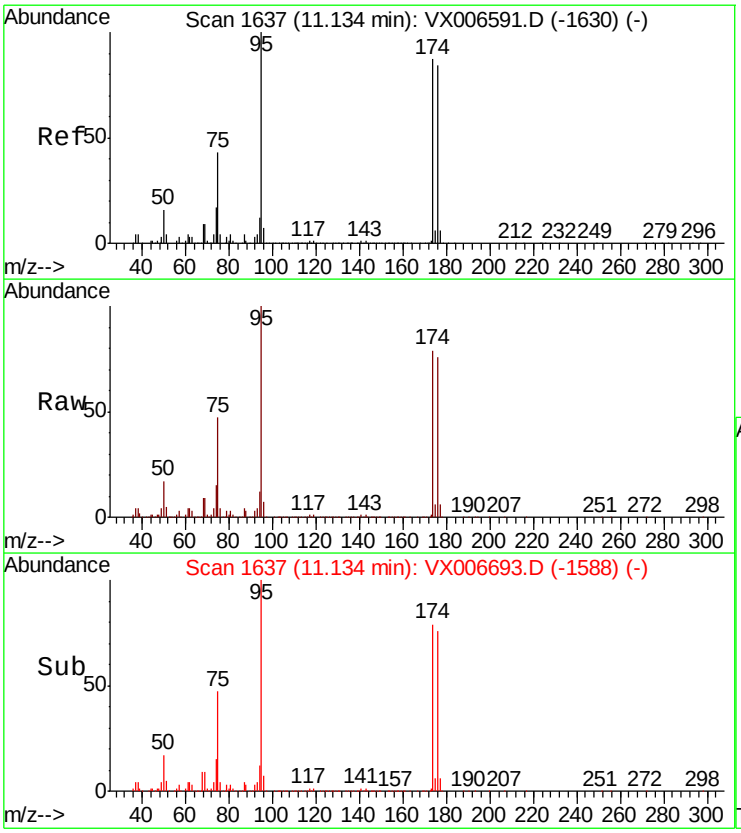
#60
Dibromochloromethane
Concen: 2.331 ug/l
RT: 9.47 min Scan# 1364
Delta R.T. -0.11 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 48

Ion	Ratio	Lower	Upper
129	100		
127	72.9	39.3	117.8

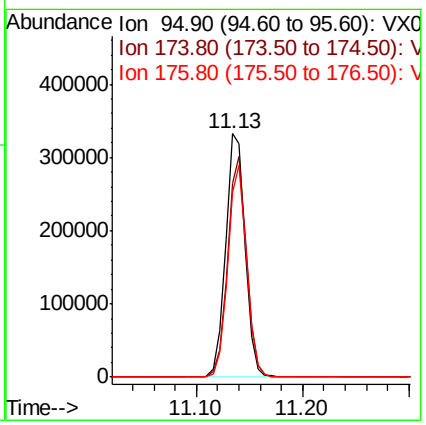


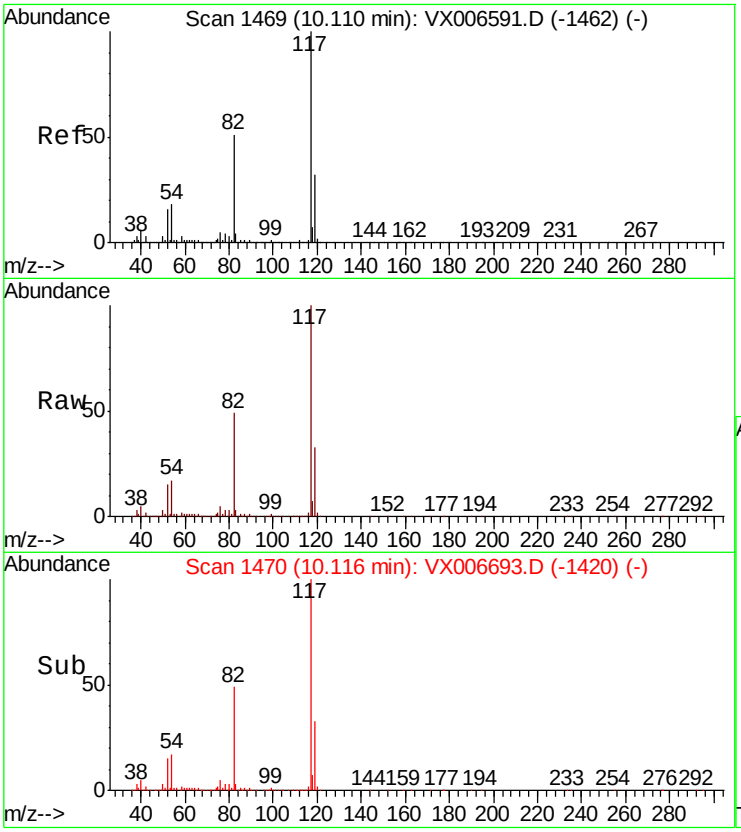


#62
4-Bromofluorobenzene
Concen: 48.249 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 95 Resp: 426567

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	182.2
176	84.0	0.0	178.8



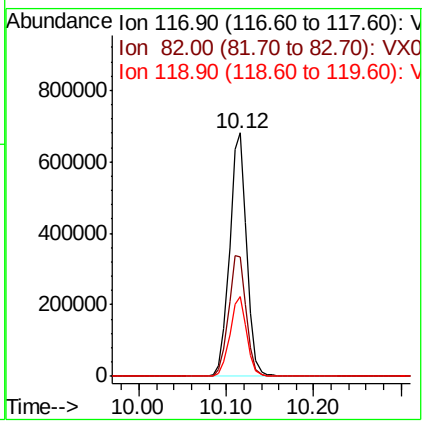


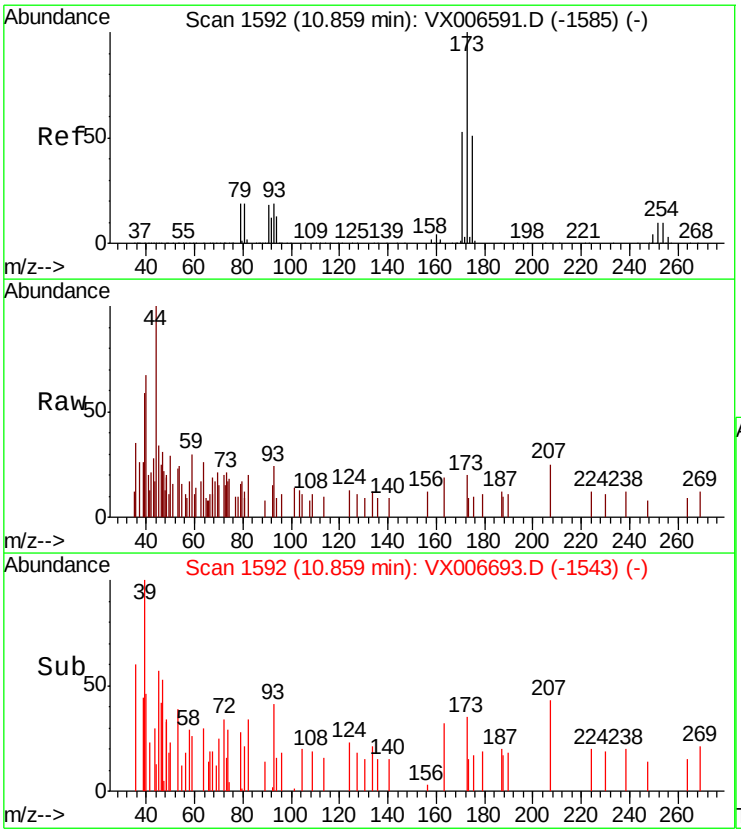
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 924989

Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.0	61.6
119	32.6	25.4	38.0

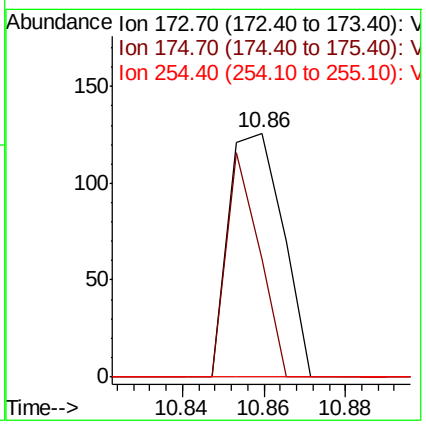


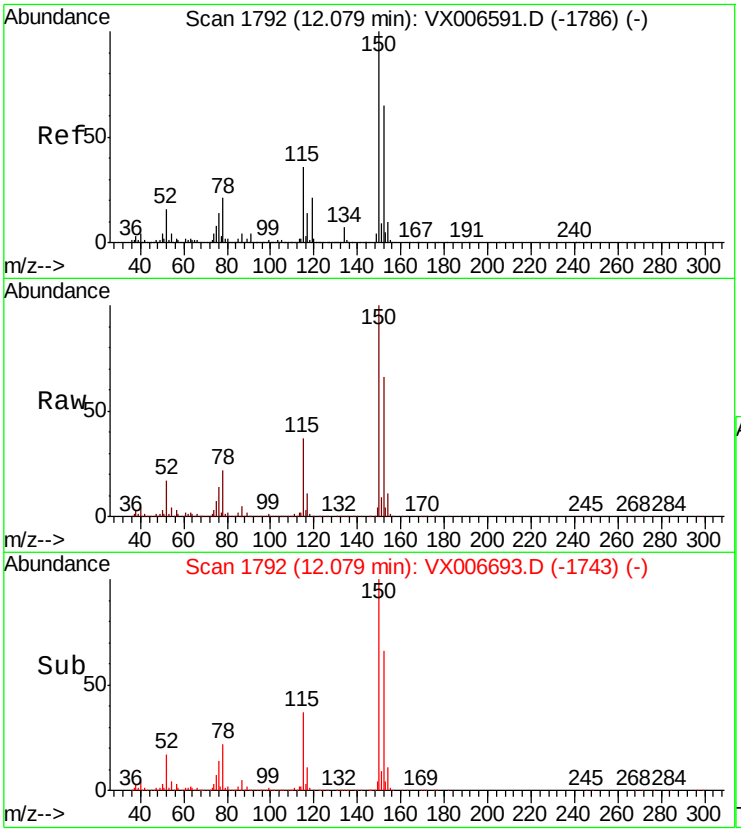


#71
Bromoform
Concen: 4.479 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion:173 Resp: 116

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



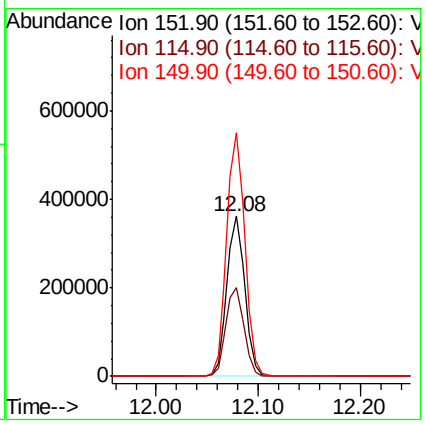


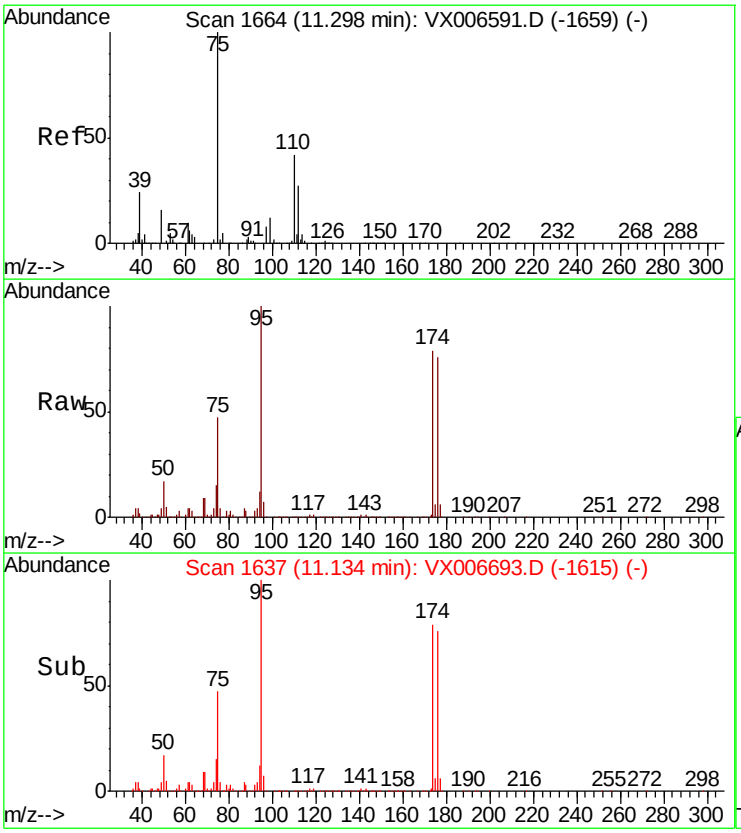
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 437133

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.2
150	154.7	0.0	344.8

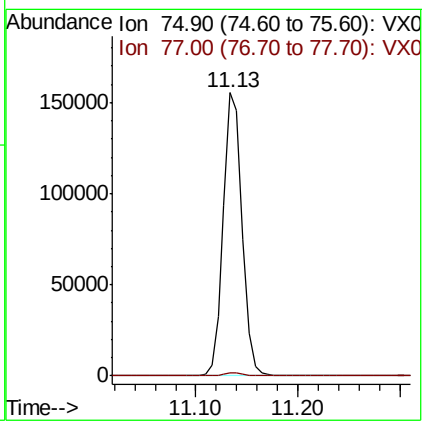


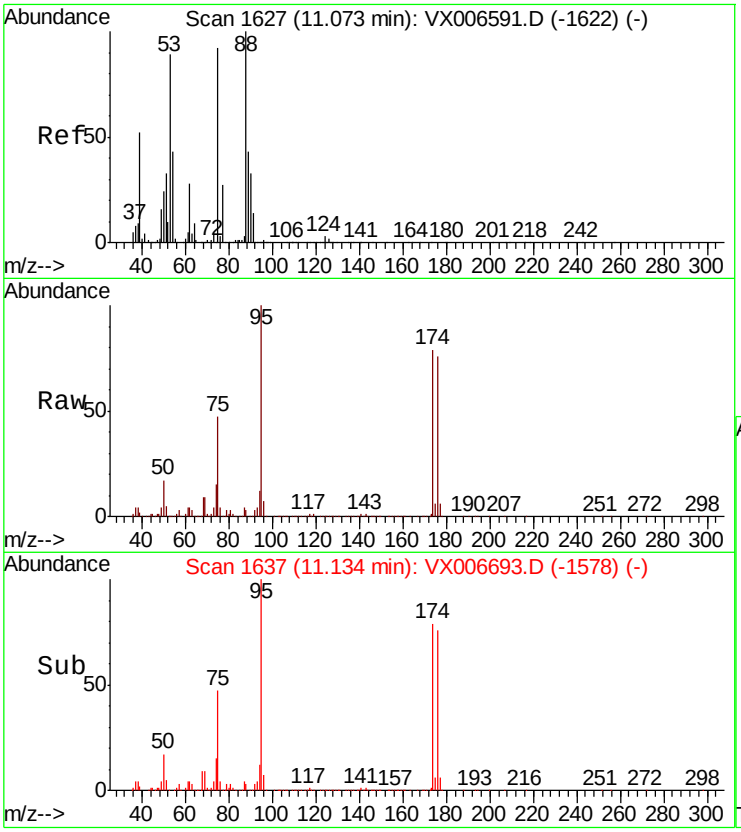


#76
1,2,3-Trichloropropane
Concen: 24.476 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion: 75 Resp: 198837

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#



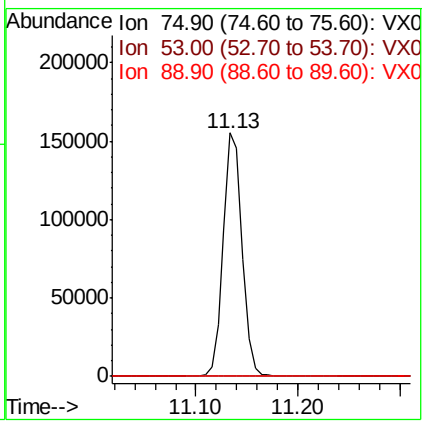


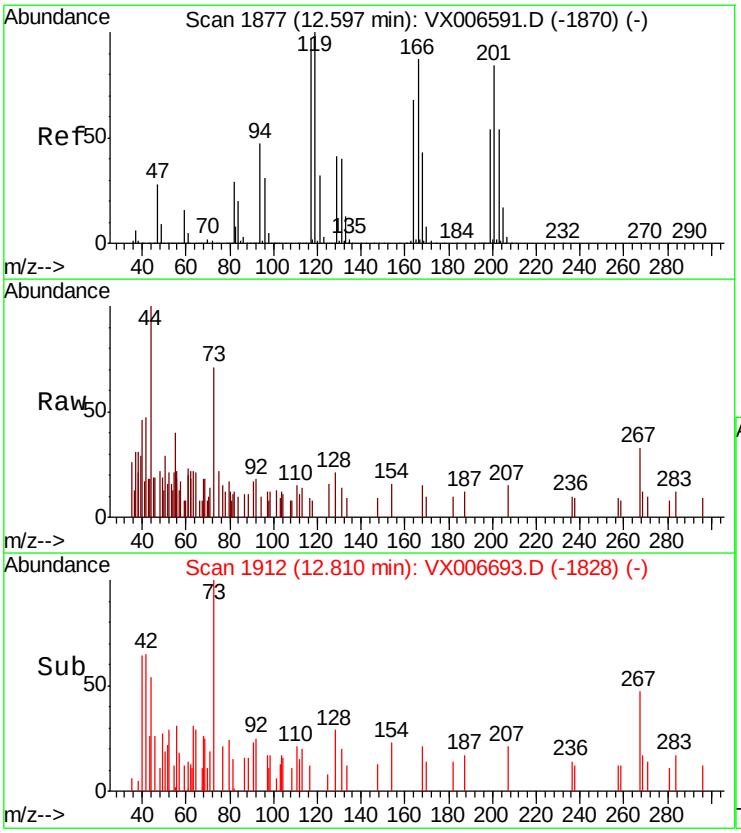
#81
trans-1,4-Dichloro-2-butene
Concen: 72.415 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 198837

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.1	38.0	57.0#





#90
Hexachloroethane
Concen: 3.302 ug/l
RT: 12.81 min Scan# 1912
Delta R.T. 0.21 min
Lab File: VX006693.D
Acq: 20 Dec 2018 23:47

Tgt Ion:117 Resp: 41

Ion	Ratio	Lower	Upper
117	100		
201	97.6	42.9	128.7