Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010419\
Data File : VX006913.D
Acq On : 04 Jan 2019 15:11
Operator : JC/MD
Sample : K1057-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-TB-2019-1

Quant Time: Jan 04 22:18:25 2019
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	663397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1006762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	915791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	345278	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
35) Dibromofluoromethane	5.50	113	306694	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
50) Toluene-d8	8.71	98	1192684	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.38%			
62) 4-Bromofluorobenzene	11.13	95	413728	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.12%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2270	0.347	ug/l #	84
5) Bromomethane	1.64	94	2166	Below Cal	#	75
10) Methyl Iodide	2.51	142	3092	0.346	ug/l #	82
11) Tert butyl alcohol	3.07	59	901	0.565	ug/l	99
13) Acrolein	2.30	56	644	0.598	ug/l #	59
15) Acrylonitrile	3.15	53	1448	0.409	ug/l	100
16) Acetone	2.45	43	3871	1.178	ug/l	89
20) Methylene Chloride	2.87	84	1376	0.203	ug/l	91
25) 2-Butanone	4.71	43	1323	0.286	ug/l #	74
28) Bromochloromethane	5.04	49	595	Below Cal	#	25
29) Tetrahydrofuran	5.18	42	916	0.301	ug/l #	76
31) Cyclohexane	5.65	56	10739	1.085	ug/l #	6
36) 1,1-Dichloropropene	5.66	75	43596	5.228	ug/l #	48
38) Carbon Tetrachloride	5.66	117	58858	7.263	ug/l #	15
49) 1,4-Dioxane	7.72	88	31	Below Cal	#	1
60) Dibromochloromethane	9.59	129	111	2.339	ug/l	71
76) 1,2,3-Trichloropropane	11.13	75	196209	24.156	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	196209	71.522	ug/l #	10
90) Hexachloroethane	12.53	117	172	3.332	ug/l	84

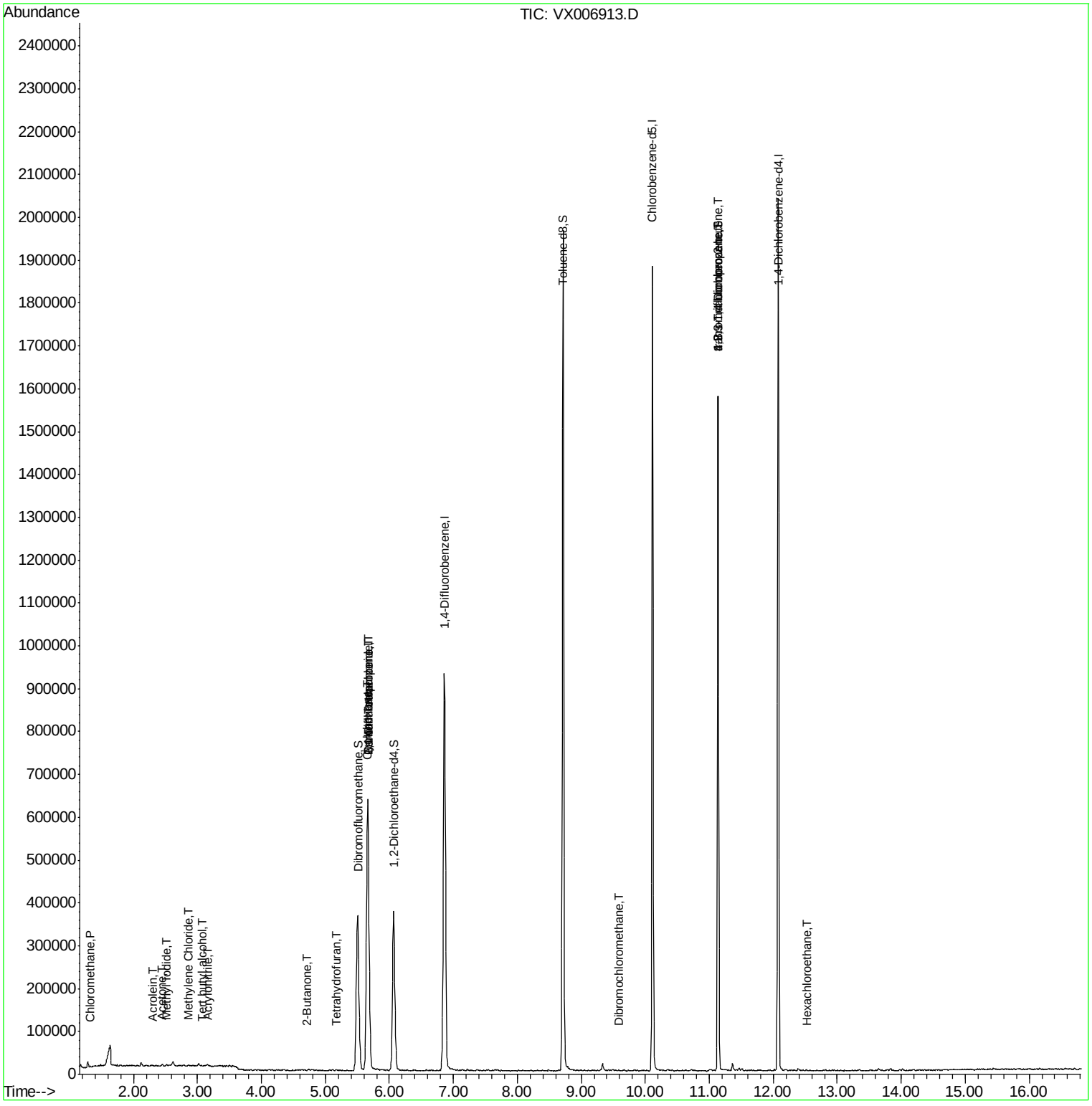
(#) = qualifier out of range (m) = manual integration (+) = signals summed

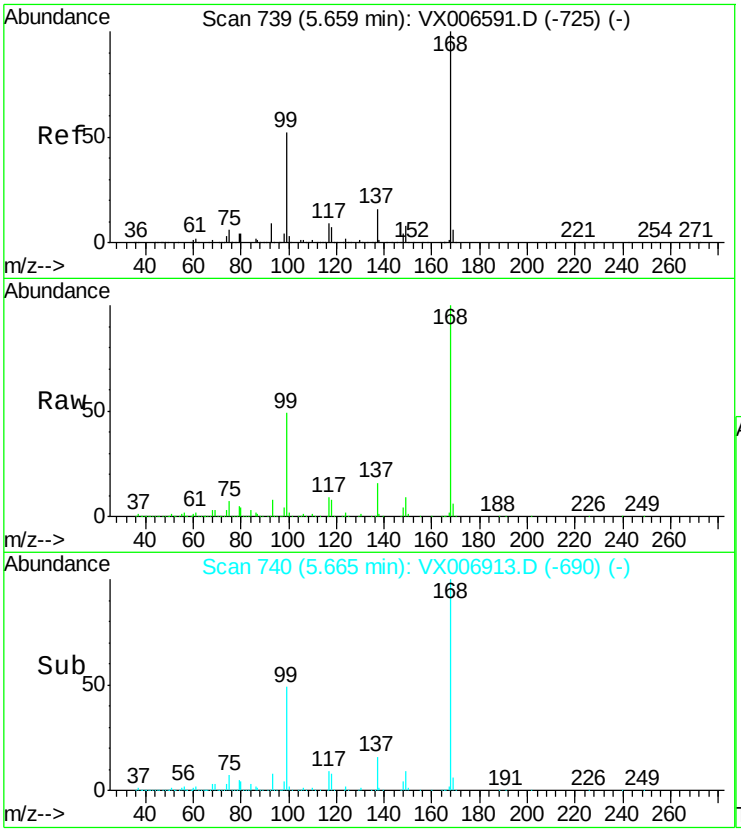
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010419\
Data File : VX006913.D
Acq On : 04 Jan 2019 15:11
Operator : JC/MD
Sample : K1057-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Quant Time: Jan 04 22:18:25 2019
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



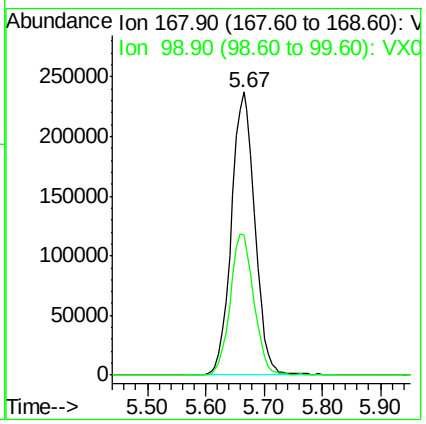


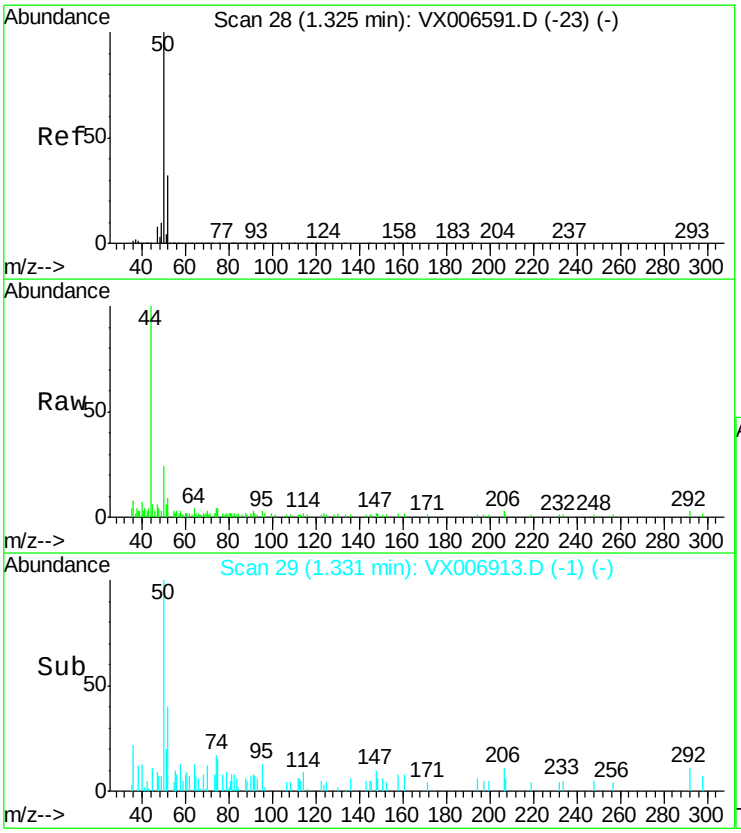
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion:168 Resp: 663397

Ion	Ratio	Lower	Upper
168	100		
99	49.4	41.8	62.8

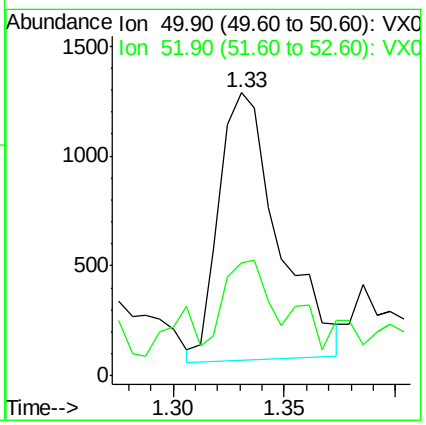


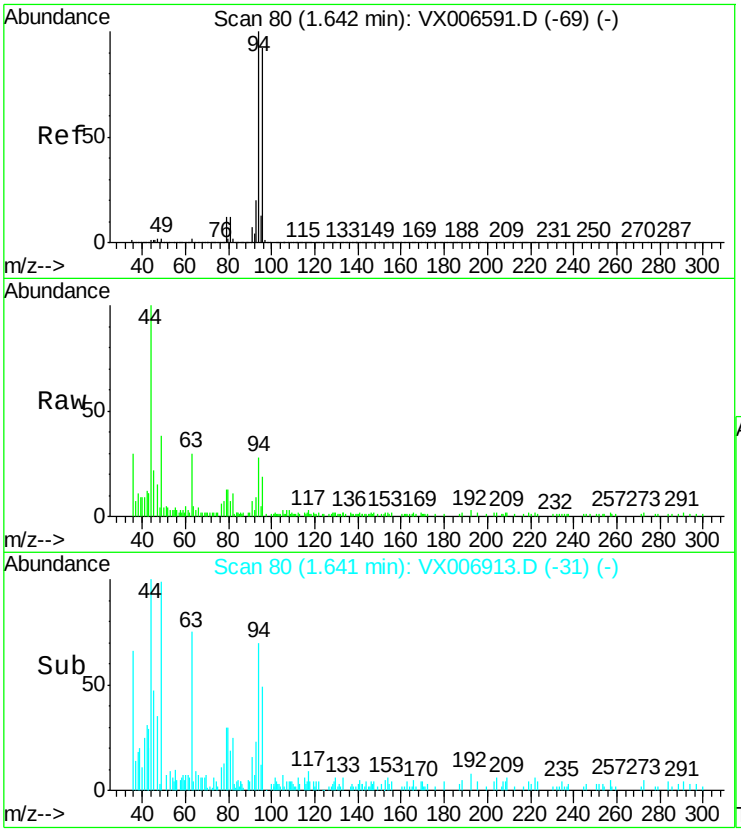


#3
Chloromethane
Concen: 0.347 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 50 Resp: 2270

Ion	Ratio	Lower	Upper
50	100		
52	22.7	25.4	38.2#



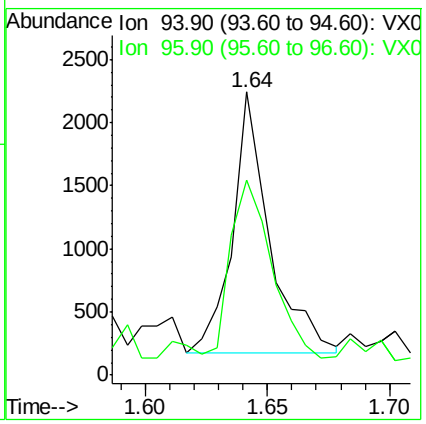


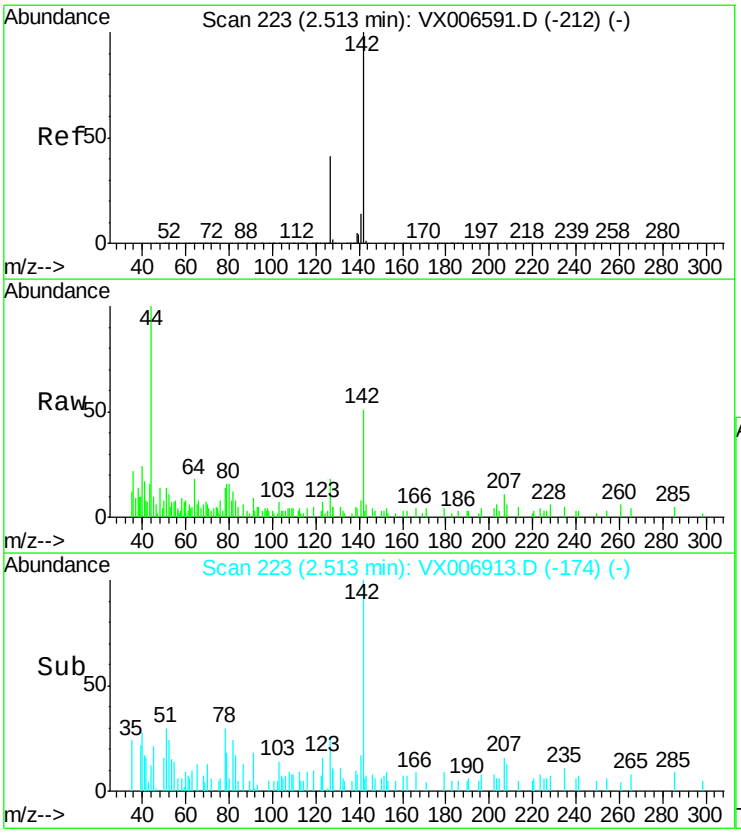
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 94 Resp: 2166

Ion	Ratio	Lower	Upper
94	100		
96	68.0	73.4	110.2#

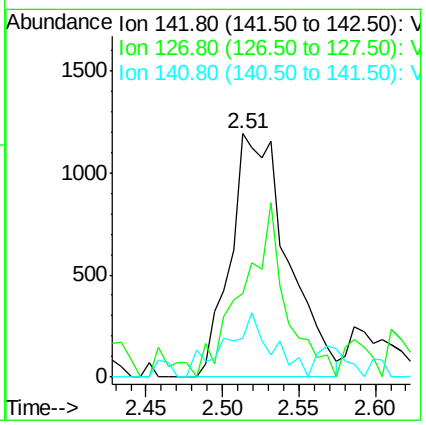


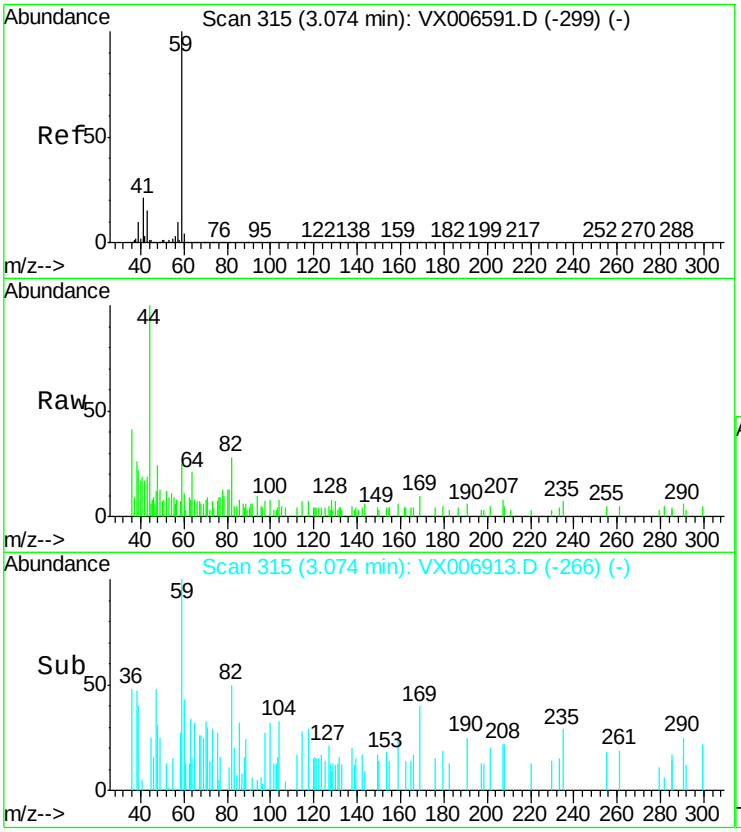


#10
Methyl Iodide
Concen: 0.346 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion:142 Resp: 3092

Ion	Ratio	Lower	Upper
142	100		
127	53.8	33.9	50.9#
141	21.2	11.4	17.0#



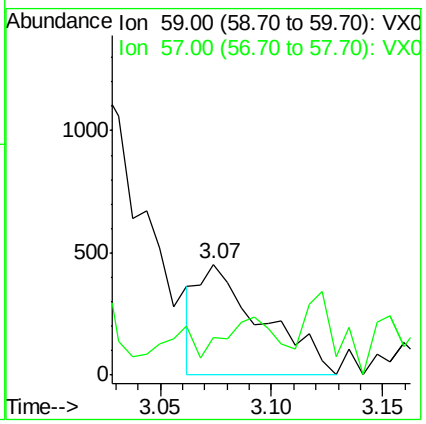


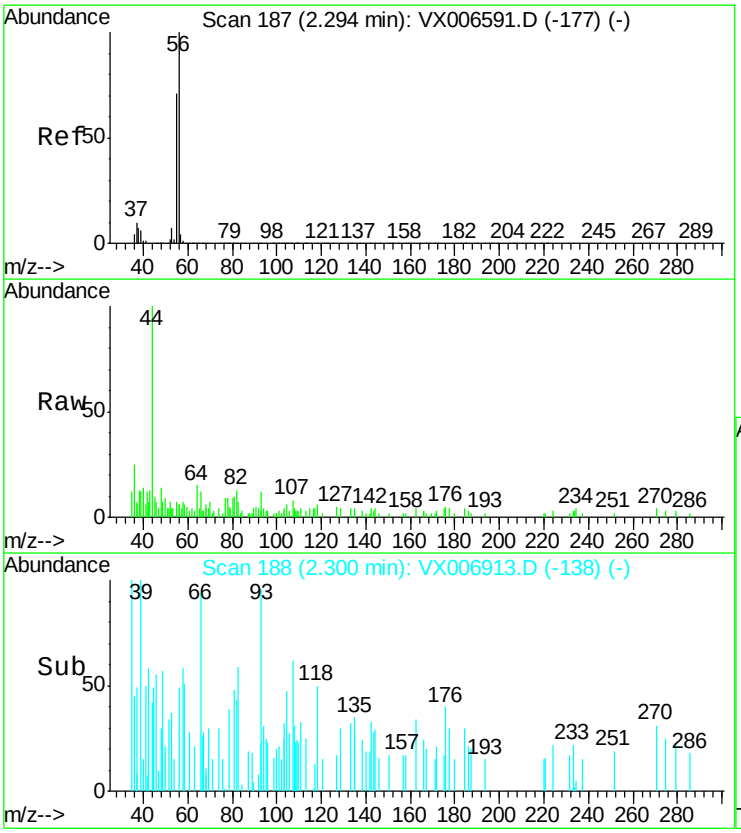
#11
Tert butyl alcohol
Concen: 0.565 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 59 Resp: 901

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

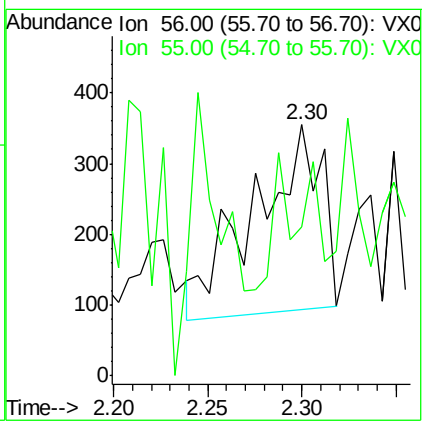


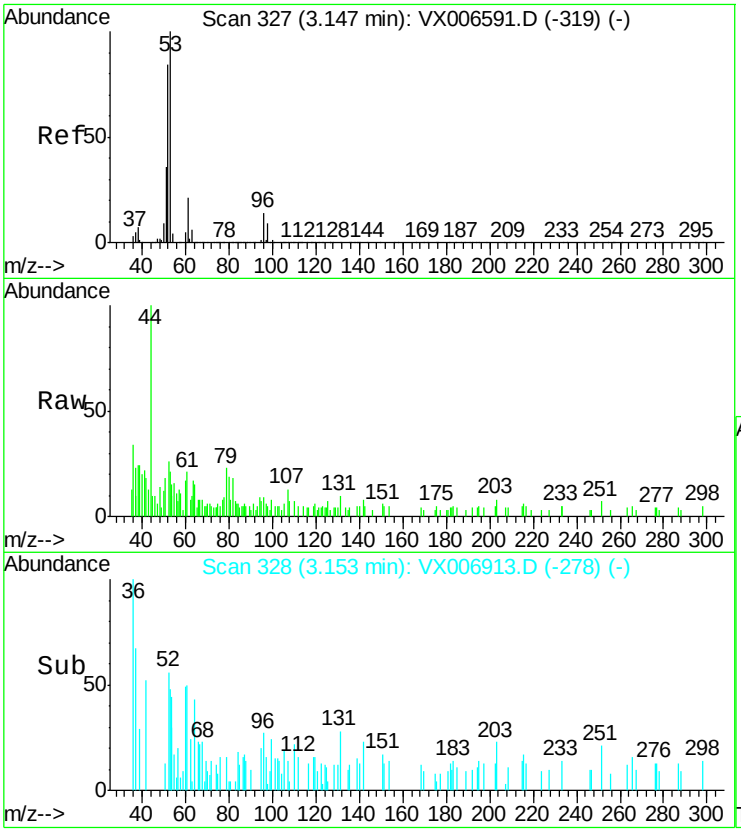


#13
Acrolein
Concen: 0.598 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 56 Resp: 644

Ion	Ratio	Lower	Upper
56	100		
55	38.8	58.2	87.4#



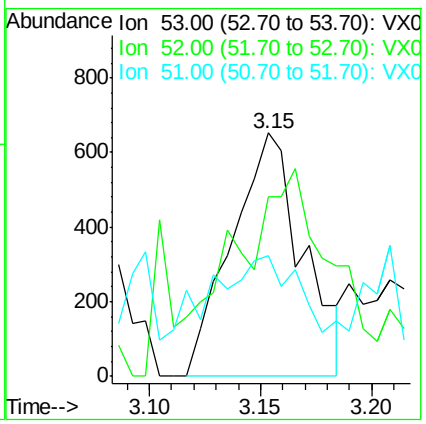


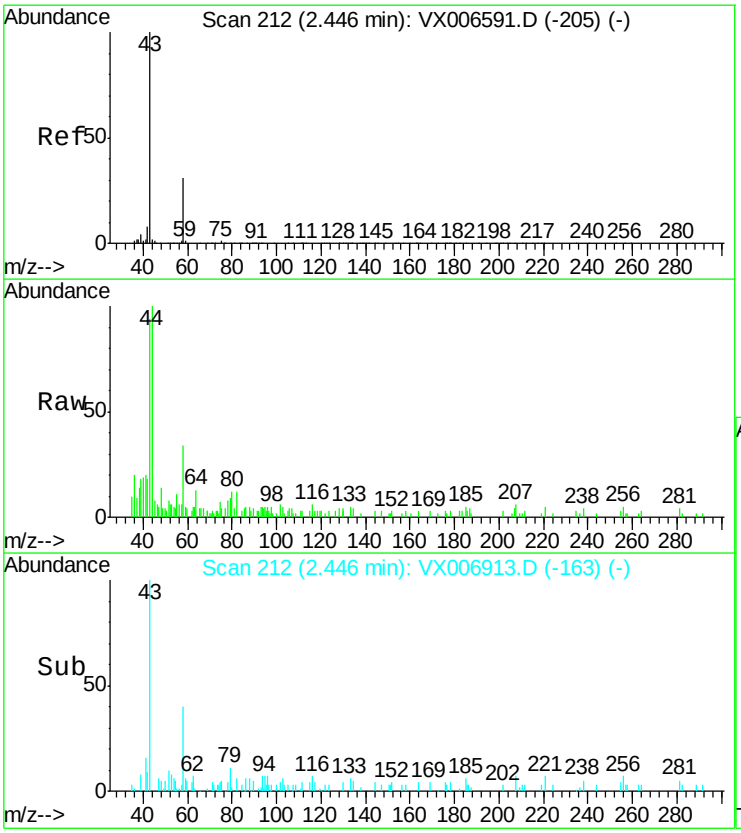
#15
Acrylonitrile
Concen: 0.409 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument : MSVOA_X
ClientSampleId : S32-TB-2019-1

Tgt Ion: 53 Resp: 1448

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.0	99.0
51	35.9	28.6	42.8

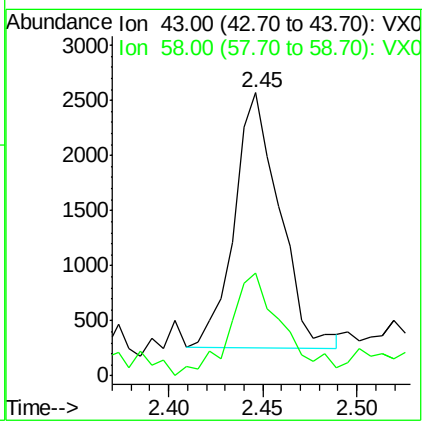


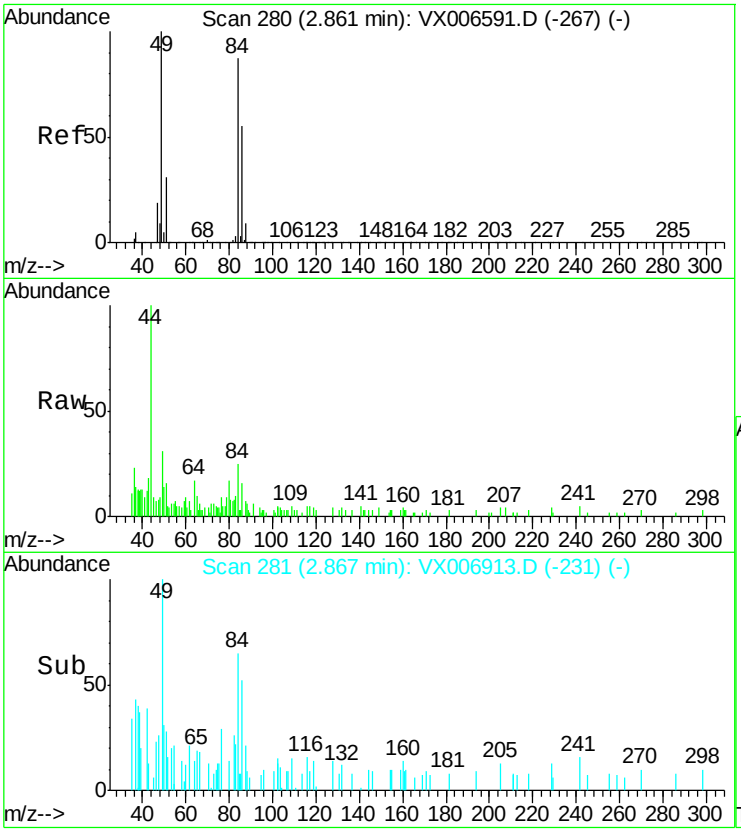


#16
Acetone
Concen: 1.178 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 43 Resp: 3871

Ion	Ratio	Lower	Upper
43	100		
58	37.4	25.0	37.6



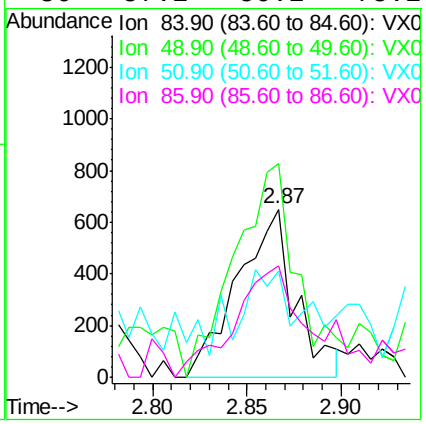


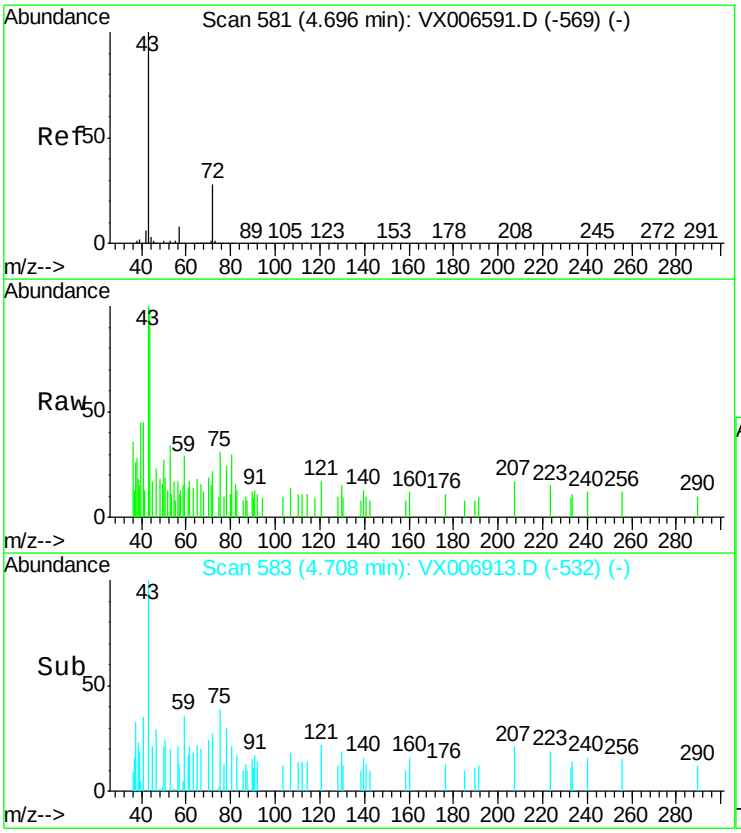
#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument : MSVOA_X
ClientSampleId : S32-TB-2019-1

Tgt Ion: 84 Resp: 1376

Ion	Ratio	Lower	Upper
84	100		
49	103.7	91.8	137.6
51	42.0	28.5	42.7
86	57.2	50.2	75.2

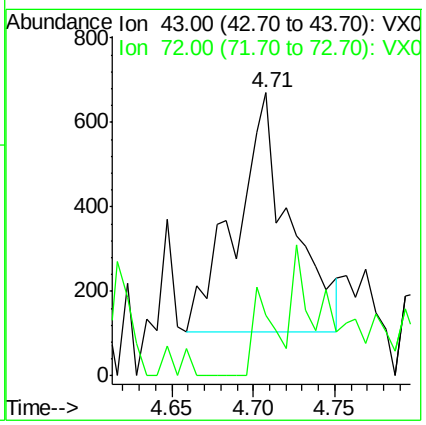


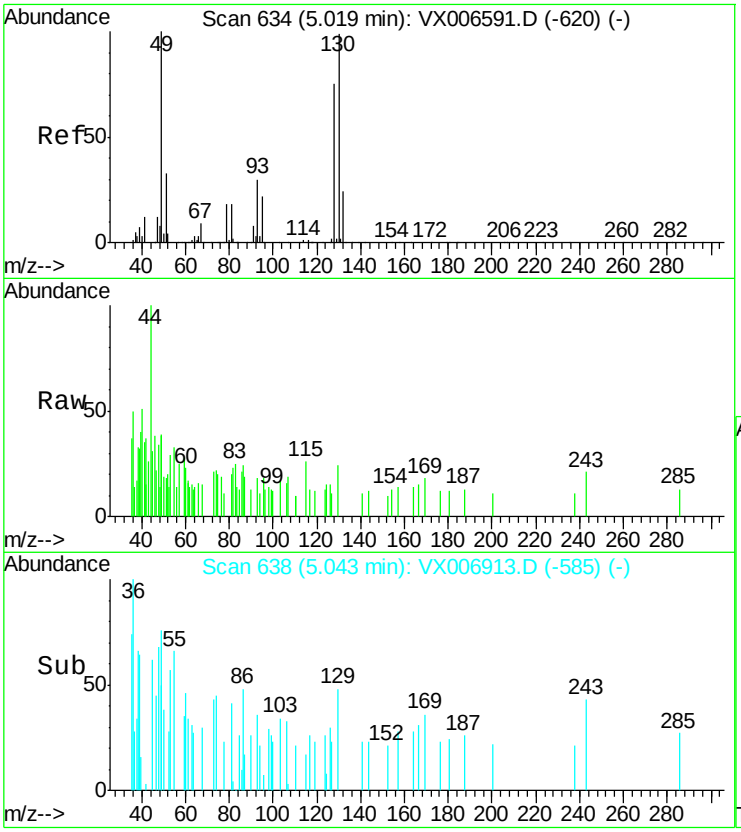


#25
2-Butanone
Concen: 0.286 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 43 Resp: 1323

Ion	Ratio	Lower	Upper
43	100		
72	14.3	22.4	33.6#



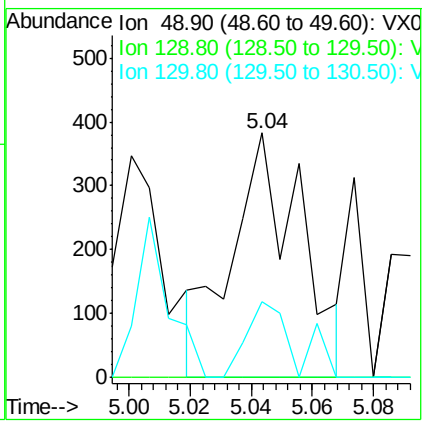


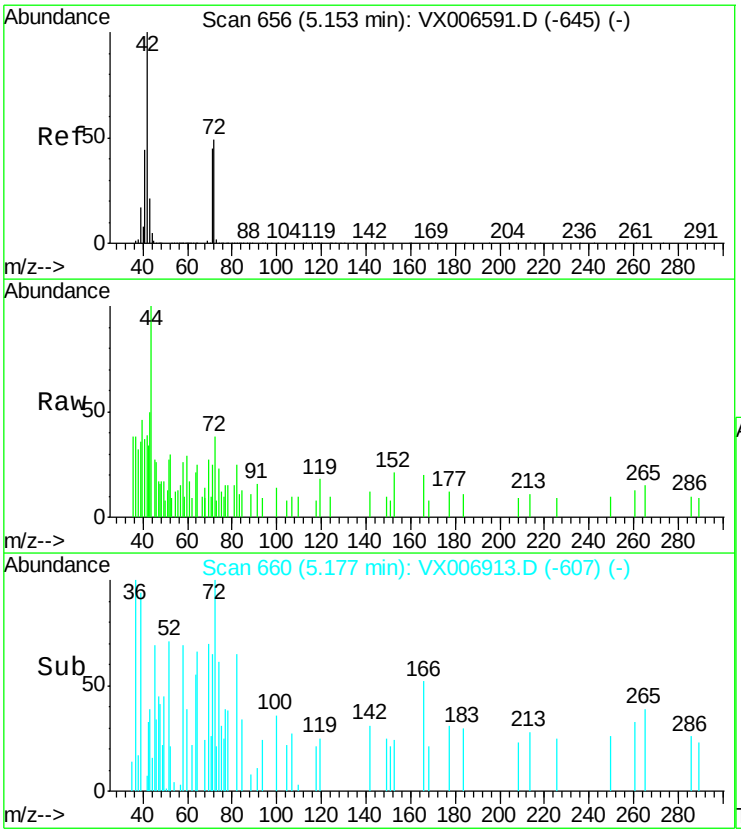
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.02 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 49 Resp: 595

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	21.7	77.7	116.5#

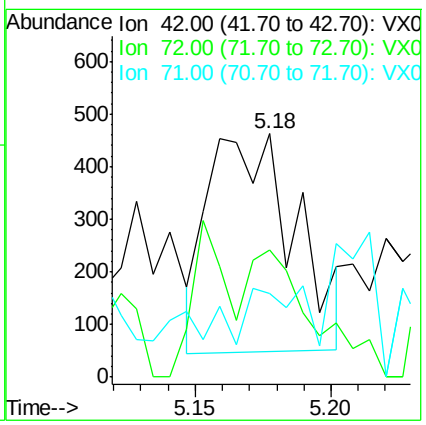


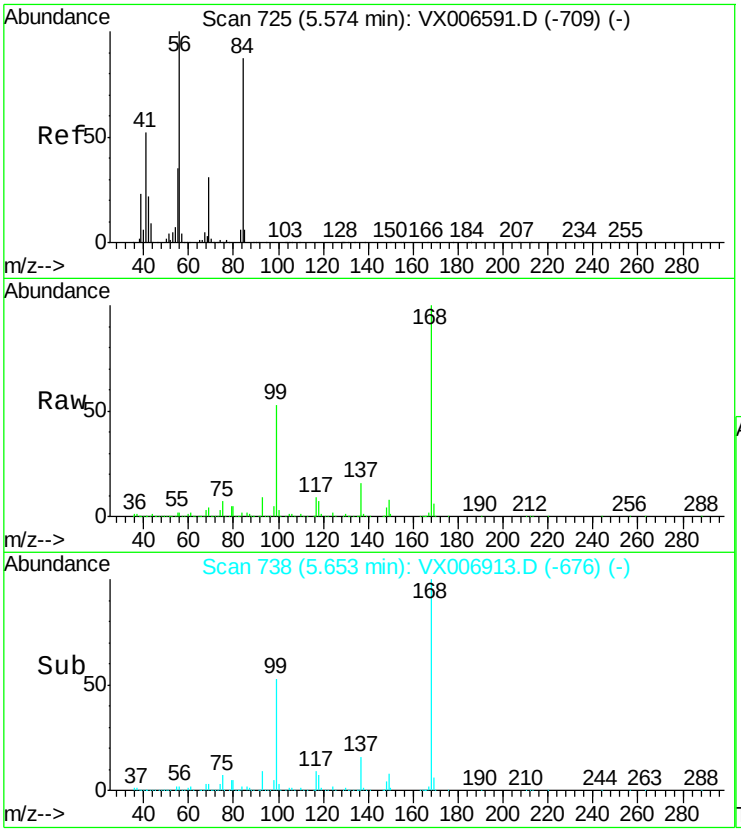


#29
Tetrahydrofuran
Concen: 0.301 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 42 Resp: 916

Ion	Ratio	Lower	Upper
42	100		
72	43.8	38.9	58.3
71	18.2	36.2	54.4#



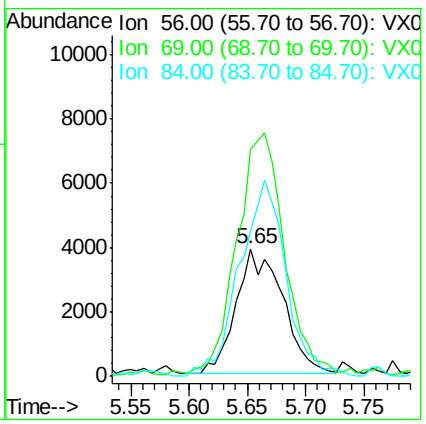


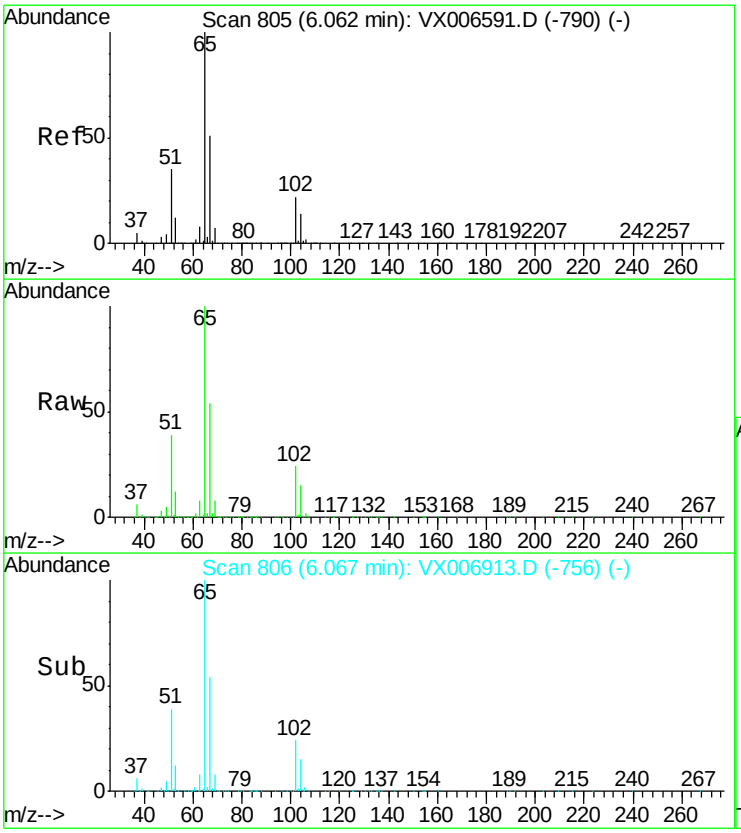
#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 56 Resp: 10739

Ion	Ratio	Lower	Upper
56	100		
69	179.5	24.4	36.6#
84	116.4	70.0	105.0#

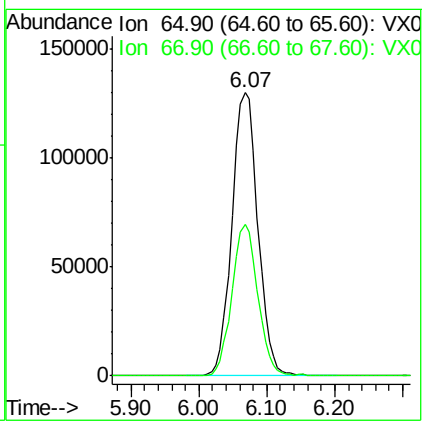


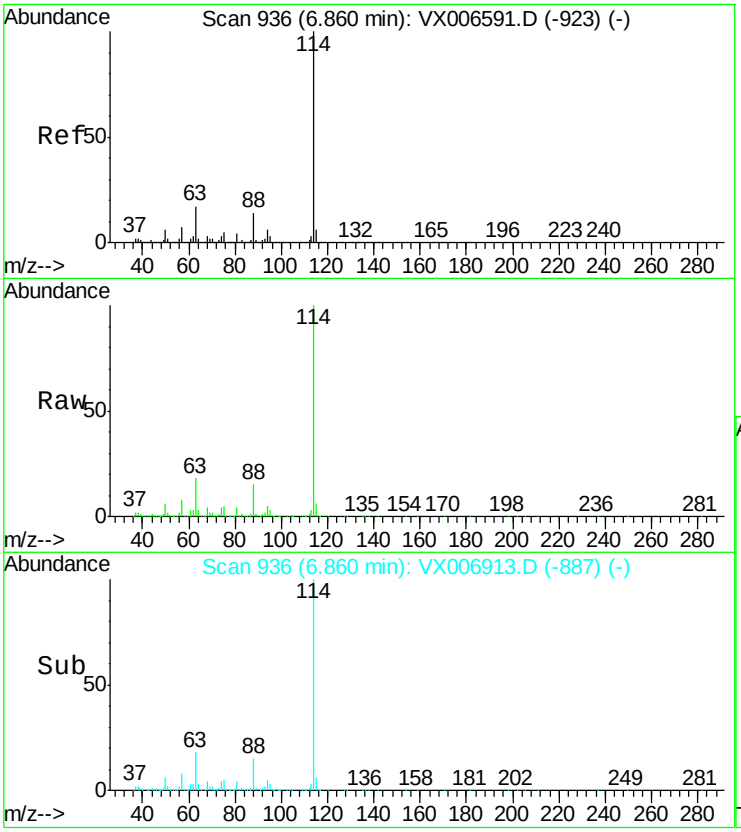


#33
1,2-Dichloroethane-d4
Concen: 48.292 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 65 Resp: 345278

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0



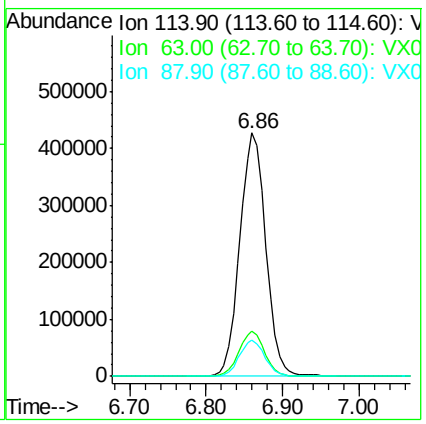


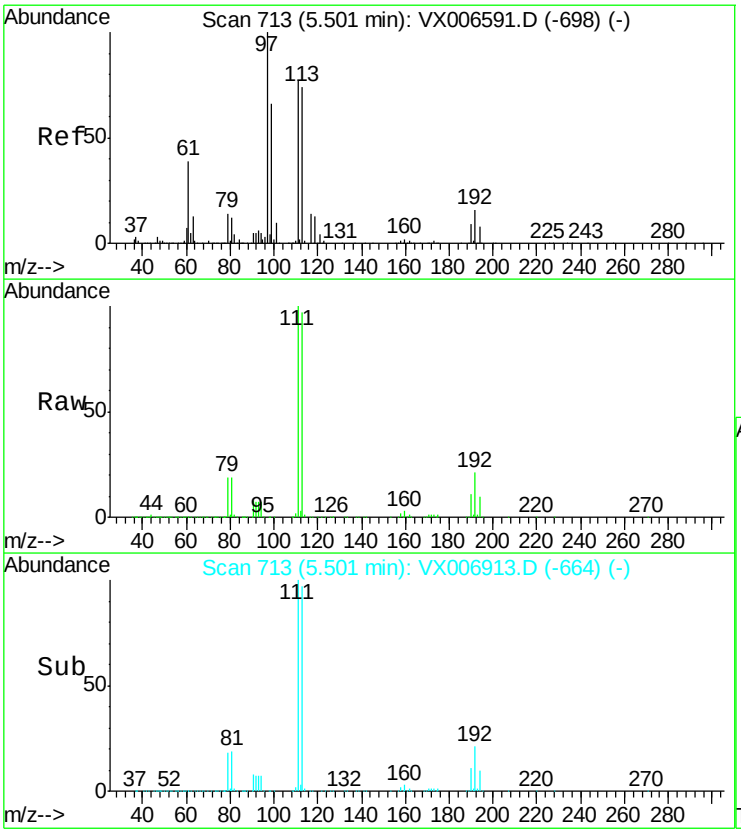
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion:114 Resp: 1006762

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.8
88	14.7	0.0	28.8

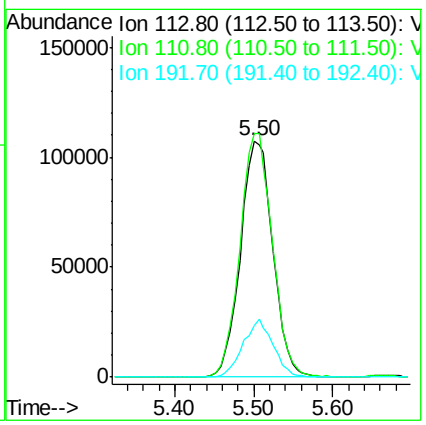


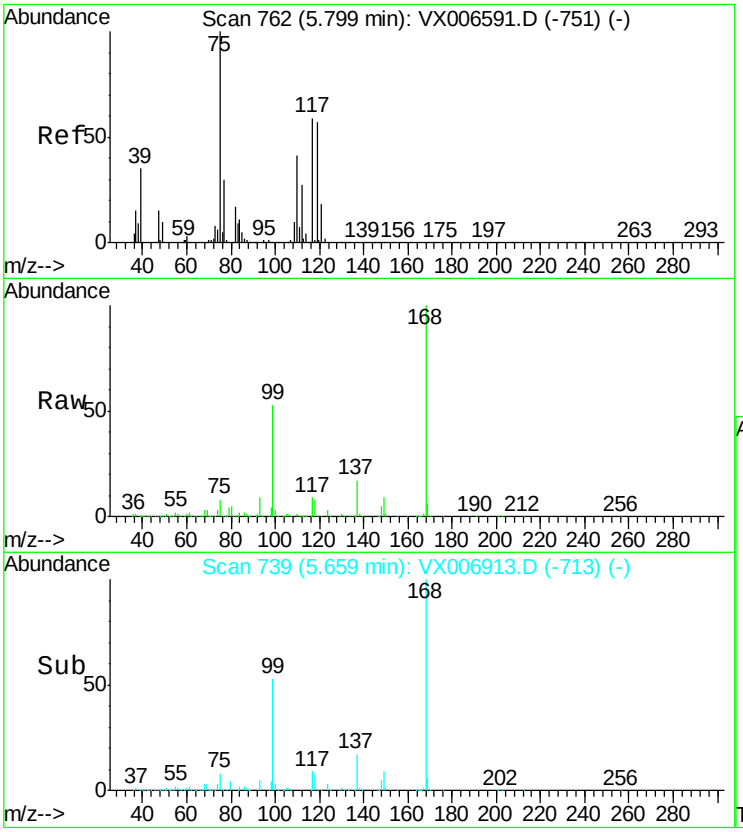


#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion:113 Resp: 306694

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	22.8	16.7	25.1



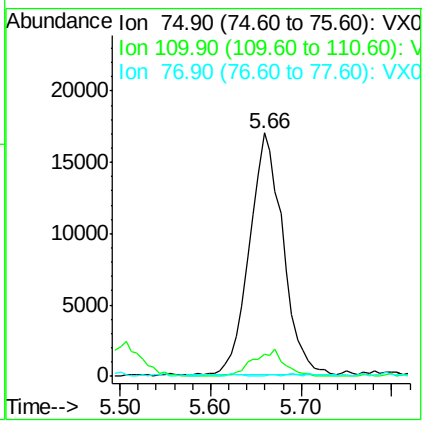


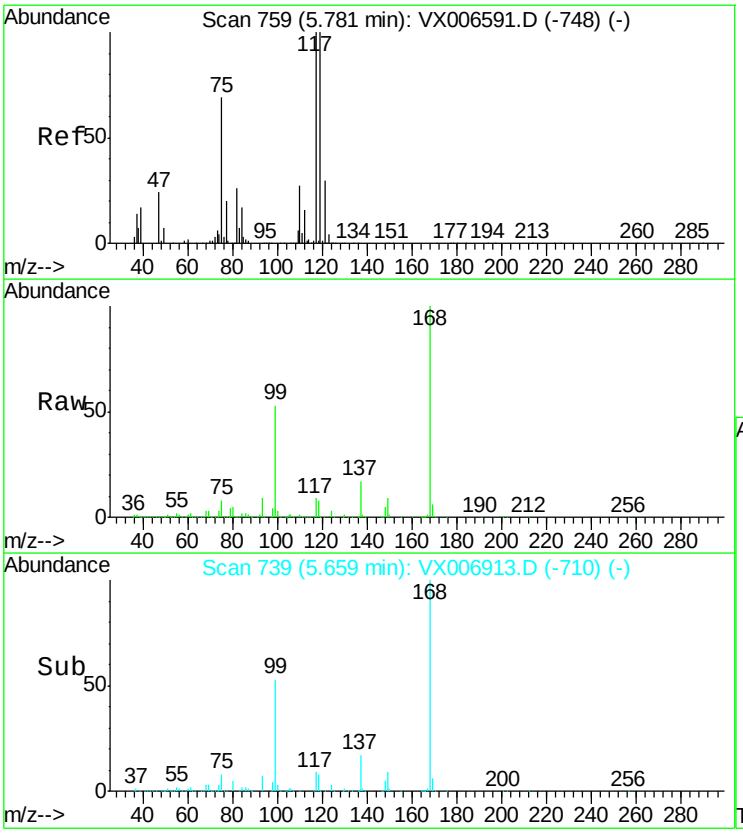
#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 75 Resp: 43596

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.2	60.5#
77	0.3	24.8	37.2#

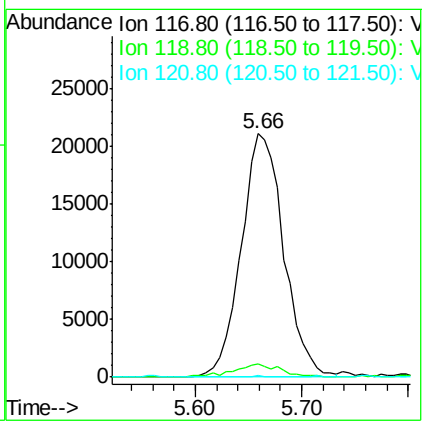


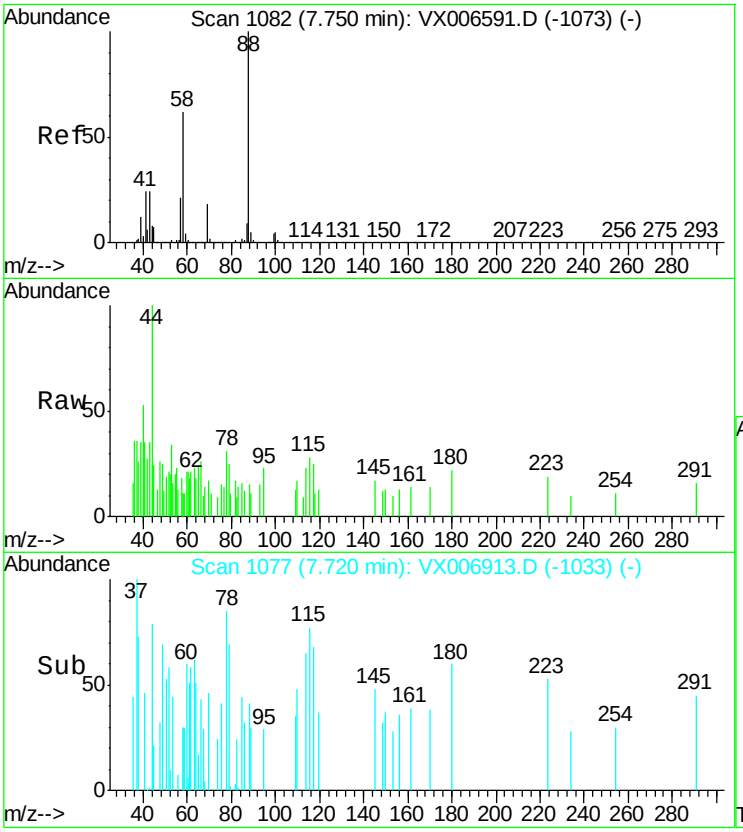


#38
Carbon Tetrachloride
Concen: 7.263 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion:117 Resp: 58858

Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.4	119.2#
121	0.6	24.0	36.0#



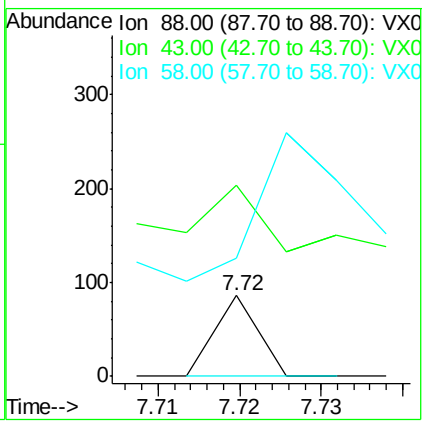


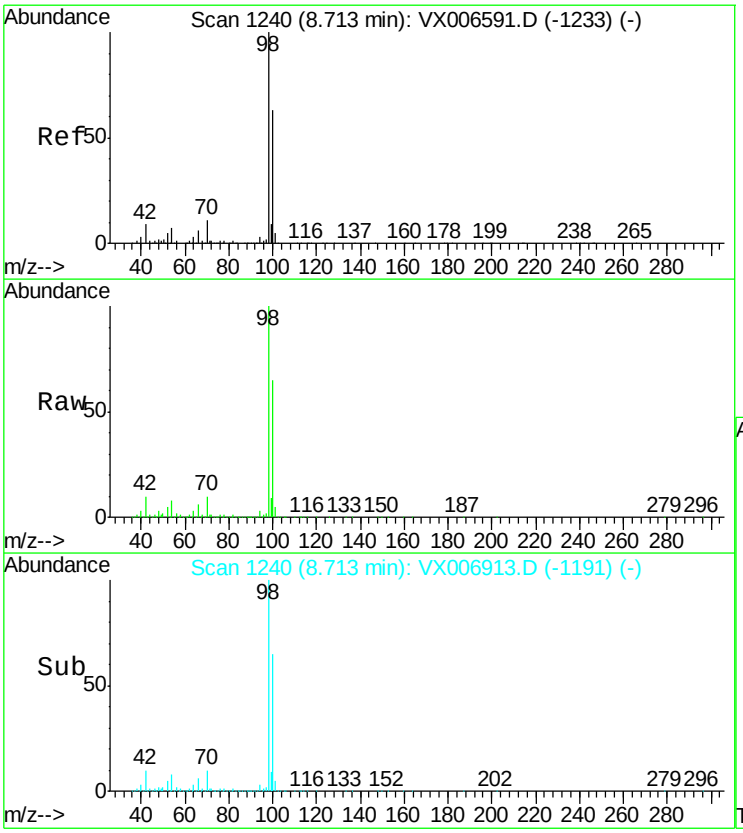
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.72 min Scan# 1077
Delta R.T. -0.03 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	1616.1	51.0	76.4#

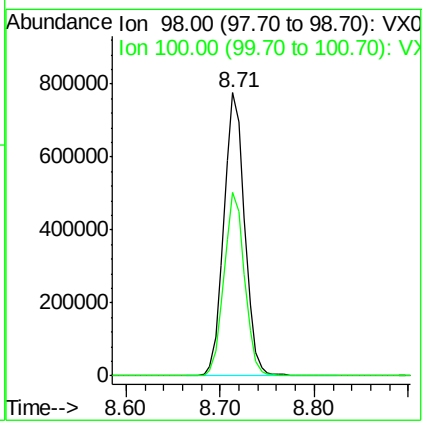


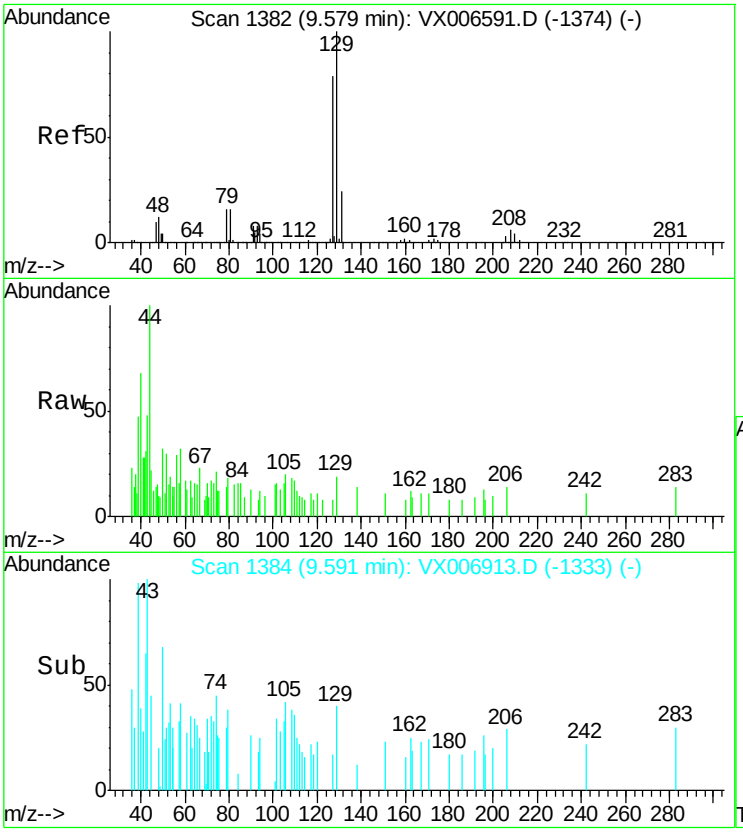


#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 98 Resp: 1192684

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0



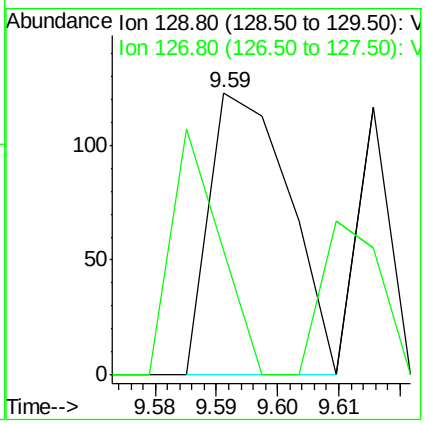


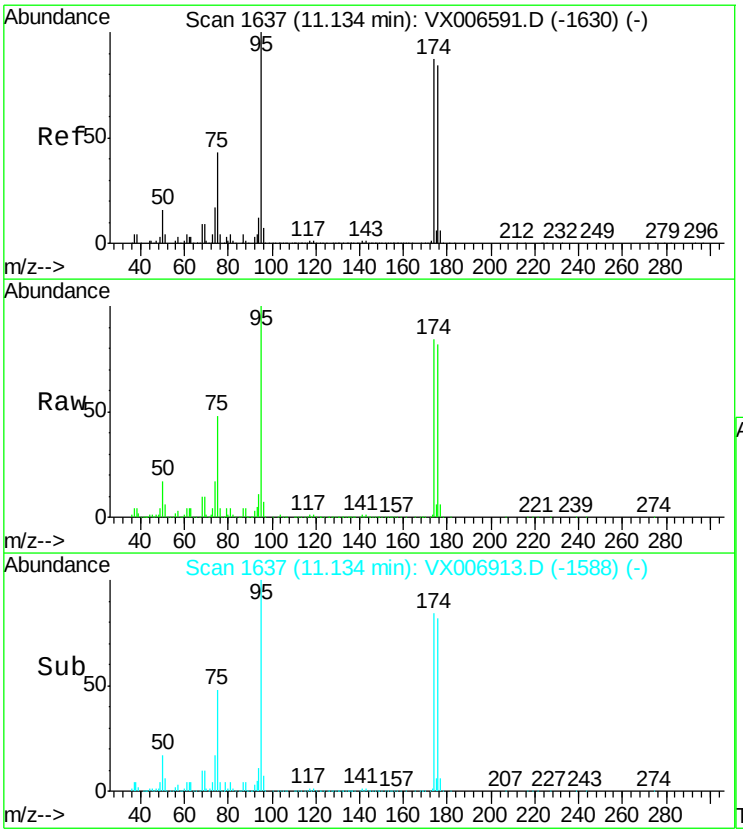
#60
Dibromochloromethane
Concen: 2.339 ug/l
RT: 9.59 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion:129 Resp: 111

Ion	Ratio	Lower	Upper
129	100		
127	53.2	39.3	117.8

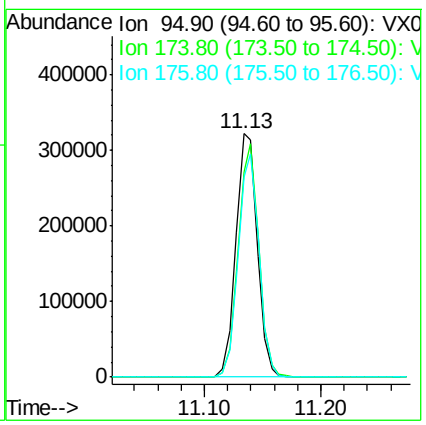


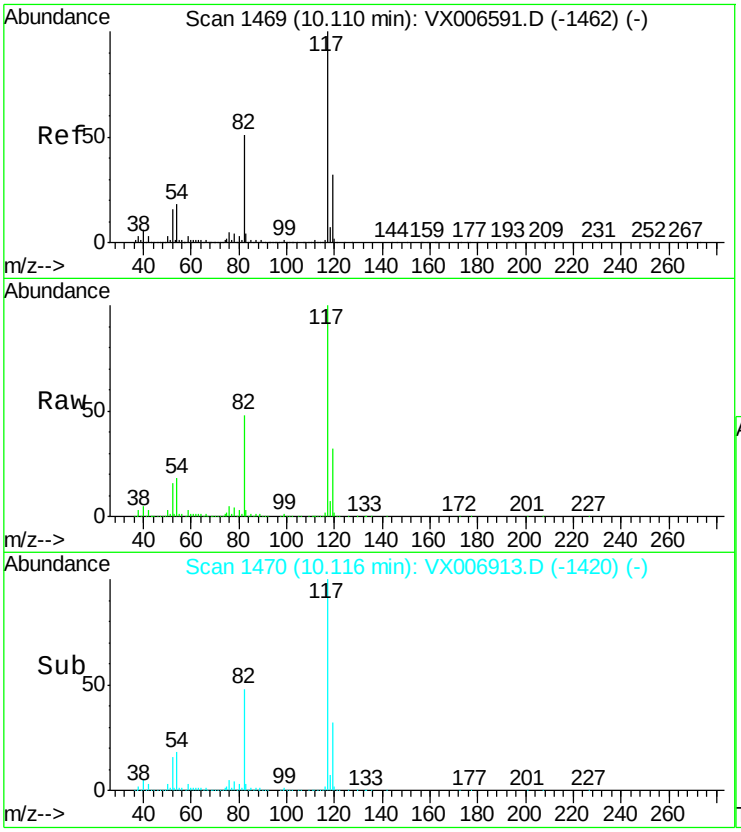


#62
4-Bromofluorobenzene
Concen: 47.065 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 95 Resp: 413728

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	182.2
176	89.4	0.0	178.8



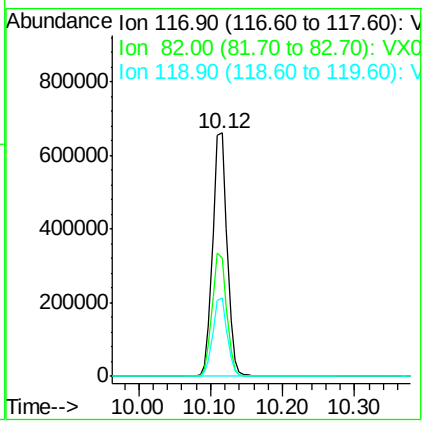


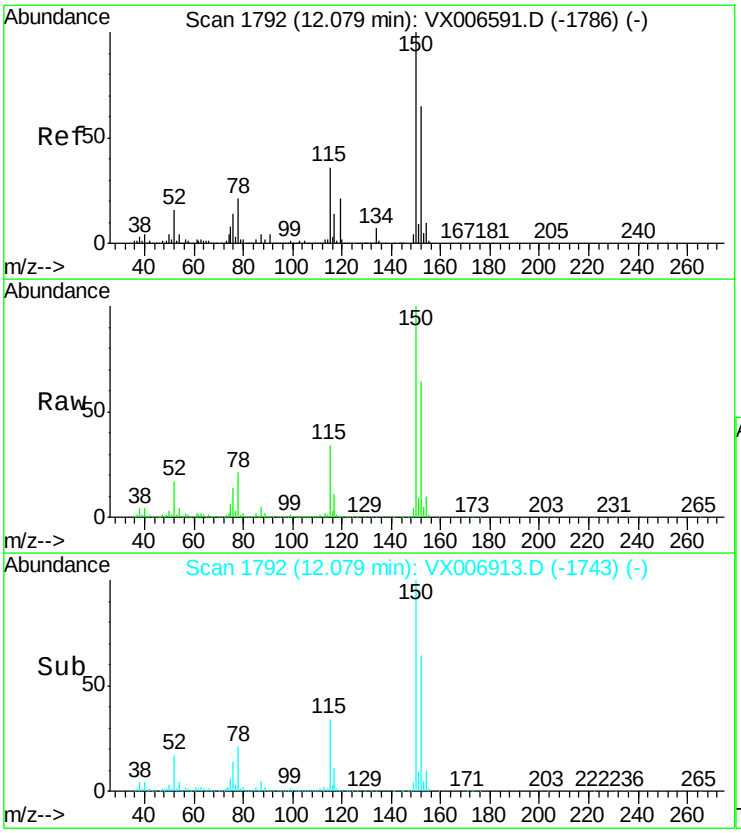
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion:117 Resp: 915791

Ion	Ratio	Lower	Upper
117	100		
82	48.3	41.0	61.6
119	32.5	25.4	38.0

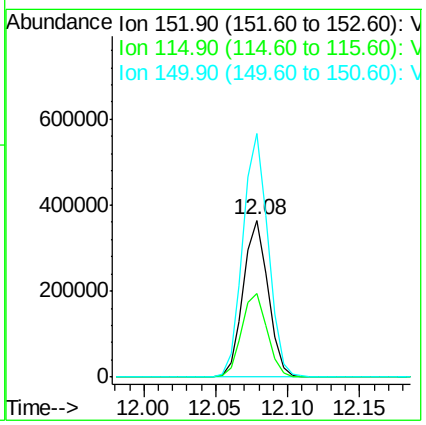


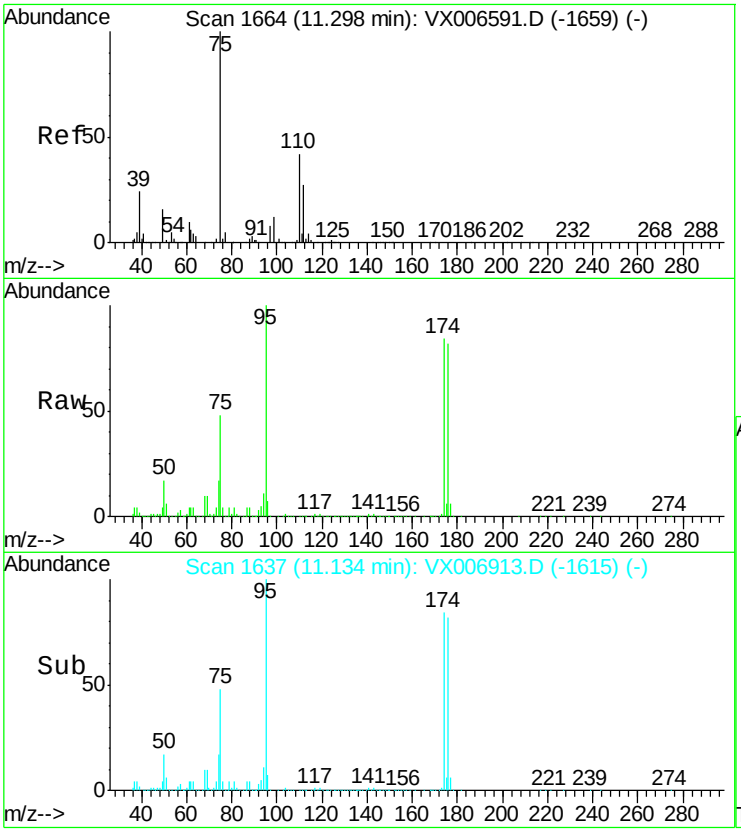


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion:152 Resp: 437076

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.2
150	156.8	0.0	344.8



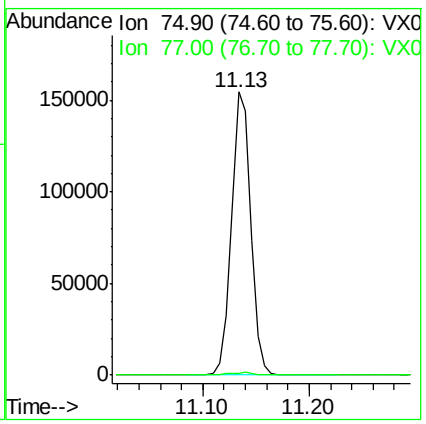


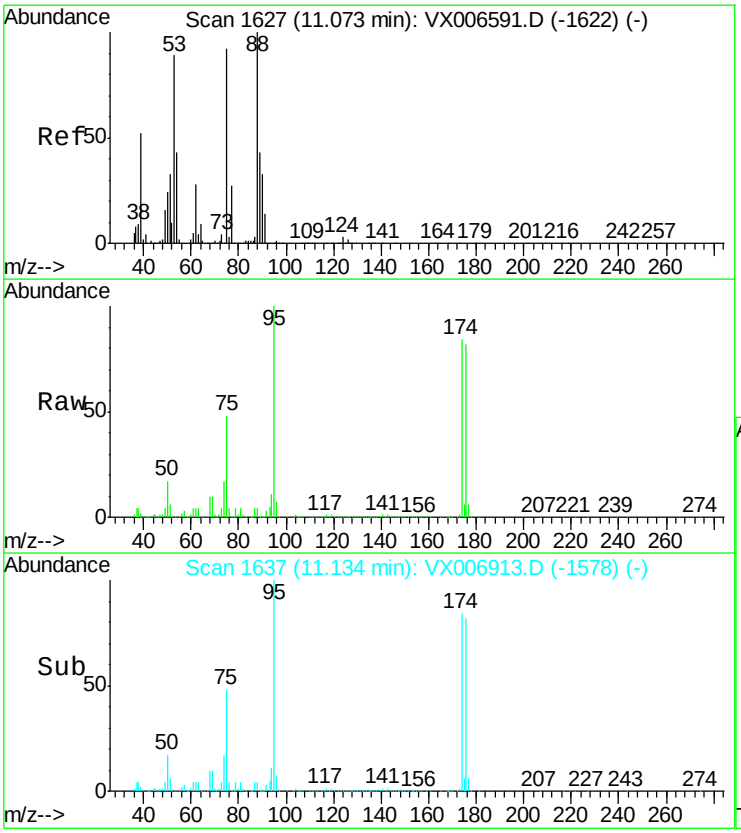
#76
1,2,3-Trichloropropane
Concen: 24.156 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion: 75 Resp: 196209

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#

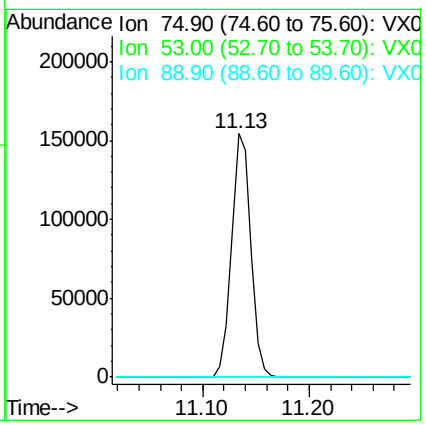


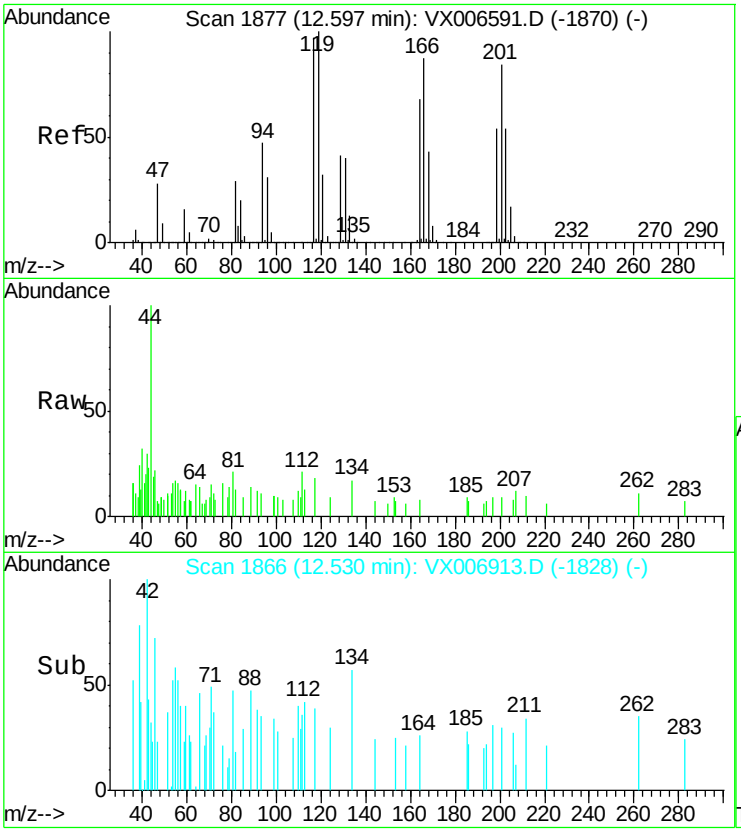


#81
trans-1,4-Dichloro-2-butene
Concen: 71.522 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Tgt Ion: 75 Resp: 196209

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





#90
Hexachloroethane
Concen: 3.332 ug/l
RT: 12.53 min Scan# 1866
Delta R.T. -0.07 min
Lab File: VX006913.D
Acq: 04 Jan 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-1

Tgt Ion:117 Resp: 172

Ion	Ratio	Lower	Upper
117	100		
201	70.9	42.9	128.7