Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062018\
Data File : VX002741.D
Acq On : 20 Jun 2018 15:01
Operator : JC/MD
Sample : J3596-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 21 03:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148927	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.46%			
35) Dibromofluoromethane	5.51	113	118035	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	8.72	98	434199	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
62) 4-Bromofluorobenzene	11.14	95	150395	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.24%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	27191	9.94	ug/l #	48
5) Bromomethane	1.66	94	1319	0.77	ug/l	91
10) Methyl Iodide	2.52	142	1575	5.59	ug/l #	84
11) Tert butyl alcohol	3.07	59	311	0.46	ug/l #	1
13) Acrolein	2.31	56	167	7.37	ug/l #	14
15) Acrylonitrile	3.15	53	491	0.33	ug/l #	77
16) Acetone	2.45	43	3627	2.50	ug/l	92
17) Carbon Disulfide	2.57	76	6357	1.11	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	2930	0.32	ug/l	96
20) Methylene Chloride	2.86	84	611	0.21	ug/l #	51
25) 2-Butanone	4.71	43	479	0.25	ug/l #	22
29) Tetrahydrofuran	5.17	42	383	0.31	ug/l #	36
30) Chloroform	5.21	83	1046	0.23	ug/l #	81
36) 1,1-Dichloropropene	5.67	75	14725	4.56	ug/l #	42
38) Carbon Tetrachloride	5.67	117	20282	6.31	ug/l #	16
40) Benzene	6.15	78	2199	0.23	ug/l	99
49) 1,4-Dioxane	7.78	88	21	0.36	ug/l #	1
53) t-1,3-Dichloropropene	8.44	75	56	2.41	ug/l #	20
54) cis-1,3-Dichloropropene	9.04	75	27	3.22	ug/l #	34
60) Dibromochloromethane	9.58	129	41	3.77	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	80320	26.44	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	80320	81.69	ug/l #	7
90) Hexachloroethane	12.71	117	739	3.08	ug/l #	1
95) Naphthalene	13.83	128	3744	0.35	ug/l #	88

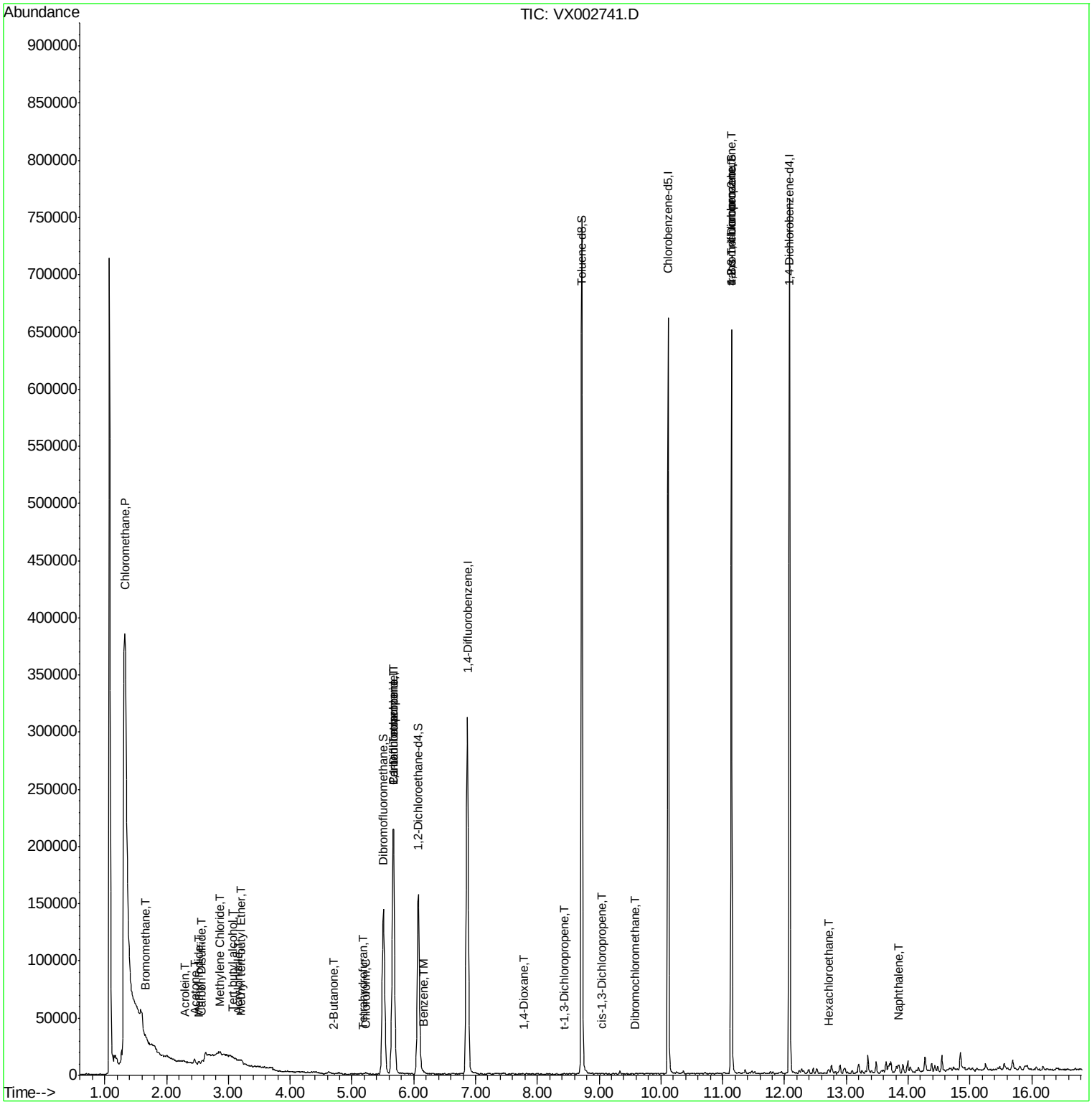
(#) = qualifier out of range (m) = manual integration (+) = signals summed

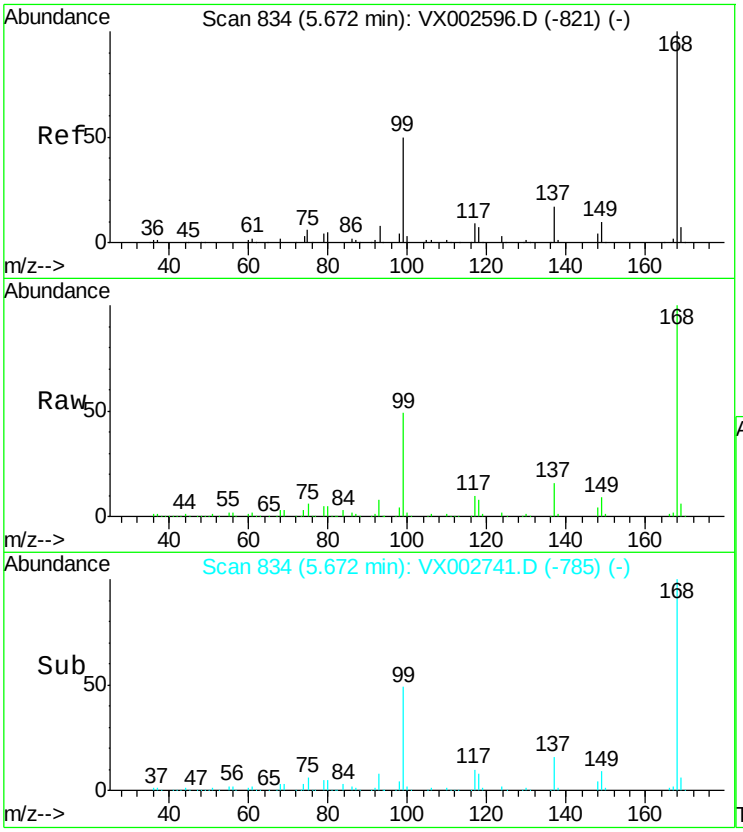
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062018\
Data File : VX002741.D
Acq On : 20 Jun 2018 15:01
Operator : JC/MD
Sample : J3596-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 03:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



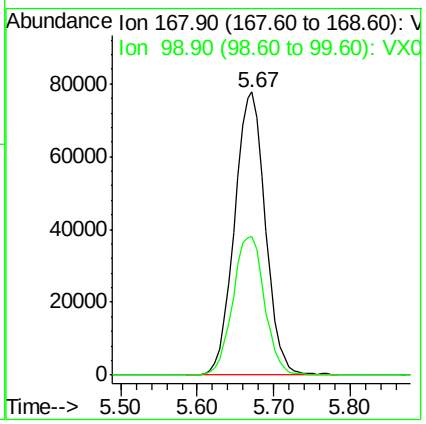


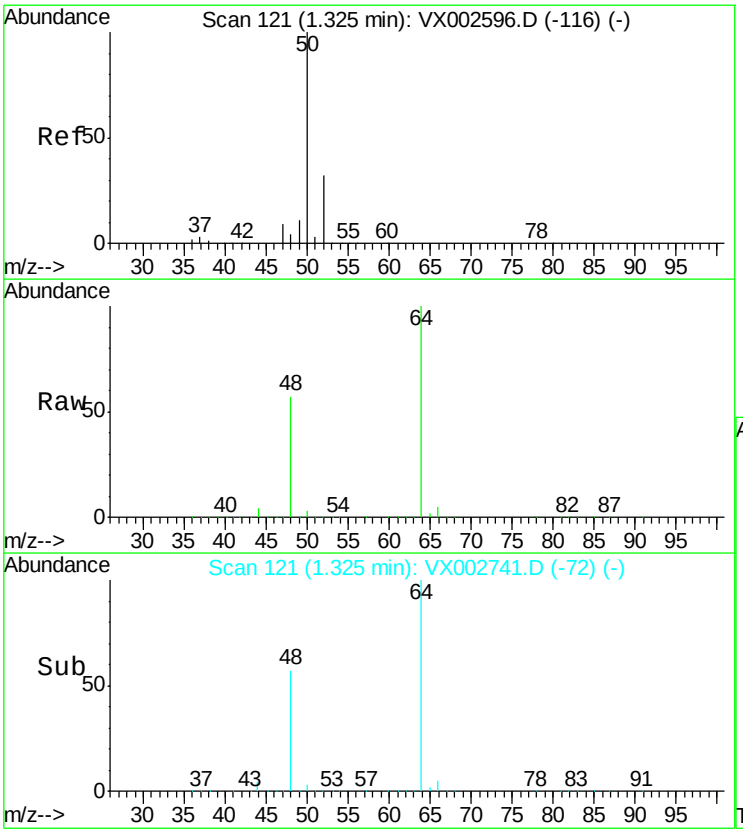
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 216694

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.3	58.9

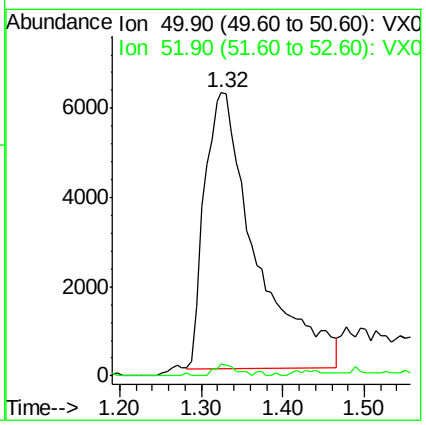


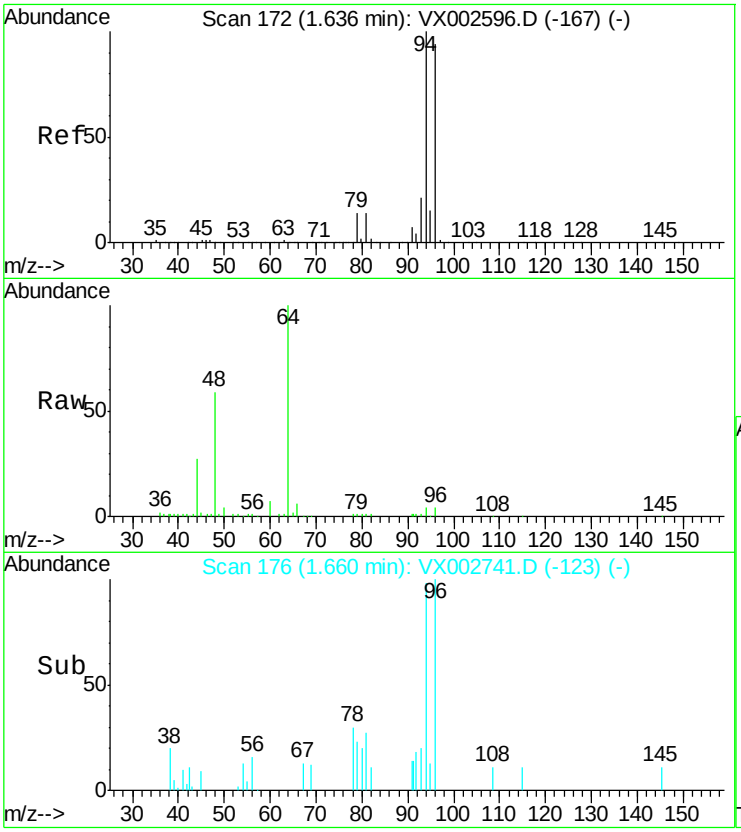


#3
Chloromethane
Concen: 9.94 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 50 Resp: 27191

Ion	Ratio	Lower	Upper
50	100		
52	3.2	25.7	38.5#



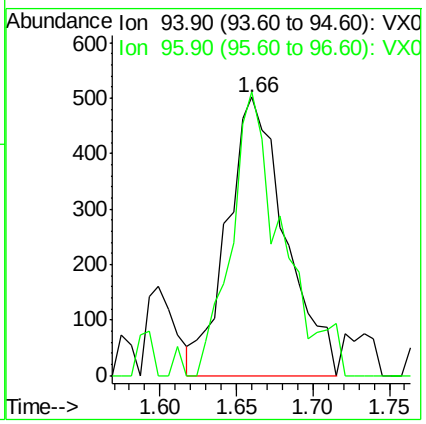


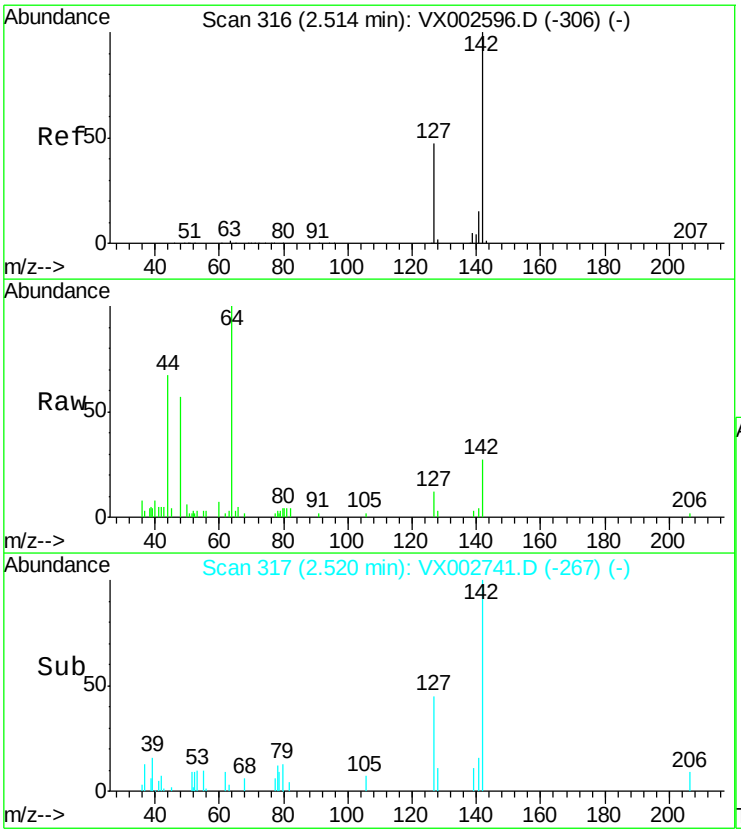
#5
Bromomethane
Concen: 0.77 ug/l
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1319

Ion	Ratio	Lower	Upper
94	100		
96	101.8	74.9	112.3

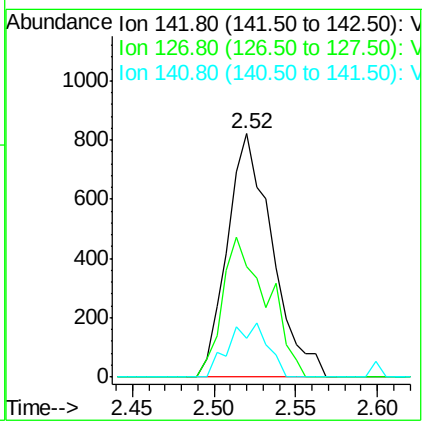


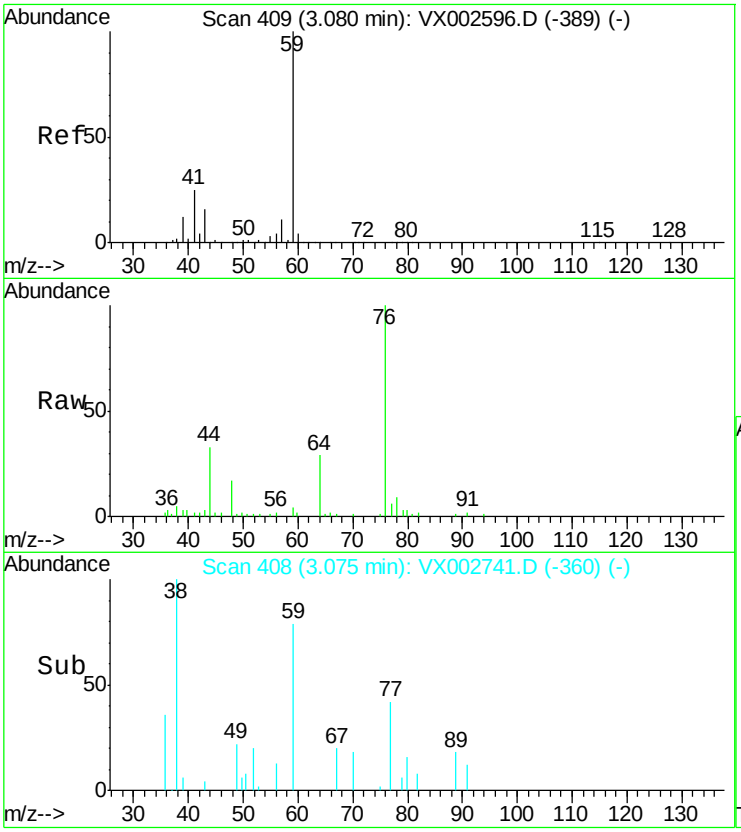


#10
Methyl Iodide
Concen: 5.59 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion:142 Resp: 1575

Ion	Ratio	Lower	Upper
142	100		
127	57.1	36.6	55.0#
141	19.2	11.3	16.9#



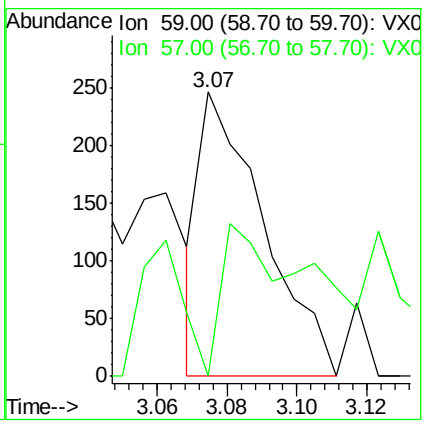


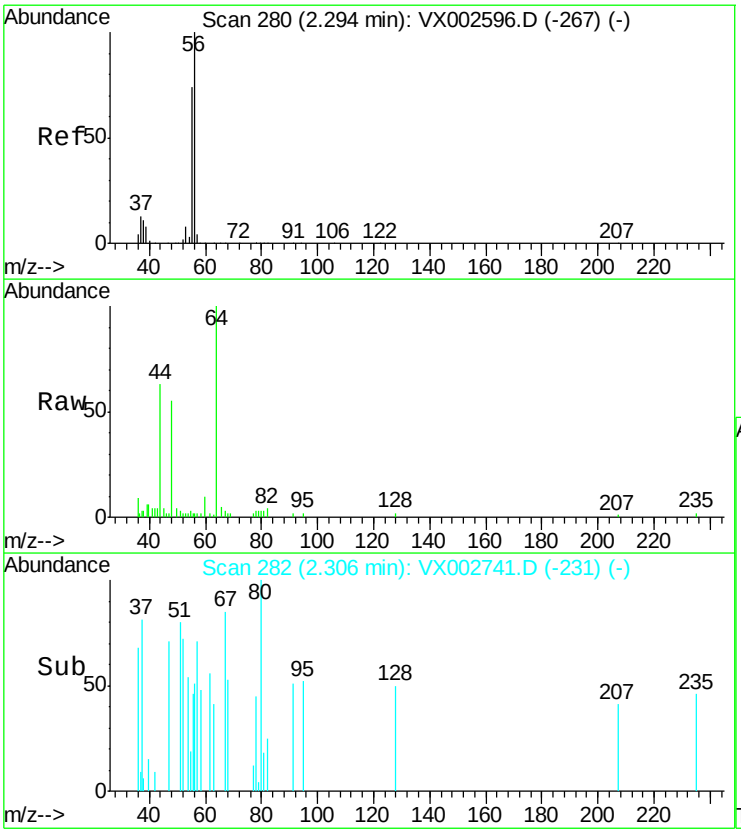
#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 311

Ion	Ratio	Lower	Upper
59	100		
57	76.2	8.2	12.2#

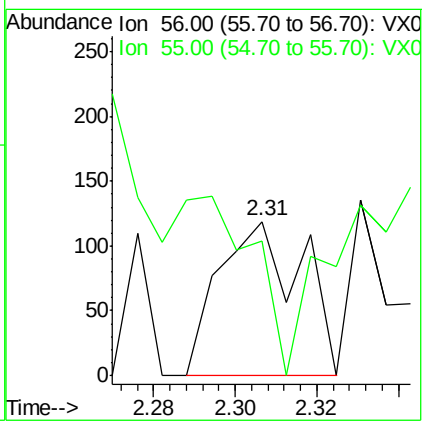


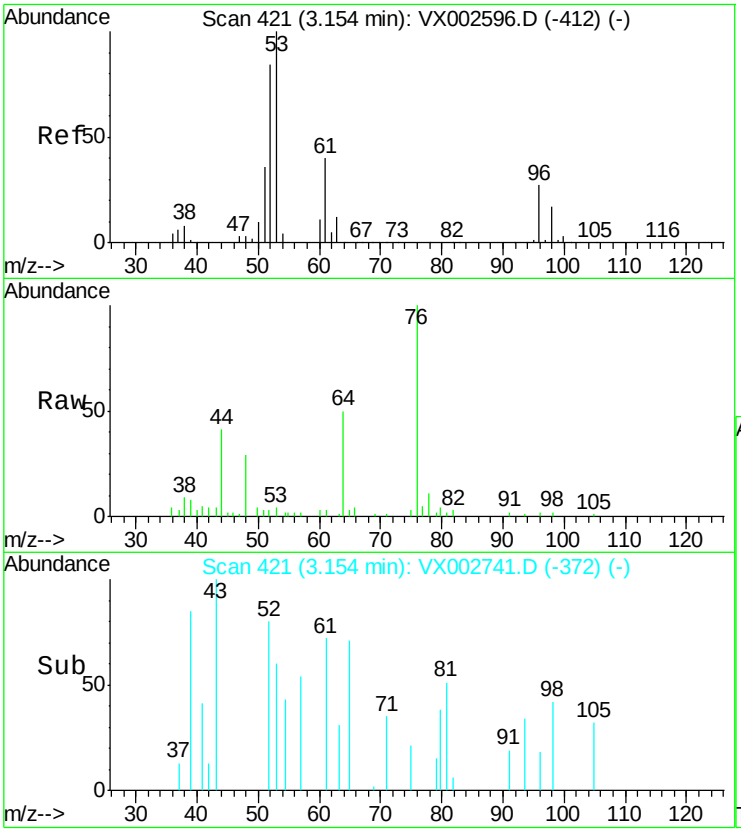


#13
Acrolein
Concen: 7.37 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 56 Resp: 167

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



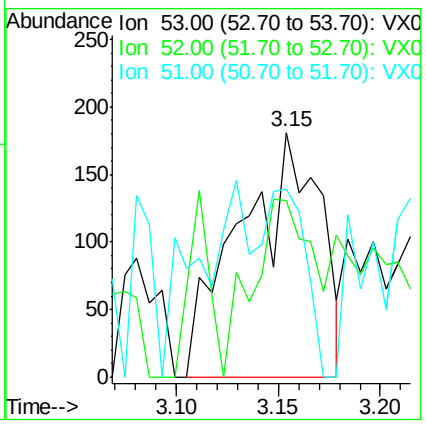


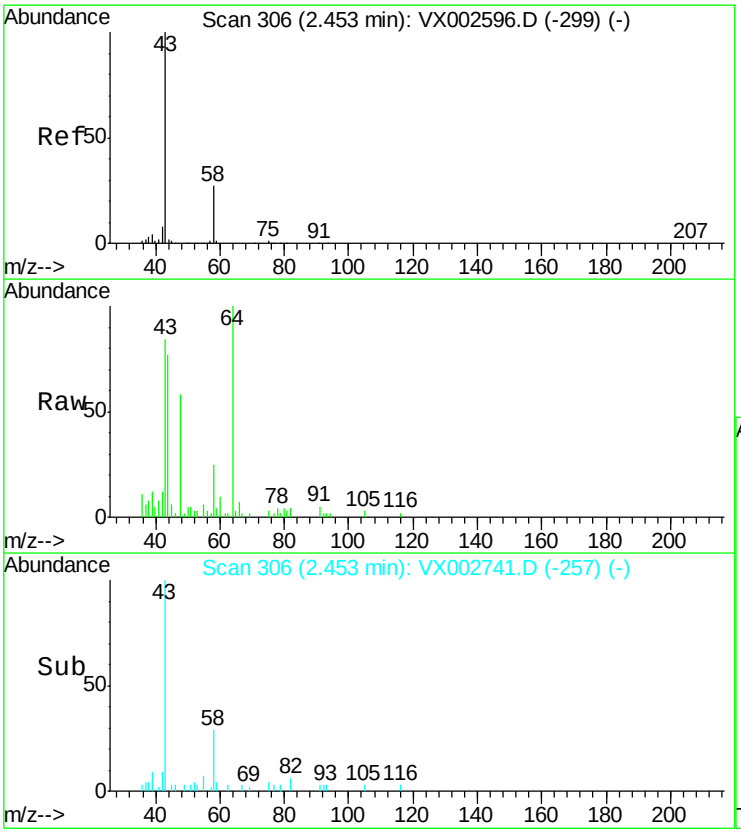
#15
Acrylonitrile
Concen: 0.33 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 491

Ion	Ratio	Lower	Upper
53	100		
52	55.0	66.7	100.1#
51	35.0	29.9	44.9

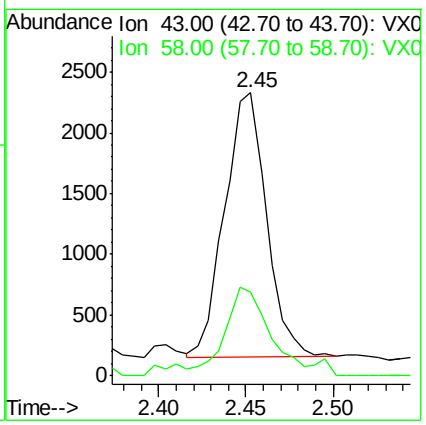


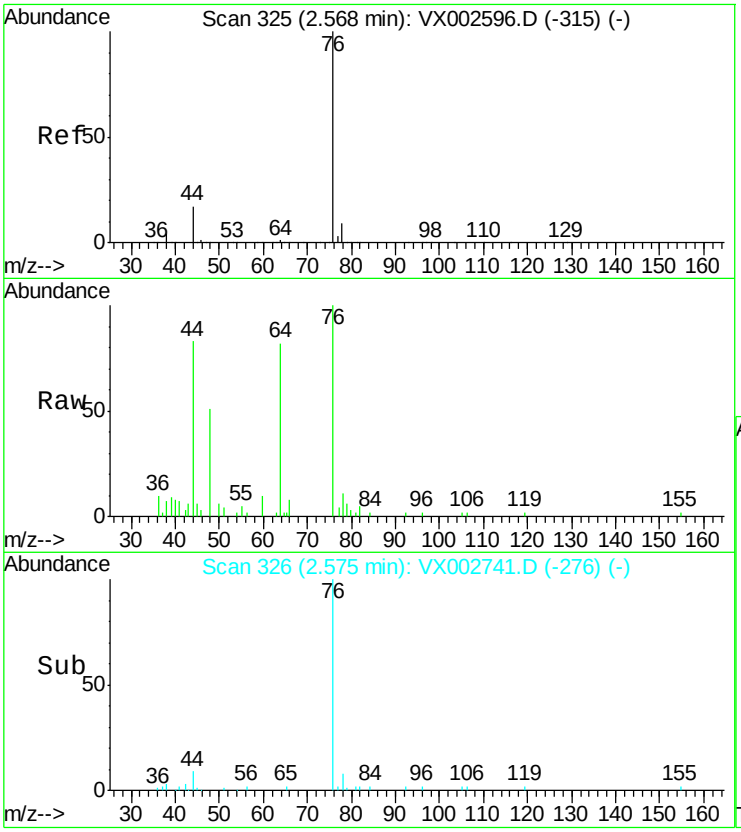


#16
Acetone
Concen: 2.50 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 43 Resp: 3627

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.1	33.1



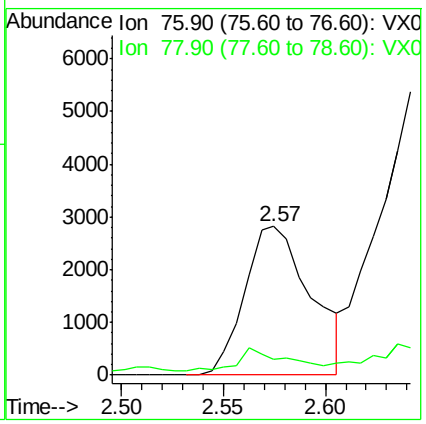


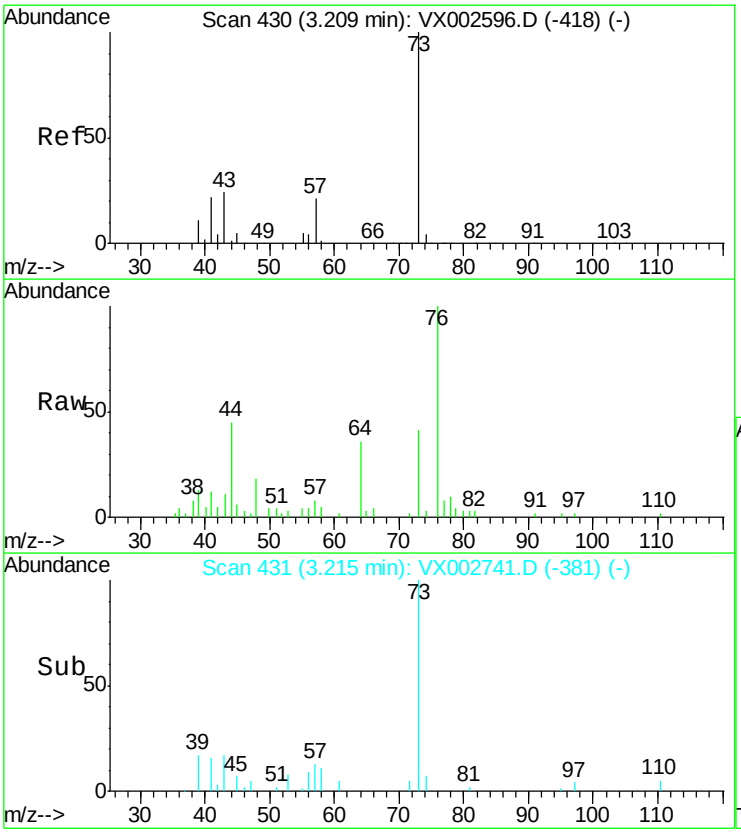
#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6357

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.9	10.3

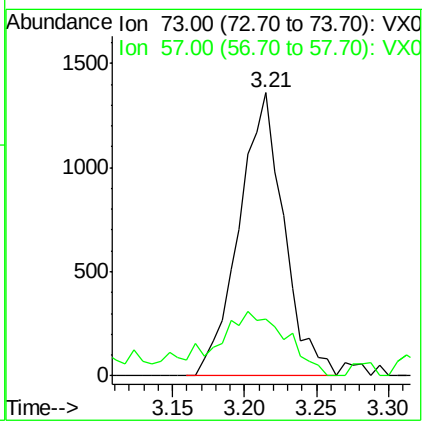


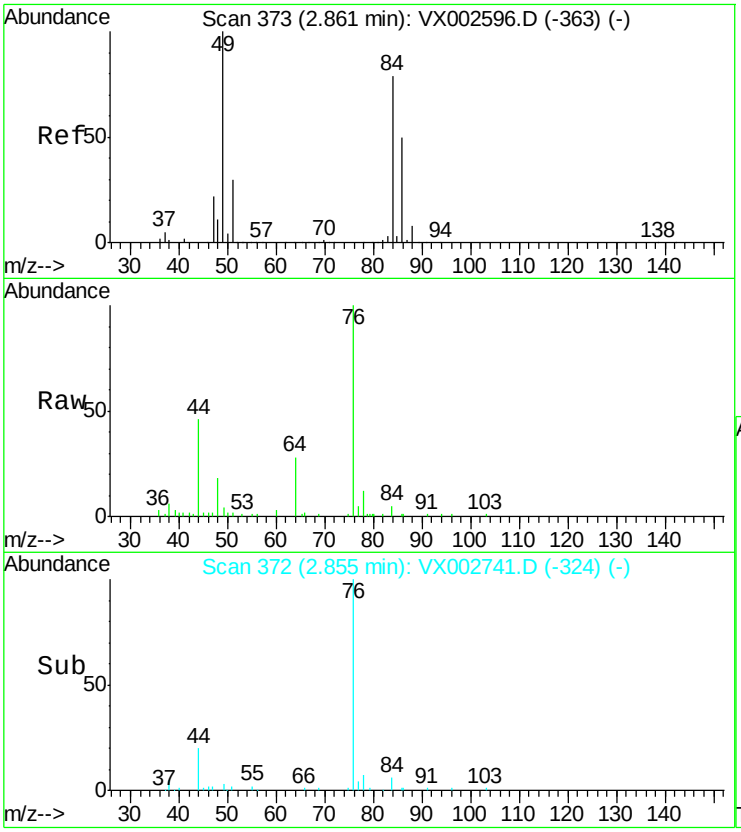


#19
Methyl tert-butyl Ether
Concen: 0.32 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 73 Resp: 2930

Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.7	26.5



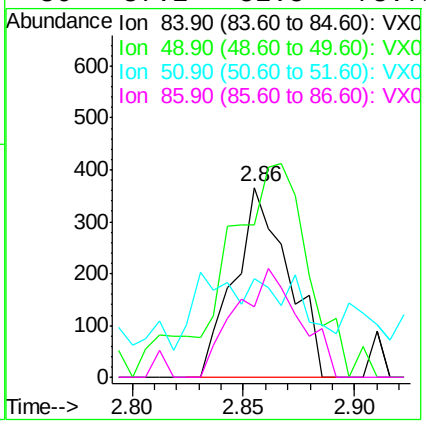


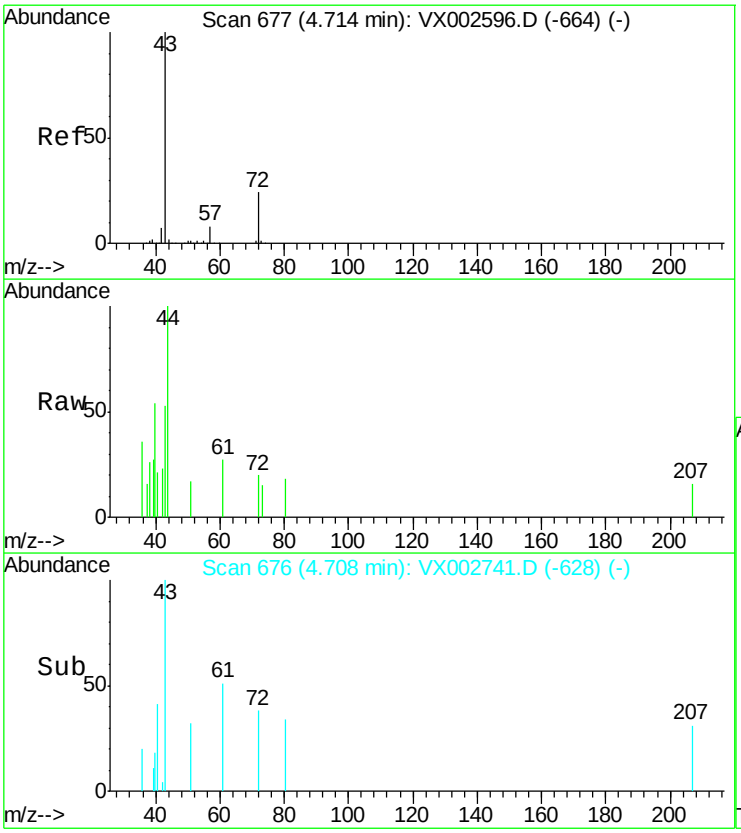
#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 611

Ion	Ratio	Lower	Upper
84	100		
49	58.2	107.8	161.6#
51	29.0	32.8	49.2#
86	37.2	52.5	78.7#

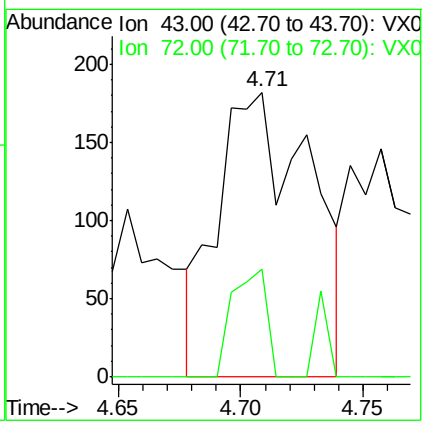


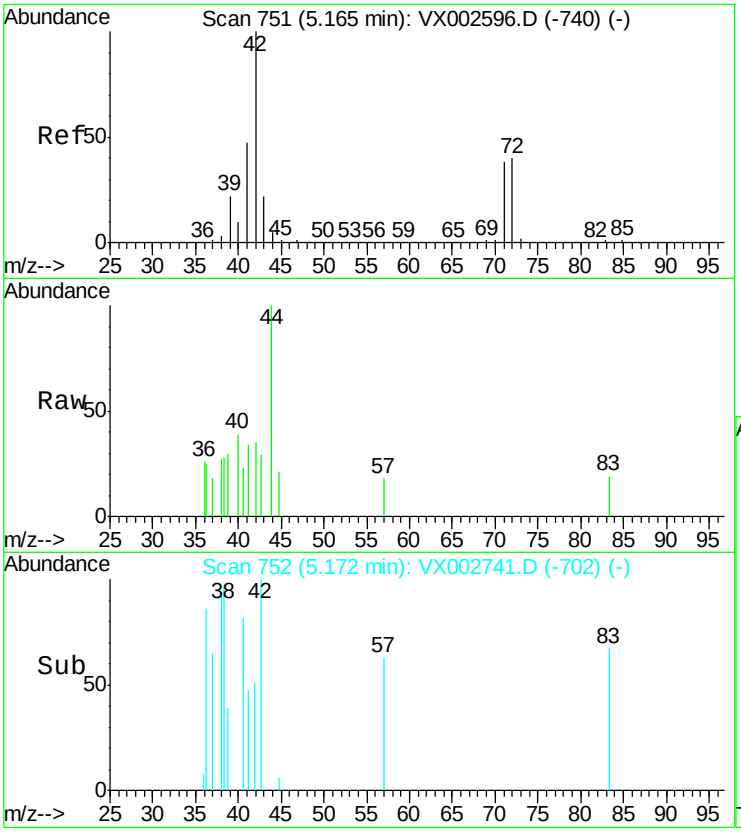


#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 43 Resp: 479

Ion	Ratio	Lower	Upper
43	100		
72	61.1	18.5	27.7#



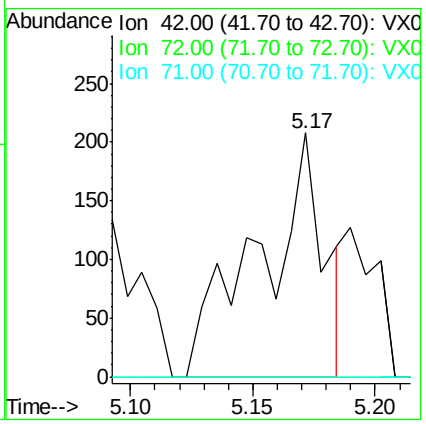


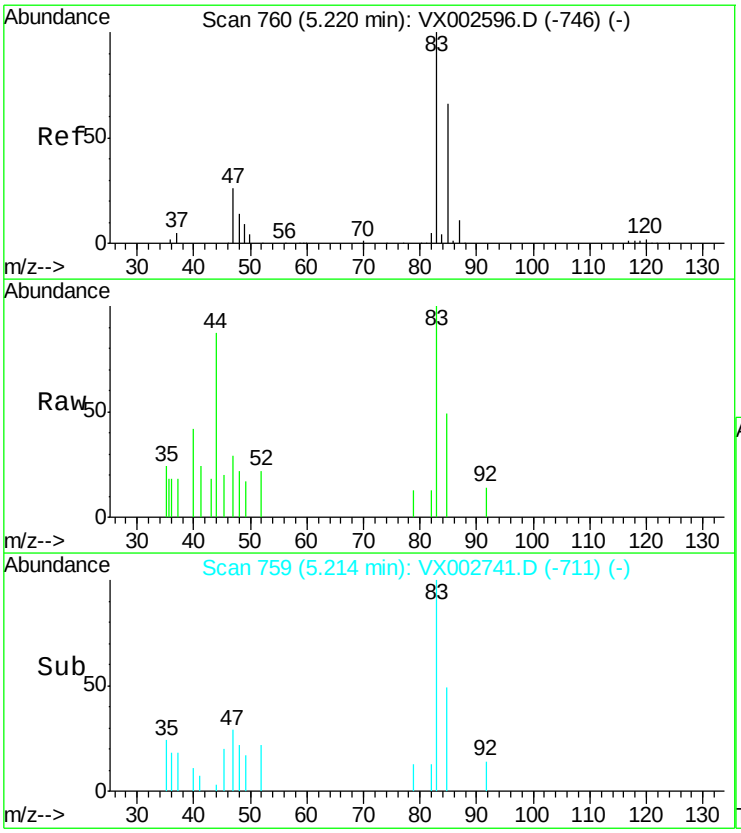
#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 383

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#

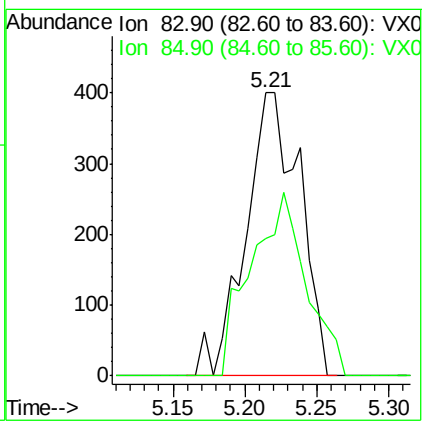


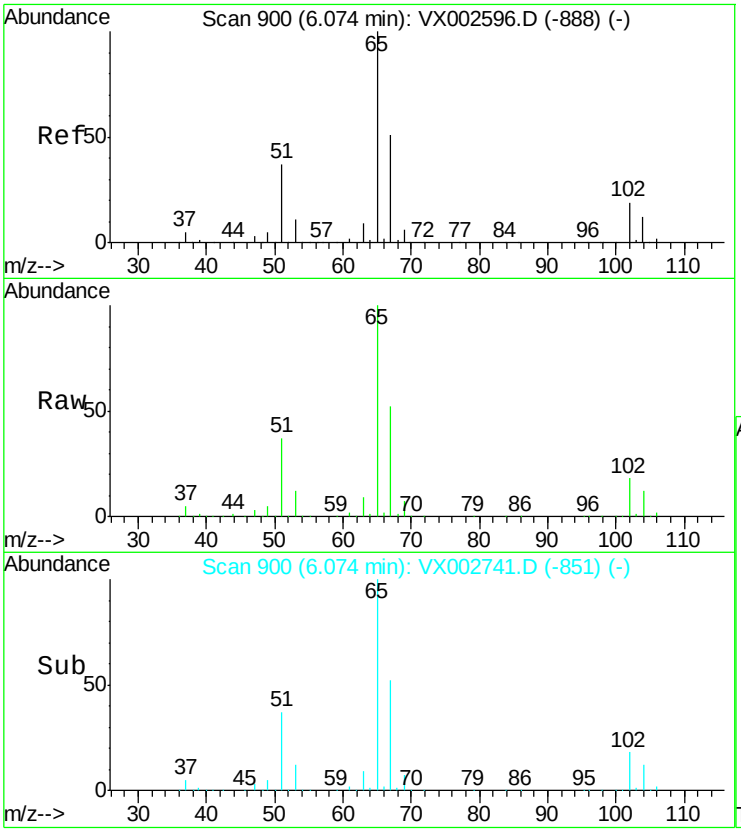


#30
Chloroform
Concen: 0.23 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 83 Resp: 1046

Ion	Ratio	Lower	Upper
83	100		
85	48.5	50.4	75.6#



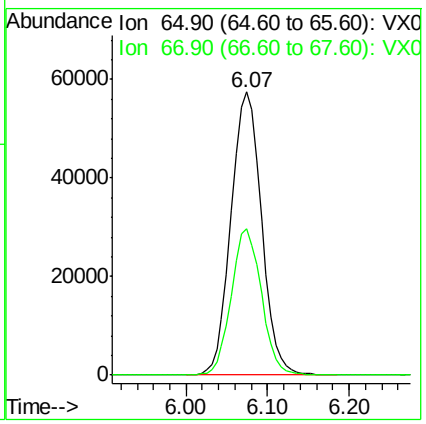


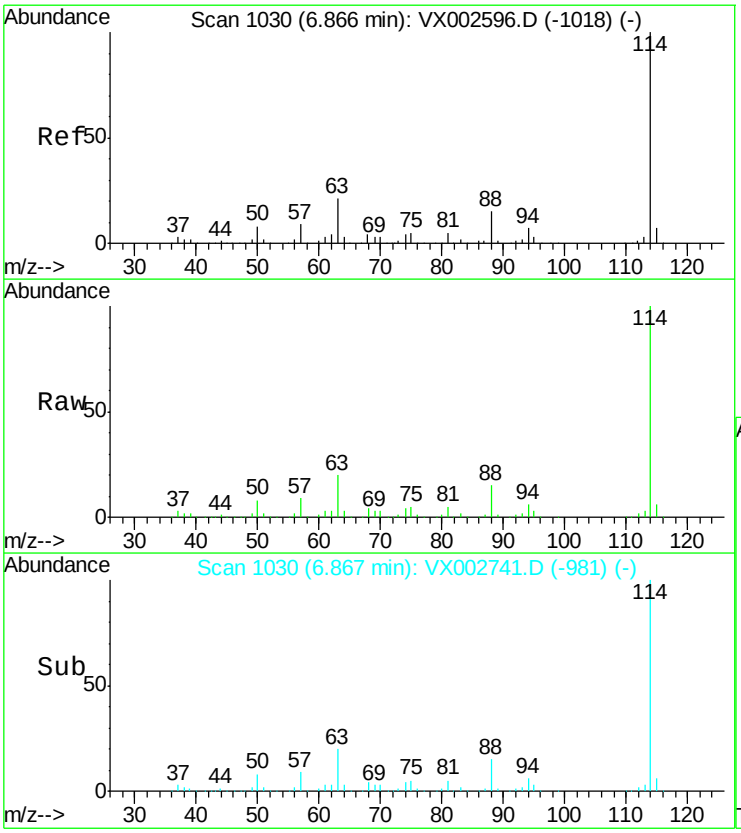
#33
1,2-Dichloroethane-d4
Concen: 45.23 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 148927

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

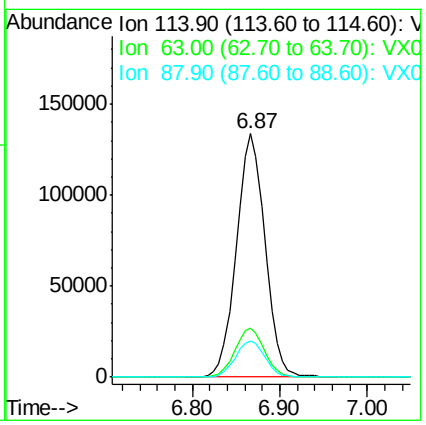


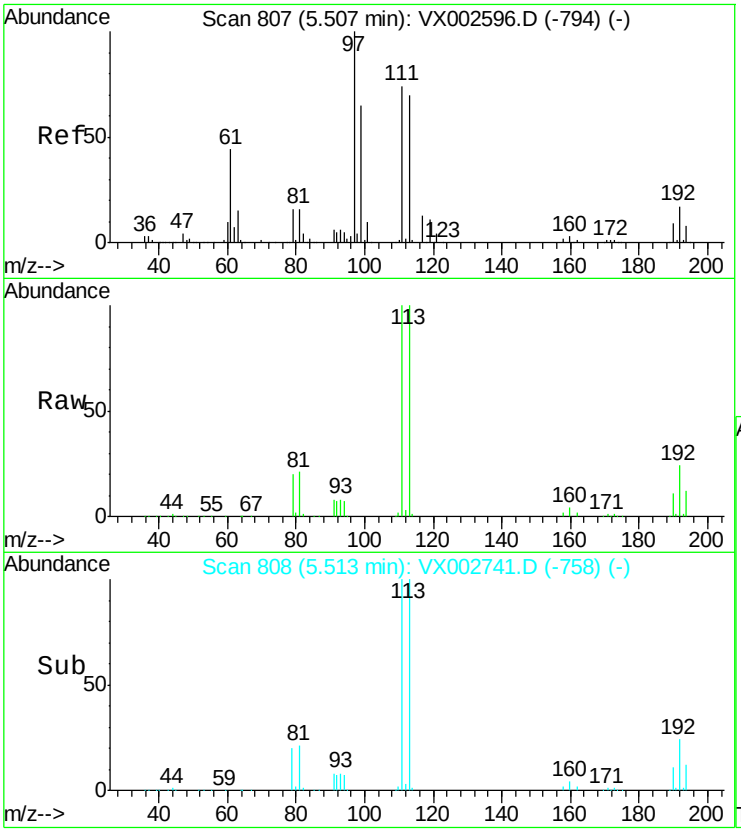


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion:114 Resp: 303768

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.1	0.0	30.0



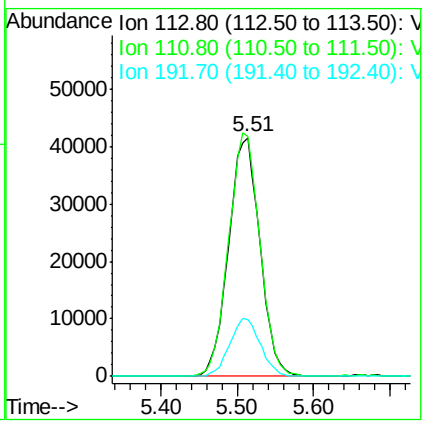


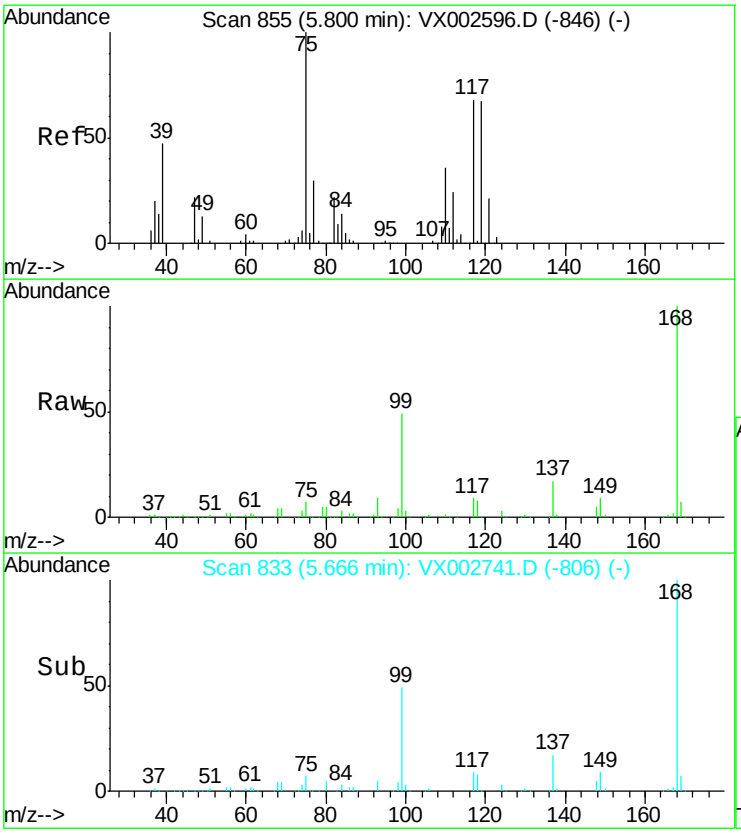
#35
Dibromofluoromethane
Concen: 48.69 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 118035

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.8	19.1	28.7

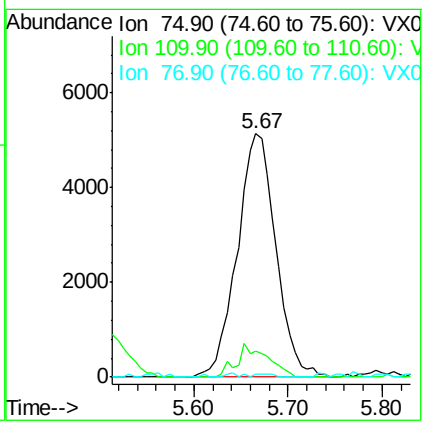


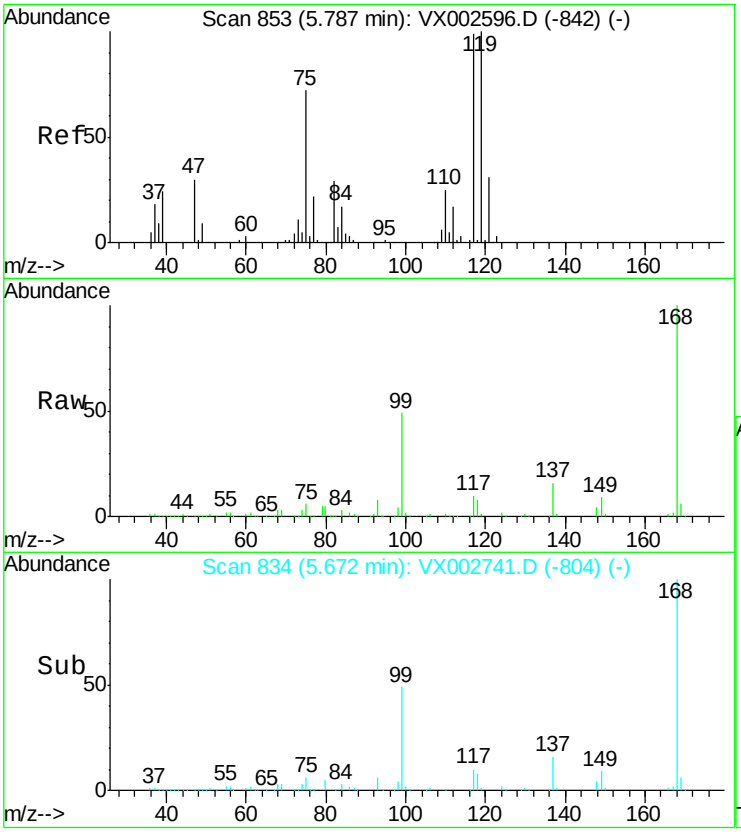


#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 75 Resp: 14725

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.6	24.3	36.5#



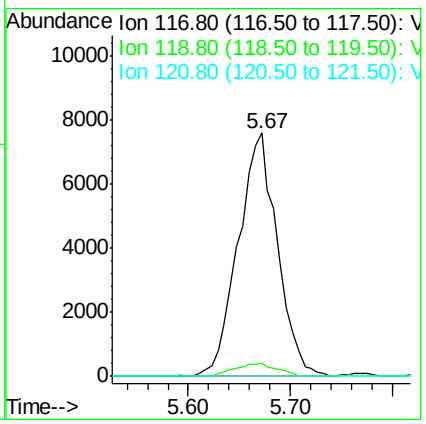


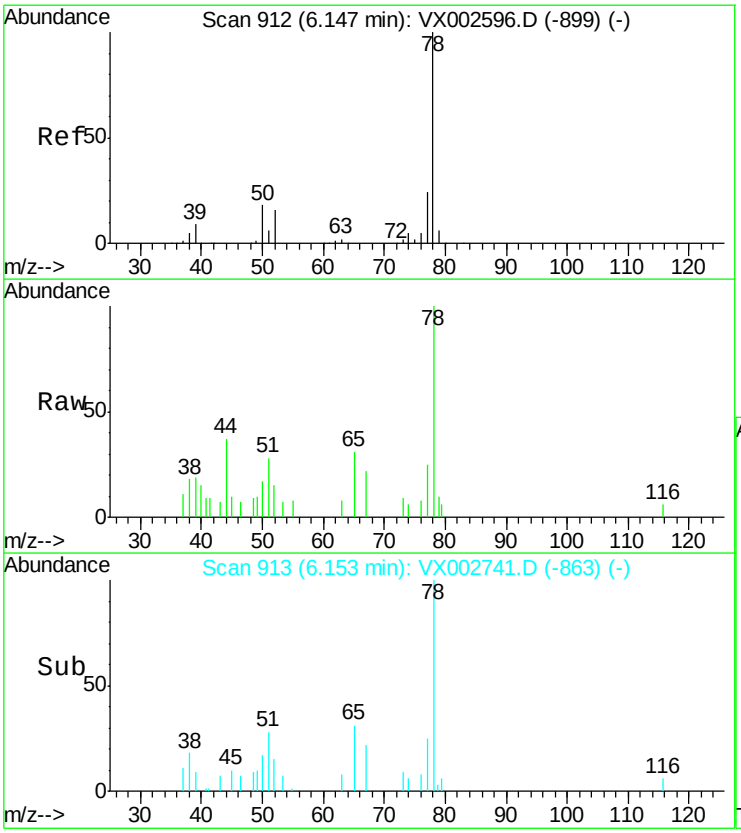
#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20282

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	24.4	36.6#

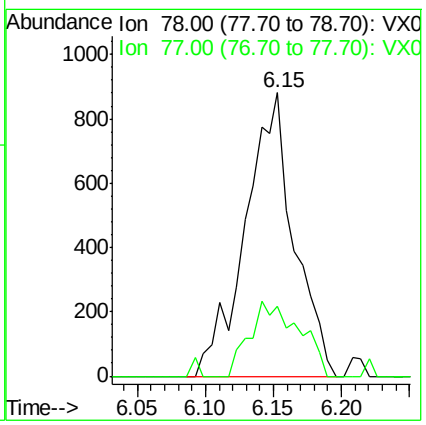


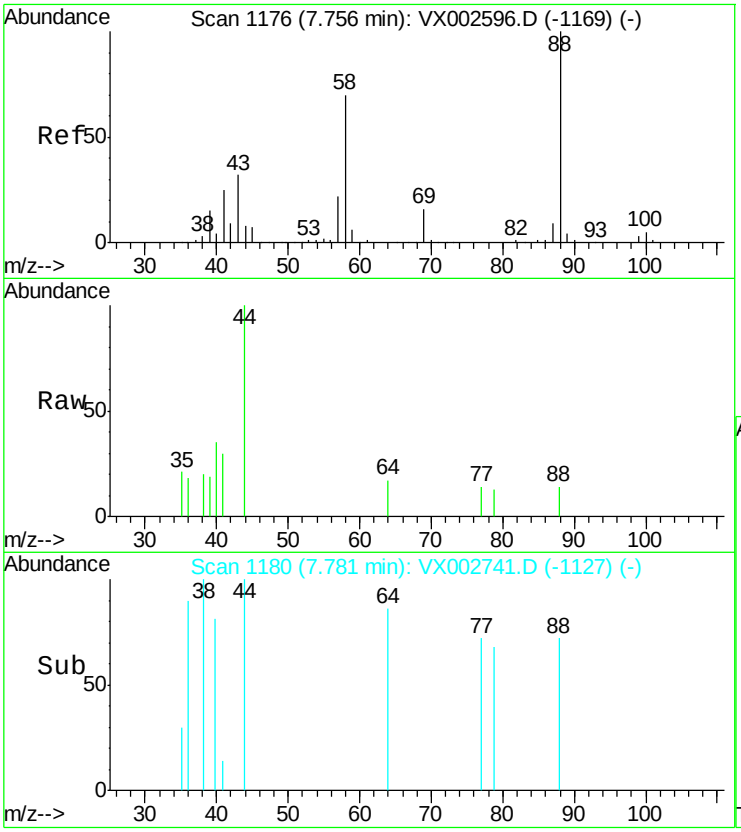


#40
Benzene
Concen: 0.23 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 78 Resp: 2199

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7



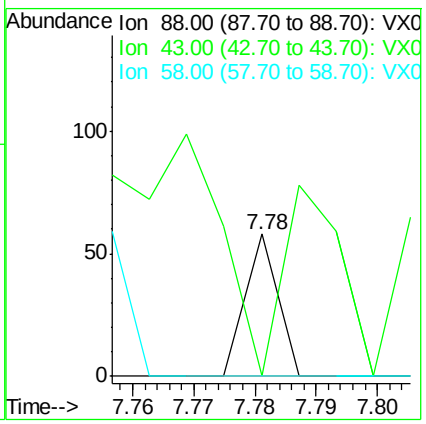


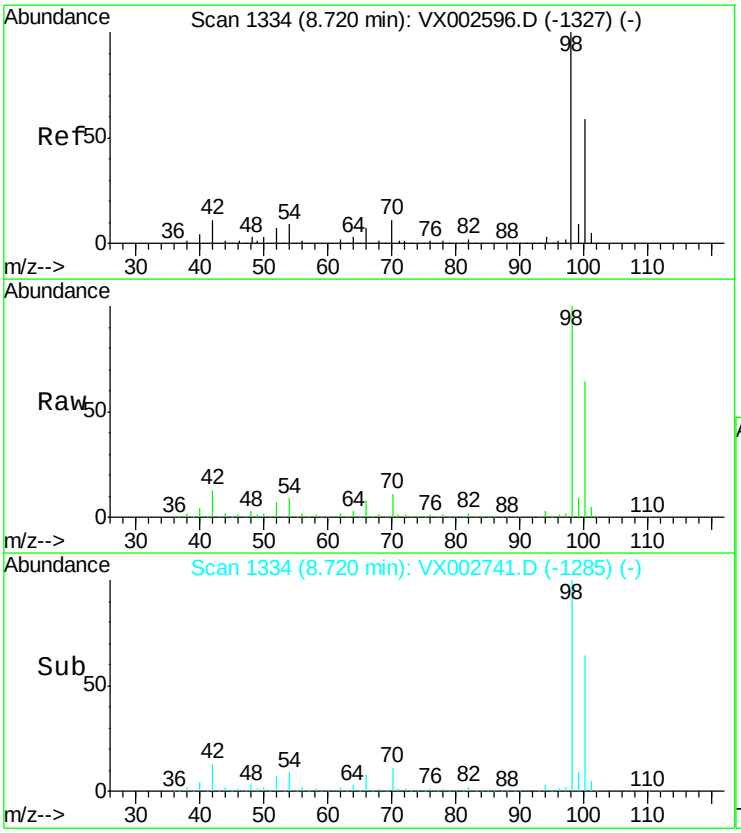
#49
1,4-Dioxane
Concen: 0.36 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.02 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	352.4	29.8	44.6#
58	0.0	57.1	85.7#

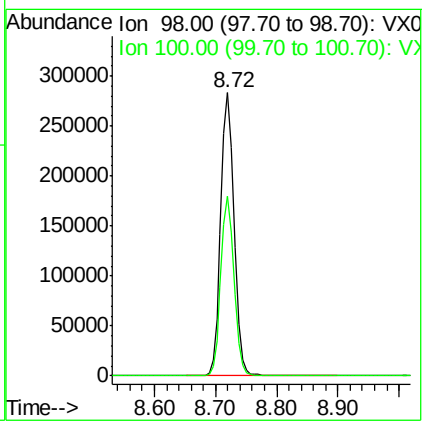


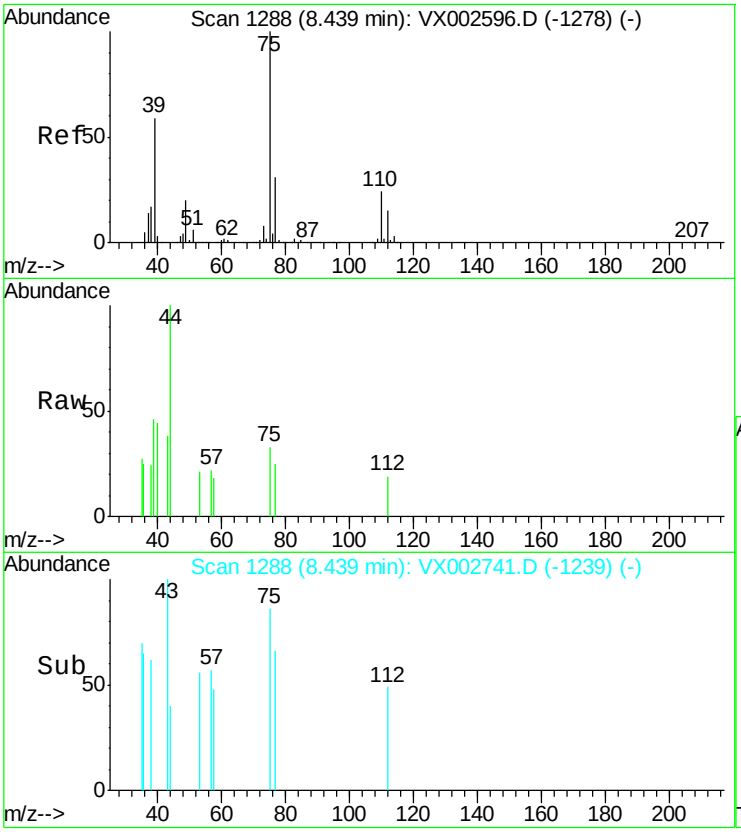


#50
Toluene-d8
Concen: 47.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 98 Resp: 434199

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.9	76.3



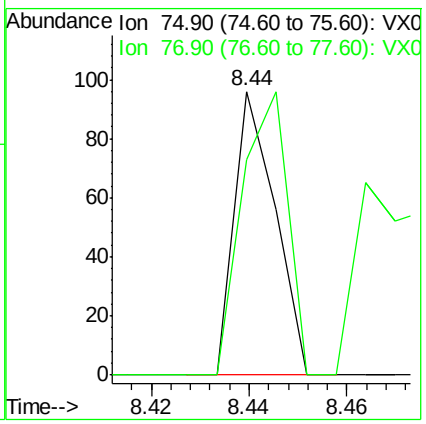


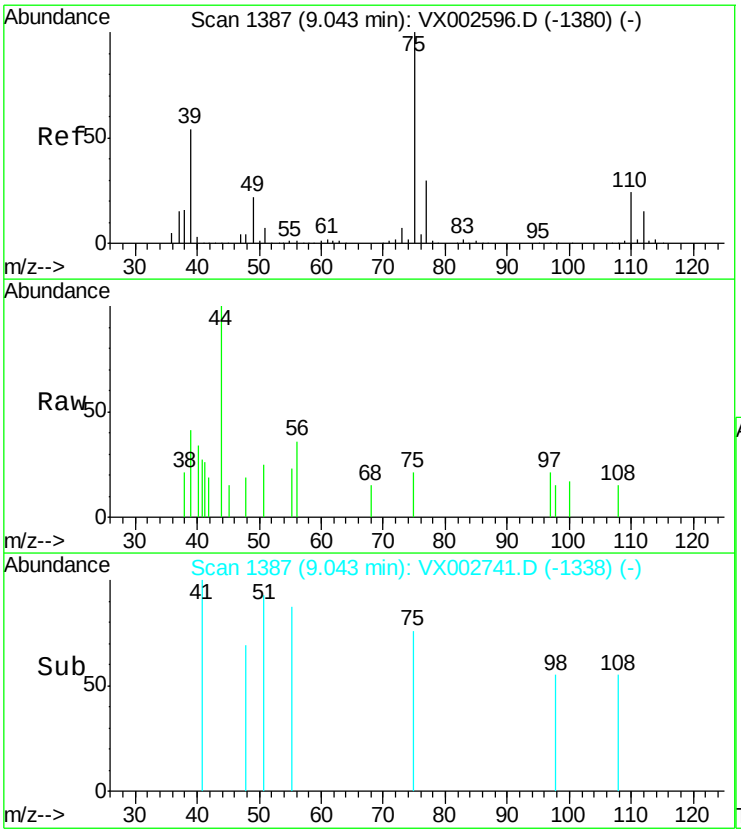
#53
t-1,3-Dichloropropene
Concen: 2.41 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56

Ion	Ratio	Lower	Upper
75	100		
77	76.0	25.4	38.2#

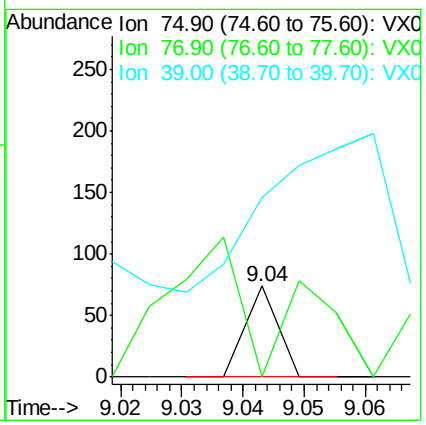


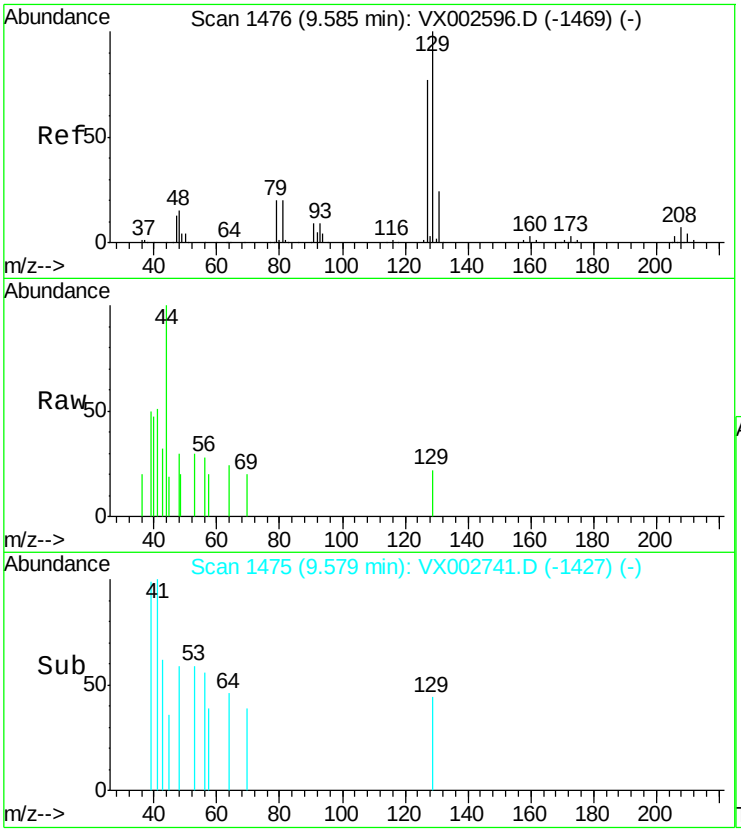


#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 75 Resp: 27

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	104.1	42.4	63.6#



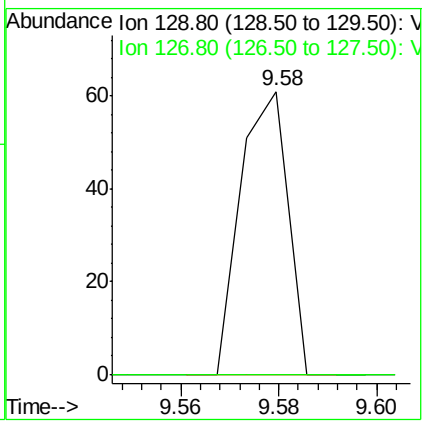


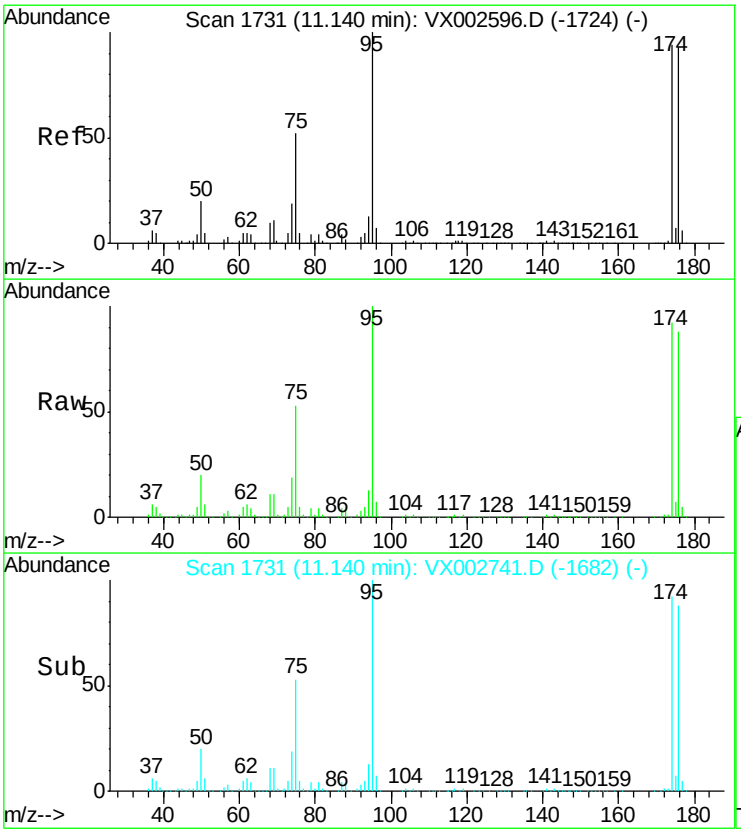
#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.58 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 41

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

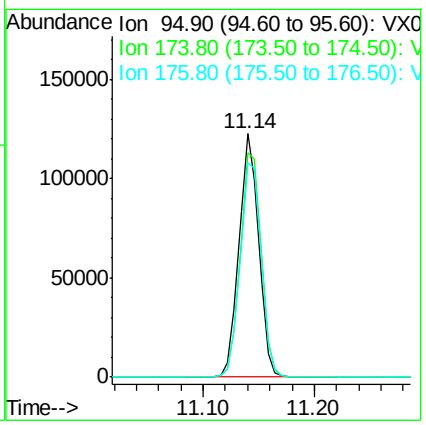


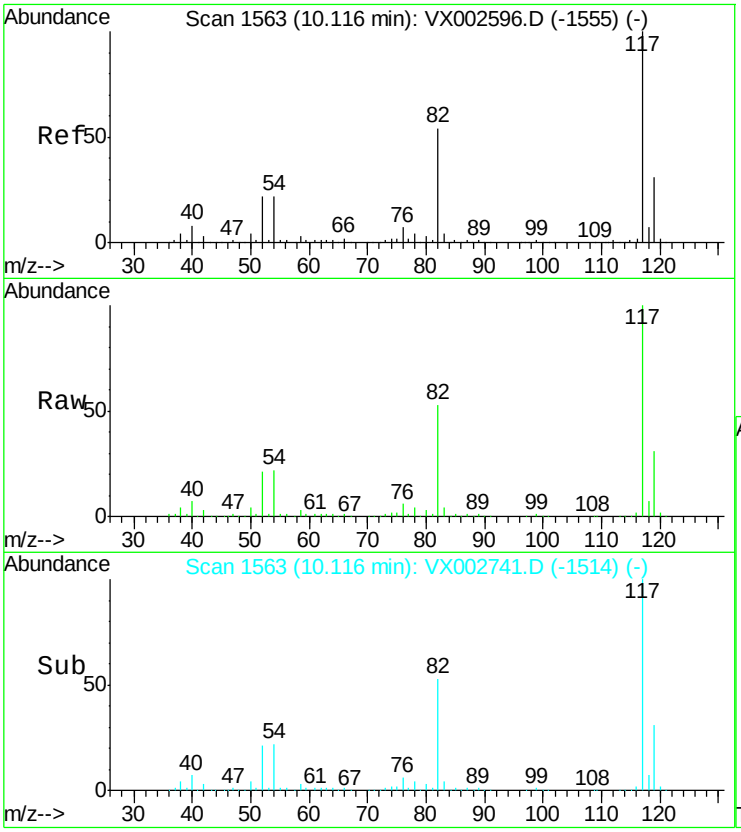


#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 95 Resp: 150395

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	187.4
176	94.0	0.0	181.0



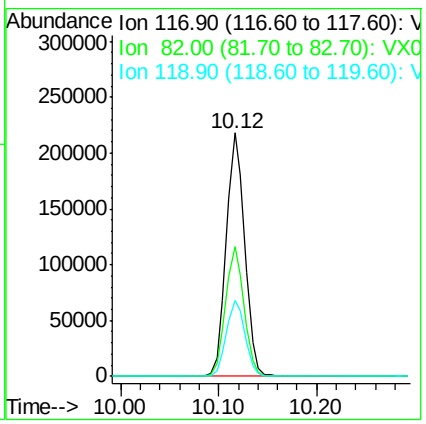


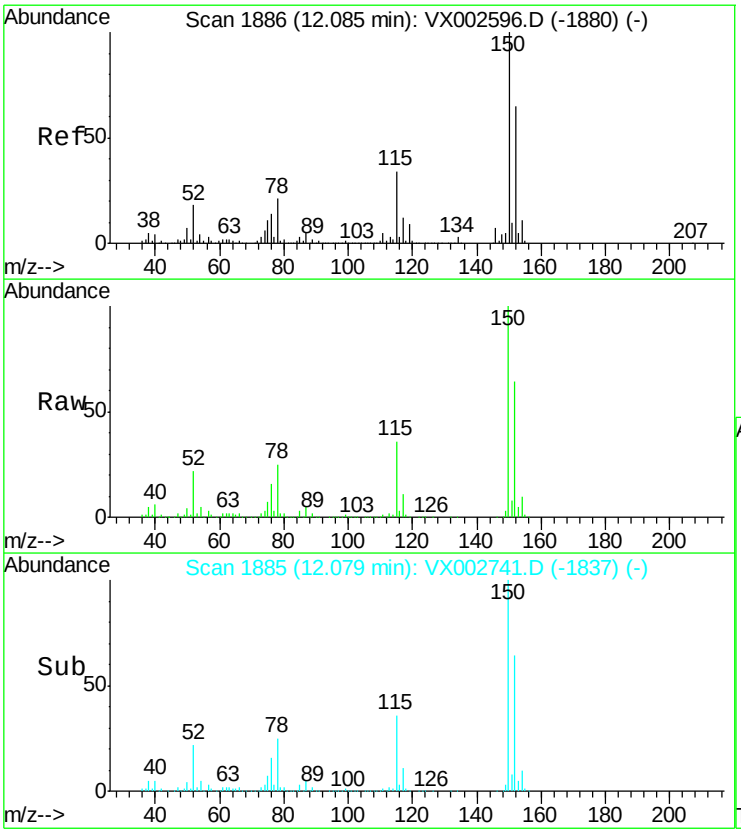
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 286406

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	31.4	25.8	38.6

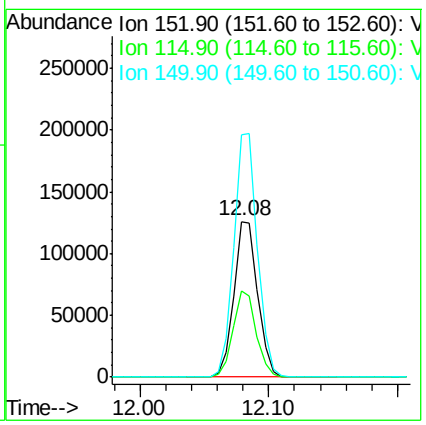


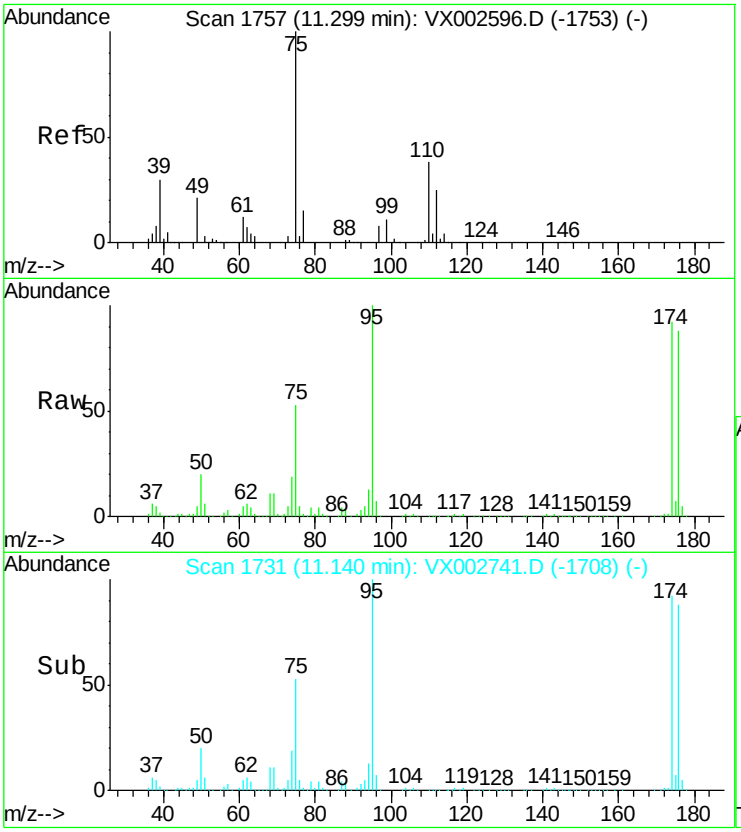


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion:152 Resp: 161017

Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	156.4	0.0	347.2



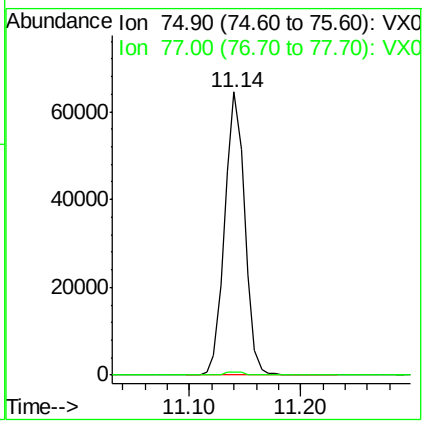


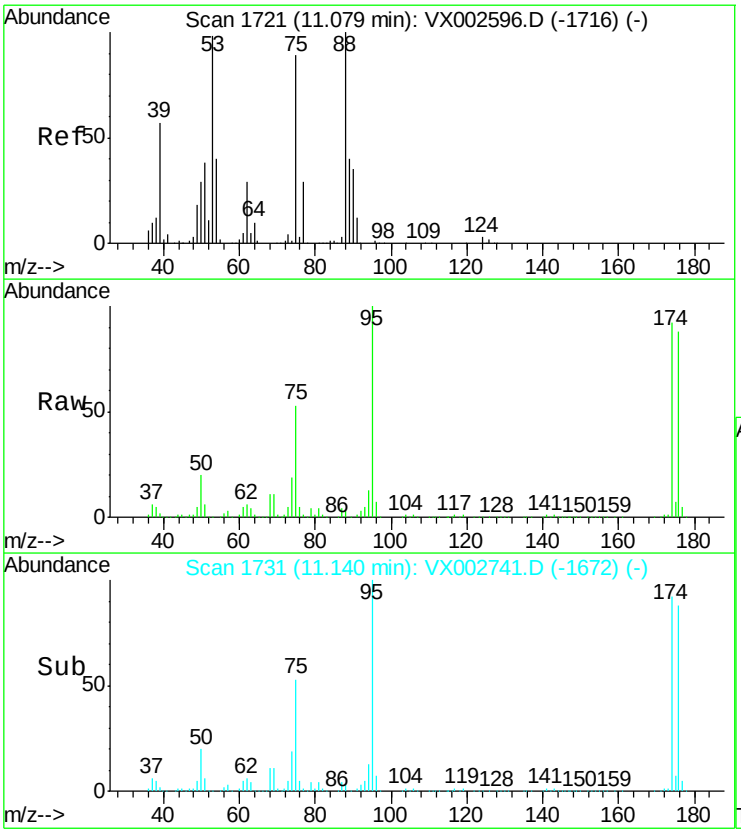
#76
1,2,3-Trichloropropane
Concen: 26.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 80320

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

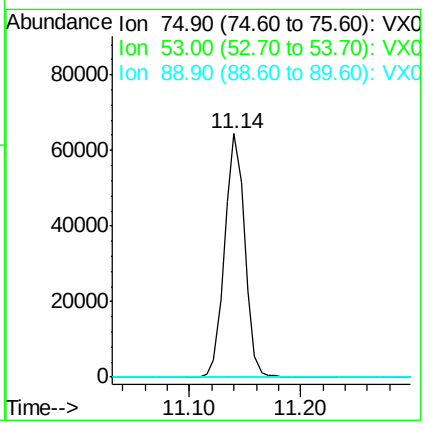


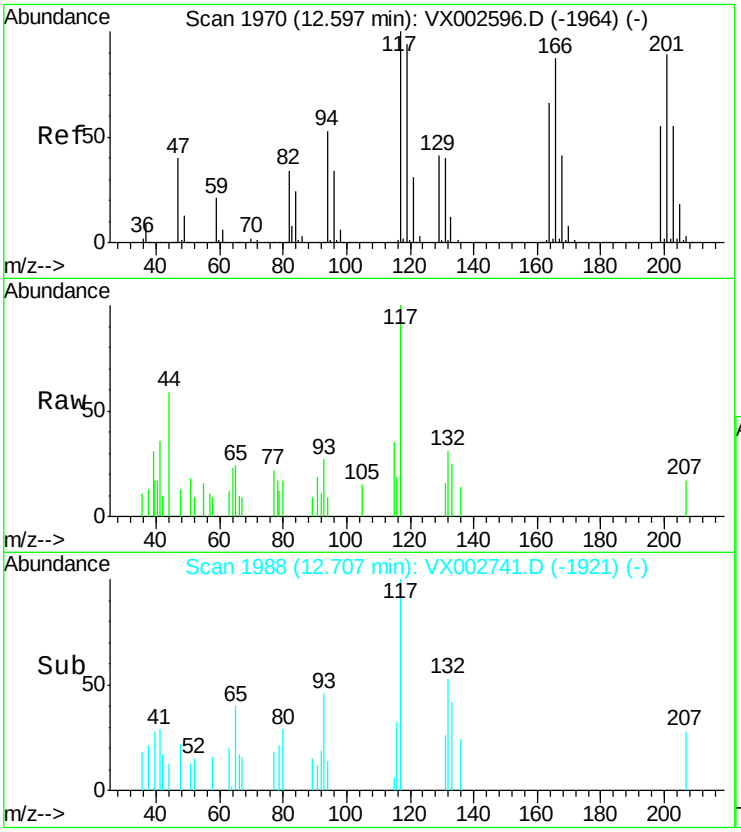


#81
trans-1,4-Dichloro-2-butene
Concen: 81.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion: 75 Resp: 80320

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#



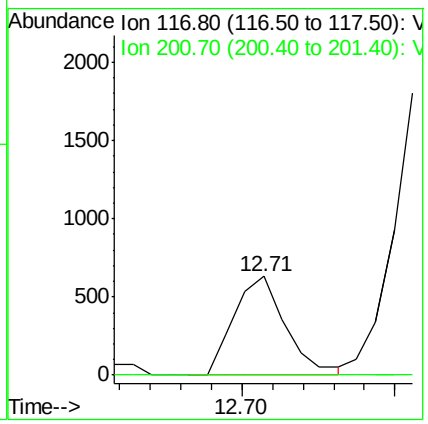


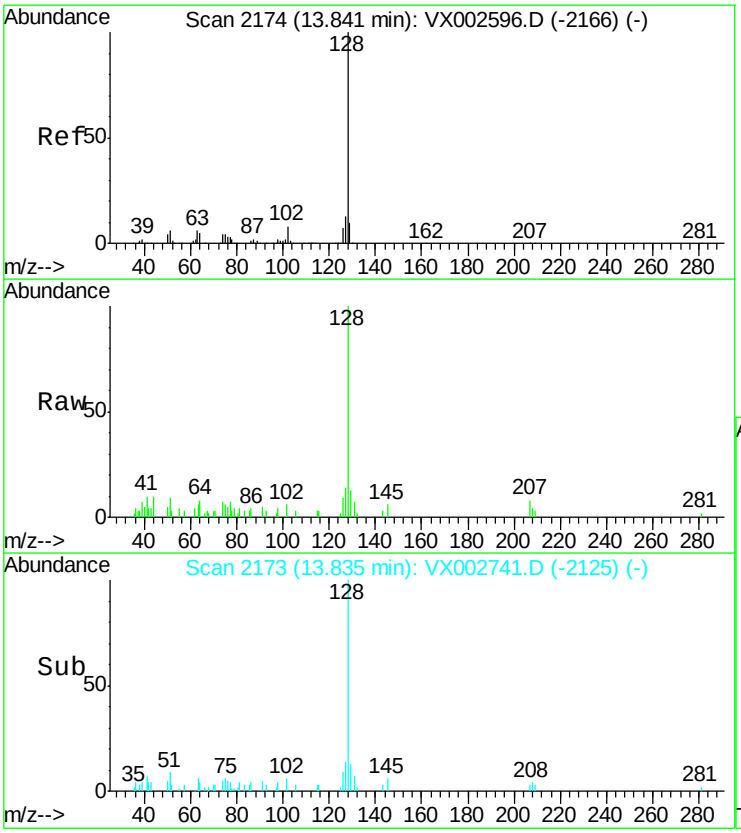
#90
Hexachloroethane
Concen: 3.08 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 739

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 0.35 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002741.D
Acq: 20 Jun 2018 15:01

Tgt Ion:128 Resp: 3744

Ion	Ratio	Lower	Upper
128	100		
127	19.0	10.4	15.6#
129	14.0	8.6	13.0#