Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002762.D
Acq On : 21 Jun 2018 01:12
Operator : JC/MD
Sample : PB110408ZHE#01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 21 05:56:01 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	220781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149491	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.12%			
35) Dibromofluoromethane	5.51	113	121421	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.28%			
50) Toluene-d8	8.72	98	445859	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.04%			
62) 4-Bromofluorobenzene	11.14	95	155845	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.66%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	1722	0.99	ug/l #	79
6) Chloroethane	1.72	64	747	0.39	ug/l #	68
10) Methyl Iodide	2.52	142	3606	6.09	ug/l	95
11) Tert butyl alcohol	3.09	59	181	0.26	ug/l #	73
13) Acrolein	2.29	56	206	7.48	ug/l #	1
16) Acetone	2.45	43	9109	6.15	ug/l	94
17) Carbon Disulfide	2.57	76	2366	0.40	ug/l #	82
18) Methyl Acetate	2.78	43	21811	5.53	ug/l	98
20) Methylene Chloride	2.86	84	10236	3.37	ug/l	96
25) 2-Butanone	4.72	43	2140	1.10	ug/l #	82
29) Tetrahydrofuran	5.17	42	607	0.48	ug/l	96
36) 1,1-Dichloropropene	5.67	75	15264	4.64	ug/l #	51
38) Carbon Tetrachloride	5.67	117	21016	6.42	ug/l #	15
51) 4-Methyl-2-Pentanone	8.65	43	1206	0.30	ug/l #	77
53) t-1,3-Dichloropropene	8.44	75	143	2.43	ug/l #	43
54) cis-1,3-Dichloropropene	9.04	75	181	3.26	ug/l #	81
60) Dibromochloromethane	9.34	129	209	3.83	ug/l #	11
65) Chlorobenzene	10.14	112	4173	0.59	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	82806	26.20	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	82806	81.00	ug/l #	7
90) Hexachloroethane	12.60	117	53	2.66	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	384	0.55	ug/l #	1

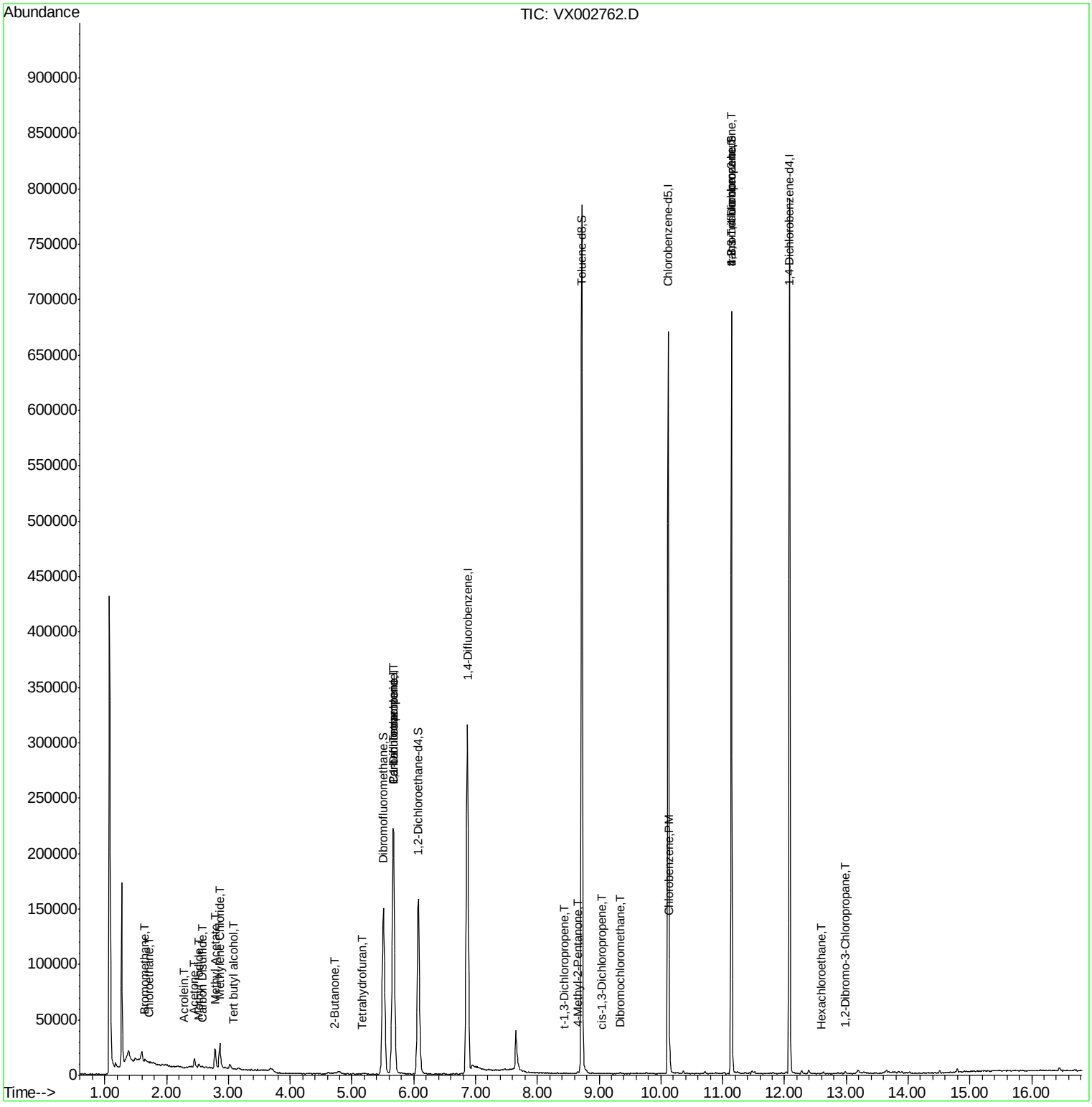
(#) = qualifier out of range (m) = manual integration (+) = signals summed

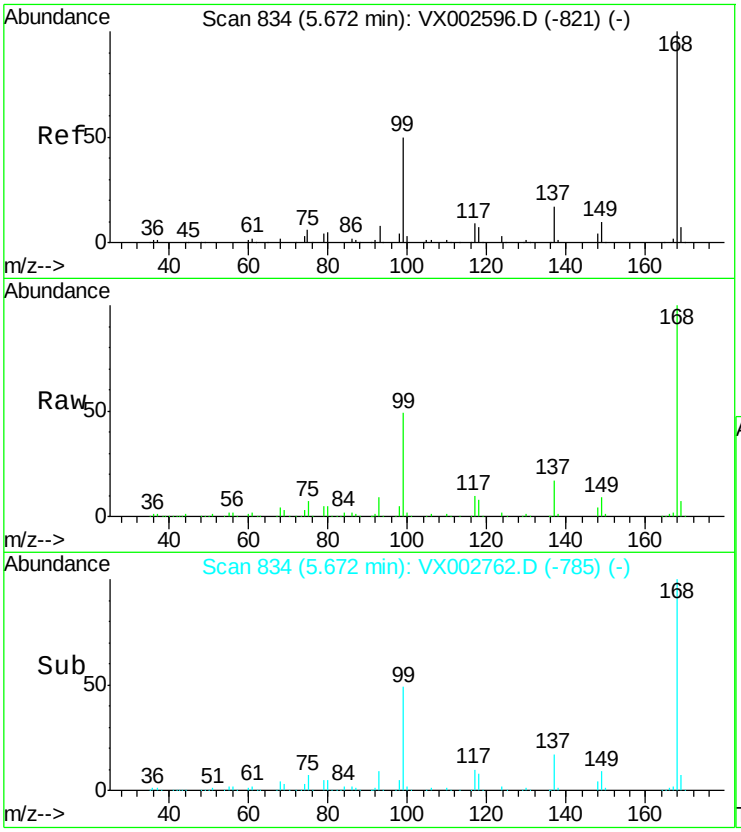
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002762.D
Acq On : 21 Jun 2018 01:12
Operator : JC/MD
Sample : PB110408ZHE#01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 05:56:01 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



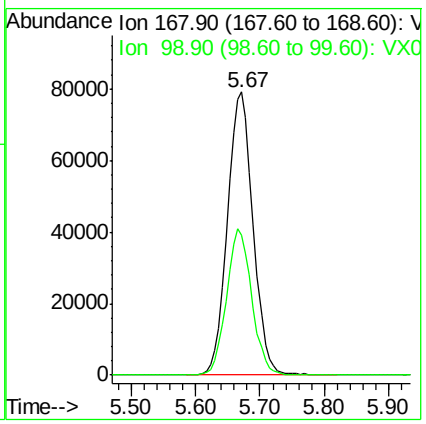


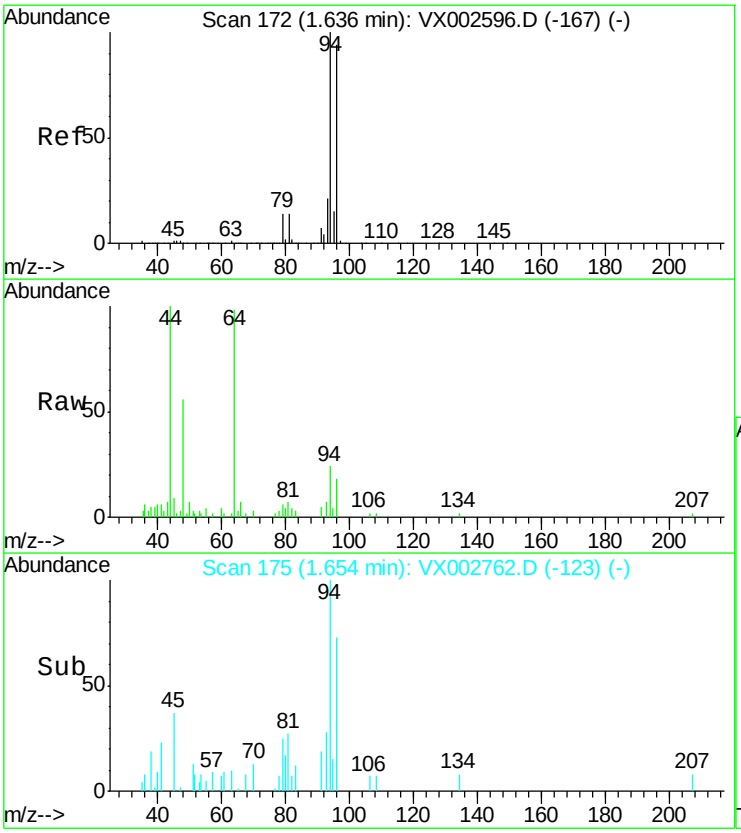
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 220781

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.3	58.9

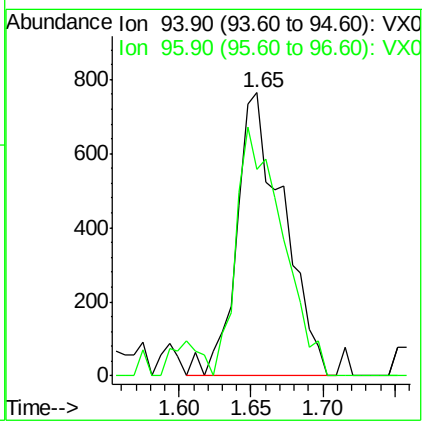


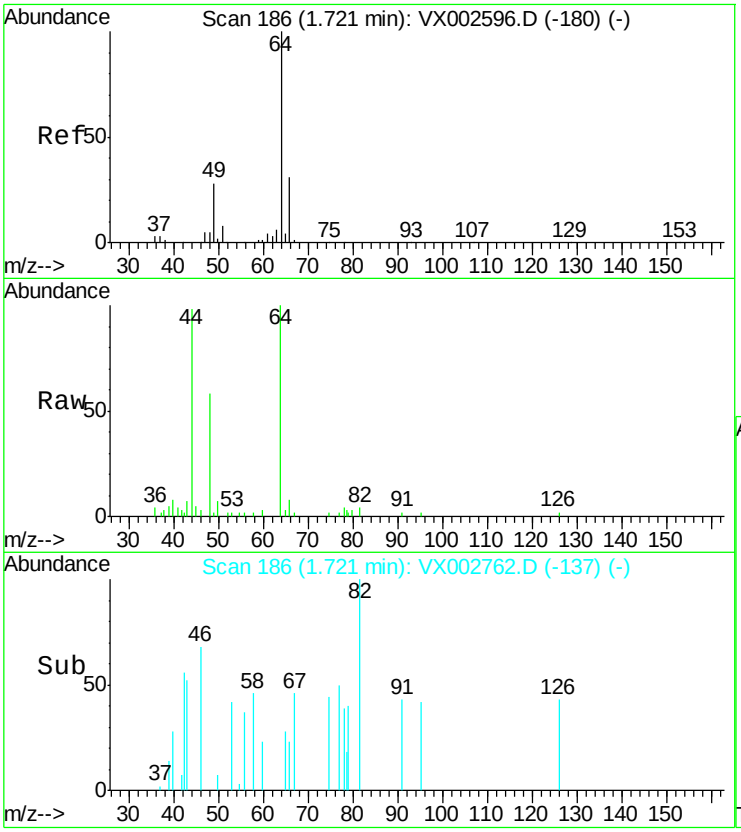


#5
Bromomethane
Concen: 0.99 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 94 Resp: 1722

Ion	Ratio	Lower	Upper
94	100		
96	73.0	74.9	112.3#



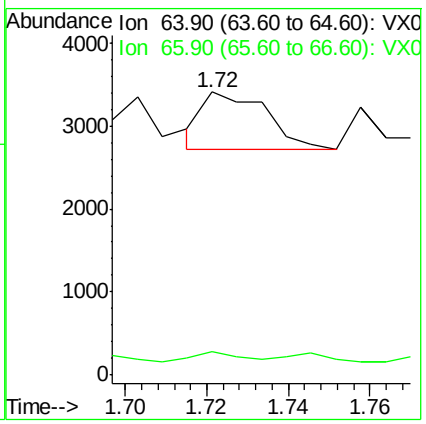


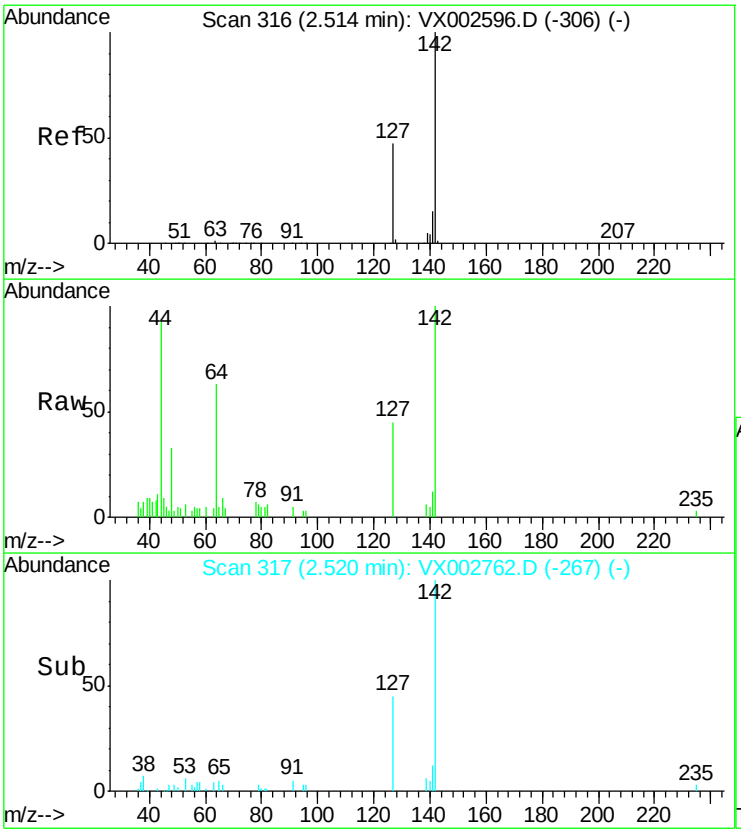
#6
Chloroethane
Concen: 0.39 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 747

Ion	Ratio	Lower	Upper
64	100		
66	14.1	25.5	38.3#

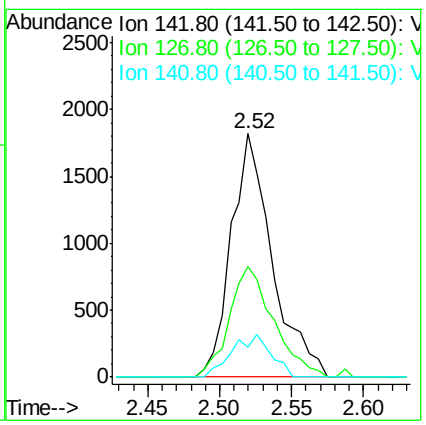


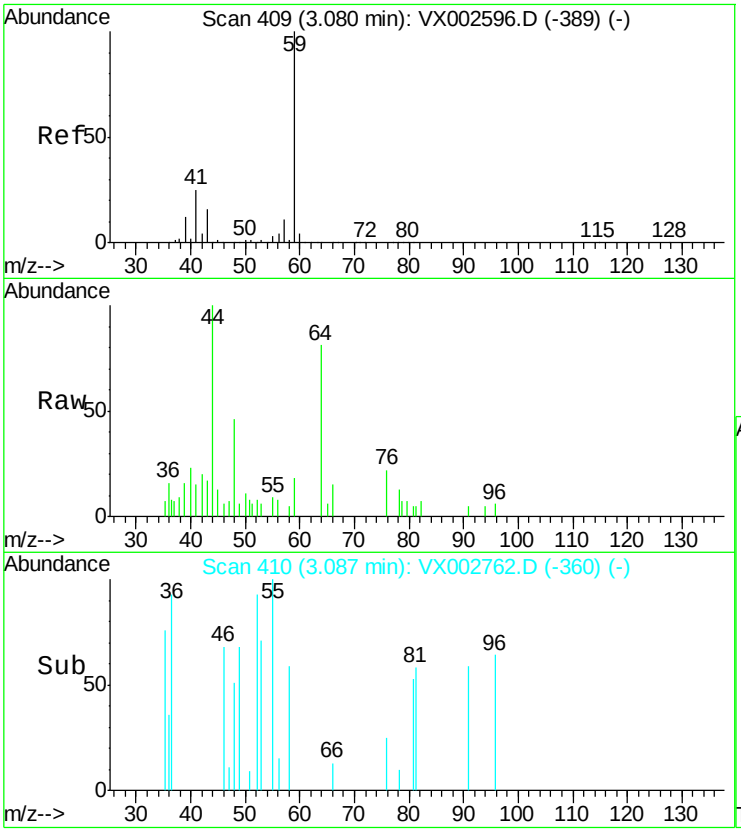


#10
Methyl Iodide
Concen: 6.09 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion:142 Resp: 3606

Ion	Ratio	Lower	Upper
142	100		
127	48.8	36.6	55.0
141	16.6	11.3	16.9



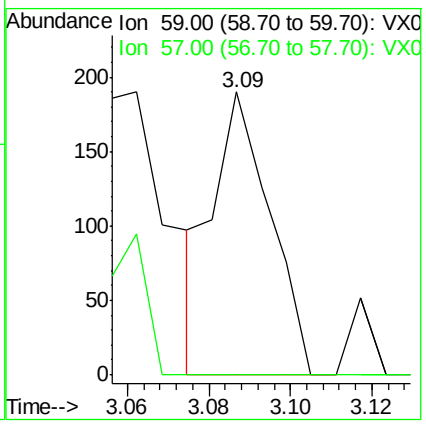


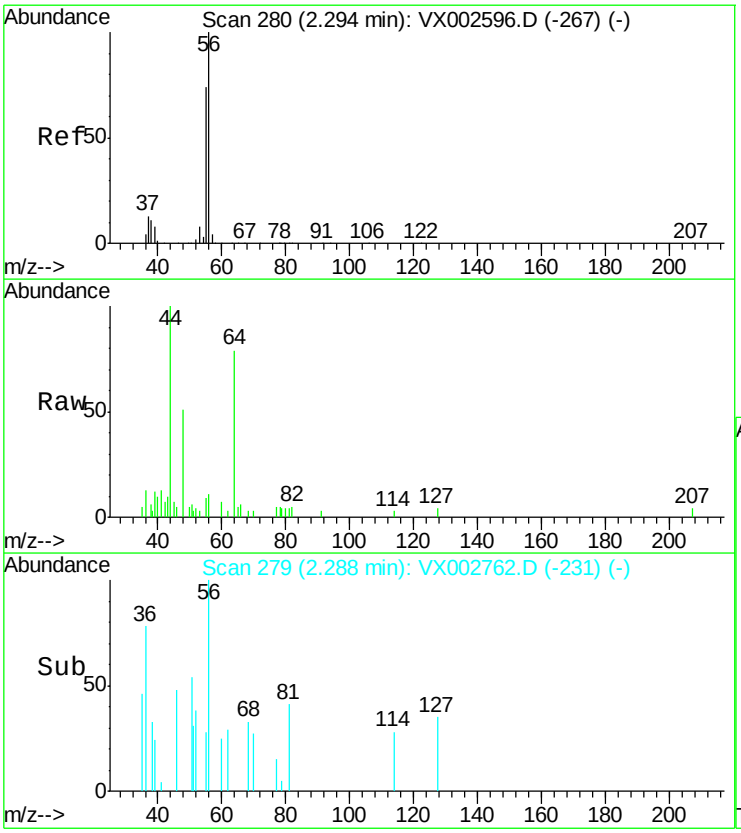
#11
Tert butyl alcohol
Concen: 0.26 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 181

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

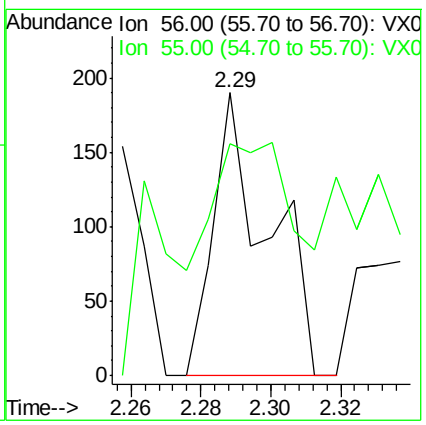


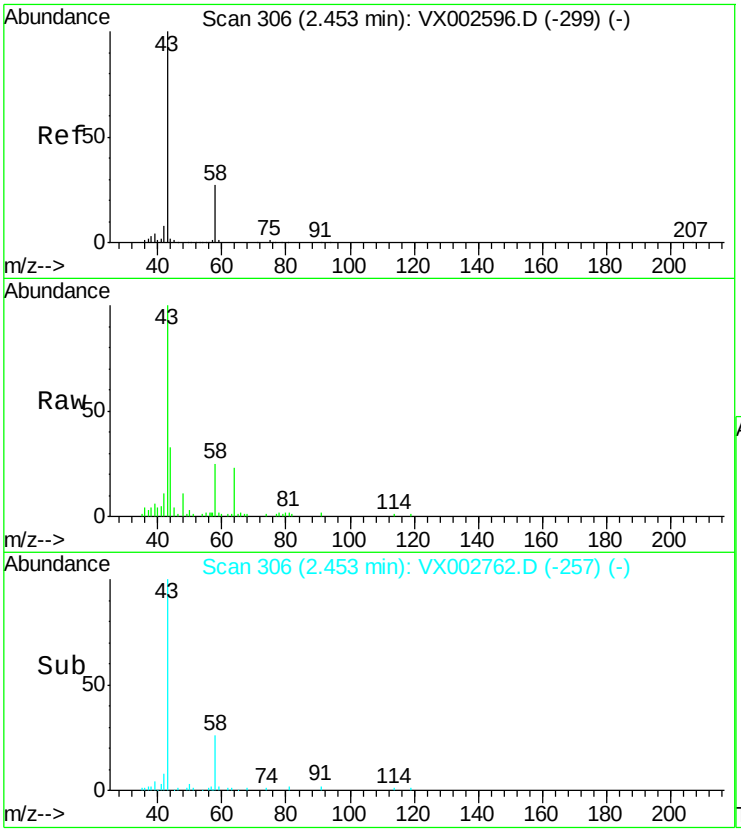


#13
Acrolein
Concen: 7.48 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 56 Resp: 206

Ion	Ratio	Lower	Upper
56	100		
55	183.5	57.0	85.4#



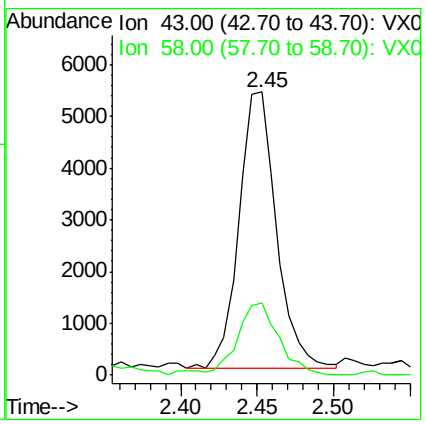


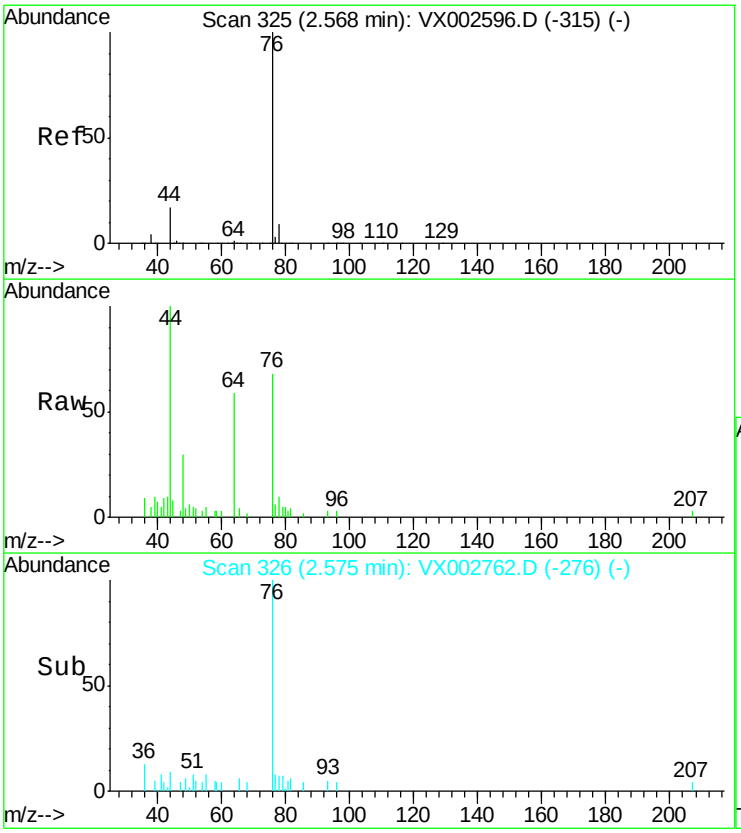
#16
Acetone
Concen: 6.15 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9109

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.1	33.1

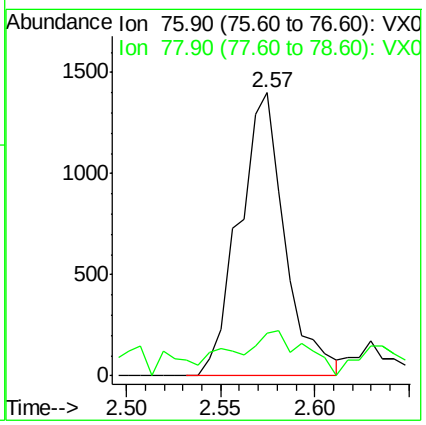


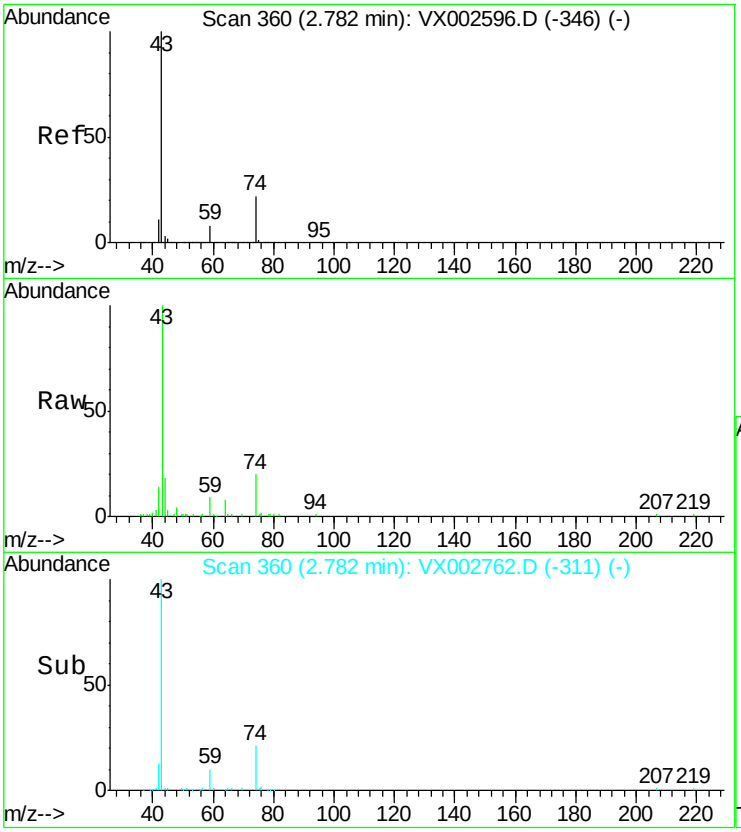


#17
Carbon Disulfide
Concen: 0.40 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 76 Resp: 2366

Ion	Ratio	Lower	Upper
76	100		
78	15.1	6.9	10.3#



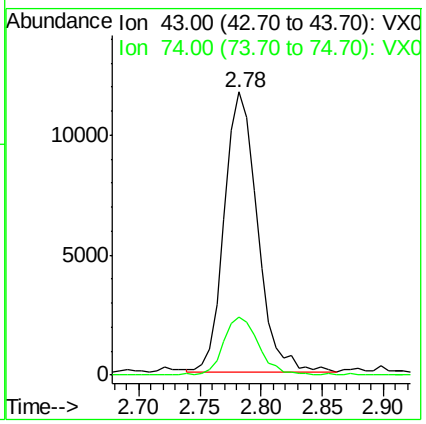


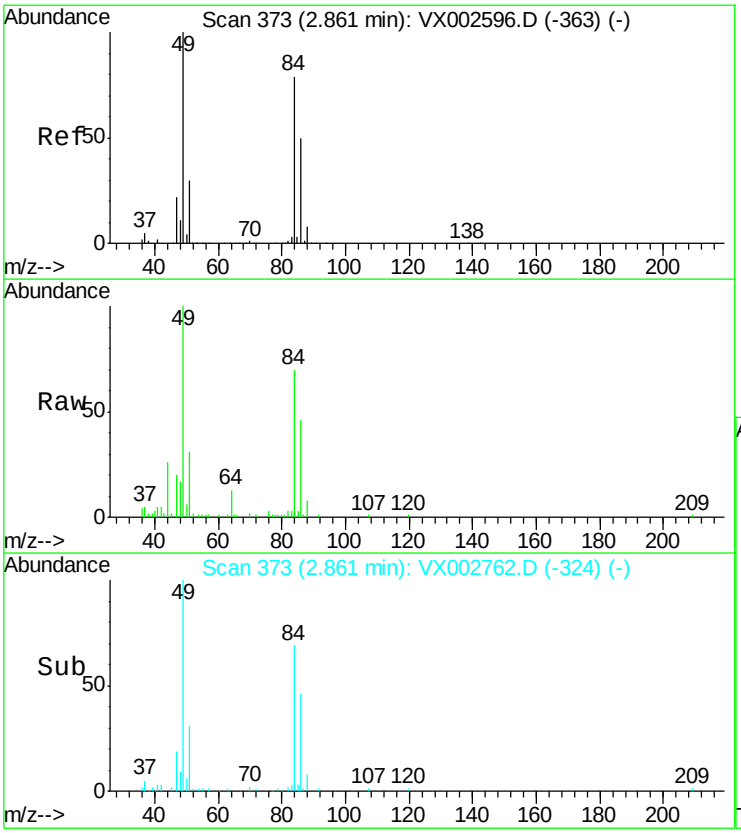
#18
Methyl Acetate
Concen: 5.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21811

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1

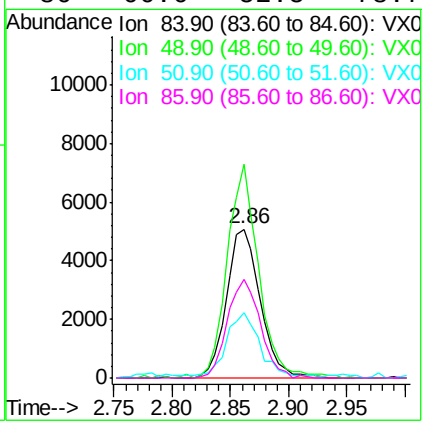


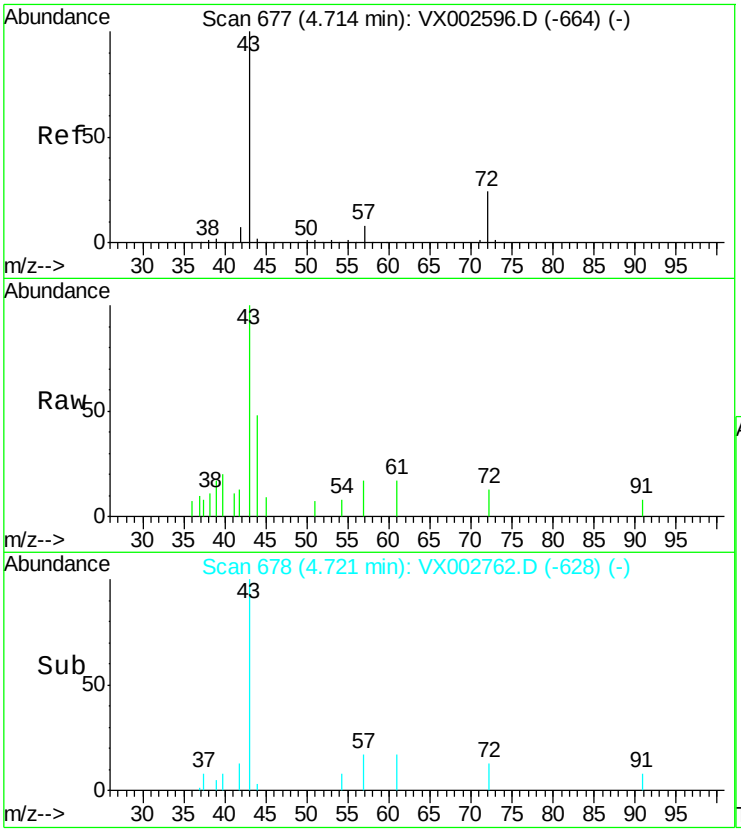


#20
Methylene Chloride
Concen: 3.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 84 Resp: 10236

Ion	Ratio	Lower	Upper
84	100		
49	142.0	107.8	161.6
51	42.1	32.8	49.2
86	66.6	52.5	78.7



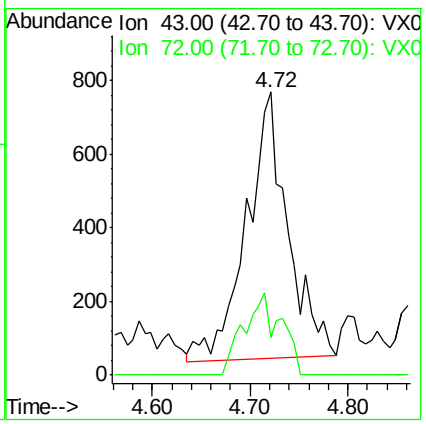


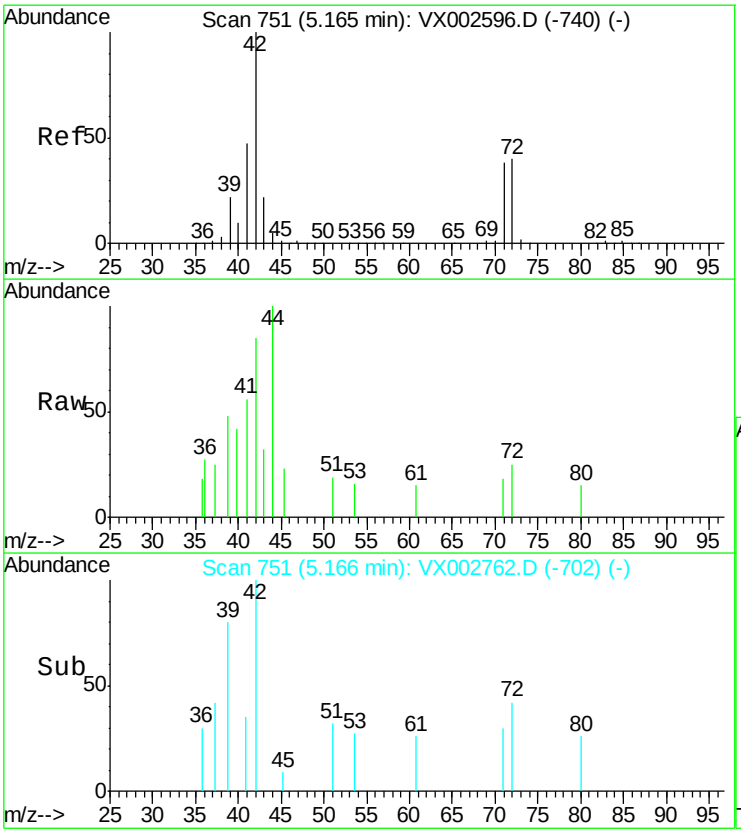
#25
2-Butanone
Concen: 1.10 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2140

Ion	Ratio	Lower	Upper
43	100		
72	14.4	18.5	27.7#

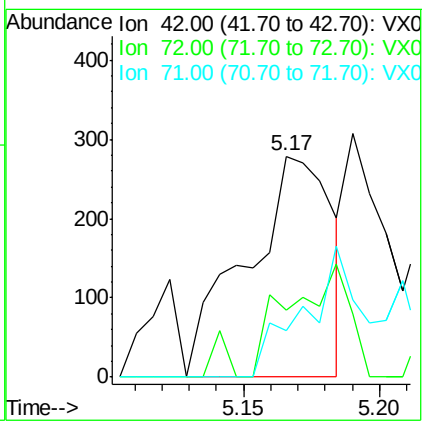


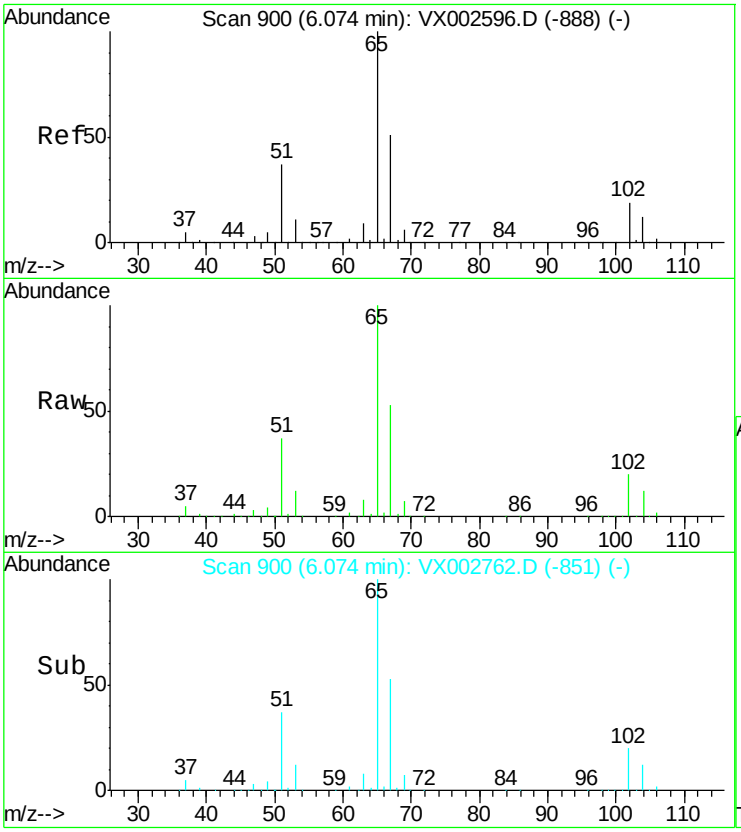


#29
Tetrahydrofuran
Concen: 0.48 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 42 Resp: 607

Ion	Ratio	Lower	Upper
42	100		
72	36.1	32.0	48.0
71	37.1	30.1	45.1



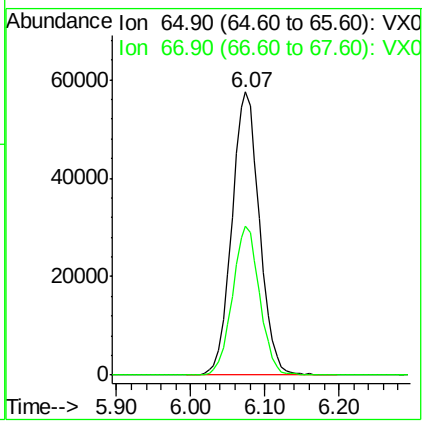


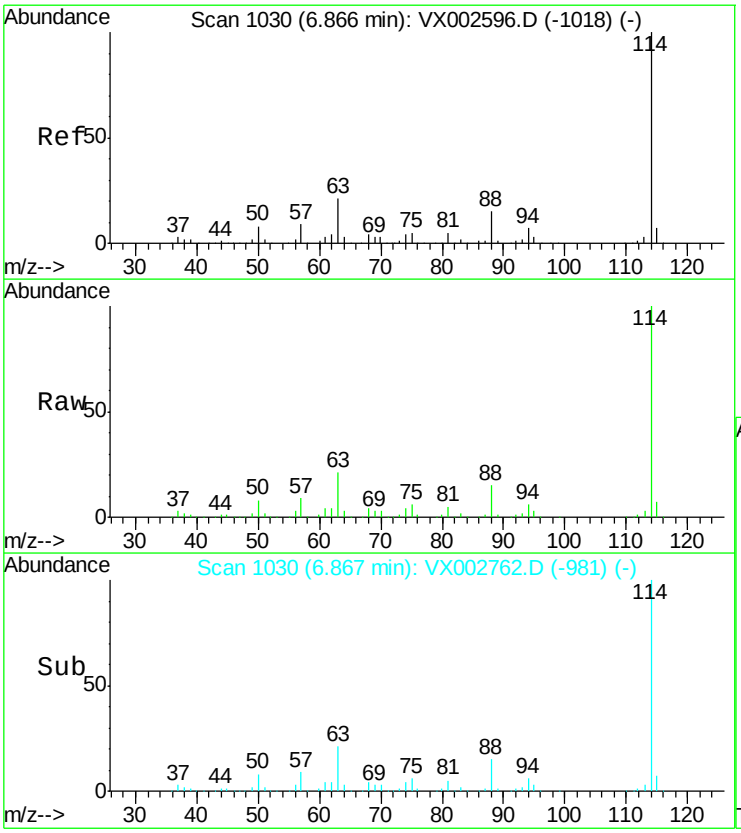
#33
1,2-Dichloroethane-d4
Concen: 44.56 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 149491

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

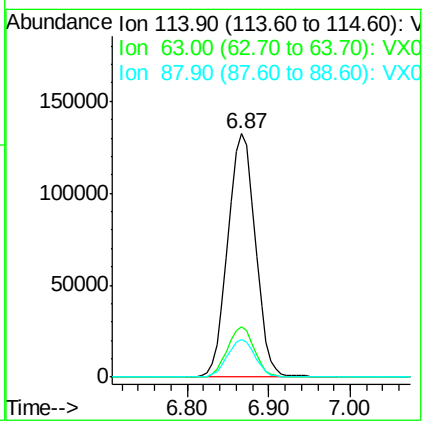


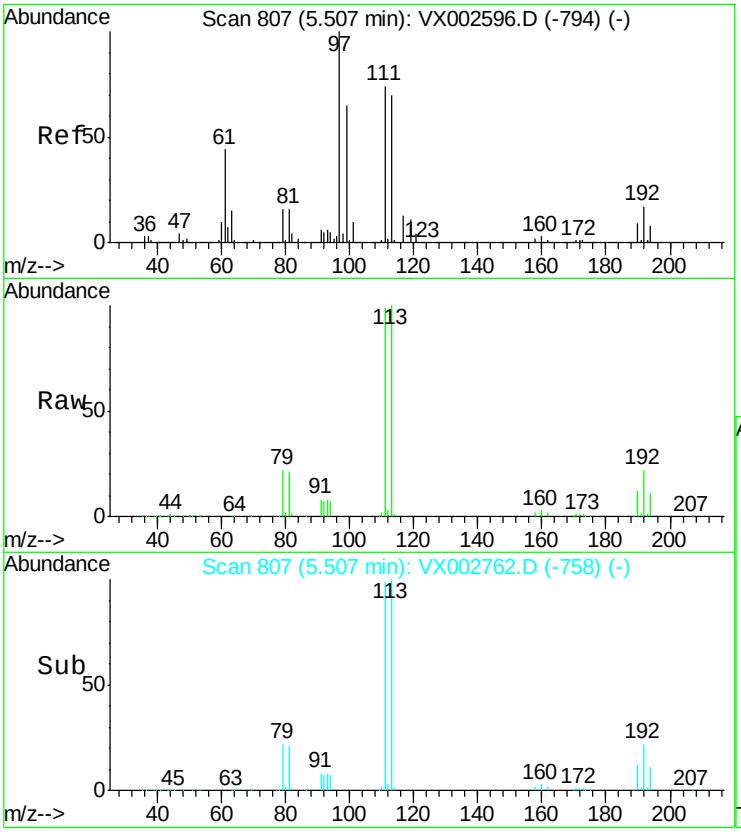


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion:114 Resp: 309627

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.3	0.0	30.0



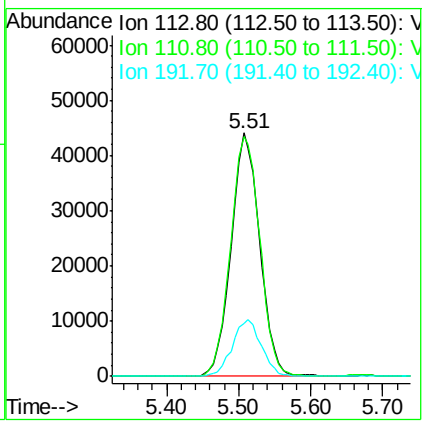


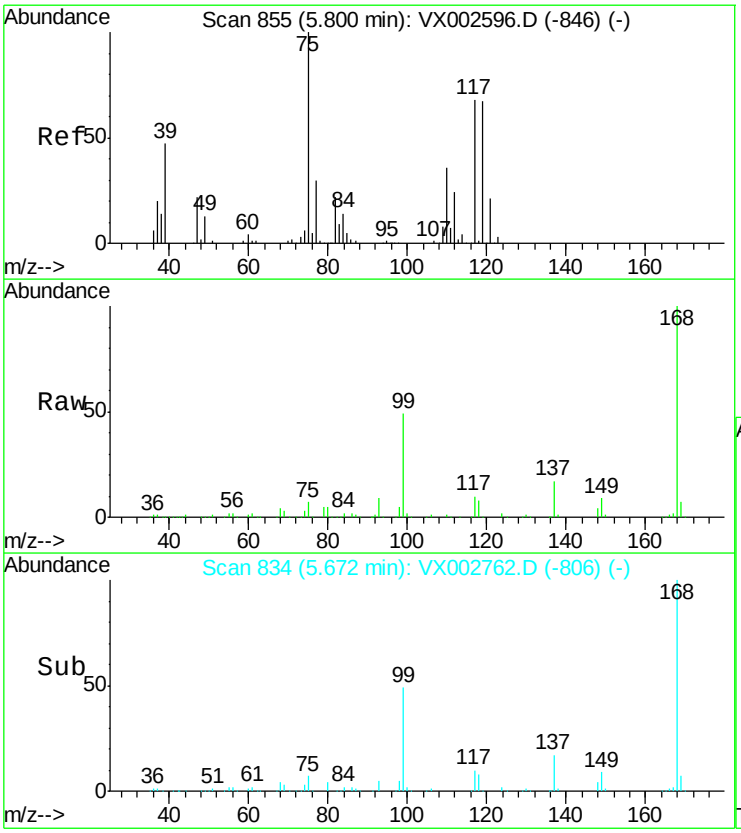
#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 121421

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.6	19.1	28.7

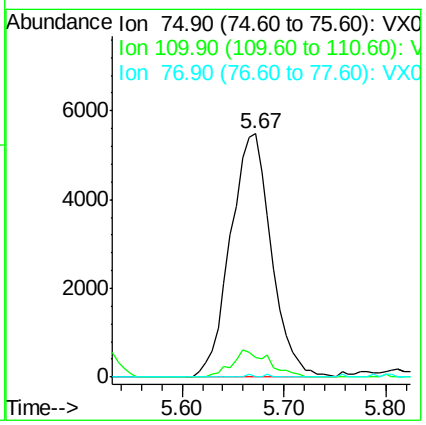


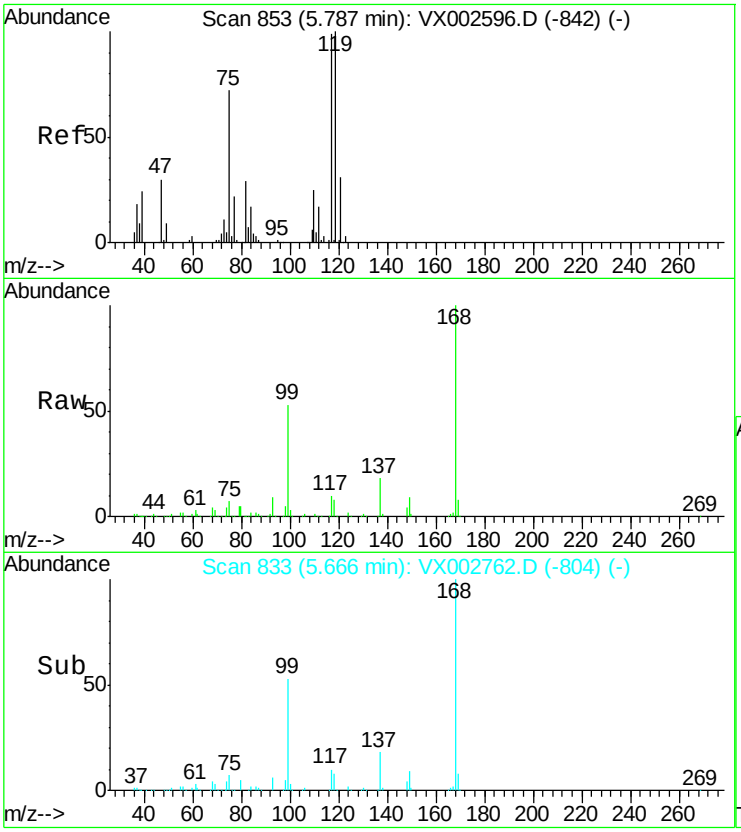


#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 75 Resp: 15264

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.2	24.3	36.5#



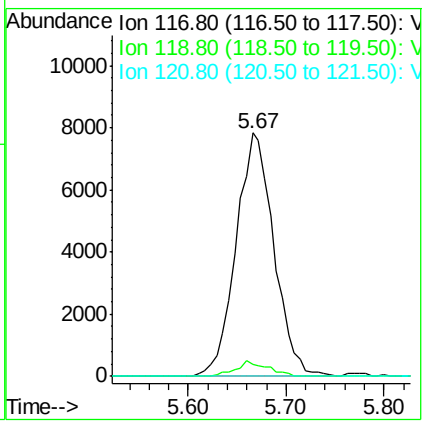


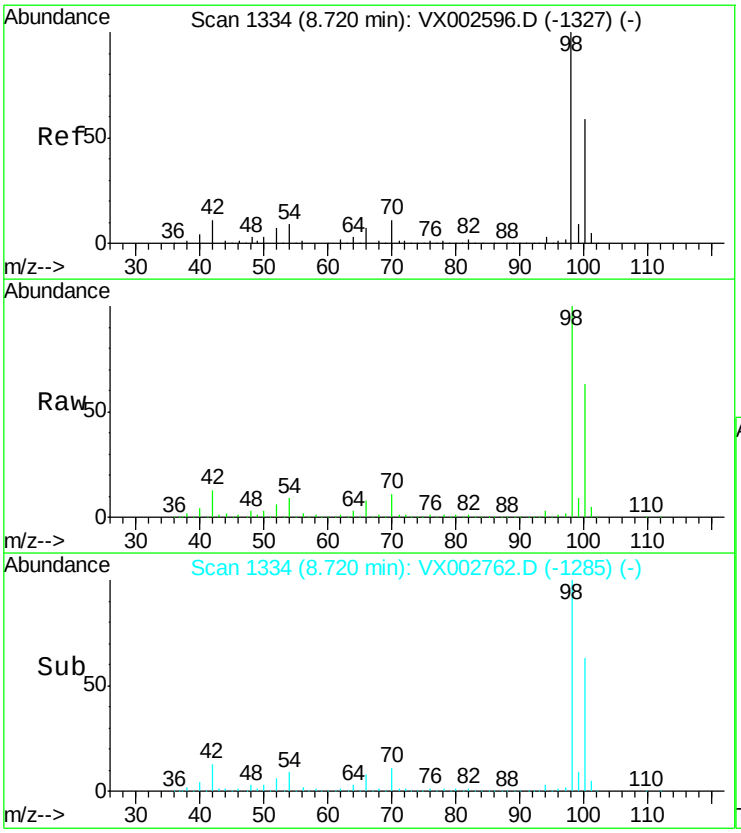
#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21016

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#

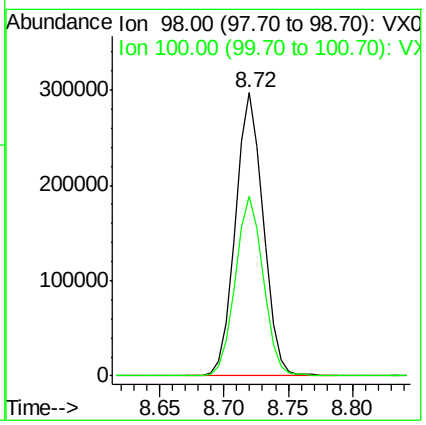


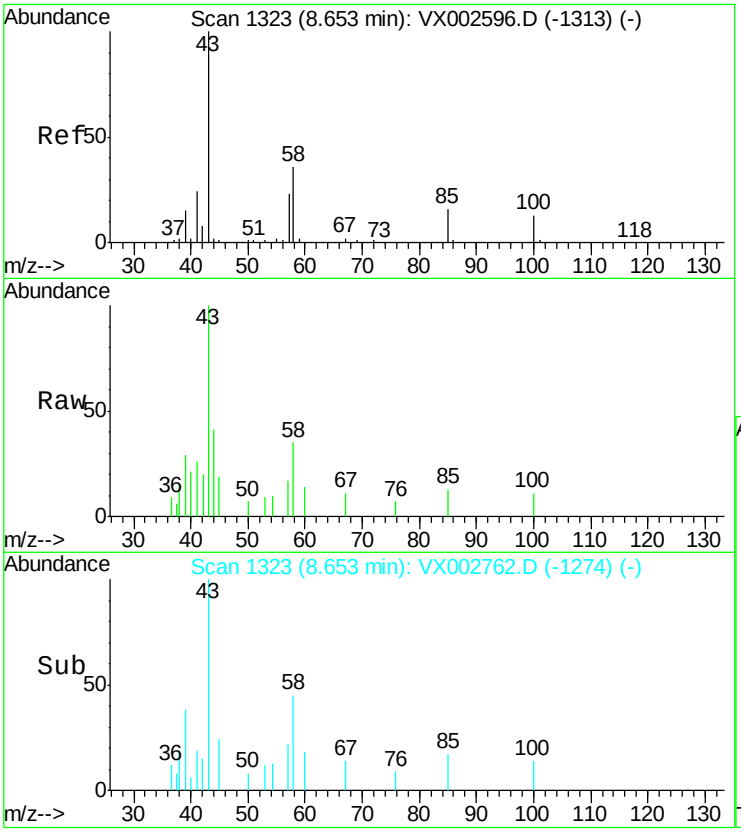


#50
Toluene-d8
Concen: 47.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 98 Resp: 445859

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



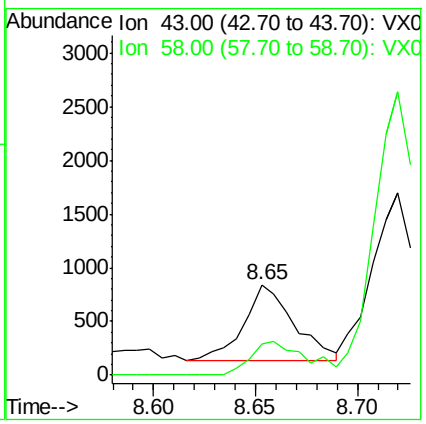


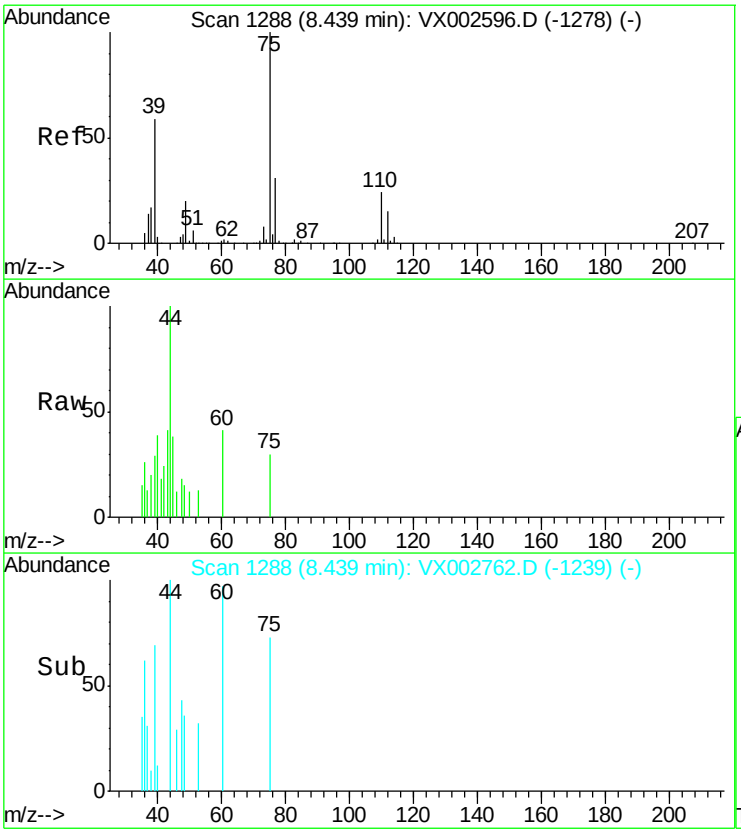
#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1206

Ion	Ratio	Lower	Upper
43	100		
58	49.4	28.6	42.8#

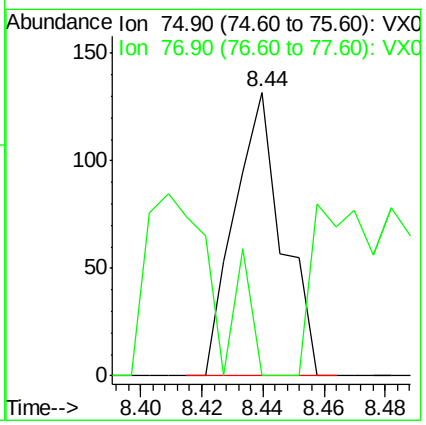


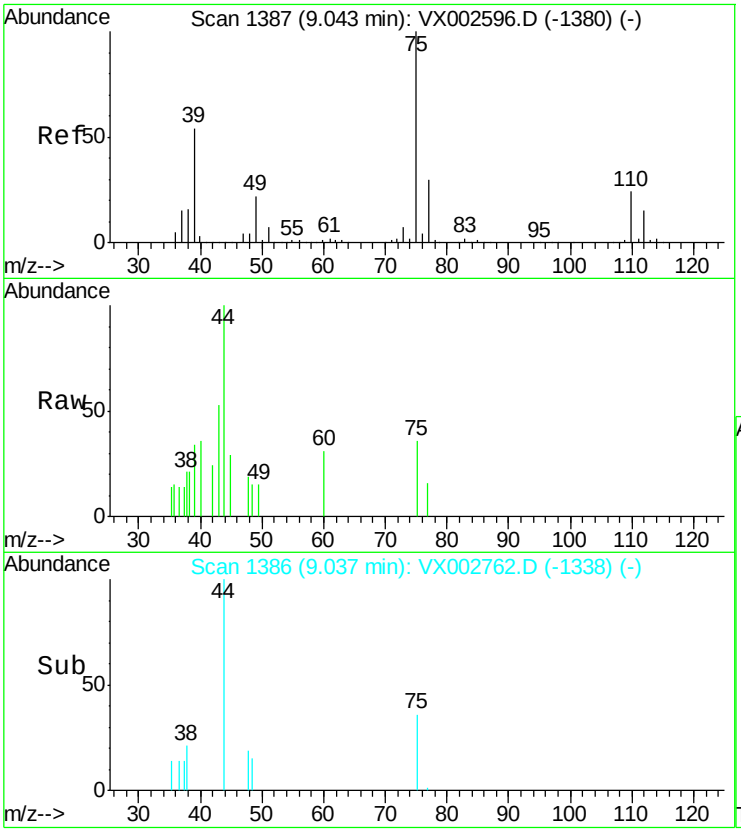


#53
t-1,3-Dichloropropene
Concen: 2.43 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 75 Resp: 143

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



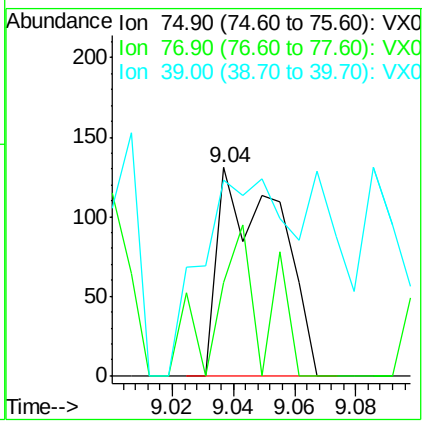


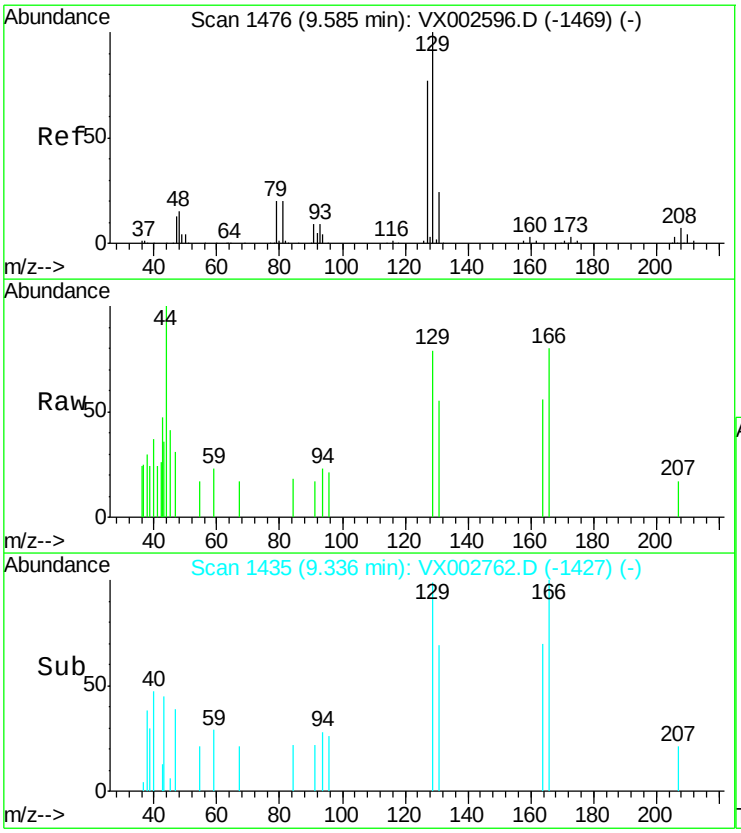
#54
cis-1,3-Dichloropropene
Concen: 3.26 ug/l
RT: 9.04 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 181

Ion	Ratio	Lower	Upper
75	100		
77	45.0	24.8	37.2#
39	42.0	42.4	63.6#

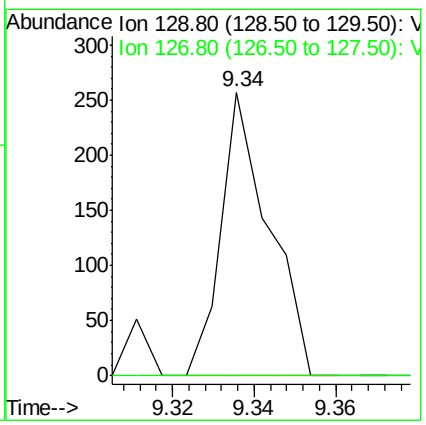


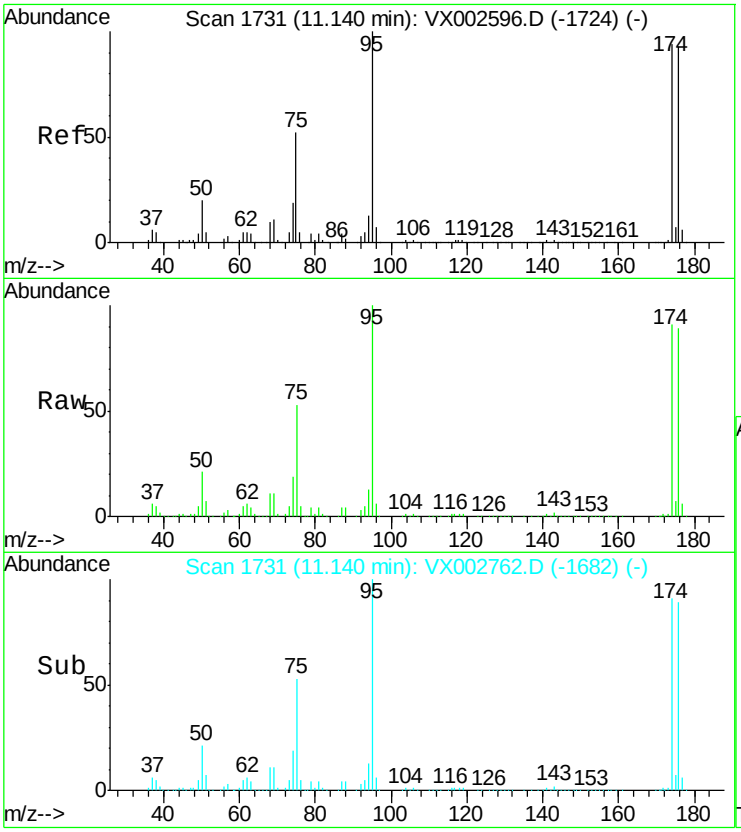


#60
Dibromochloromethane
Concen: 3.83 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion:129 Resp: 209

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



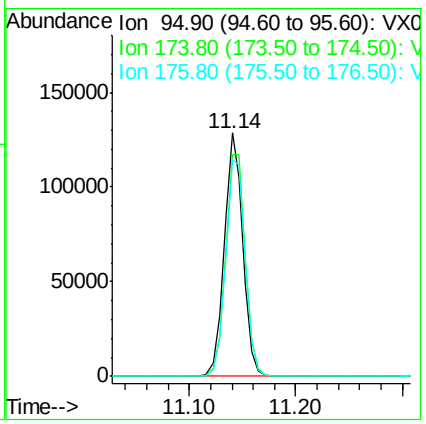


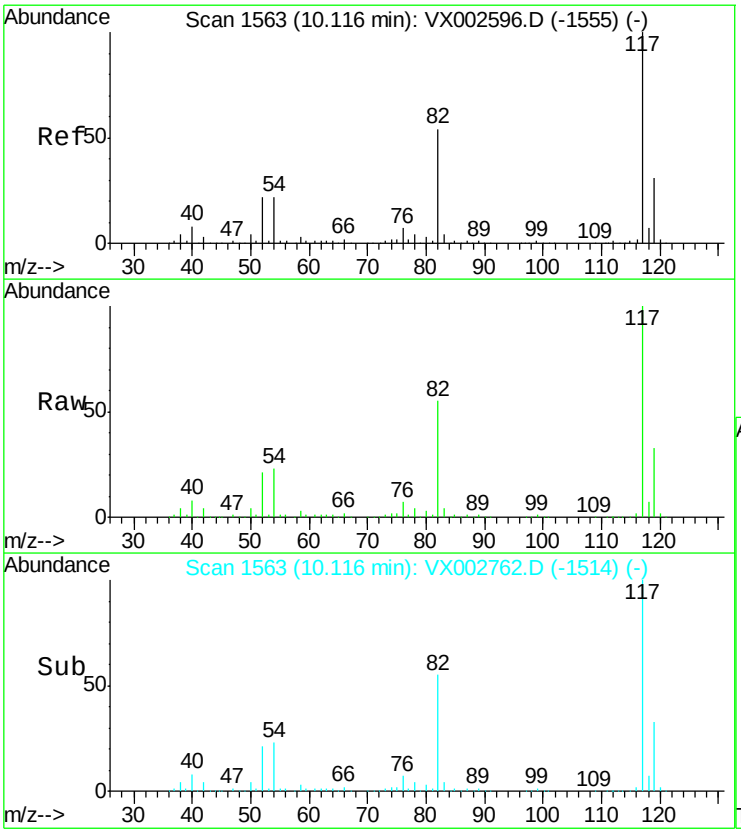
#62
4-Bromofluorobenzene
Concen: 43.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 155845

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	187.4
176	94.5	0.0	181.0

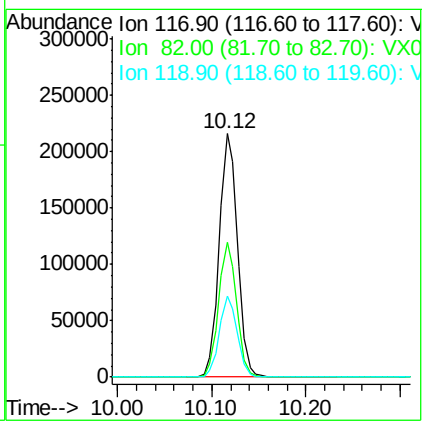


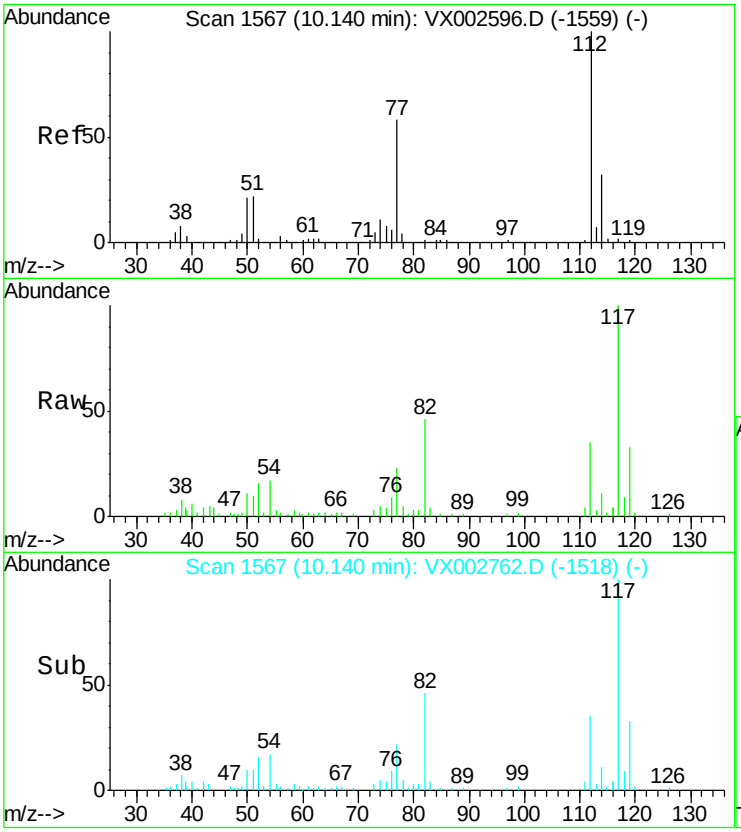


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion:117 Resp: 290017

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	33.2	25.8	38.6



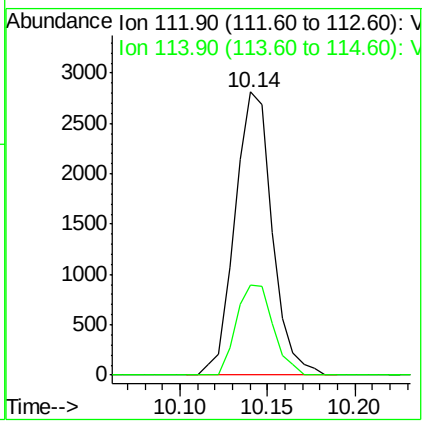


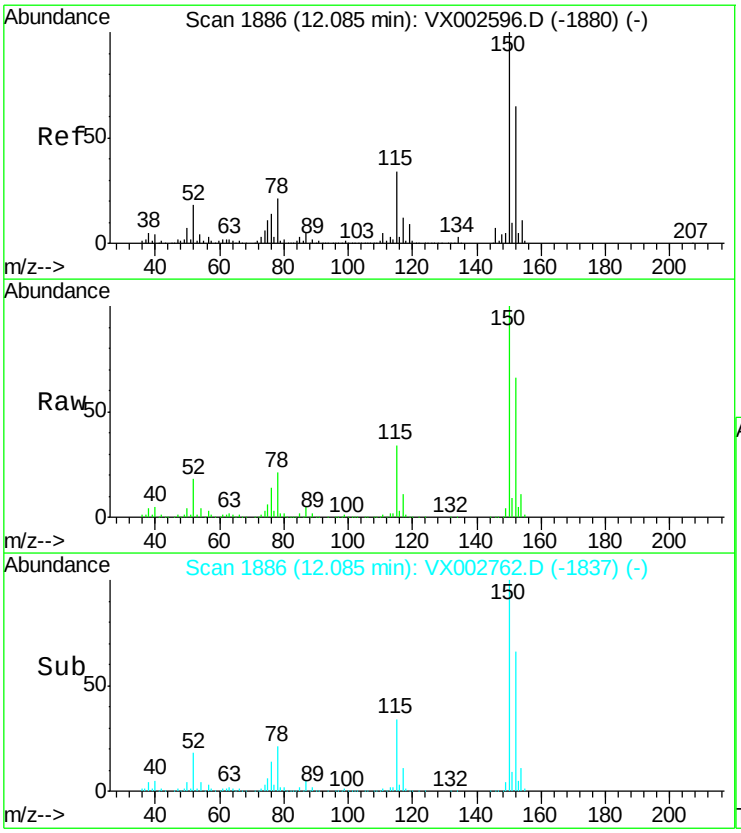
#65
Chlorobenzene
Concen: 0.59 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 4173

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.3	37.9

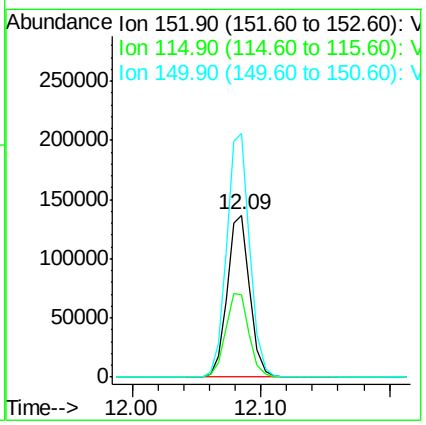


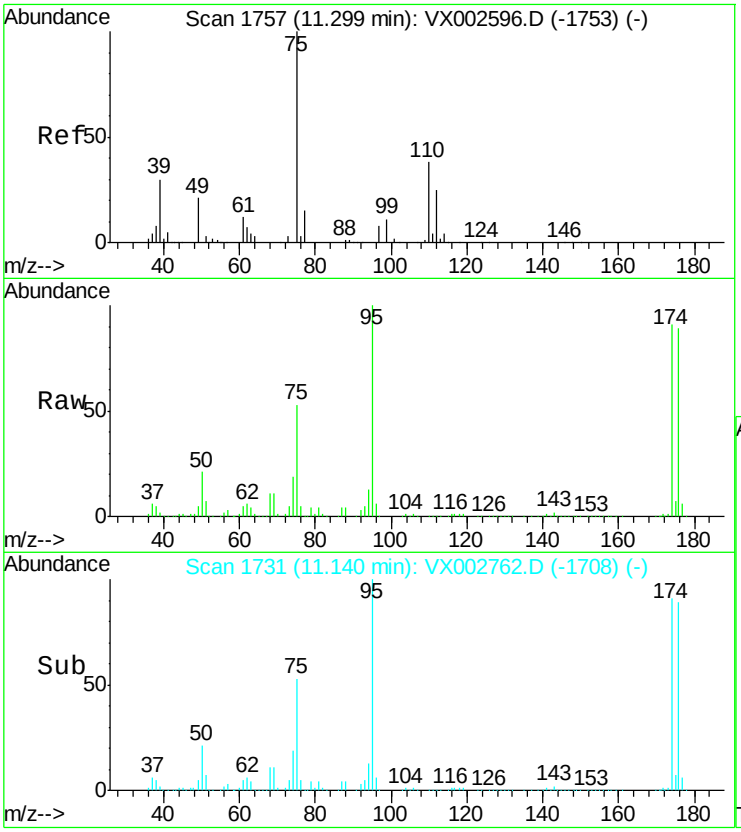


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion:152 Resp: 167507

Ion	Ratio	Lower	Upper
152	100		
115	54.0	40.1	120.2
150	154.1	0.0	347.2



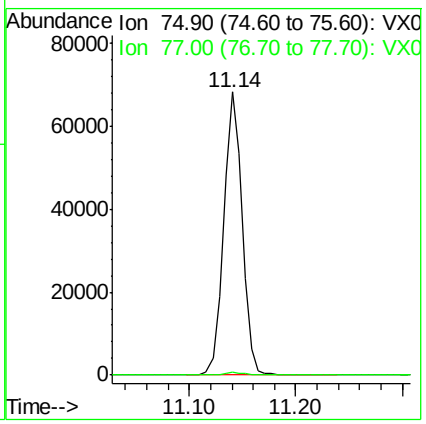


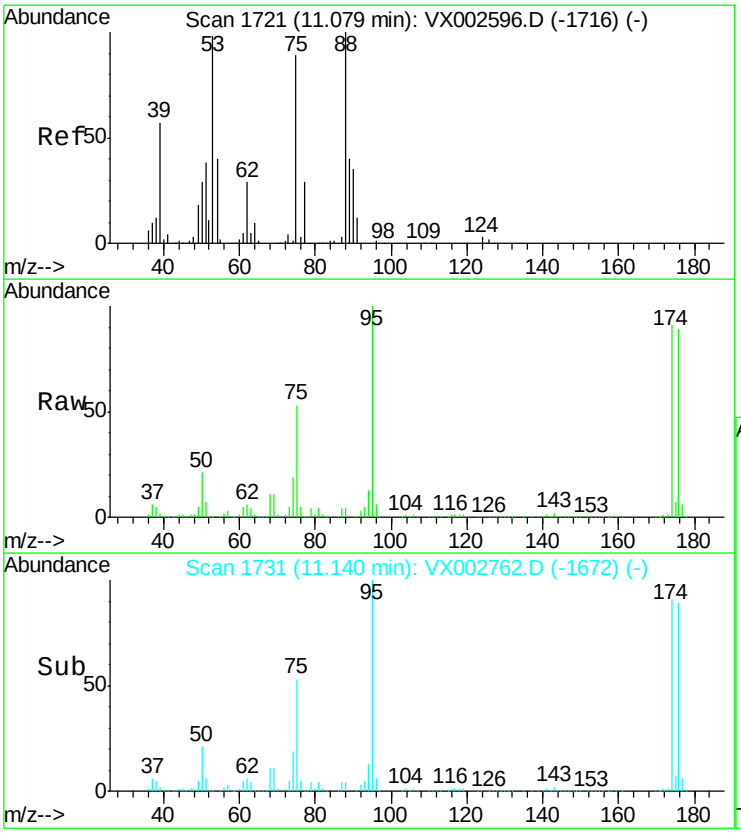
#76
1,2,3-Trichloropropane
Concen: 26.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82806

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.8	68.3#

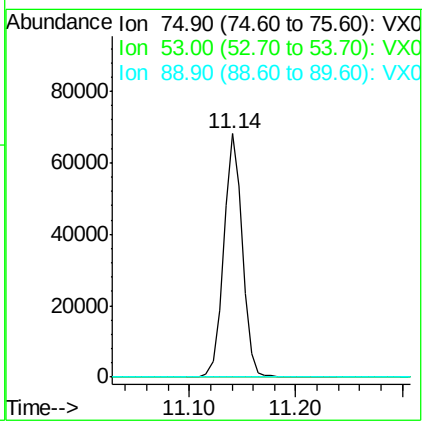


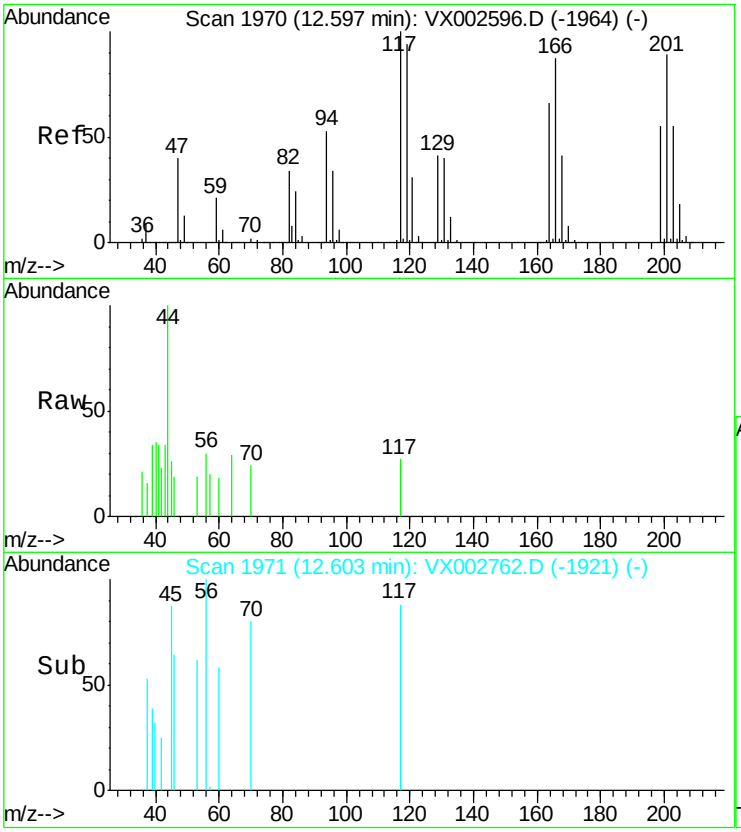


#81
trans-1,4-Dichloro-2-butene
Concen: 81.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 75 Resp: 82806

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



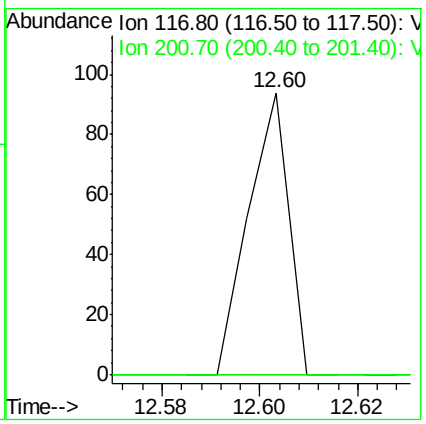


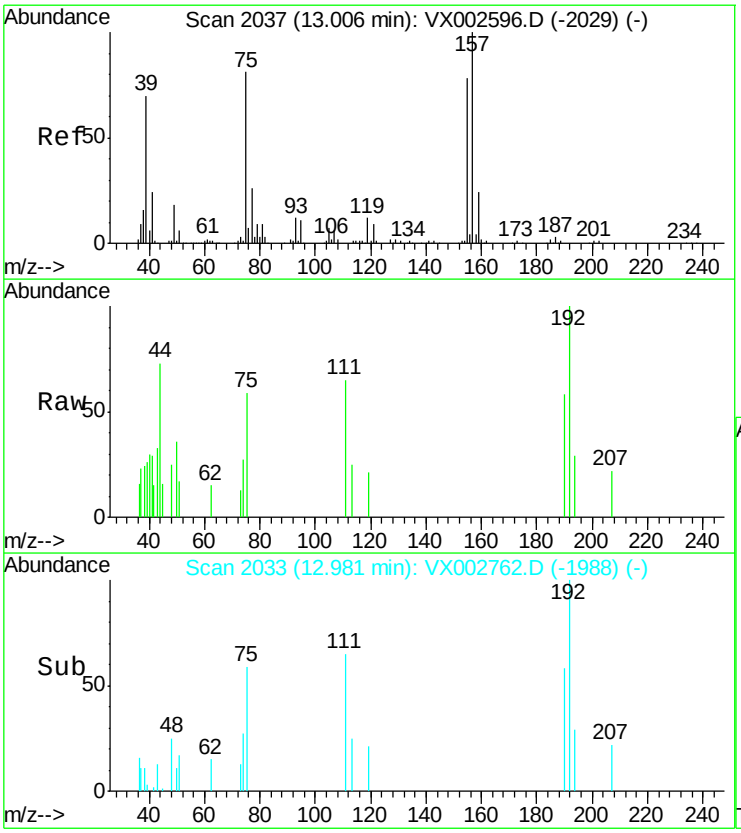
#90
Hexachloroethane
Concen: 2.66 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 53

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.55 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 75 Resp: 384

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#