Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000598.D
Acq On : 31 Mar 2018 17:25
Operator : JC/MD
Sample : J2146-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:18:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	119901	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203264	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196897	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	105756	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.08	65	81716	52.21 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.42%		
35) Dibromofluoromethane	5.51	113	64256	50.17 ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%		
50) Toluene-d8	8.73	98	254274	47.94 ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%		
62) 4-Bromofluorobenzene	11.15	95	89309	41.10 ug/l	0.00
Spiked Amount 50.000			Recovery = 82.20%		
Target Compounds					Qvalue
6) Chloroethane	1.71	64	114	Below Cal #	44
11) Tert butyl alcohol	3.09	59	201	0.373 ug/l #	72
13) Acrolein	2.25	56	37	14.781 ug/l #	1
14) Allyl chloride	2.86	41	473264	206.500 ug/l #	24
16) Acetone	2.45	43	8328	6.396 ug/l	98
18) Methyl Acetate	2.86	43	54861	20.099 ug/l #	88
20) Methylene Chloride	2.86	84	15470729	10287.587 ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	416	0.287 ug/l #	86
25) 2-Butanone	4.73	43	1335	0.912 ug/l	91
28) Bromochloromethane	5.04	49	23211	22.036 ug/l	99
31) Cyclohexane	5.67	56	3084	1.562 ug/l #	16
36) 1,1-Dichloropropene	5.67	75	9693	5.091 ug/l #	48
38) Carbon Tetrachloride	5.67	117	11705	5.860 ug/l #	14
43) Isopropyl Acetate	6.49	43	1444	0.373 ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	1038	0.346 ug/l #	60
60) Dibromochloromethane	9.60	129	64	4.148 ug/l #	12
74) N-amyl acetate	6.49	43	1444	Below Cal #	92
76) 1,2,3-Trichloropropane	11.15	75	52534	23.114 ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	52534	74.833 ug/l #	9
95) Naphthalene	13.85	128	5005	0.579 ug/l	97

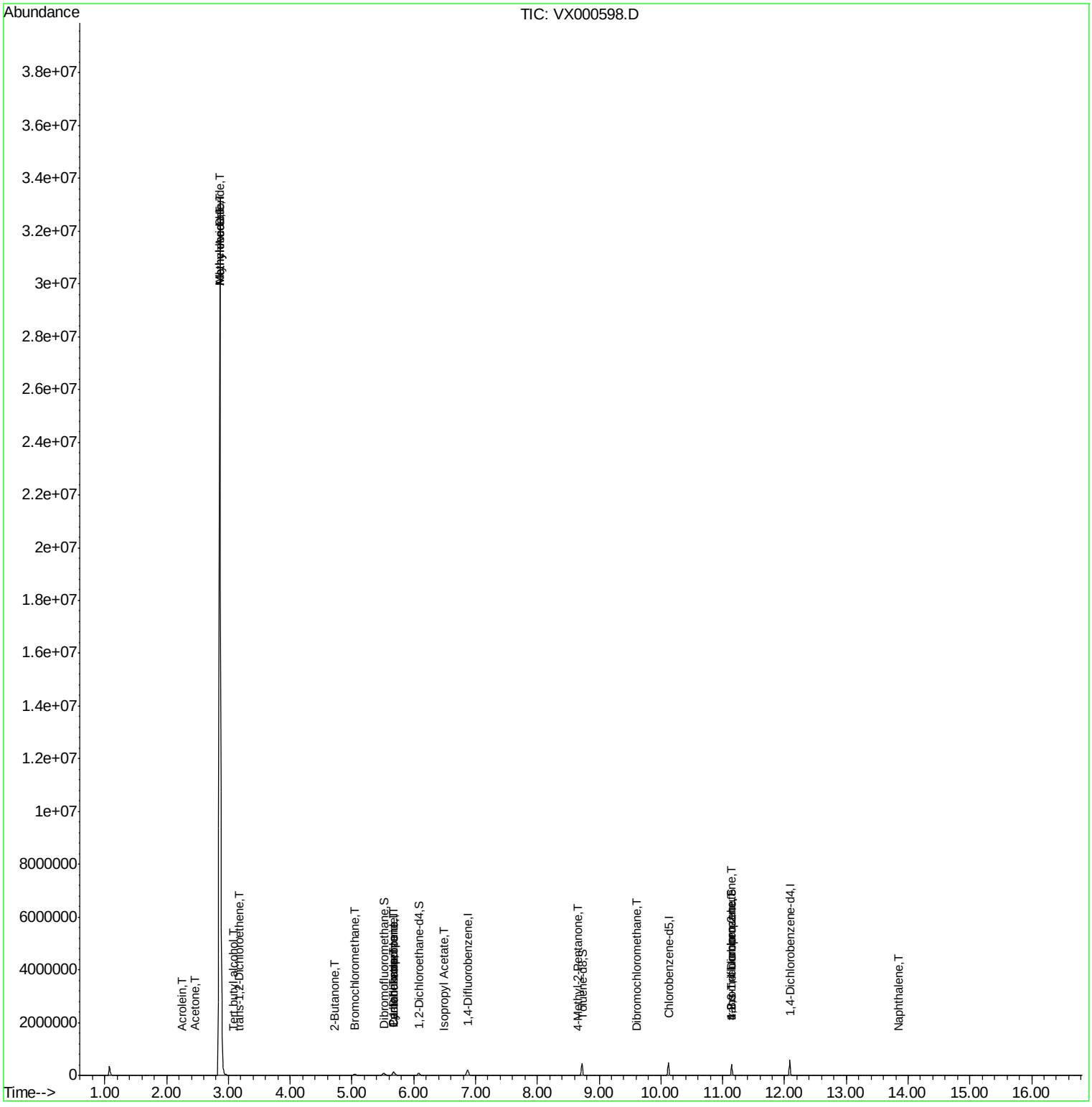
(#) = qualifier out of range (m) = manual integration (+) = signals summed

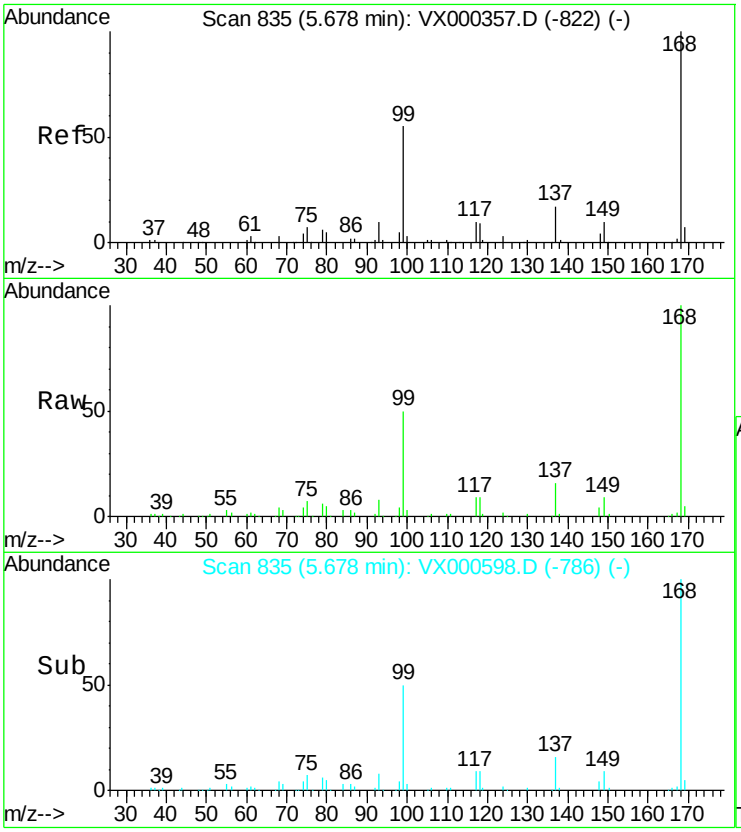
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000598.D
Acq On : 31 Mar 2018 17:25
Operator : JC/MD
Sample : J2146-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:18:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



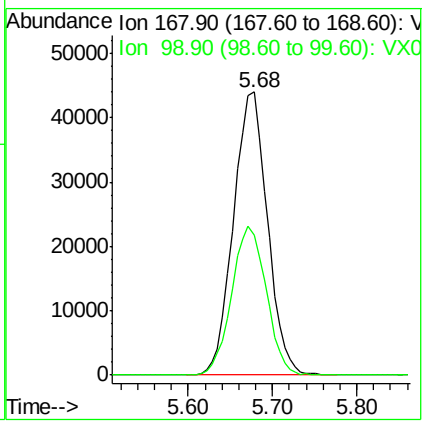


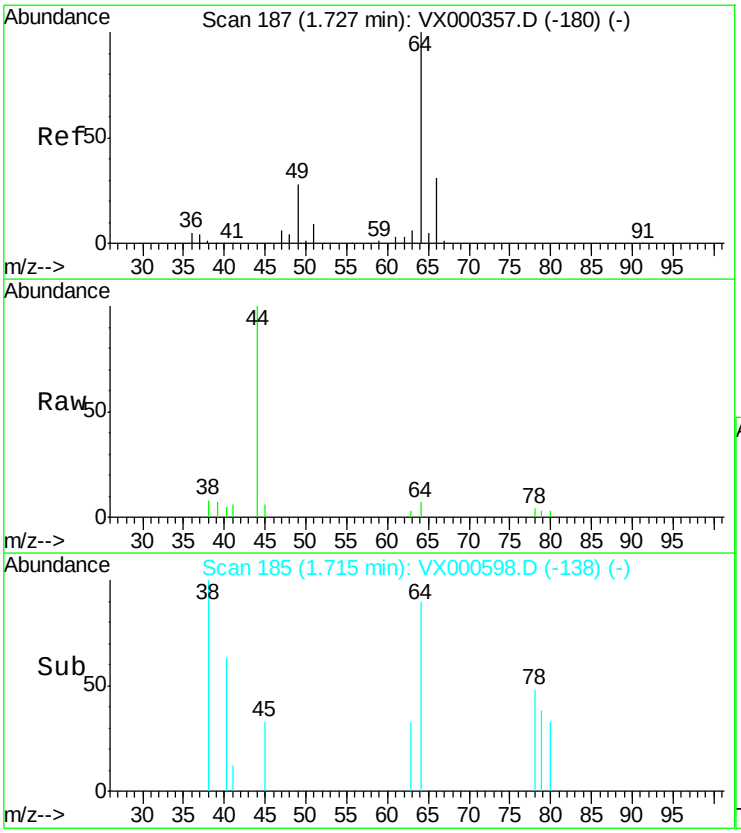
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 119901

Ion	Ratio	Lower	Upper
168	100		
99	49.7	45.8	68.6

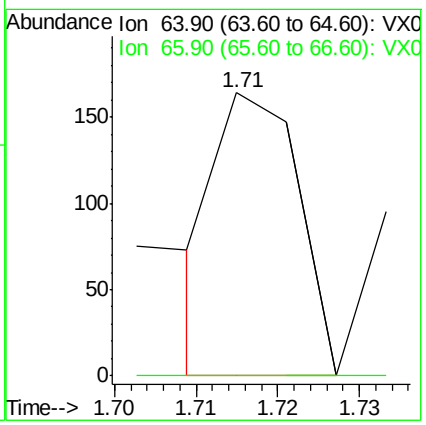


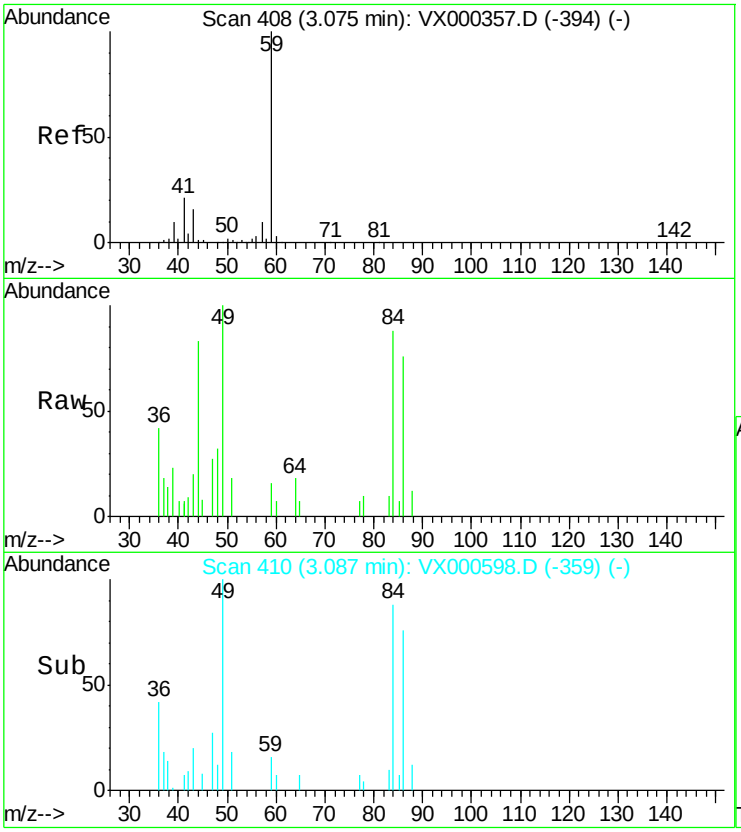


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 64 Resp: 114

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



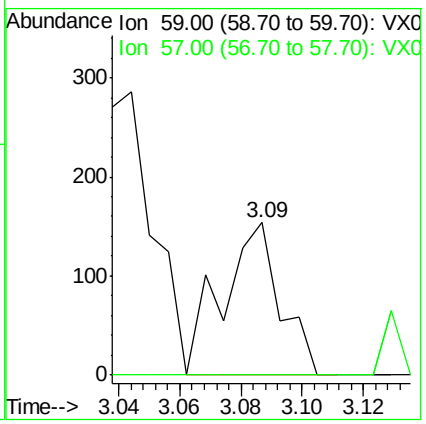


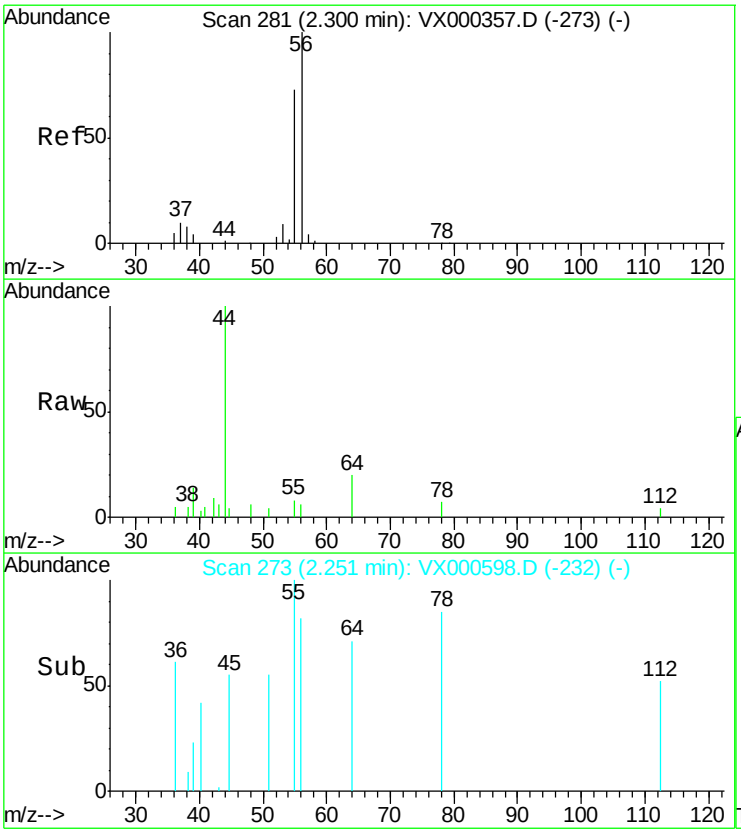
#11
Tert butyl alcohol
Concen: 0.373 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 201

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

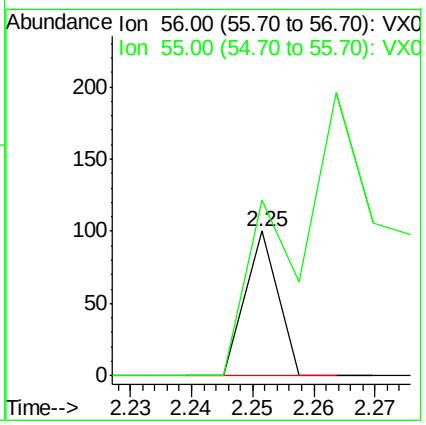


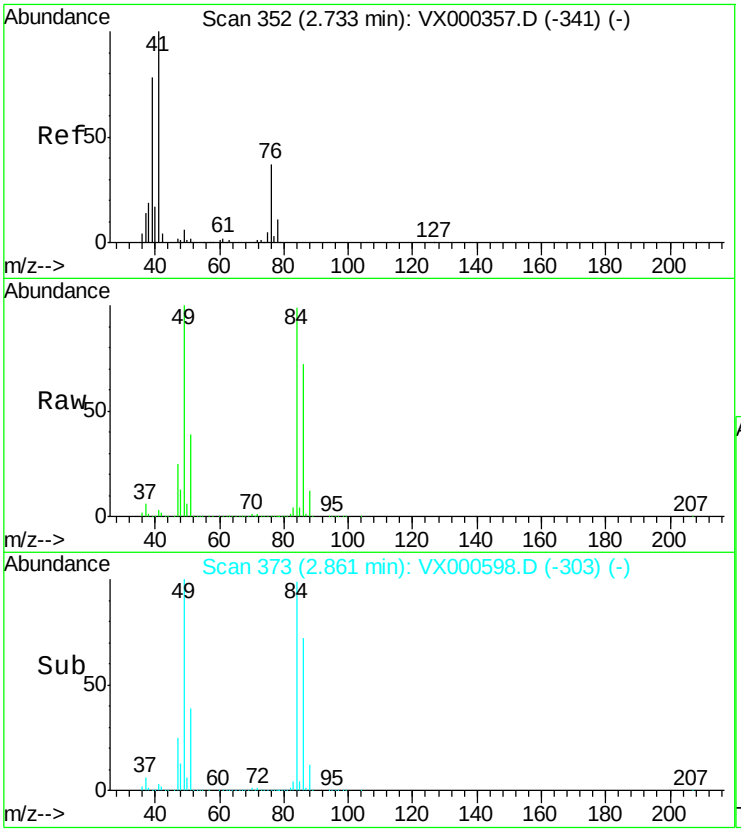


#13
Acrolein
Concen: 14.781 ug/l
RT: 2.25 min Scan# 273
Delta R.T. -0.05 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 56 Resp: 37

Ion	Ratio	Lower	Upper
56	100		
55	670.3	58.8	88.2#



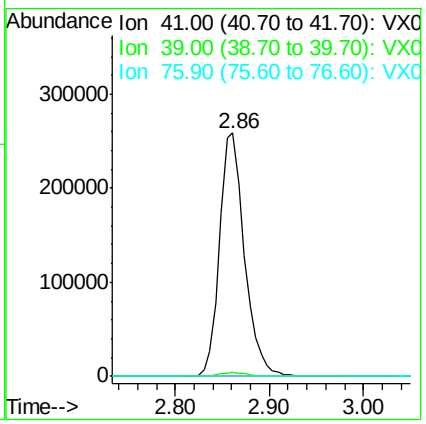


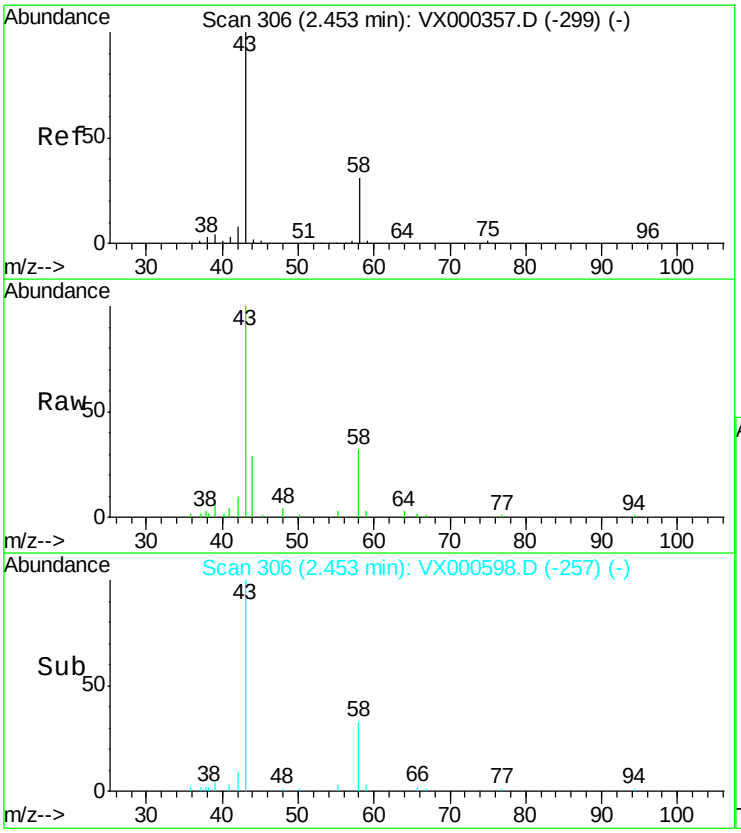
#14
Allyl chloride
Concen: 206.500 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 473264

Ion	Ratio	Lower	Upper
41	100		
39	1.7	57.6	86.4#
76	0.0	27.3	40.9#

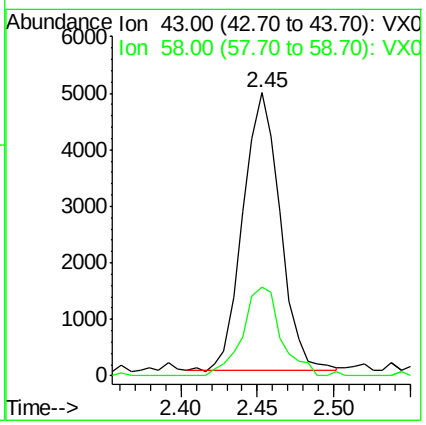


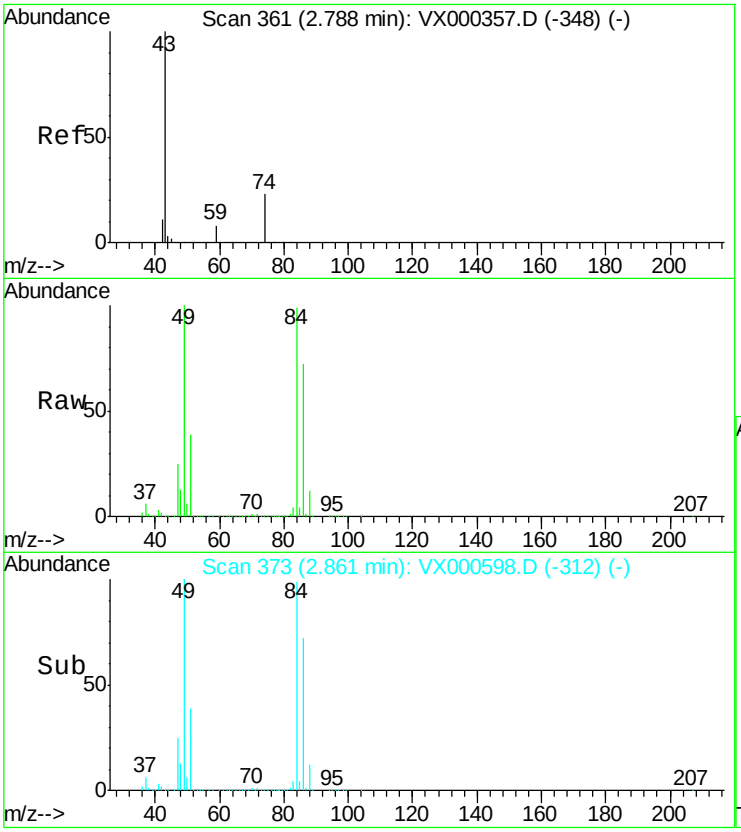


#16
Acetone
Concen: 6.396 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 43 Resp: 8328

Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.7	37.1



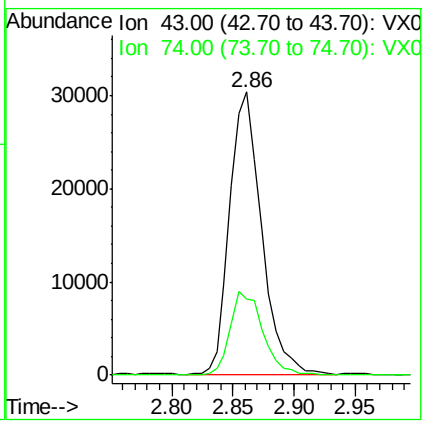


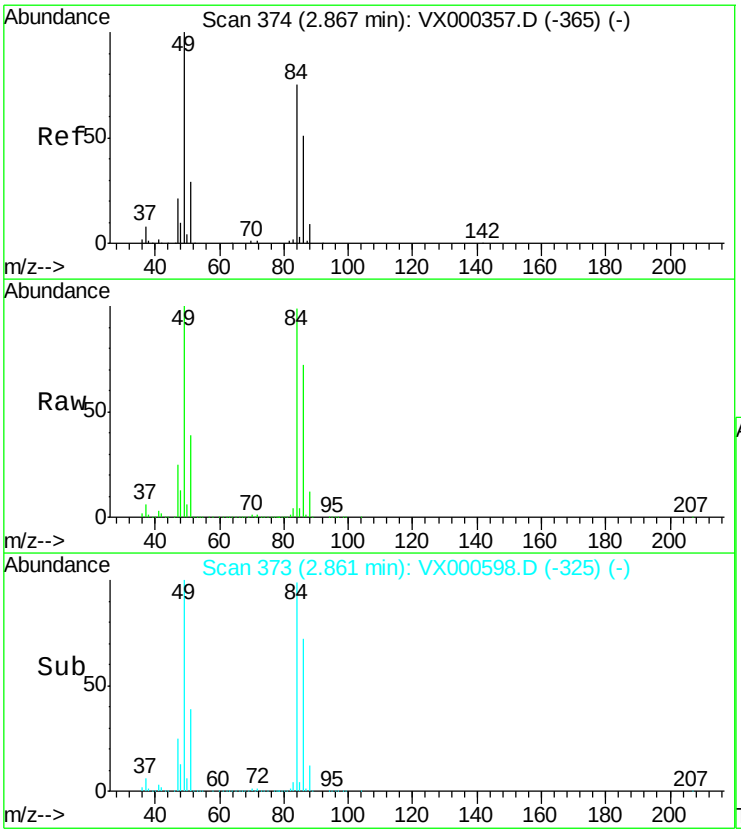
#18
Methyl Acetate
Concen: 20.099 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.07 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 54861

Ion	Ratio	Lower	Upper
43	100		
74	30.1	19.4	29.2#

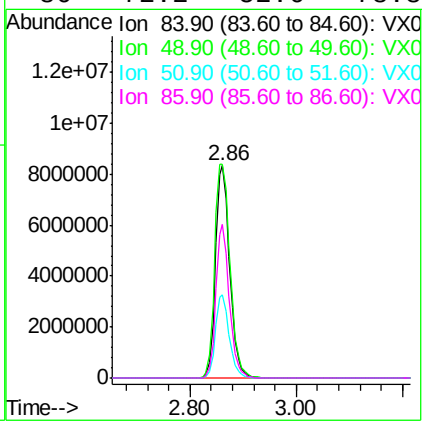


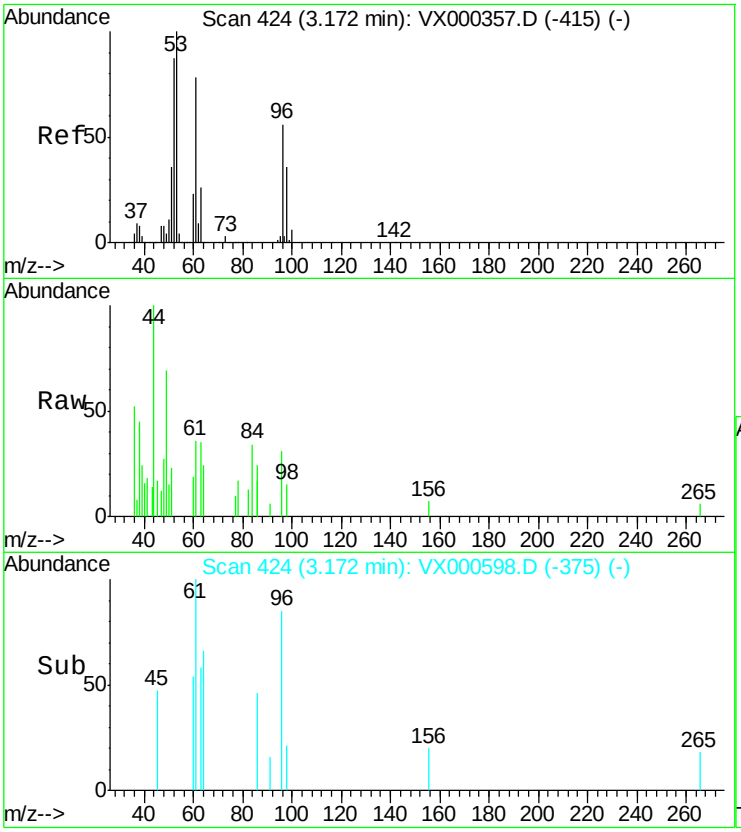


#20
Methylene Chloride
Concen: 10287.587 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 84 Resp:15470729

Ion	Ratio	Lower	Upper
84	100		
49	100.7	100.6	151.0
51	39.2	31.6	47.4
86	72.2	52.6	78.8



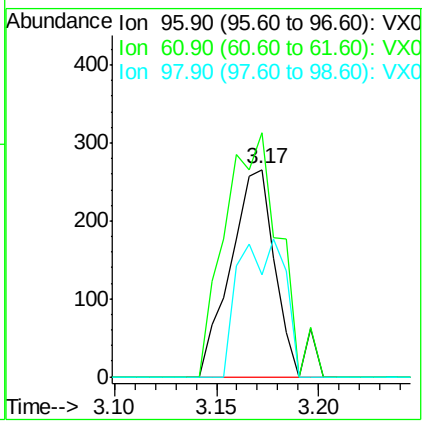


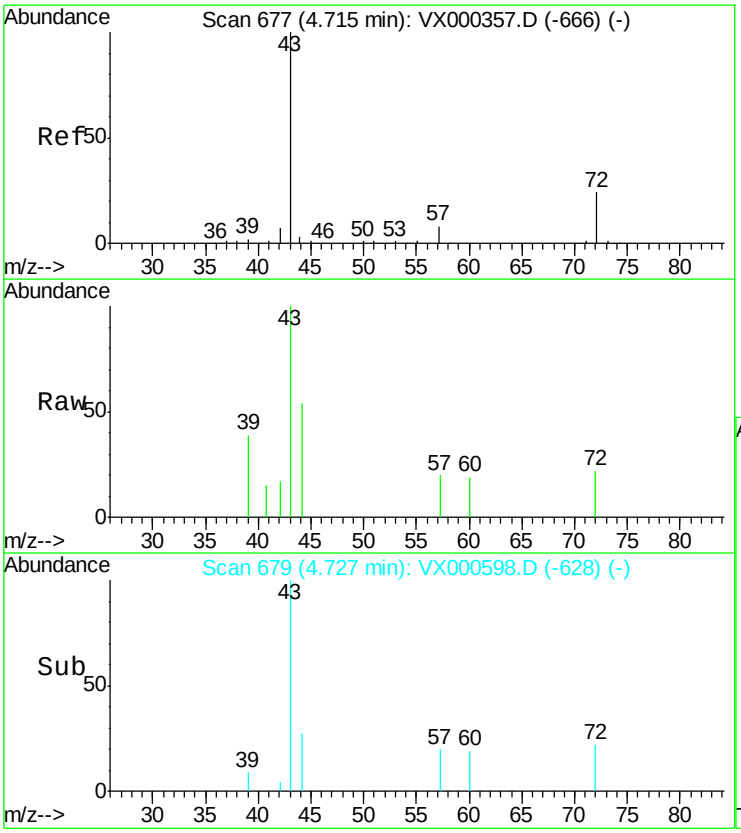
#21
trans-1,2-Dichloroethene
Concen: 0.287 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 416

Ion	Ratio	Lower	Upper
96	100		
61	117.7	104.0	156.0
98	48.9	52.1	78.1#

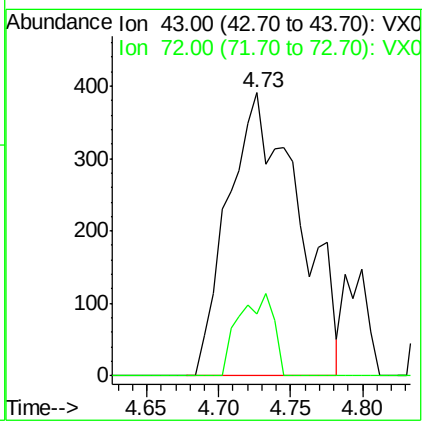


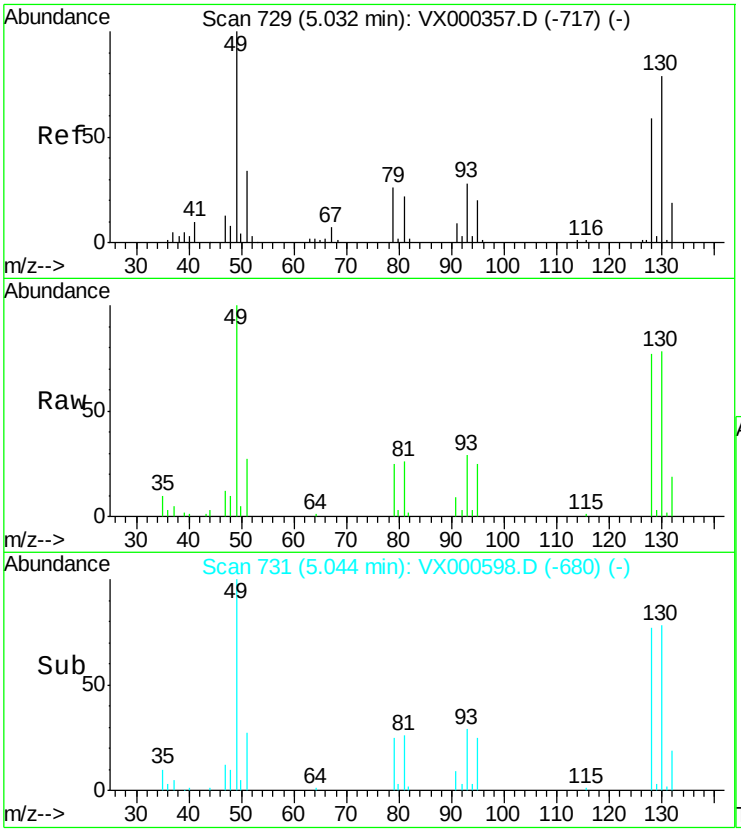


#25
2-Butanone
Concen: 0.912 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 43 Resp: 1335

Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.0	31.6



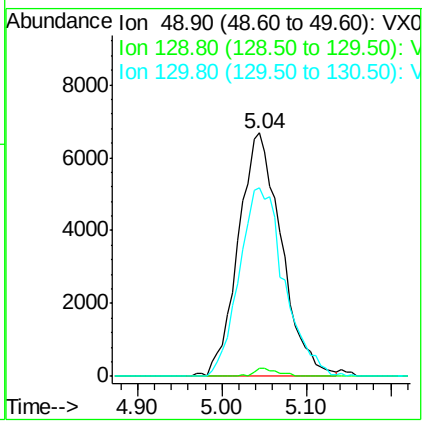


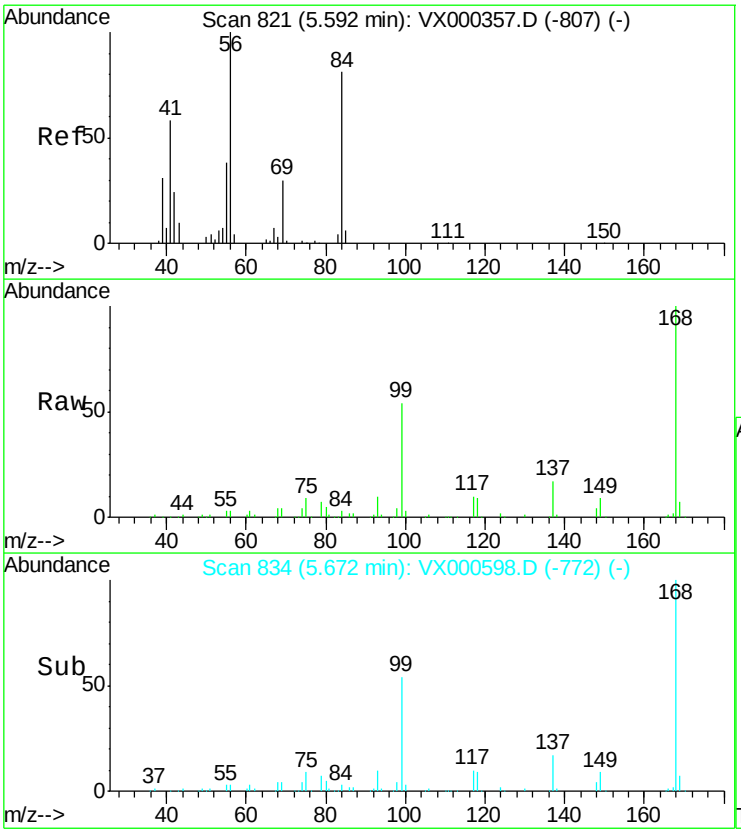
#28
Bromochloromethane
Concen: 22.036 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 23211

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	81.2	64.0	96.0

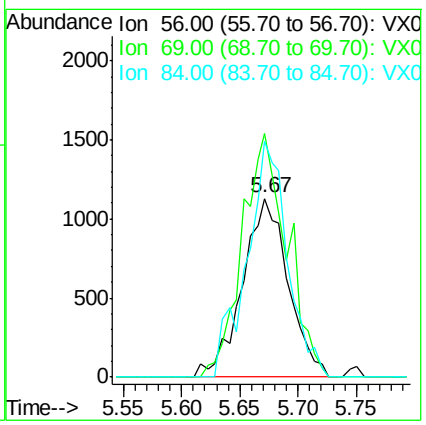


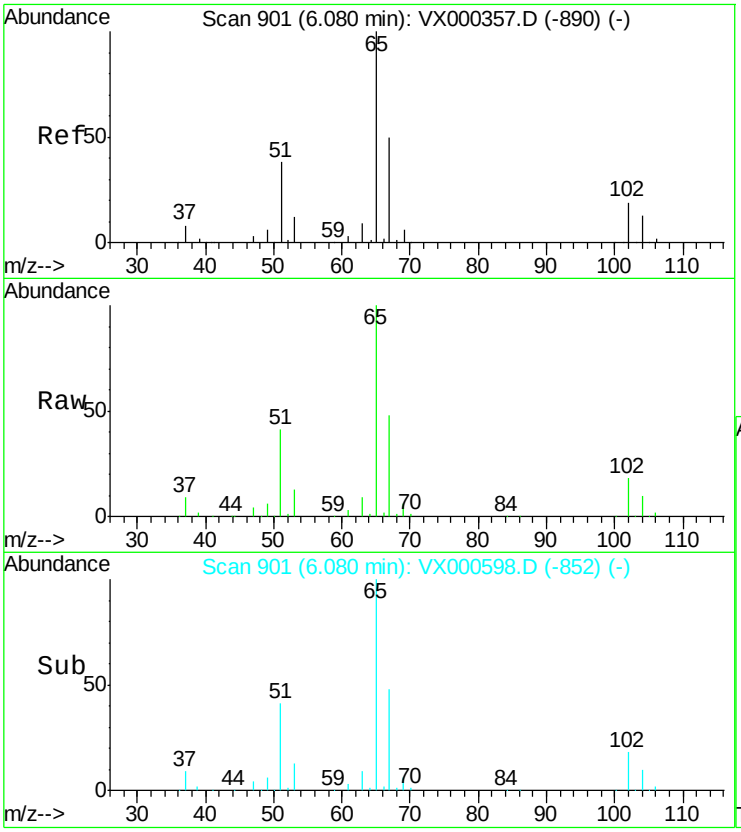


#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 56 Resp: 3084

Ion	Ratio	Lower	Upper
56	100		
69	136.2	23.4	35.0#
84	132.0	71.0	106.4#



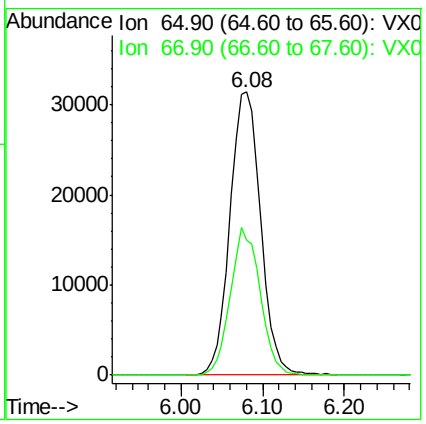


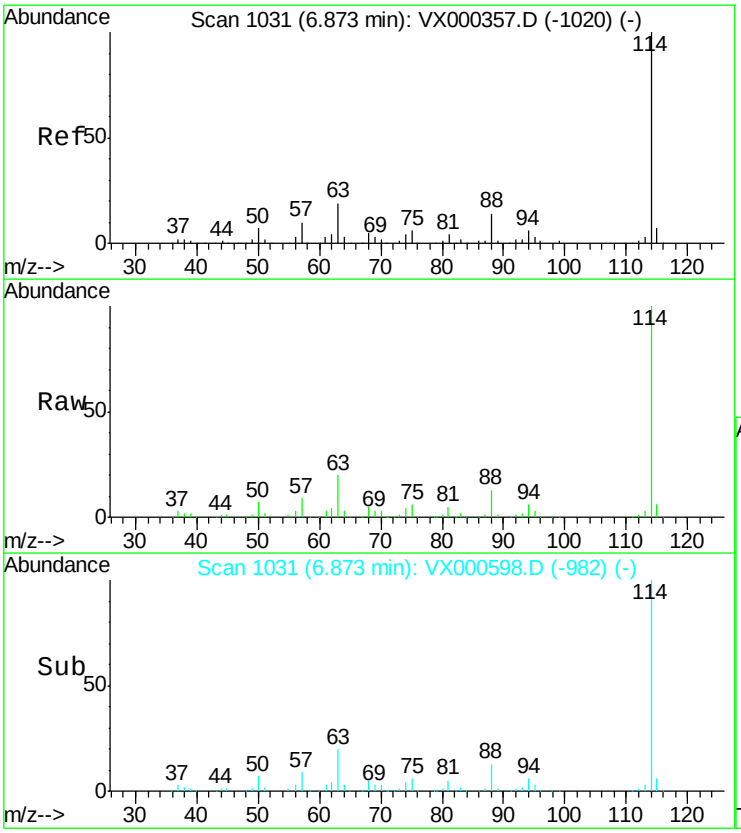
#33
1,2-Dichloroethane-d4
Concen: 52.210 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 81716

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.2

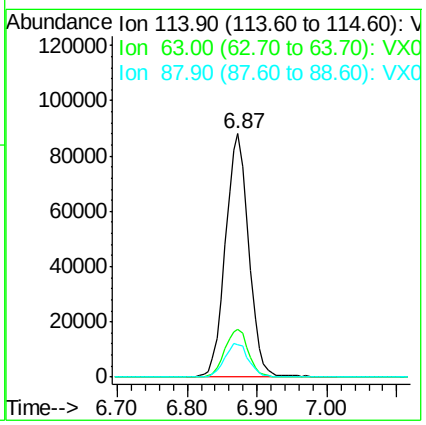


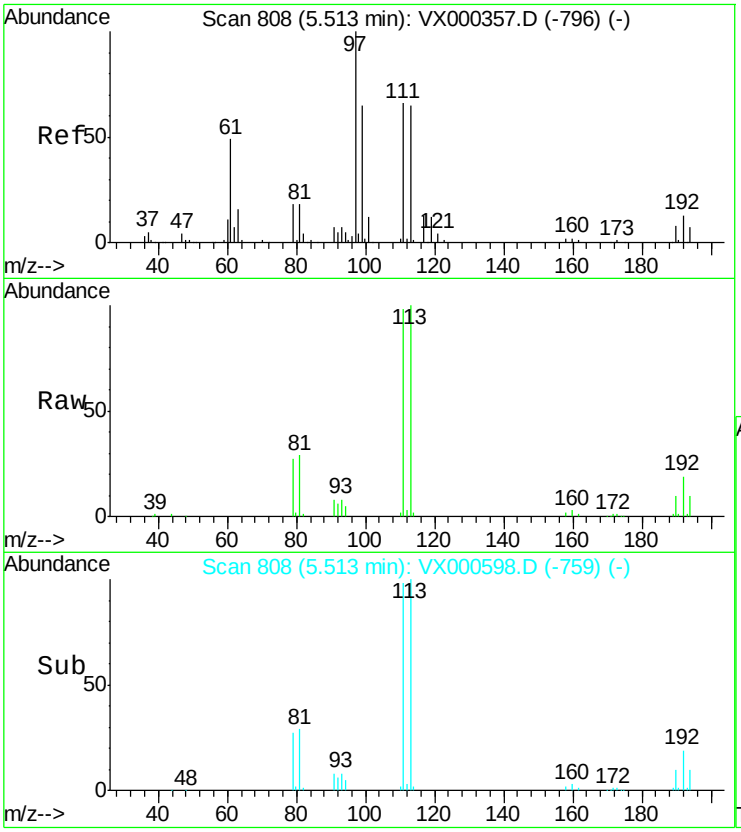


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion:114 Resp: 203264

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	13.4	0.0	27.0



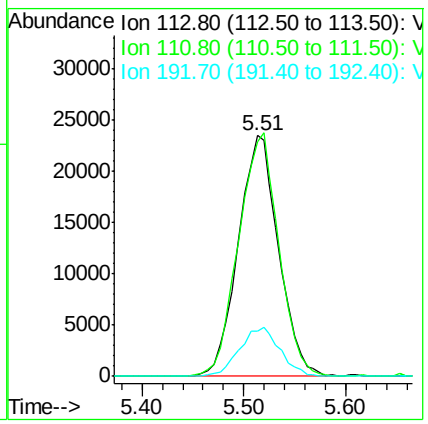


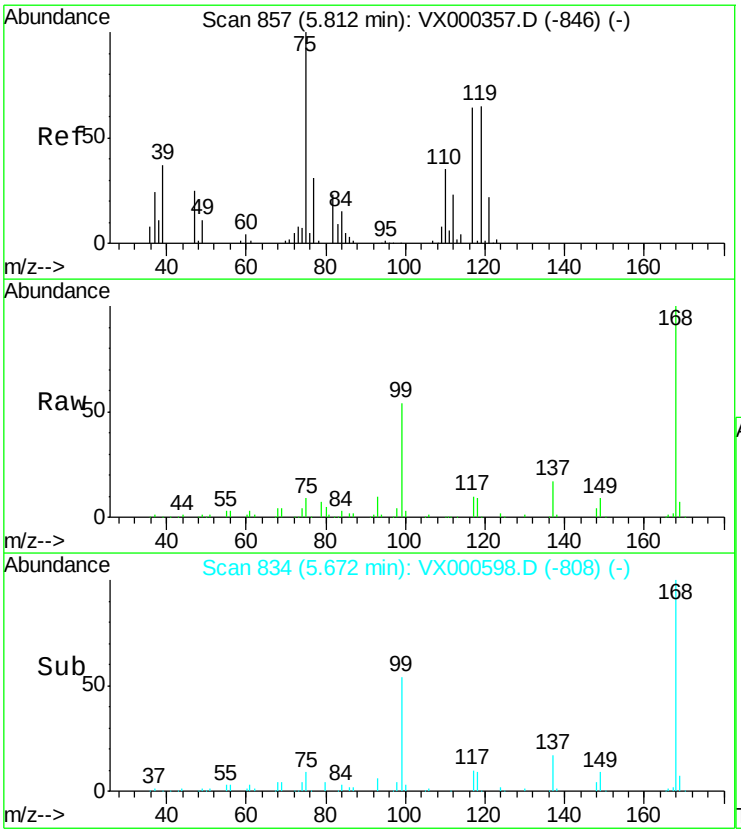
#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 64256

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	20.5	15.8	23.6

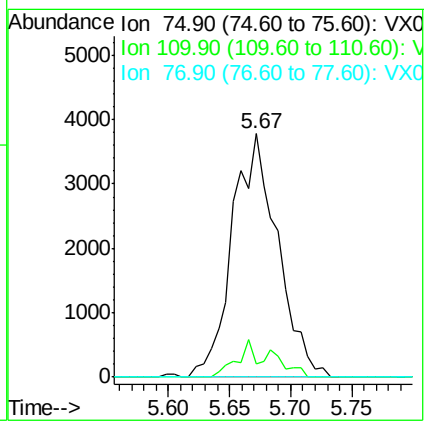


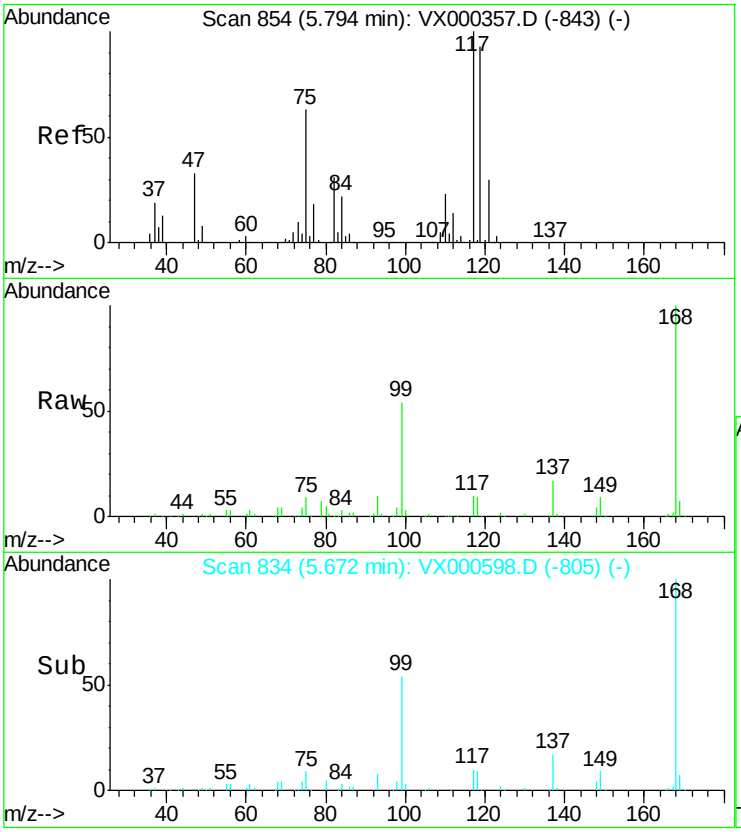


#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 75 Resp: 9693

Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.9	53.7#
77	0.0	24.0	36.0#



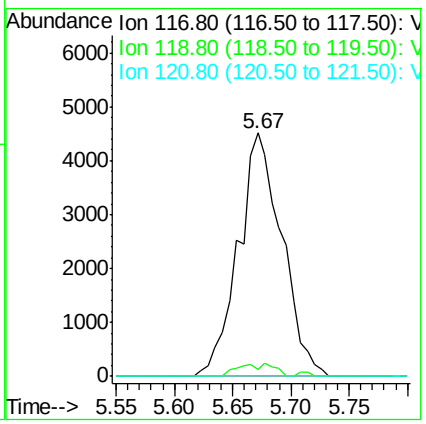


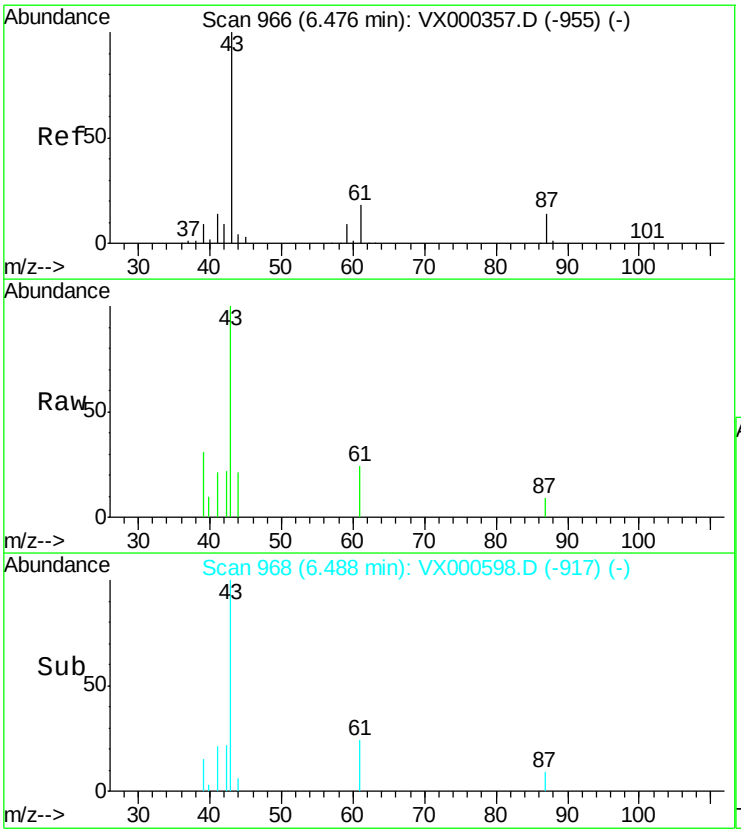
#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 11705

Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.4	116.2#
121	0.0	24.8	37.2#

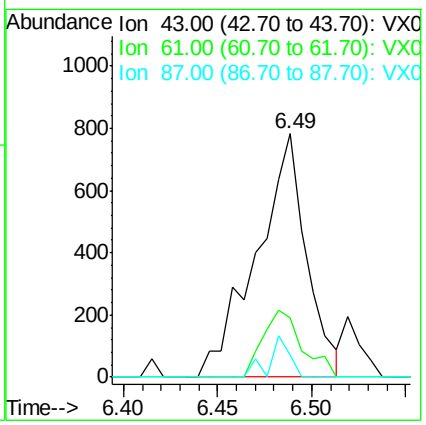


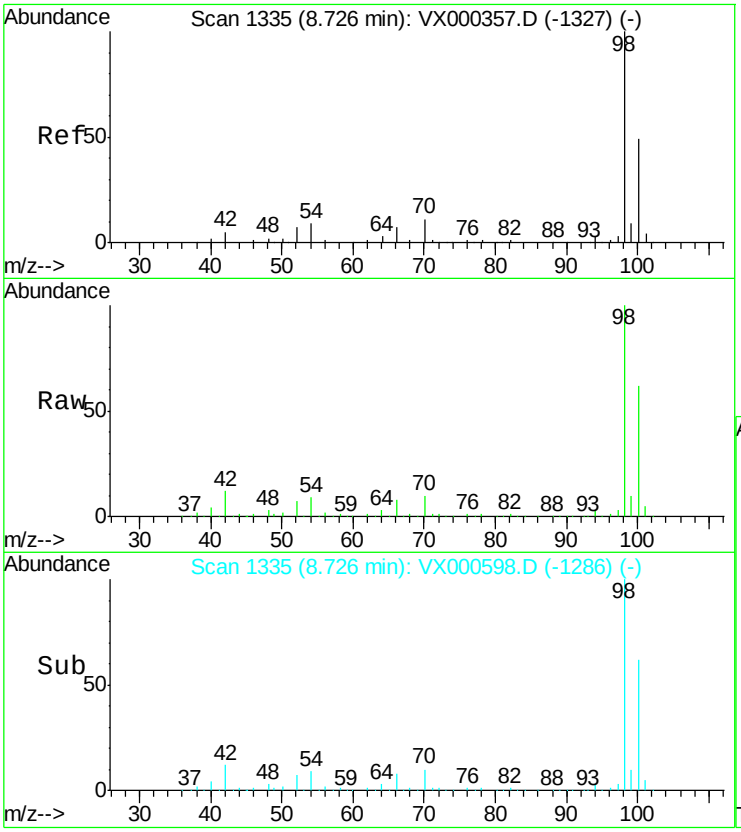


#43
Isopropyl Acetate
Concen: 0.373 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 43 Resp: 1444

Ion	Ratio	Lower	Upper
43	100		
61	21.7	14.4	21.6#
87	6.7	11.0	16.4#



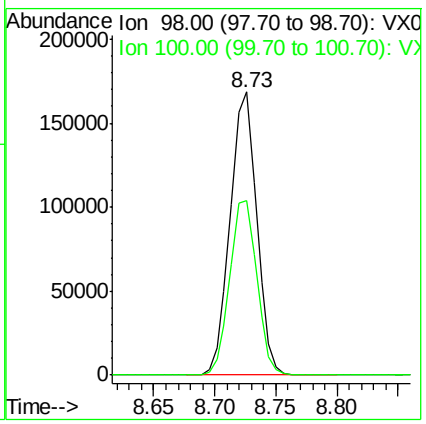


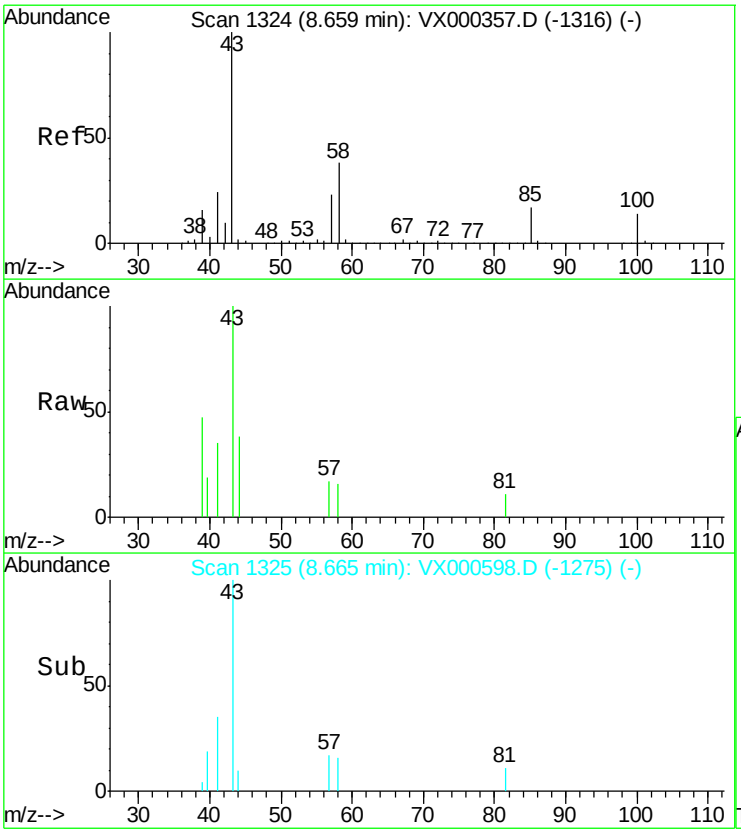
#50
Toluene-d8
Concen: 47.937 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 254274

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.2	76.8

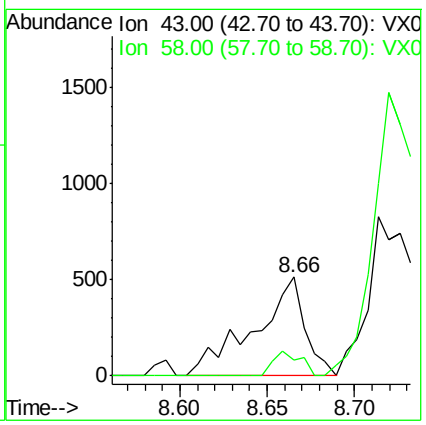


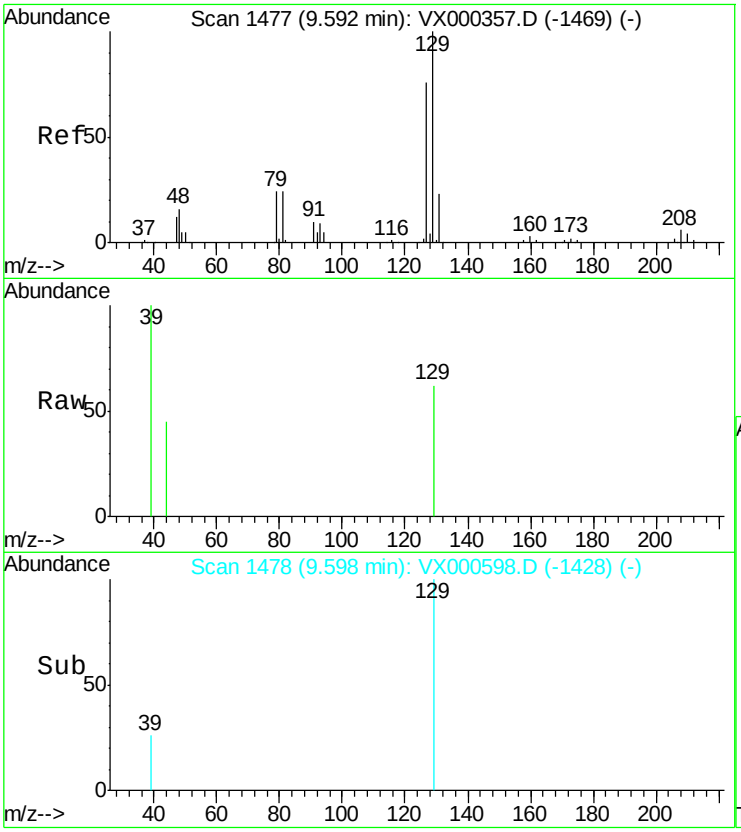


#51
4-Methyl-2-Pentanone
Concen: 0.346 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 43 Resp: 1038

Ion	Ratio	Lower	Upper
43	100		
58	13.7	30.3	45.5#



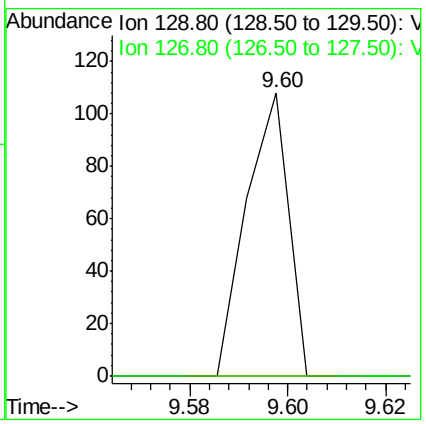


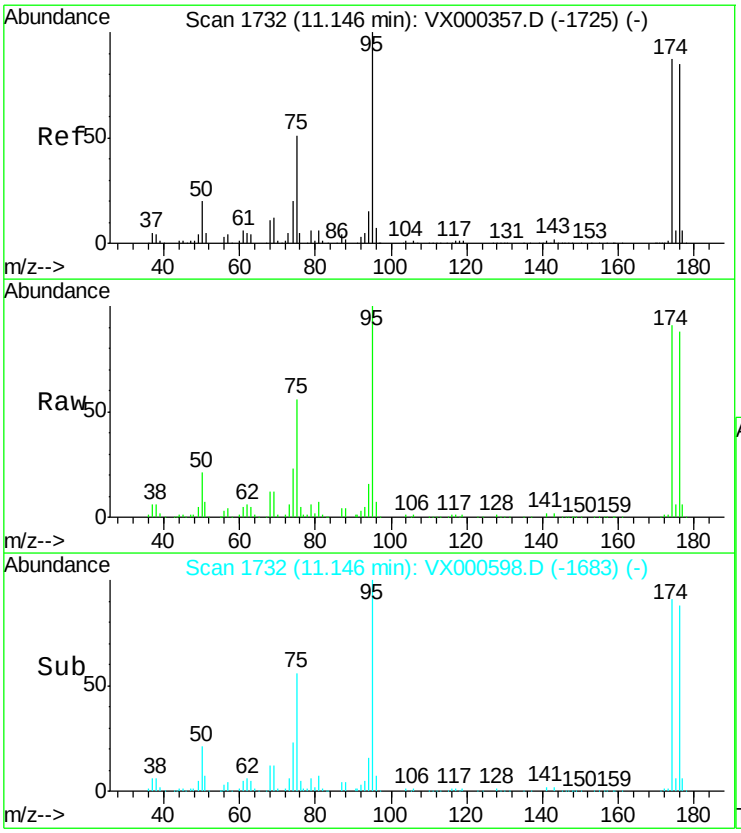
#60
Dibromochloromethane
Concen: 4.148 ug/l
RT: 9.60 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 64

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#

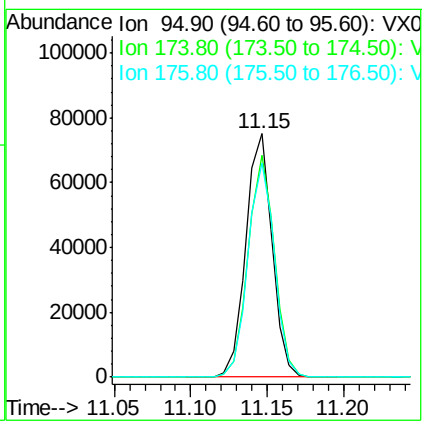


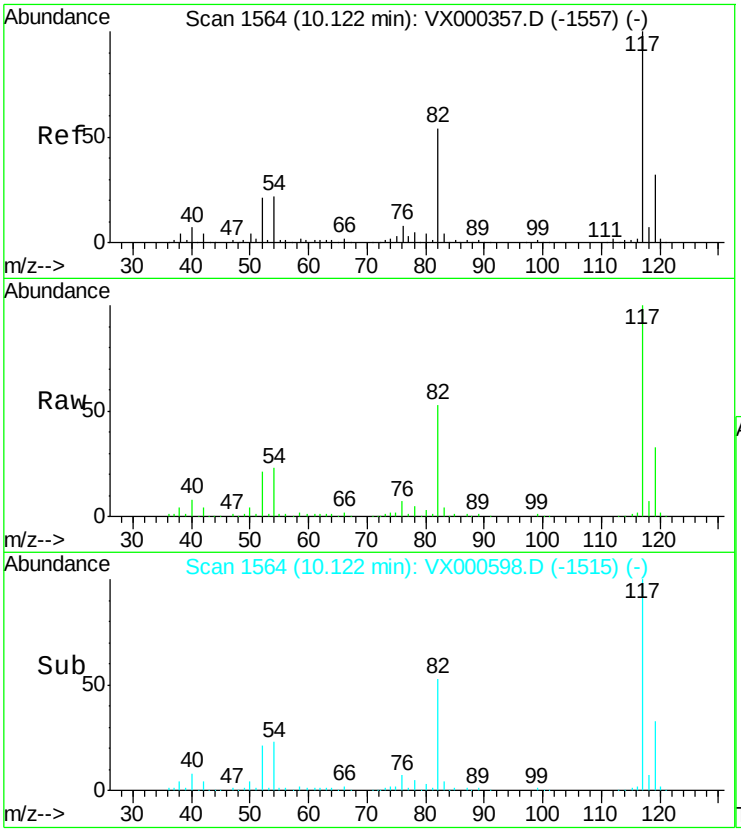


#62
4-Bromofluorobenzene
Concen: 41.099 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 95 Resp: 89309

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	173.6
176	89.4	0.0	164.6



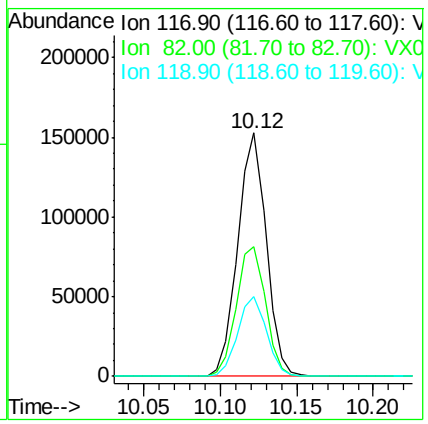


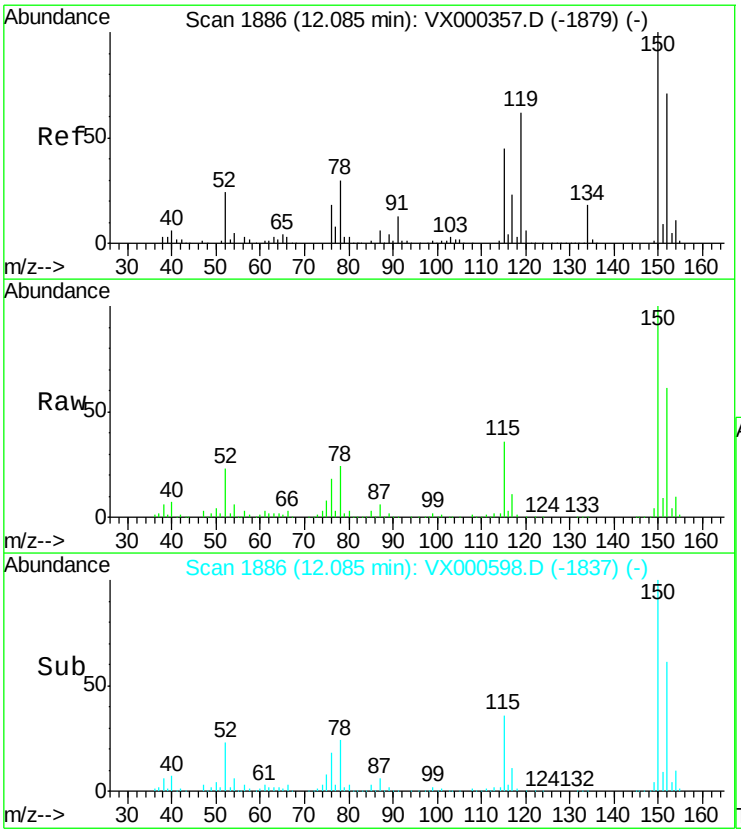
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 196897

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	32.9	24.9	37.3

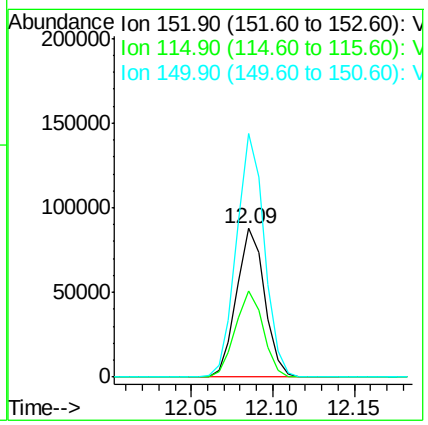


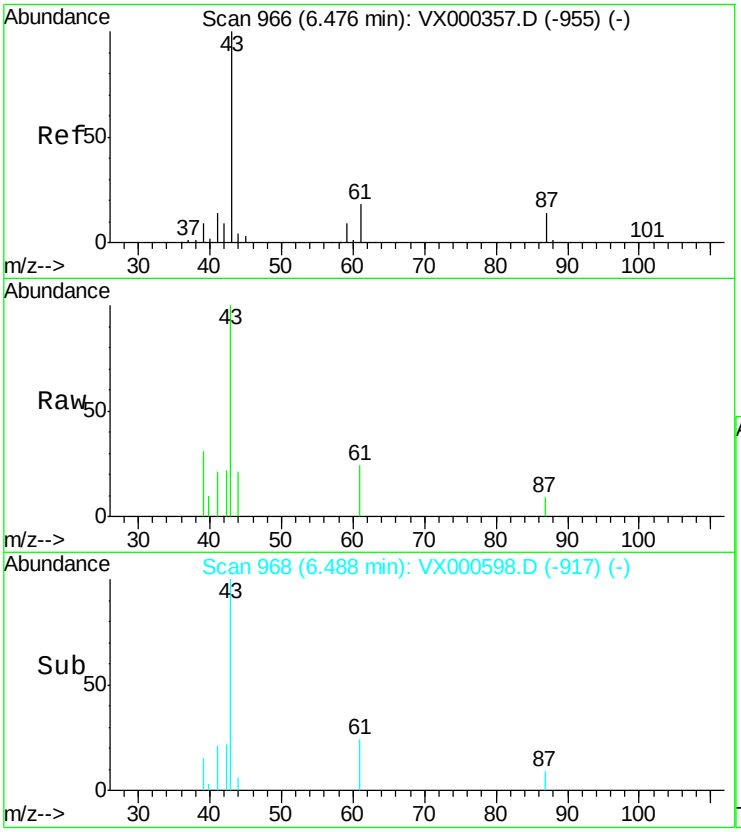


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion:152 Resp: 105756

Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.8	119.3
150	162.1	0.0	344.4



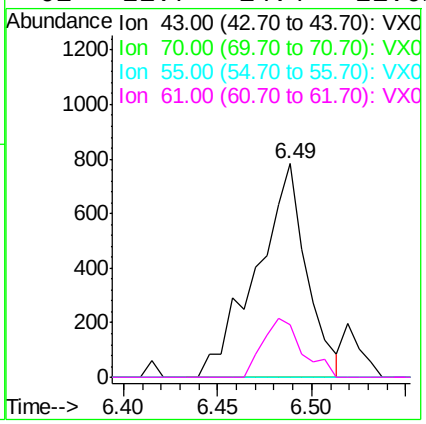


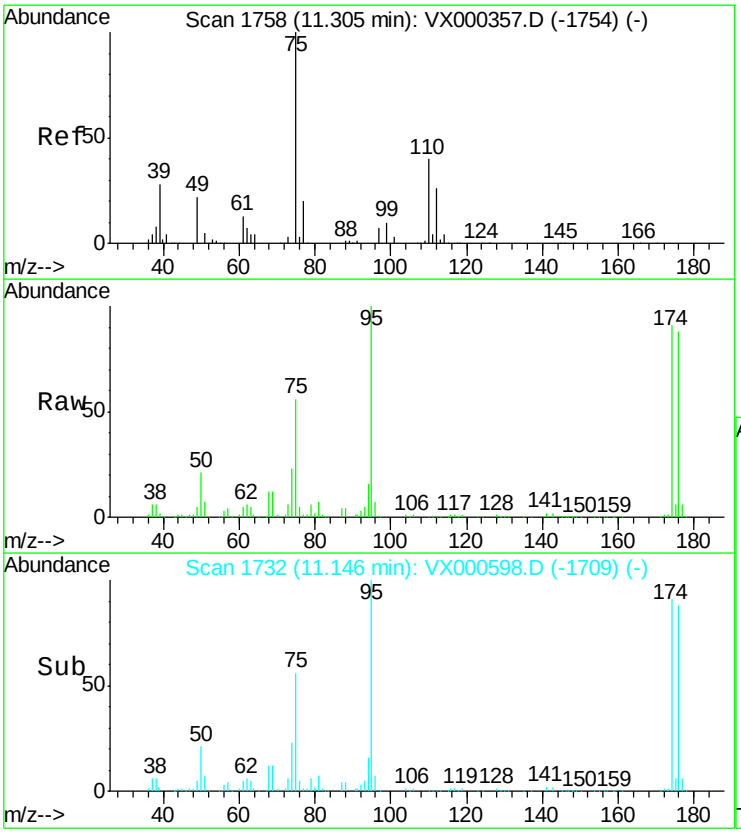
#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1444

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	21.7	14.4	21.6#

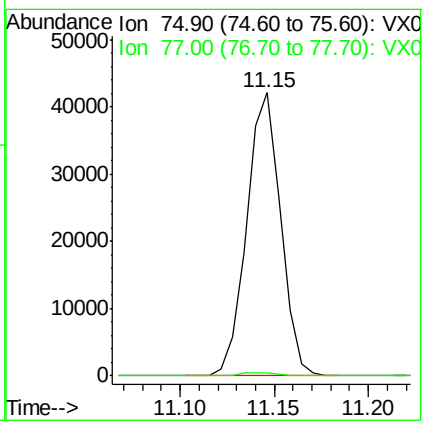


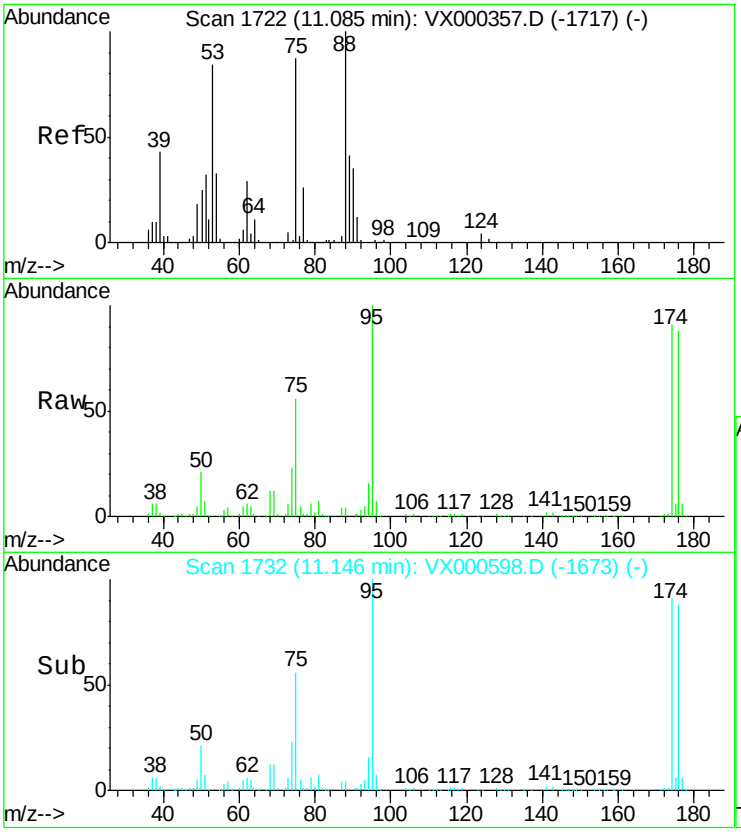


#76
1,2,3-Trichloropropane
Concen: 23.114 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion: 75 Resp: 52534

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.2#



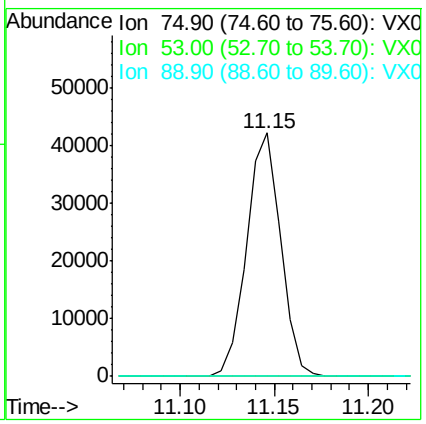


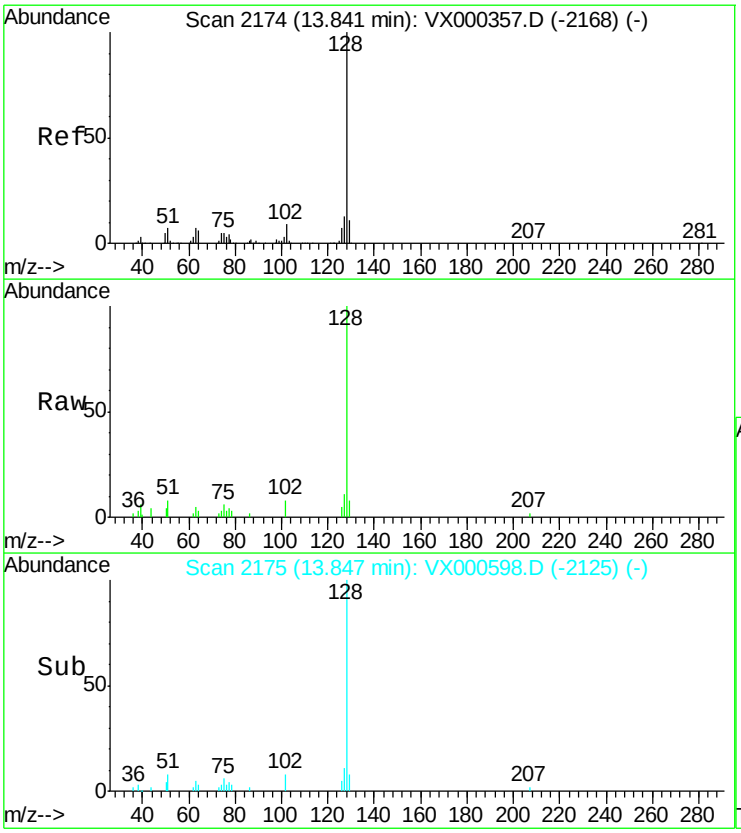
#81
trans-1,4-Dichloro-2-butene
Concen: 74.833 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52534

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.1	39.4	59.0#





#95
Naphthalene
Concen: 0.579 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000598.D
Acq: 31 Mar 2018 17:25

Tgt Ion:128 Resp: 5005

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.6	15.8
129	9.8	8.9	13.3