Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000617.D
Acq On : 01 Apr 2018 02:21
Operator : JC/MD
Sample : J2150-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:26:27 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	5.67	168	111322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76066	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
35) Dibromofluoromethane	5.51	113	58954	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
50) Toluene-d8	8.73	98	237109	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.72%			
62) 4-Bromofluorobenzene	11.15	95	82650	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.00%			
Target Compounds						Qvalue
6) Chloroethane	1.76	64	4848	3.751	ug/l #	44
8) Diethyl Ether	2.20	74	278	0.316	ug/l	53
10) Methyl Iodide	2.52	142	138	4.368	ug/l #	37
11) Tert butyl alcohol	3.07	59	460502	921.285	ug/l	100
13) Acrolein	2.32	56	21	14.702	ug/l #	13
14) Allyl chloride	2.69	41	170	Below Cal	#	1
15) Acrylonitrile	3.21	53	38233	37.766	ug/l #	30
16) Acetone	2.45	43	2383	1.971	ug/l	99
17) Carbon Disulfide	2.57	76	4759	1.497	ug/l	97
18) Methyl Acetate	2.62	43	4854	1.915	ug/l #	51
19) Methyl tert-butyl Ether	3.21	73	3534834	792.093	ug/l	99
20) Methylene Chloride	2.86	84	487	0.349	ug/l	91
22) Diisopropyl ether	3.89	45	23399	6.203	ug/l	89
23) Vinyl Acetate	3.88	43	13829	3.867	ug/l #	72
29) Tetrahydrofuran	5.17	42	187	0.224	ug/l #	31
31) Cyclohexane	5.67	56	2810	1.533	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	9063	5.203	ug/l #	50
38) Carbon Tetrachloride	5.68	117	11690	6.397	ug/l #	15
42) 1,2-Dichloroethane	6.21	62	1705	0.859	ug/l	81
43) Isopropyl Acetate	6.47	43	4008	1.132	ug/l #	28
51) 4-Methyl-2-Pentanone	8.72	43	1227	0.448	ug/l #	1
74) N-amyl acetate	6.47	43	4008	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	47849	21.896	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	47849	70.890	ug/l #	9
86) p-Isopropyltoluene	12.07	119	8067	1.285	ug/l	88

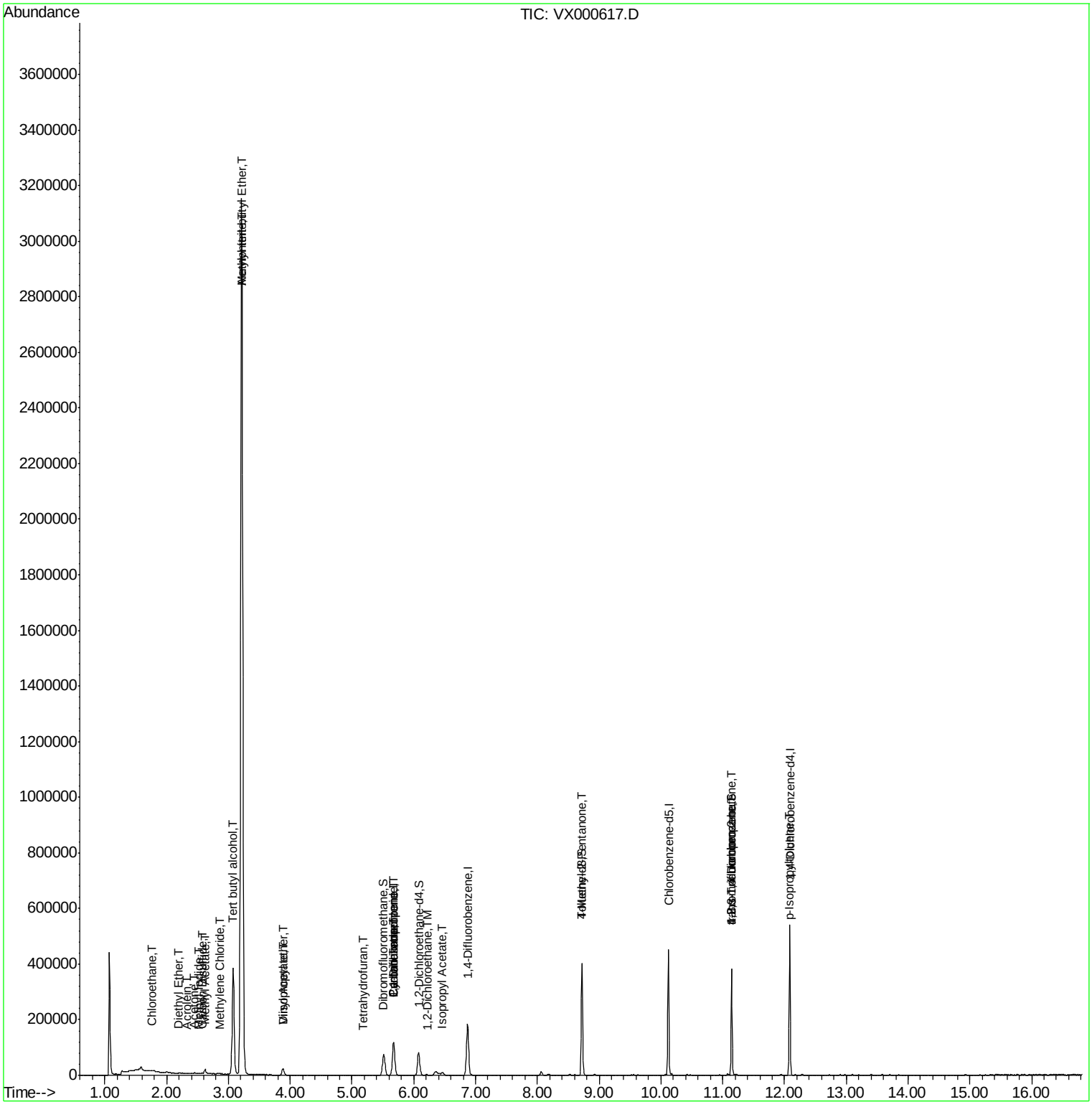
(#) = qualifier out of range (m) = manual integration (+) = signals summed

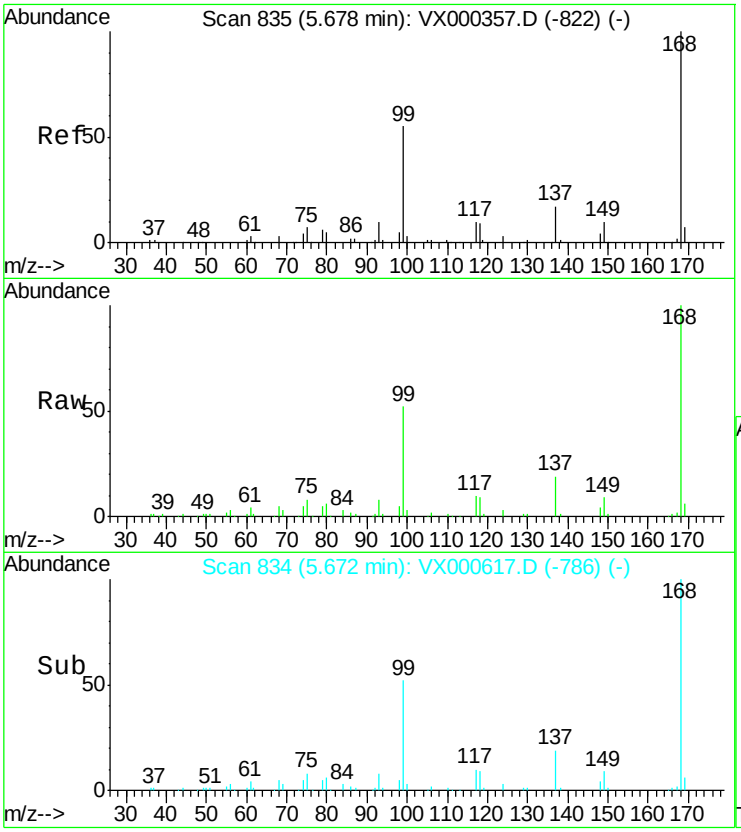
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
Data File : VX000617.D
Acq On : 01 Apr 2018 02:21
Operator : JC/MD
Sample : J2150-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:26:27 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



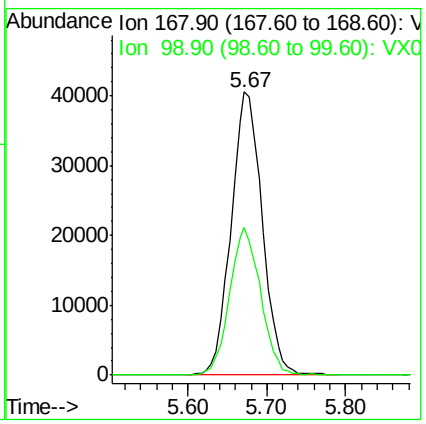


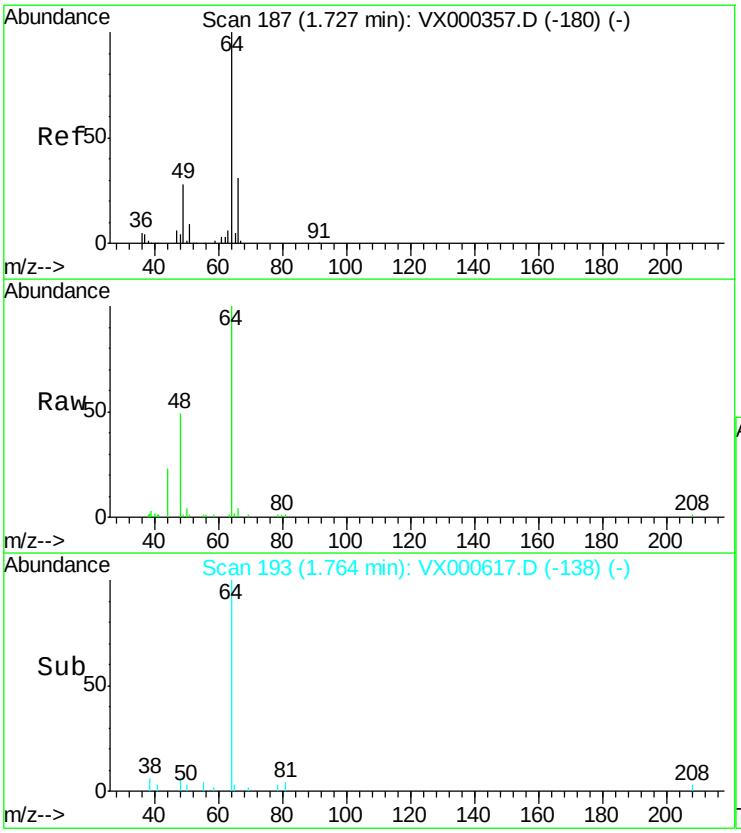
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 111322

Ion	Ratio	Lower	Upper
168	100		
99	52.2	45.8	68.6

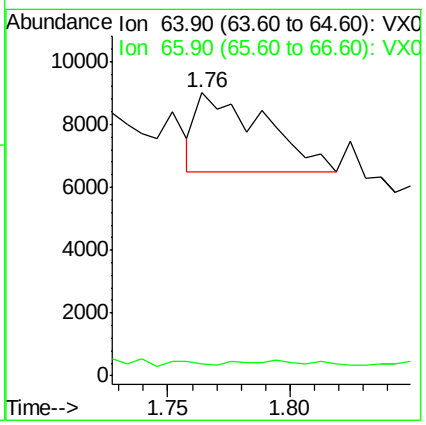


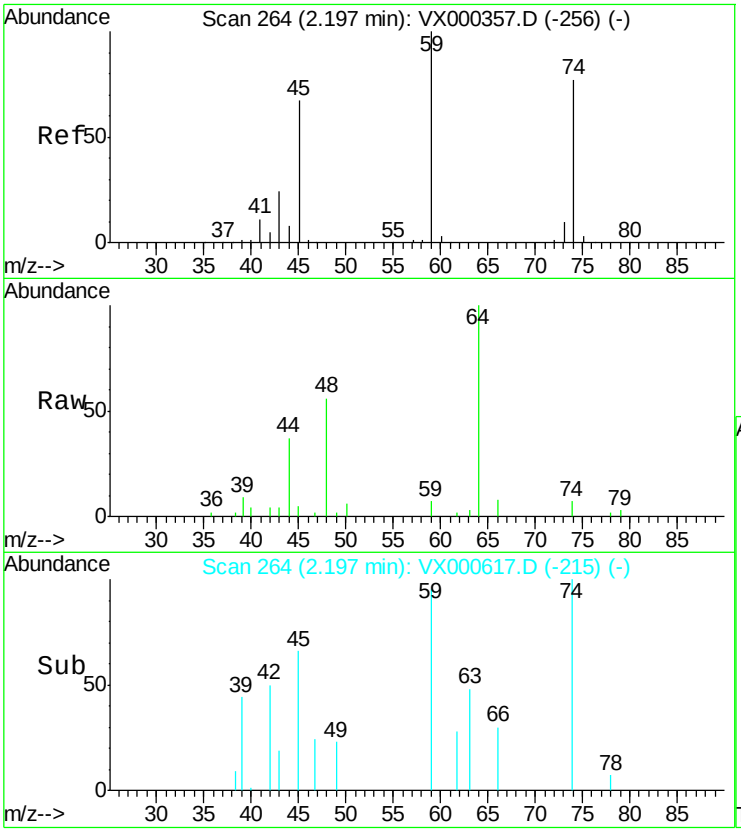


#6
Chloroethane
Concen: 3.751 ug/l
RT: 1.76 min Scan# 193
Delta R.T. 0.04 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 64 Resp: 4848

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



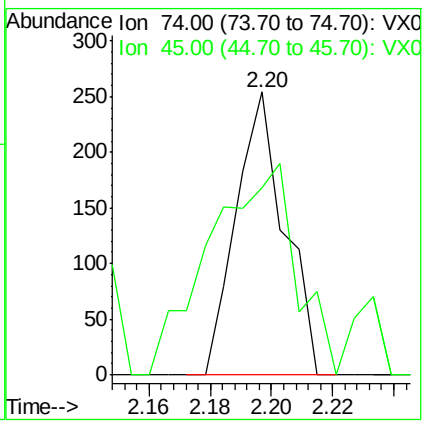


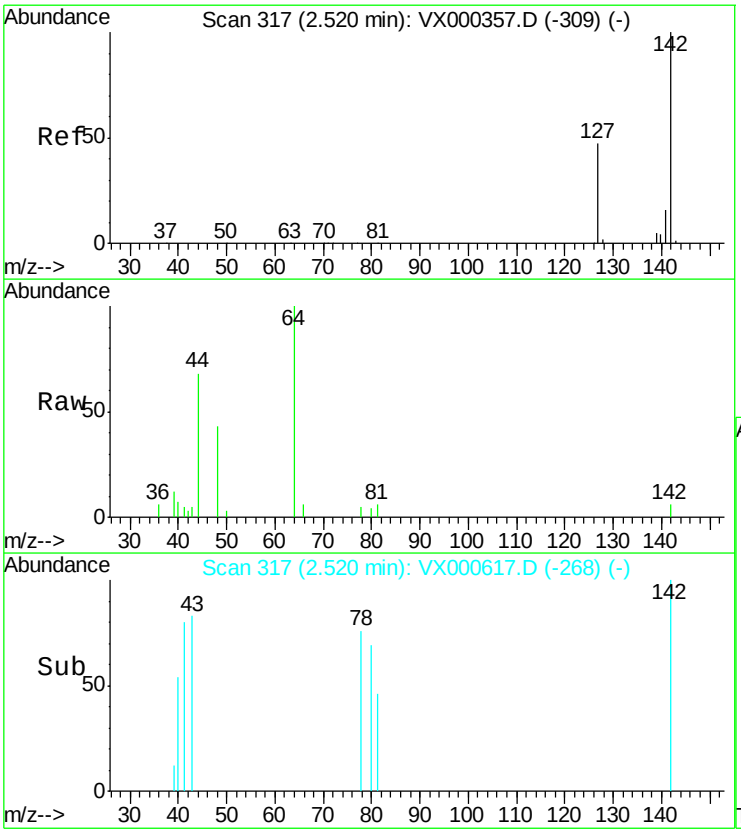
#8
Diethyl Ether
Concen: 0.316 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 278

Ion	Ratio	Lower	Upper
74	100		
45	134.5	45.1	135.3

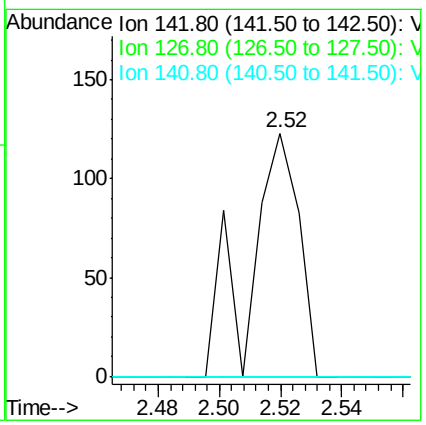


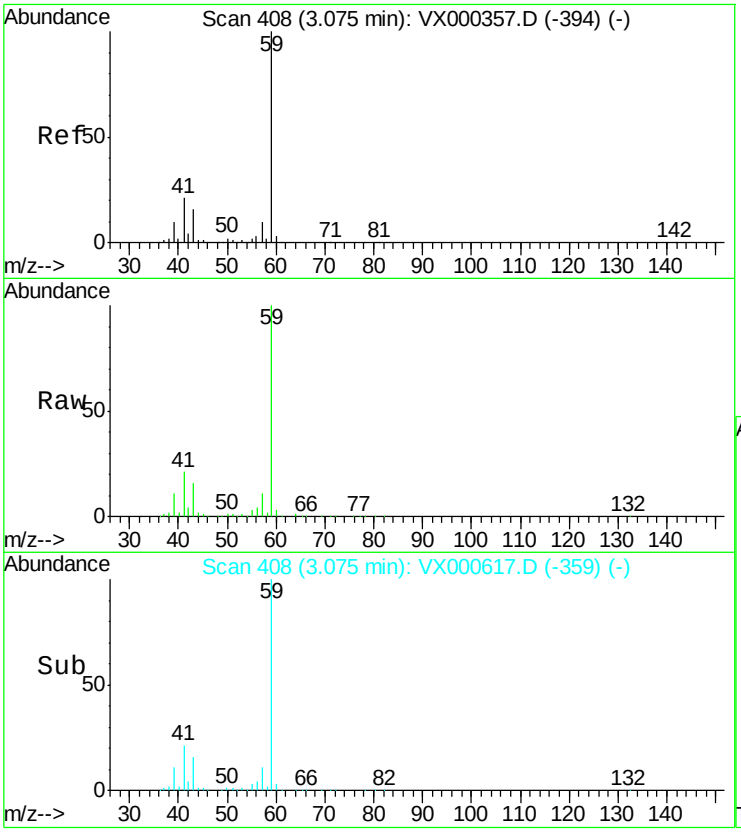


#10
Methyl Iodide
Concen: 4.368 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion:142 Resp: 138

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#



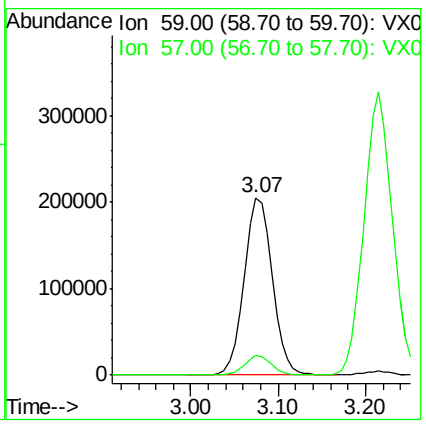


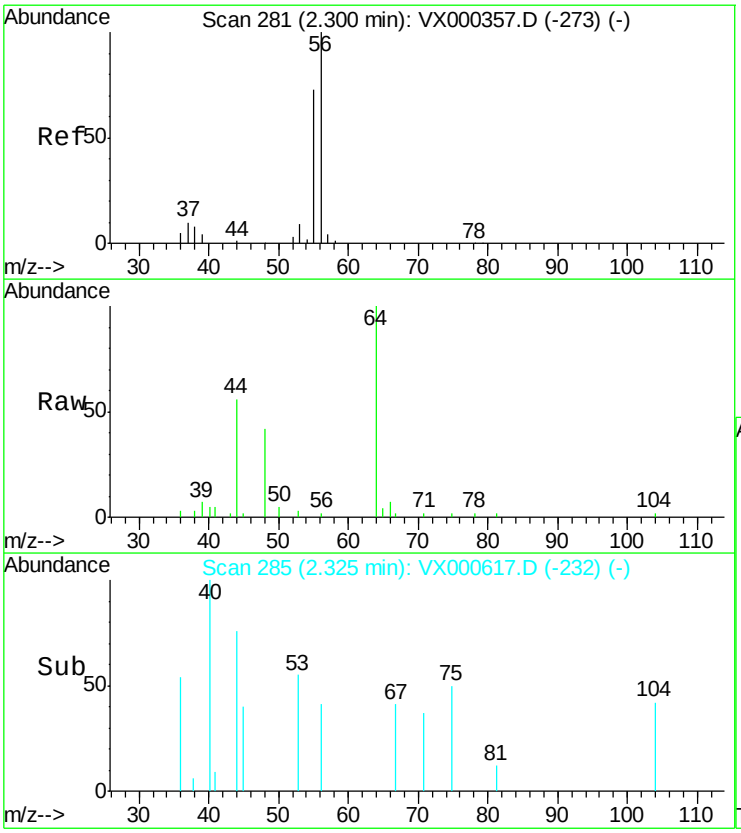
#11
Tert butyl alcohol
Concen: 921.285 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 460502

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

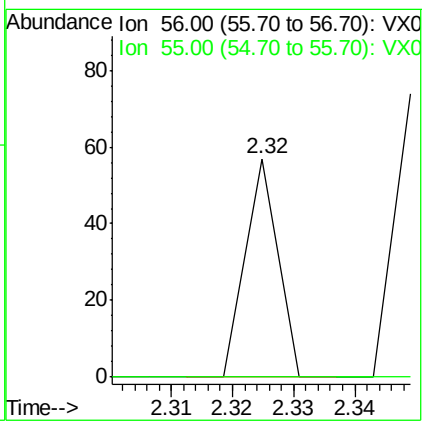


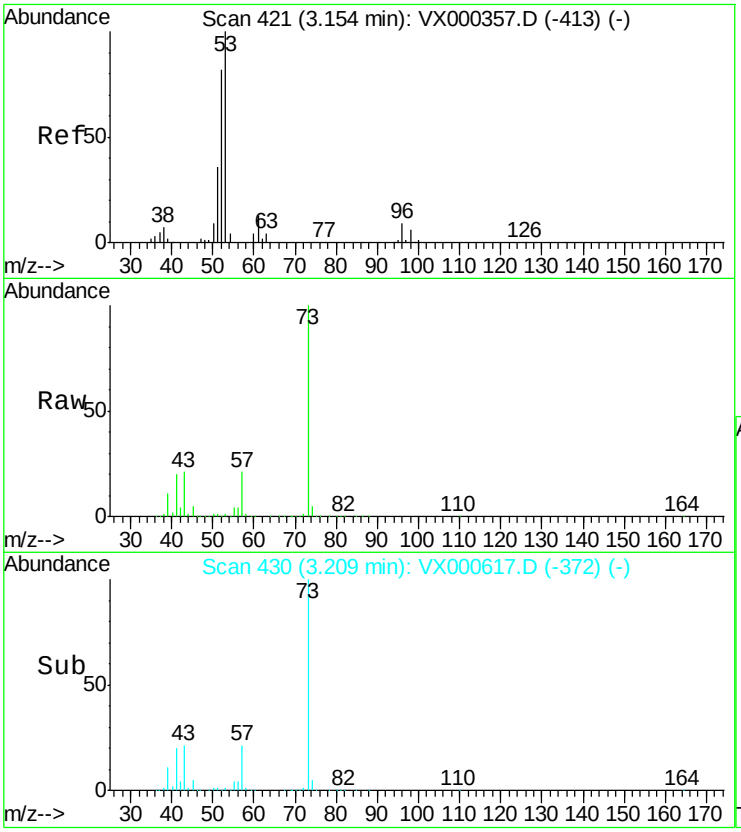


#13
Acrolein
Concen: 14.702 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#



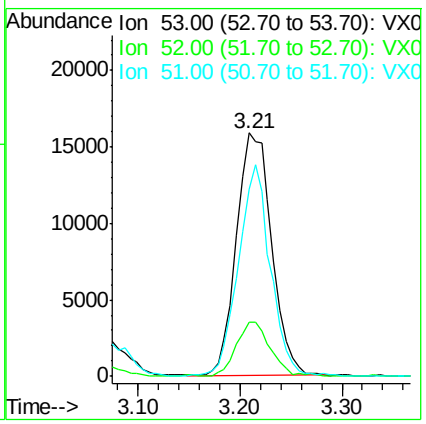


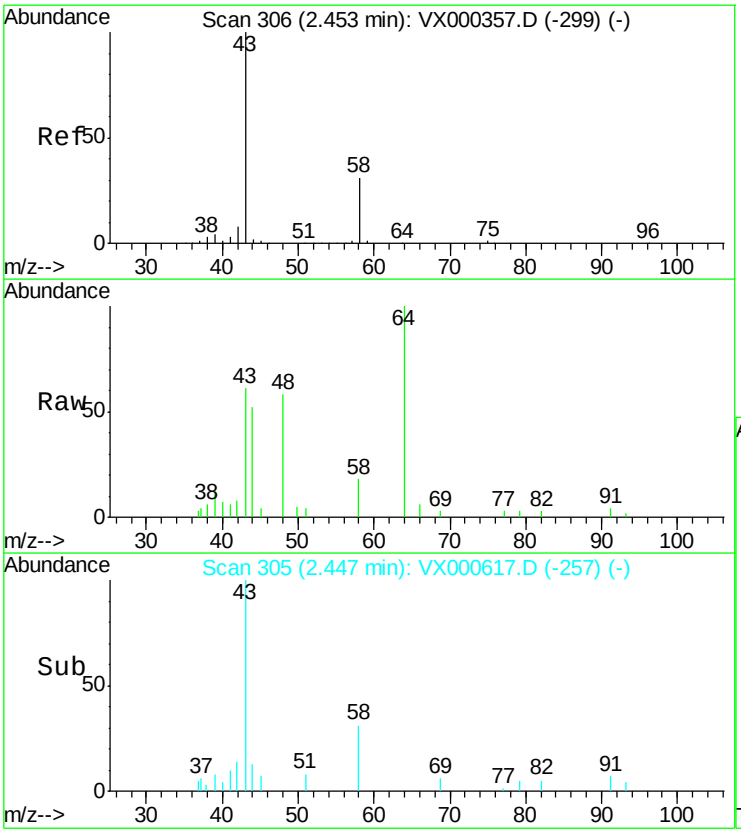
#15
Acrylonitrile
Concen: 37.766 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.05 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 38233

Ion	Ratio	Lower	Upper
53	100		
52	21.5	66.6	99.8#
51	79.4	29.3	43.9#

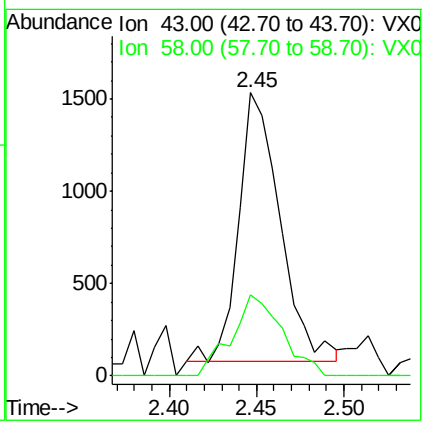


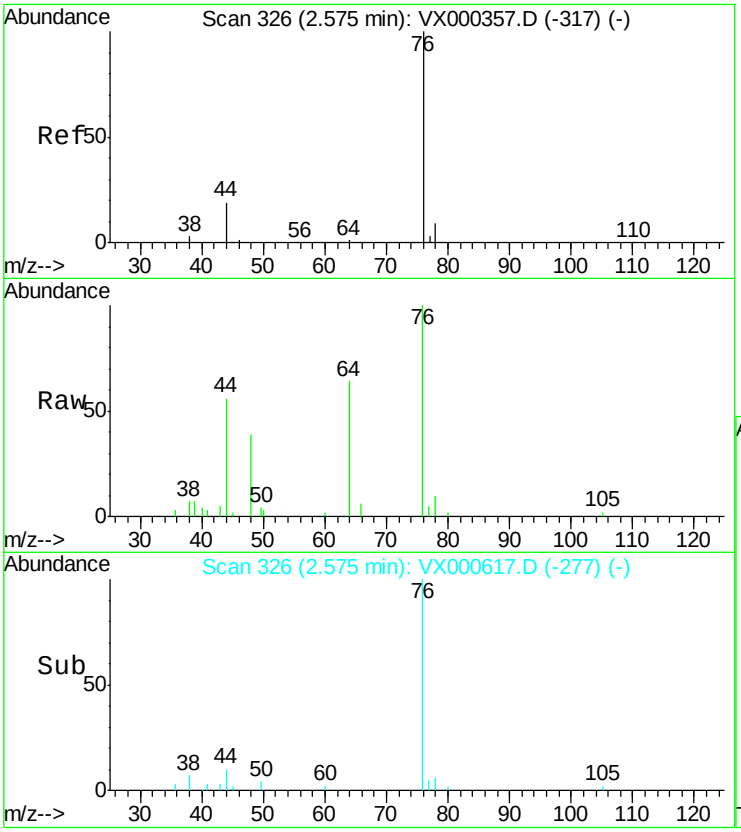


#16
Acetone
Concen: 1.971 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 43 Resp: 2383

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.7	37.1



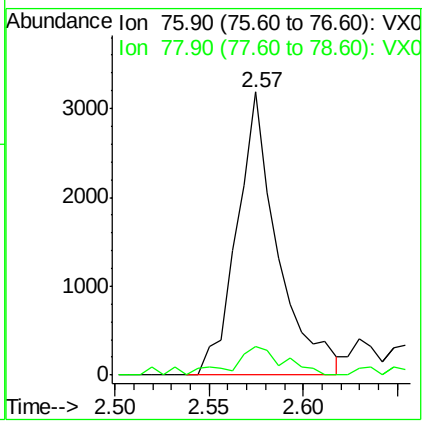


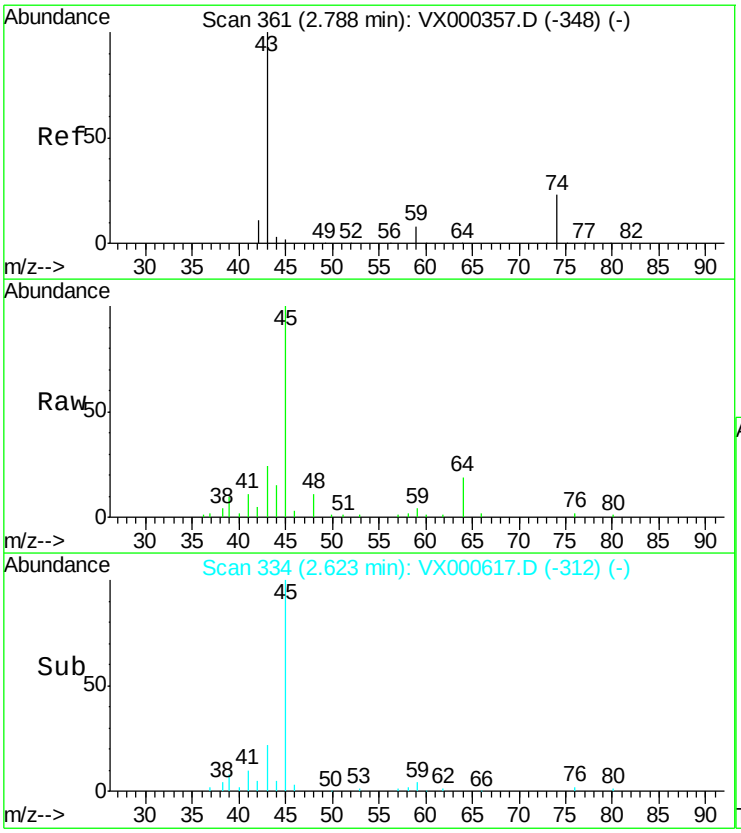
#17
Carbon Disulfide
Concen: 1.497 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4759

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.6

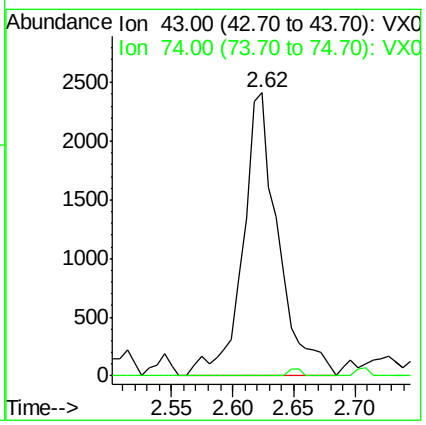


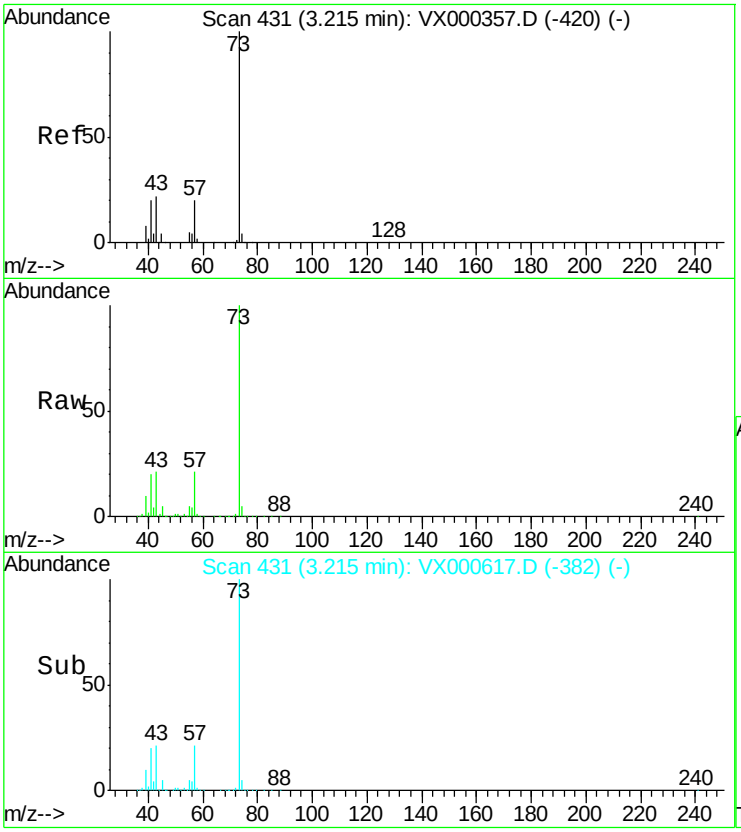


#18
Methyl Acetate
Concen: 1.915 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.16 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 43 Resp: 4854

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



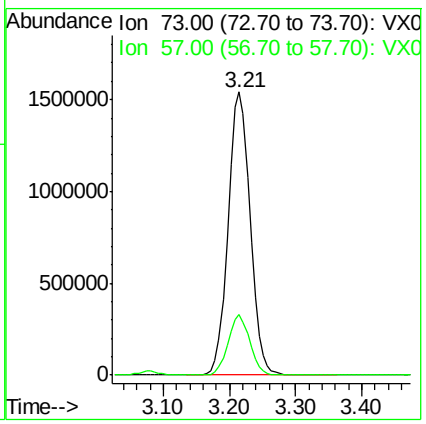


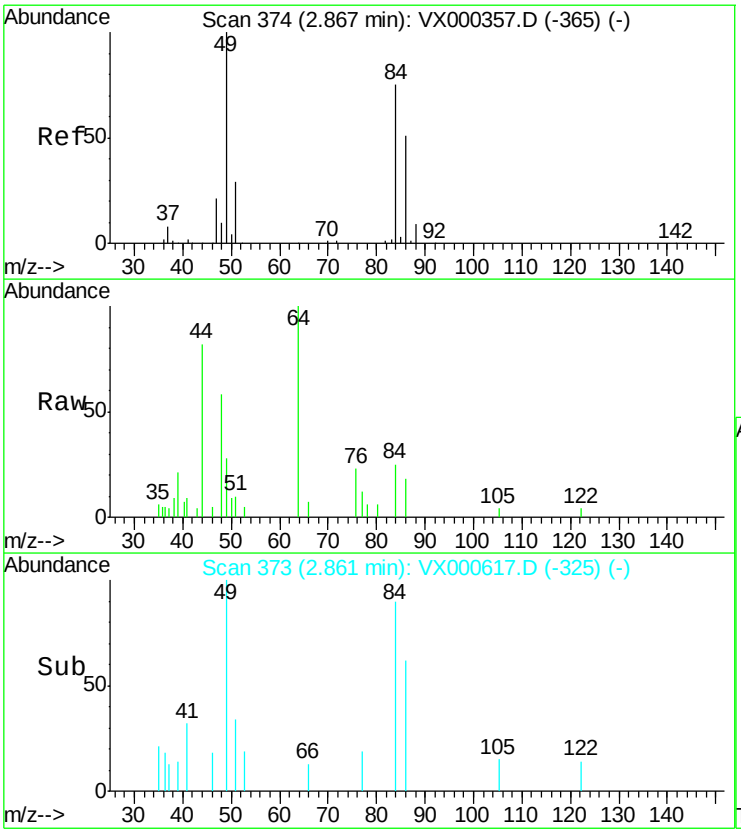
#19
Methyl tert-butyl Ether
Concen: 792.093 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 3534834

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.2	25.8

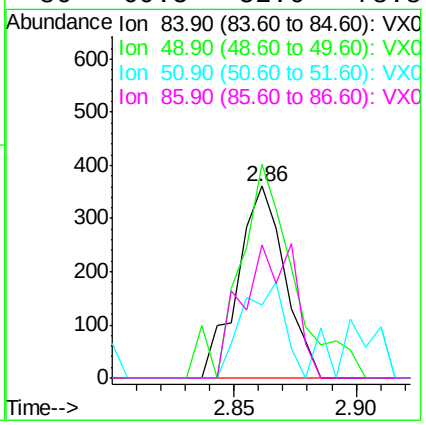


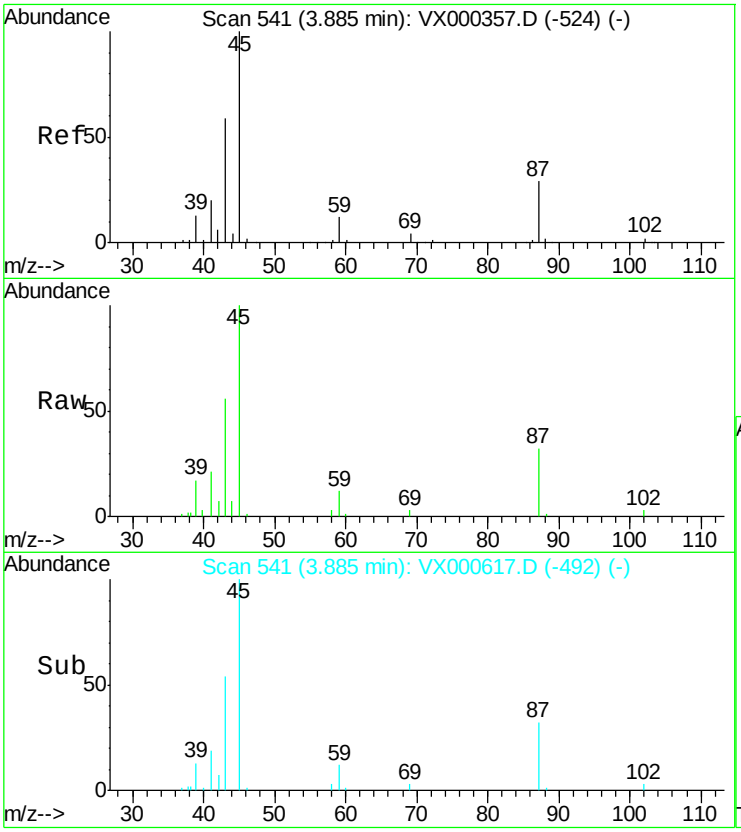


#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 84 Resp: 487

Ion	Ratio	Lower	Upper
84	100		
49	111.4	100.6	151.0
51	38.0	31.6	47.4
86	69.5	52.6	78.8



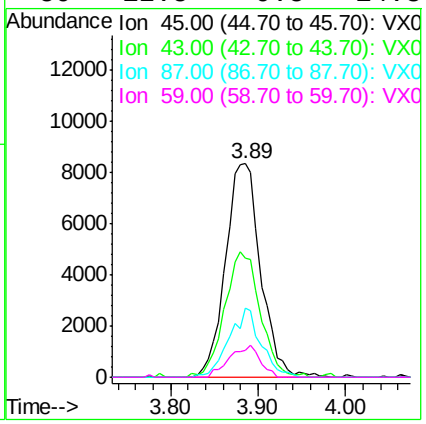


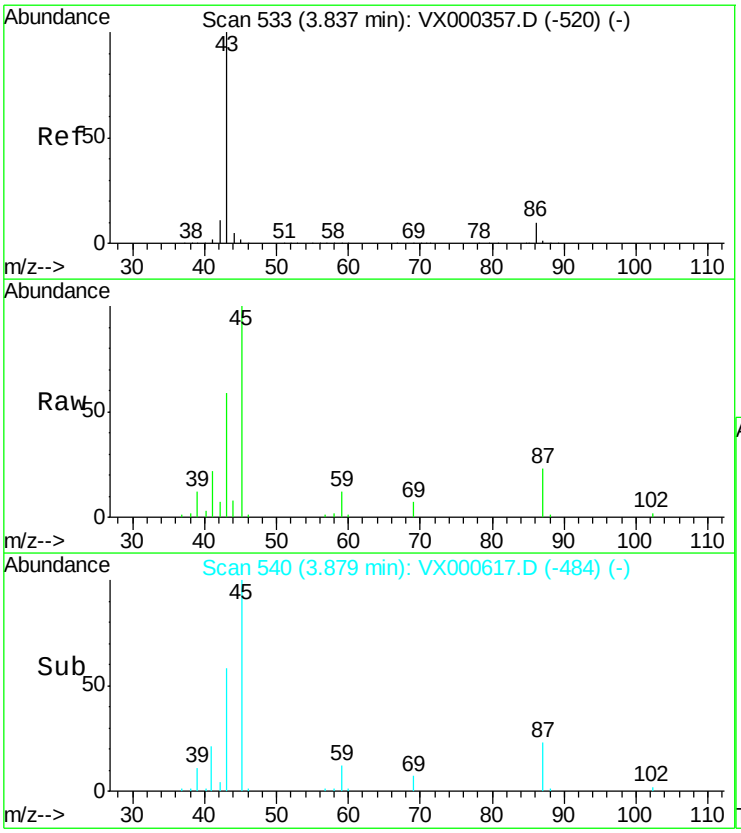
#22
Diisopropyl ether
Concen: 6.203 ug/l
RT: 3.89 min Scan# 541
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 23399

Ion	Ratio	Lower	Upper
45	100		
43	55.9	53.9	80.9
87	32.4	22.6	34.0
59	12.5	9.5	14.3

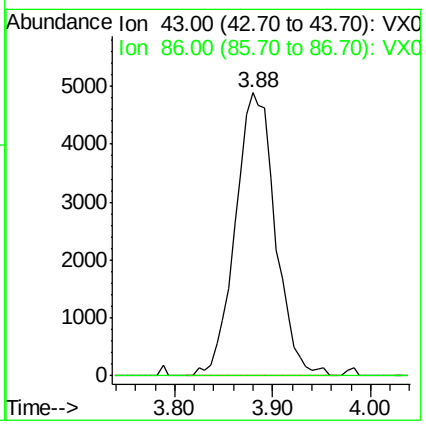


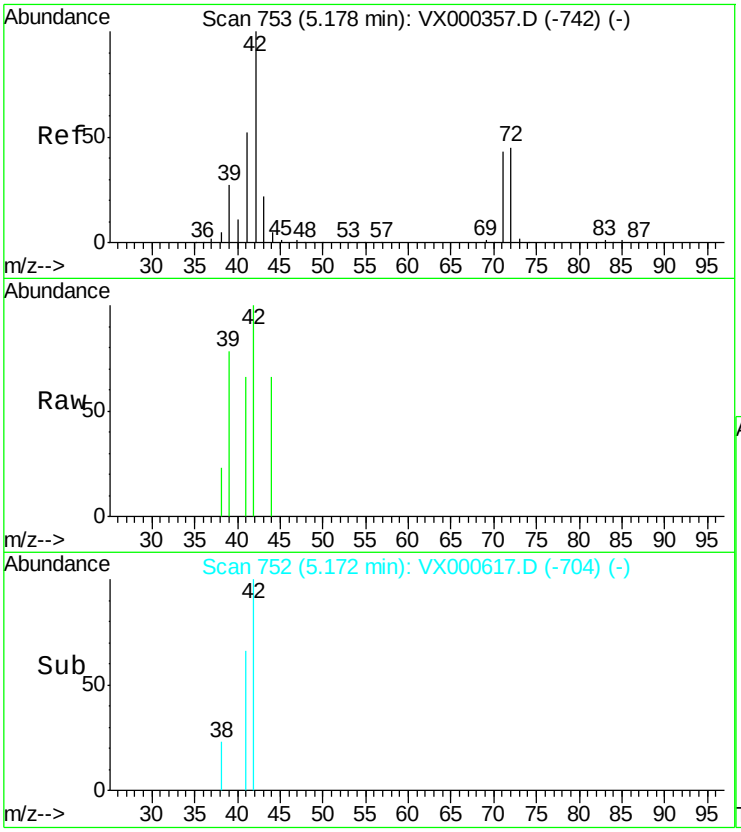


#23
Vinyl Acetate
Concen: 3.867 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.04 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 43 Resp: 13829

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#



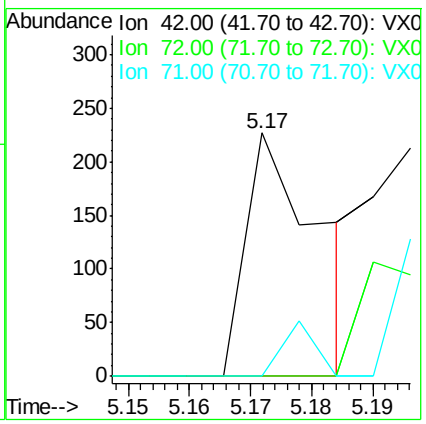


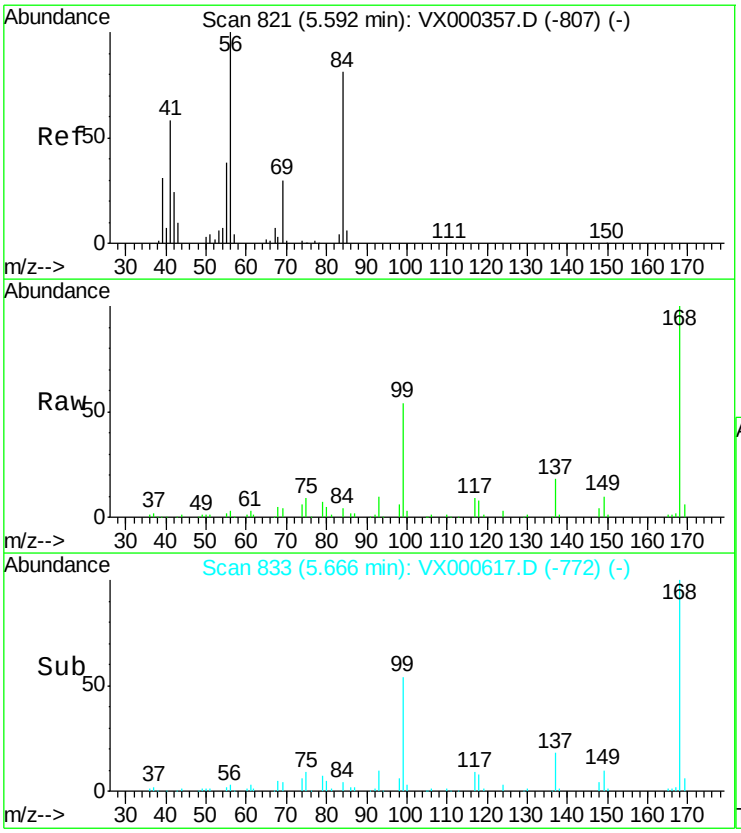
#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 187

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.9	56.9#
71	0.0	34.4	51.6#

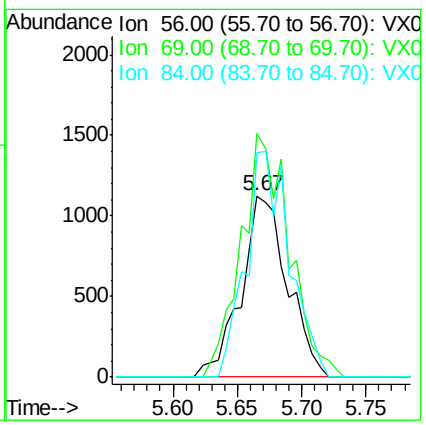


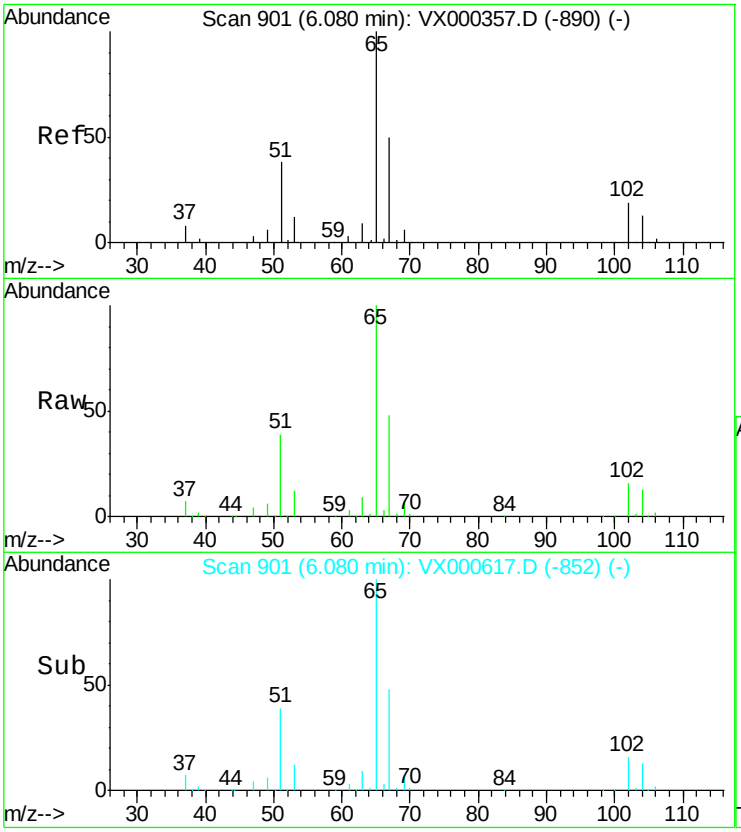


#31
Cyclohexane
Concen: 1.533 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 56 Resp: 2810

Ion	Ratio	Lower	Upper
56	100		
69	134.6	23.4	35.0#
84	123.7	71.0	106.4#



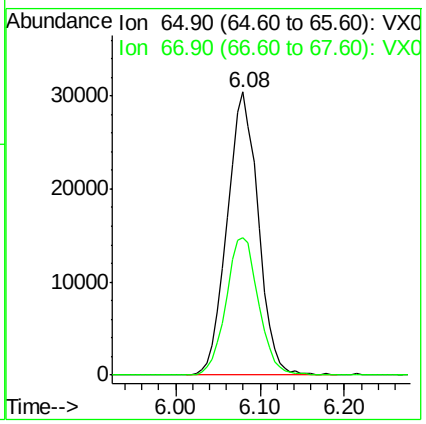


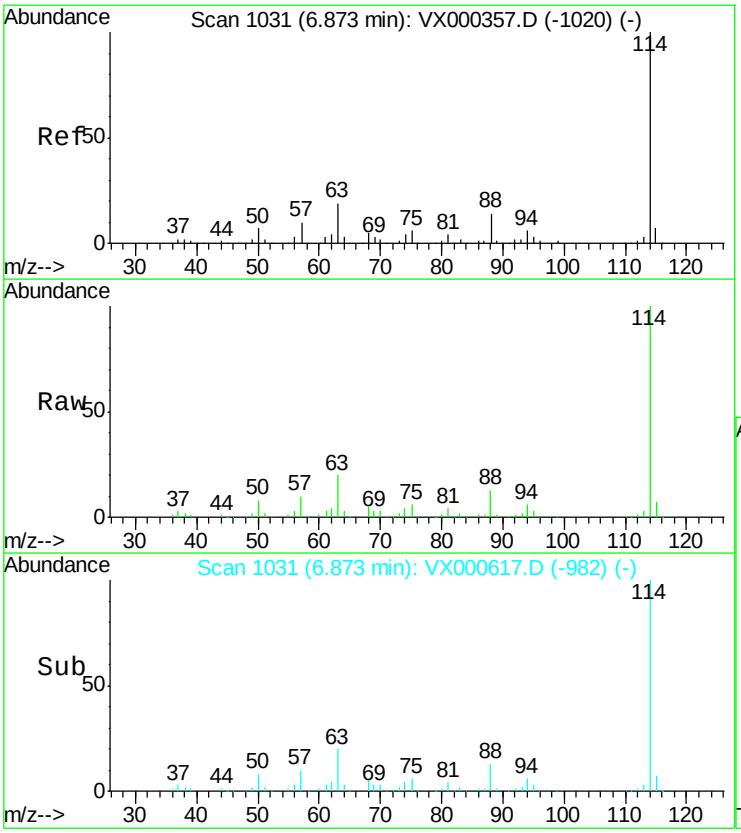
#33
1,2-Dichloroethane-d4
Concen: 52.346 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 76066

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.2

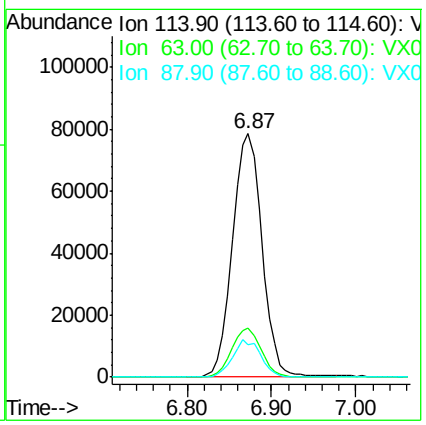


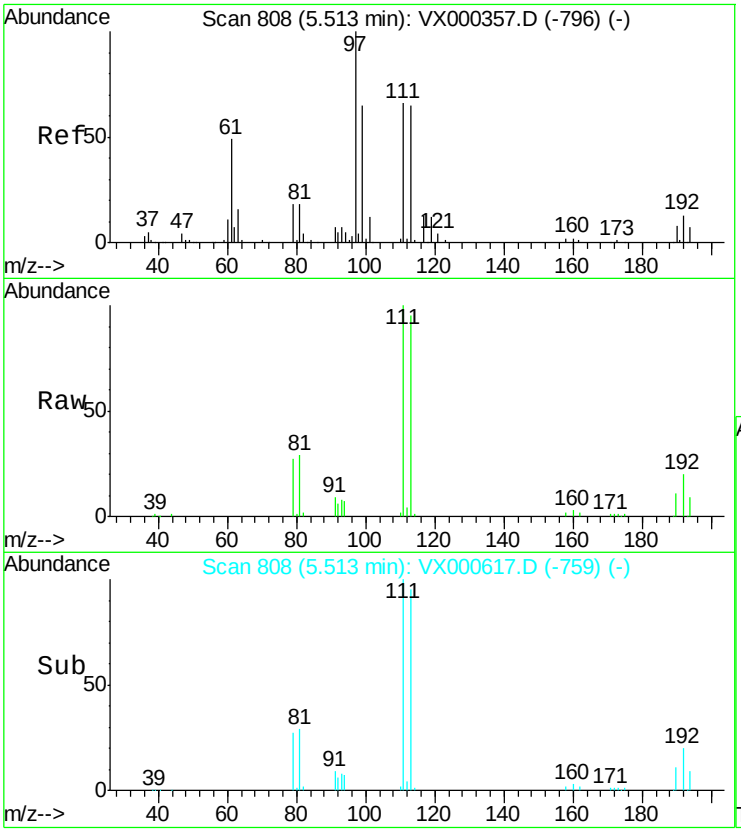


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion:114 Resp: 185969

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	13.3	0.0	27.0



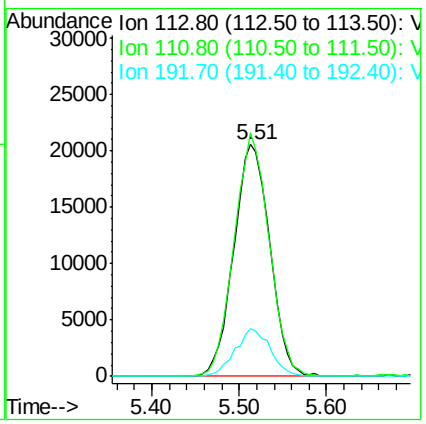


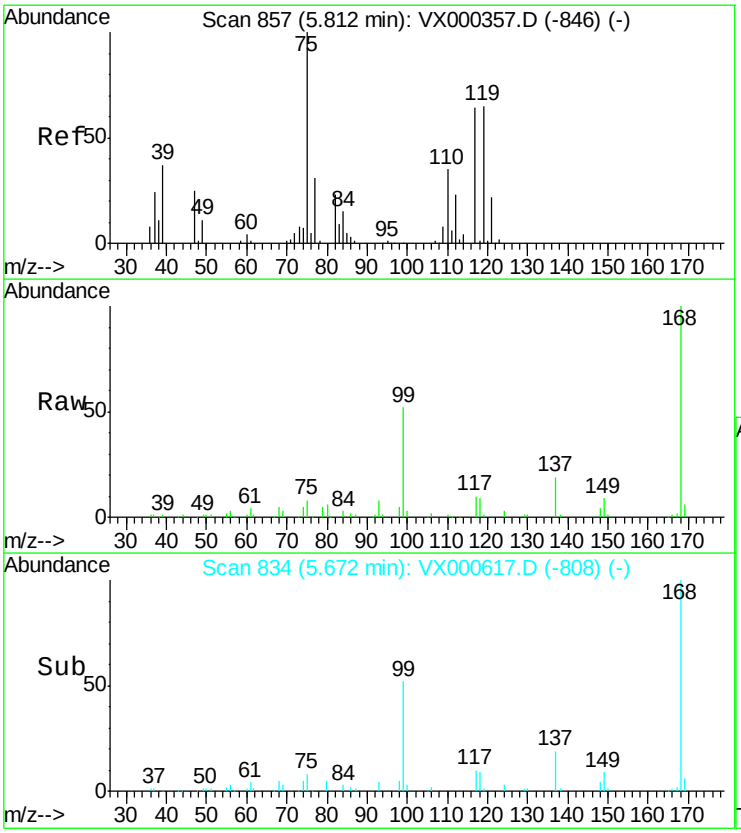
#35
Dibromofluoromethane
Concen: 50.312 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 58954

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.1	15.8	23.6

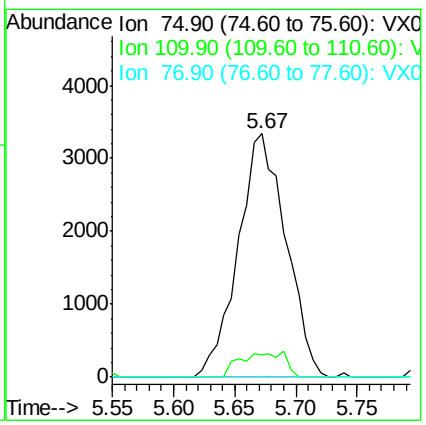


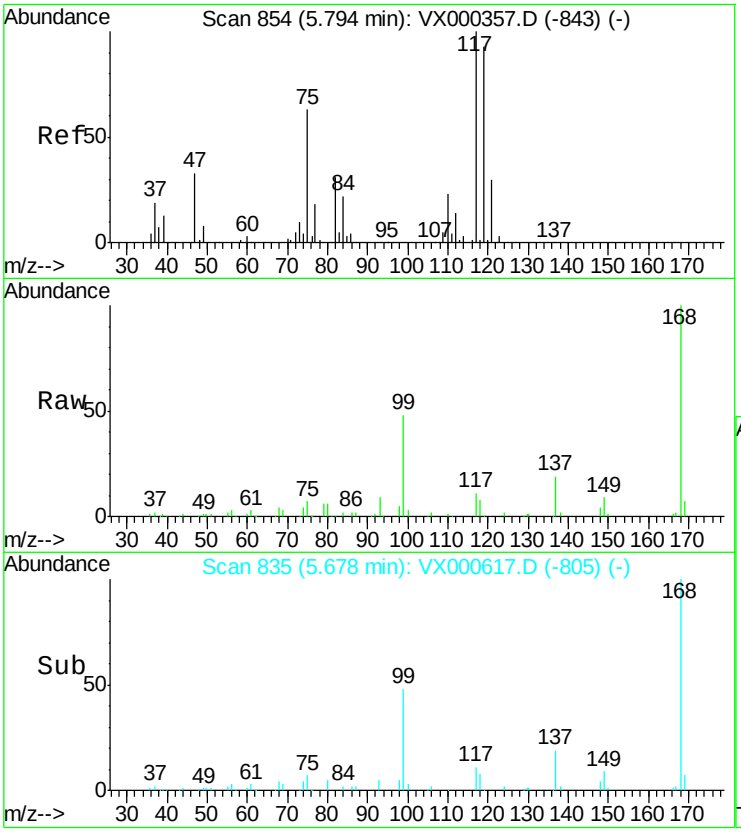


#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 75 Resp: 9063

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.9	53.7#
77	0.0	24.0	36.0#



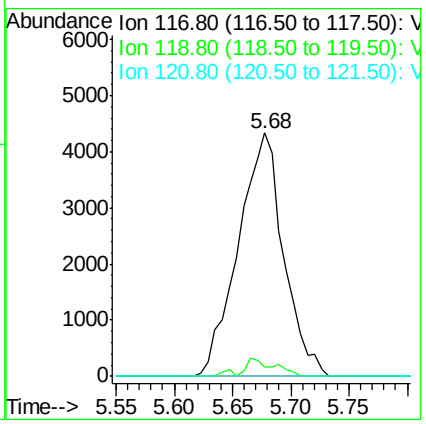


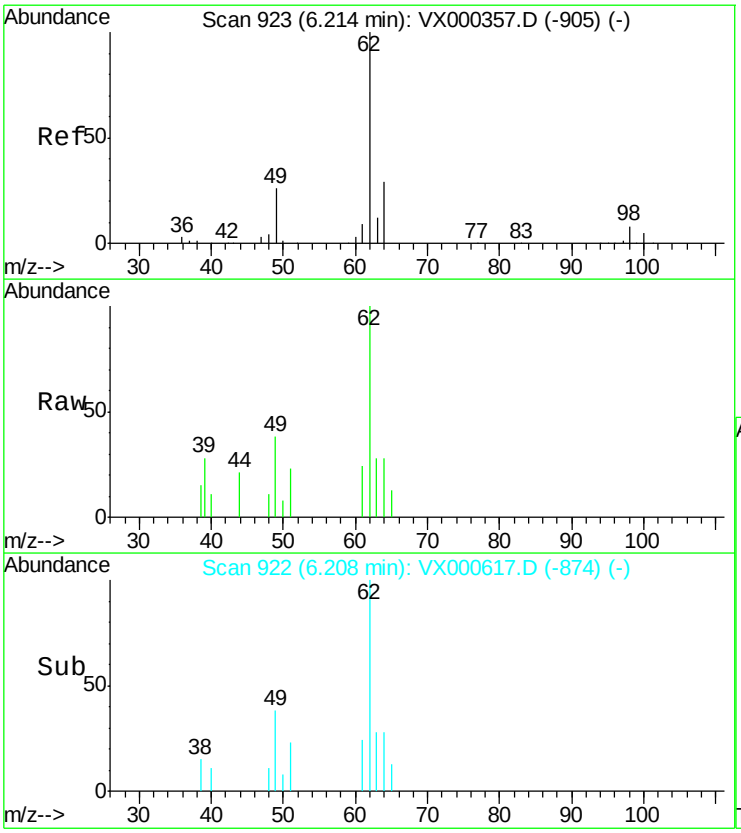
#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 11690

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.4	116.2#
121	0.0	24.8	37.2#

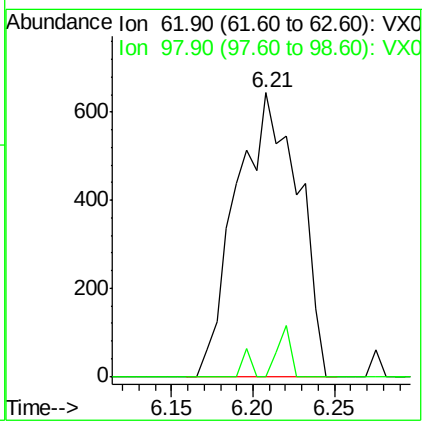


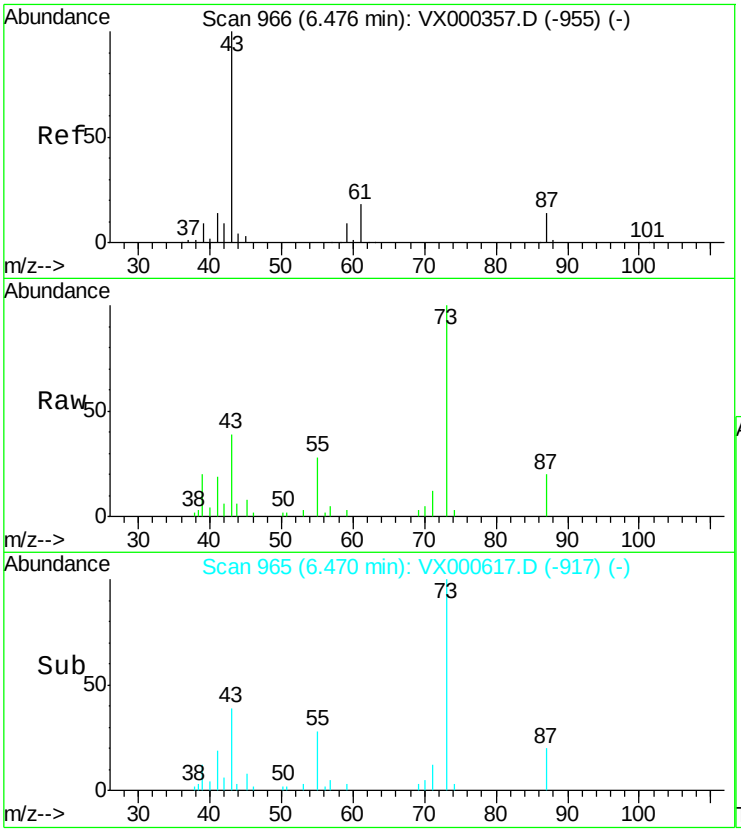


#42
1,2-Dichloroethane
Concen: 0.859 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 62 Resp: 1705

Ion	Ratio	Lower	Upper
62	100		
98	1.3	0.0	15.8



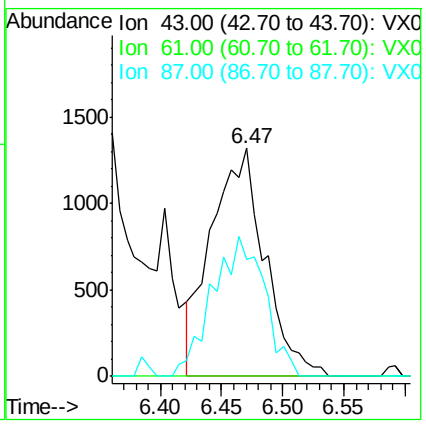


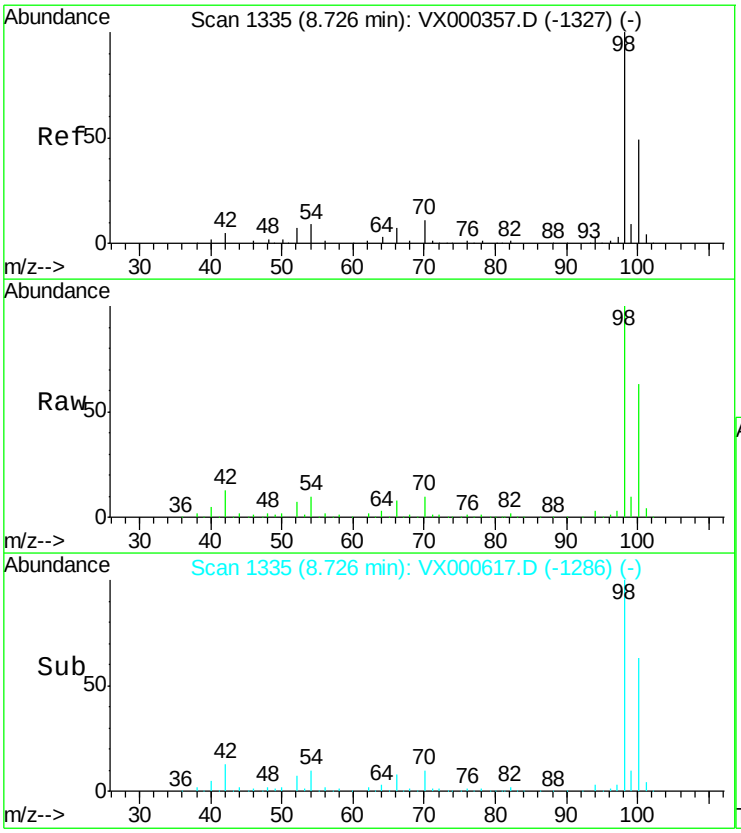
#43
Isopropyl Acetate
Concen: 1.132 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4008

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	59.5	11.0	16.4#

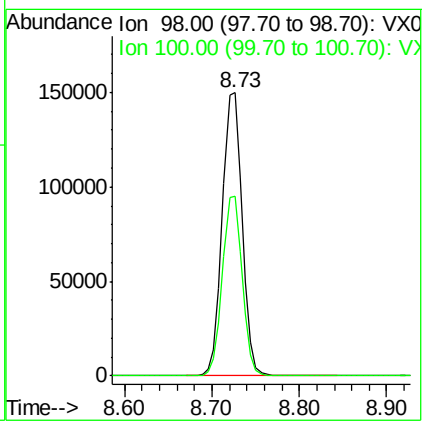


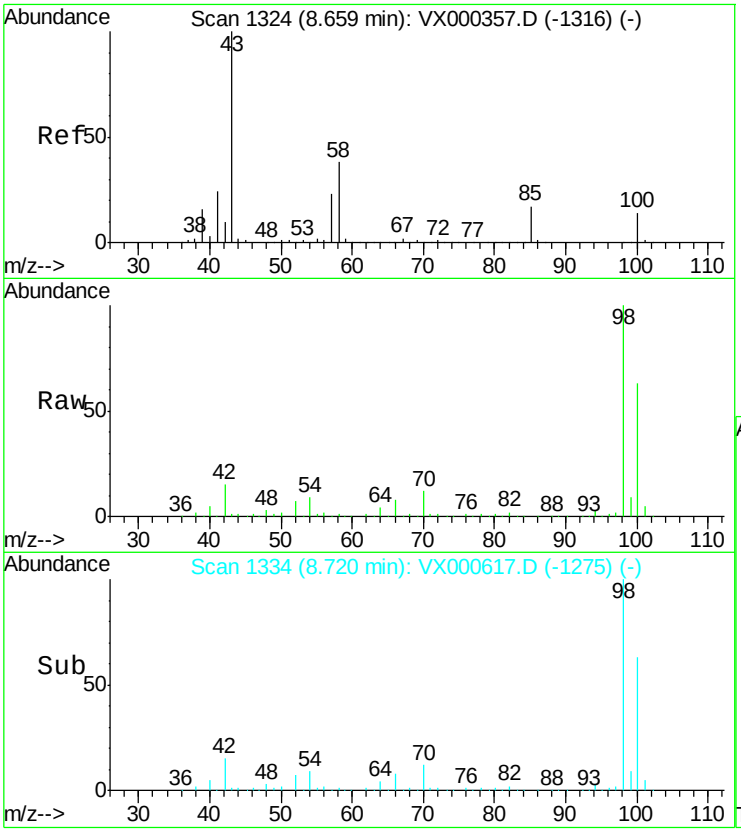


#50
Toluene-d8
Concen: 48.858 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 98 Resp: 237109

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.2	76.8



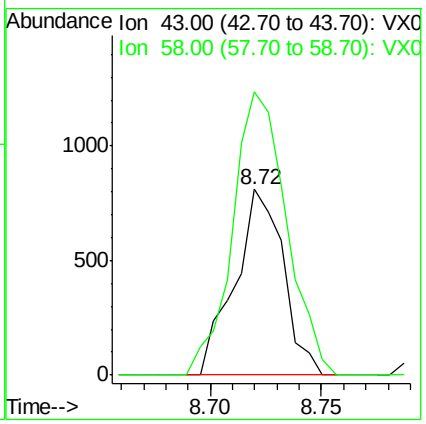


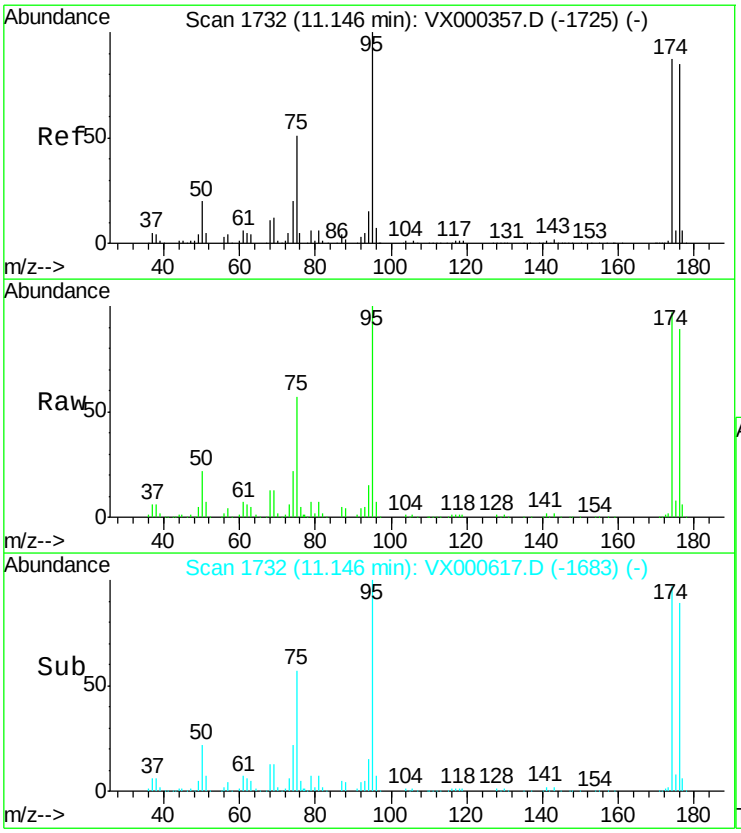
#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1227

Ion	Ratio	Lower	Upper
43	100		
58	170.3	30.3	45.5#

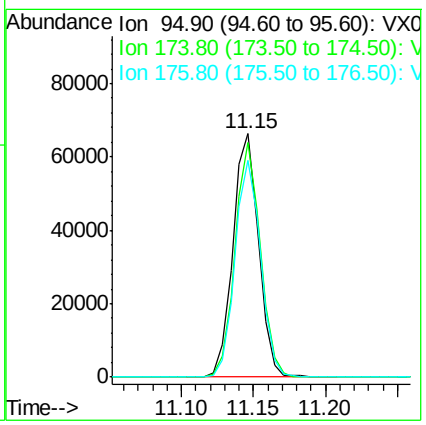


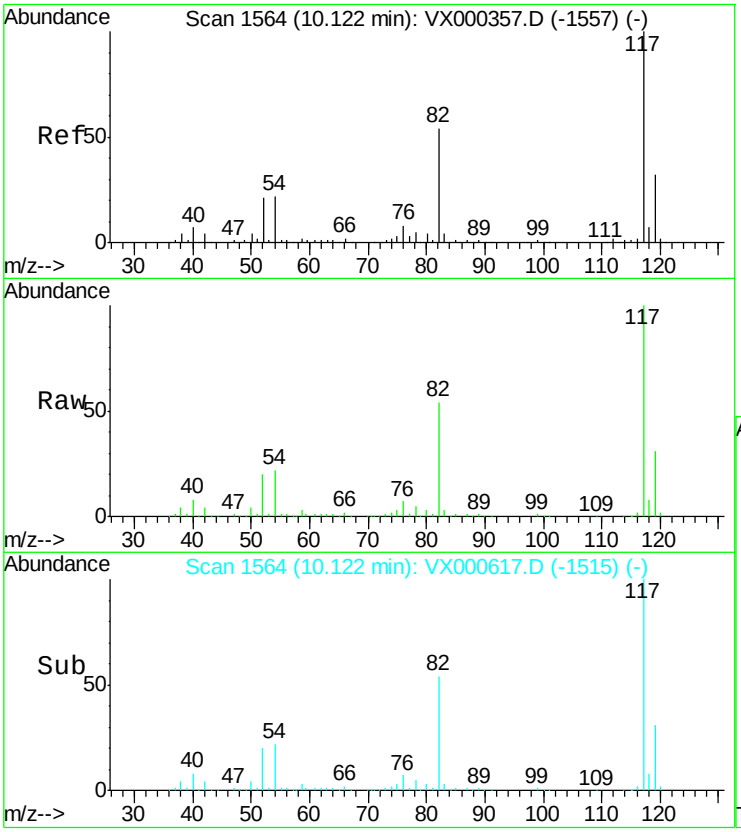


#62
4-Bromofluorobenzene
Concen: 41.500 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 95 Resp: 82650

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	173.6
176	88.5	0.0	164.6



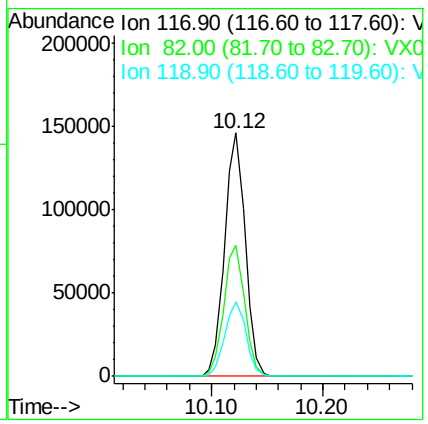


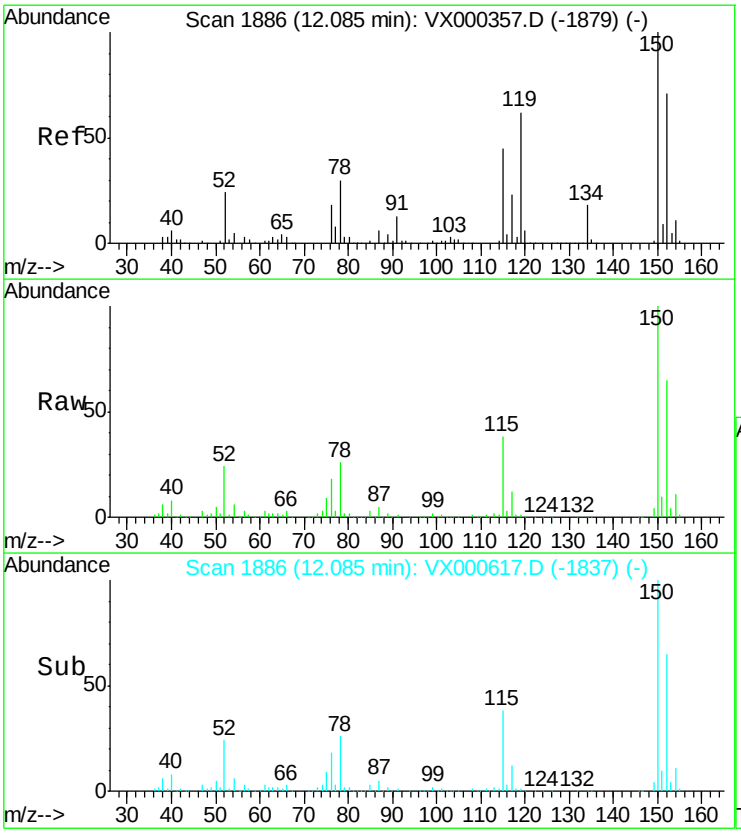
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 188109

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.8
119	30.9	24.9	37.3

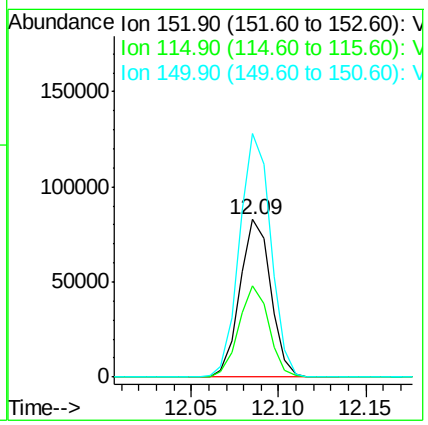


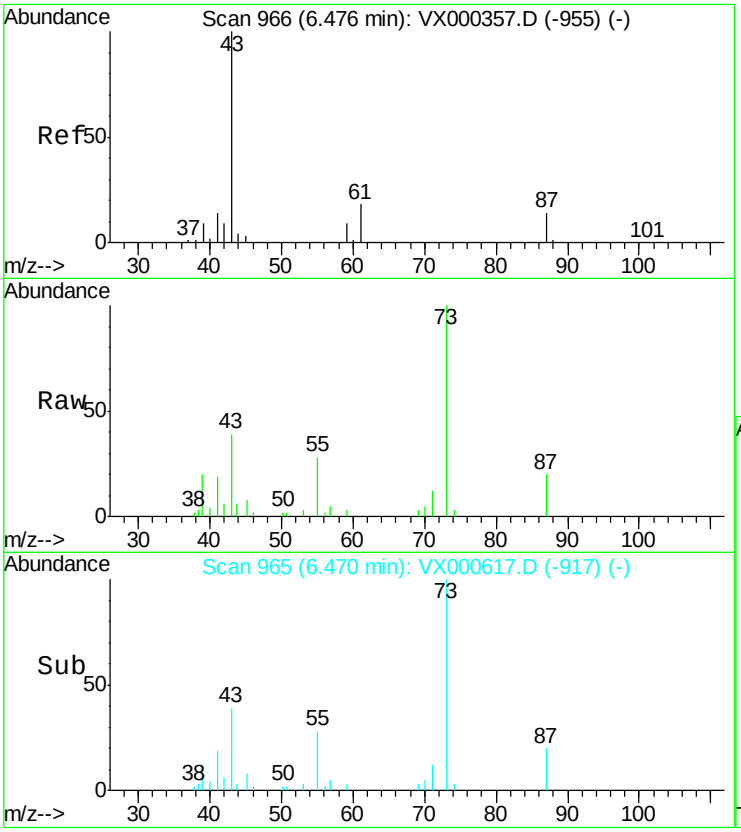


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion:152 Resp: 101683

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.8	119.3
150	156.7	0.0	344.4



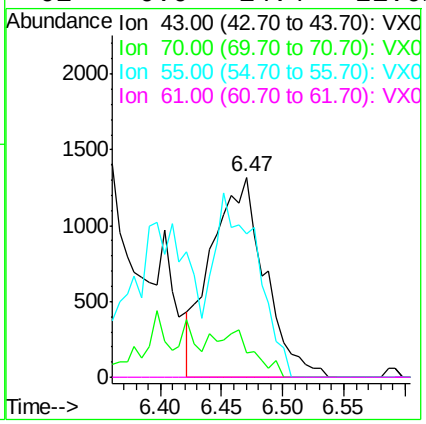


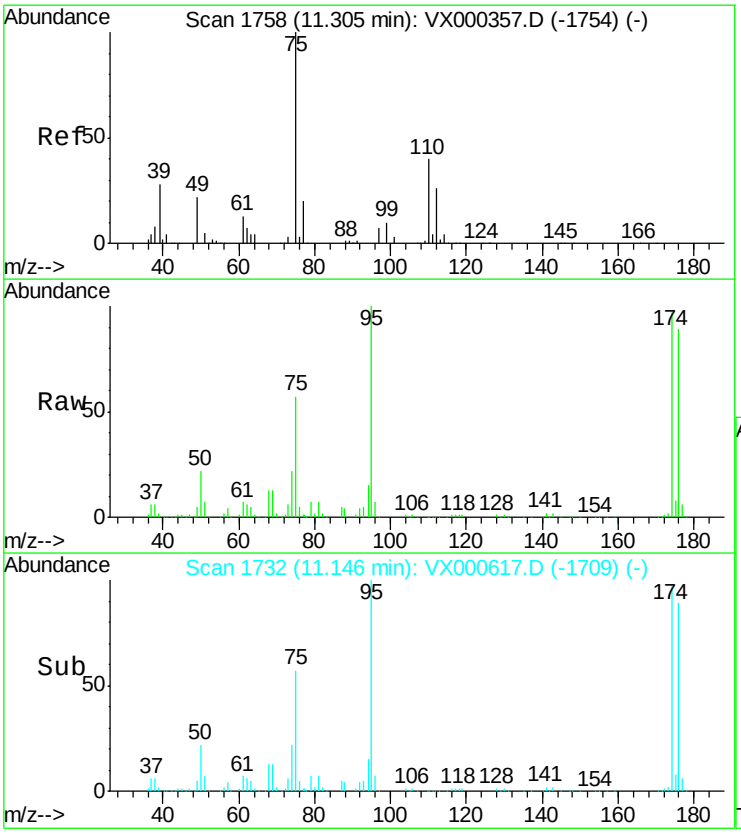
#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4008

Ion	Ratio	Lower	Upper
43	100		
70	18.1	0.0	0.0#
55	75.1	0.0	0.0#
61	0.0	14.4	21.6#

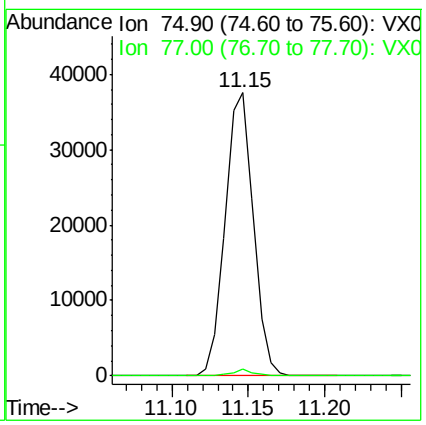


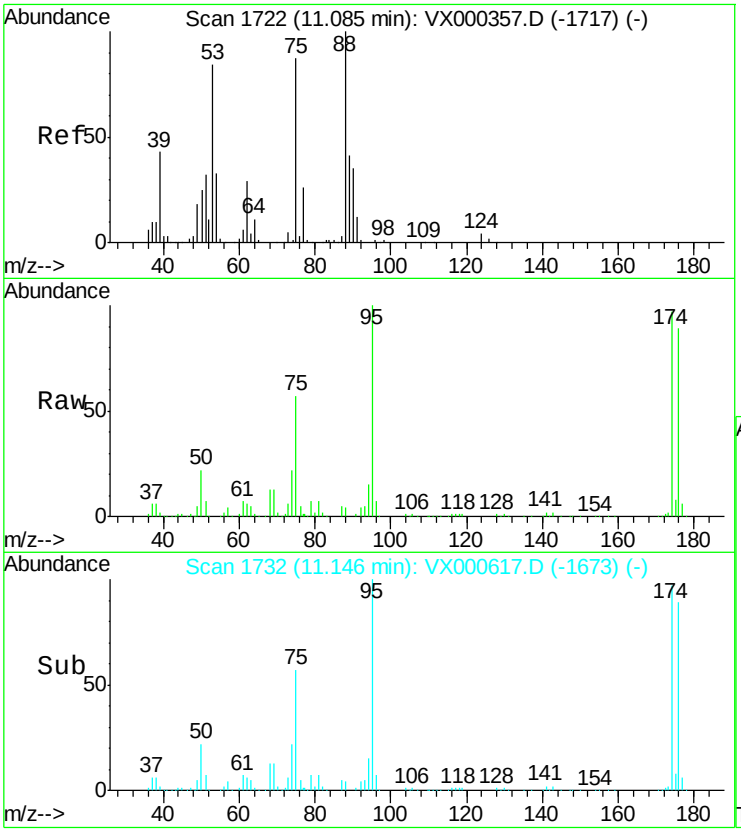


#76
1,2,3-Trichloropropane
Concen: 21.896 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion: 75 Resp: 47849

Ion	Ratio	Lower	Upper
75	100		
77	1.7	21.4	64.2#



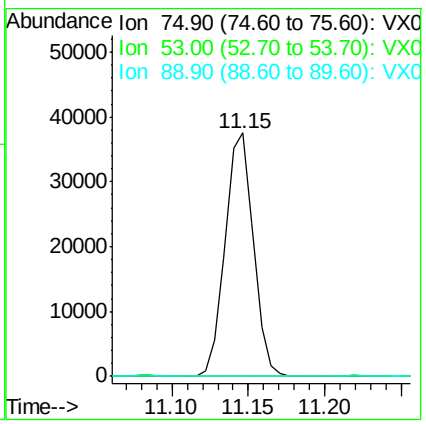


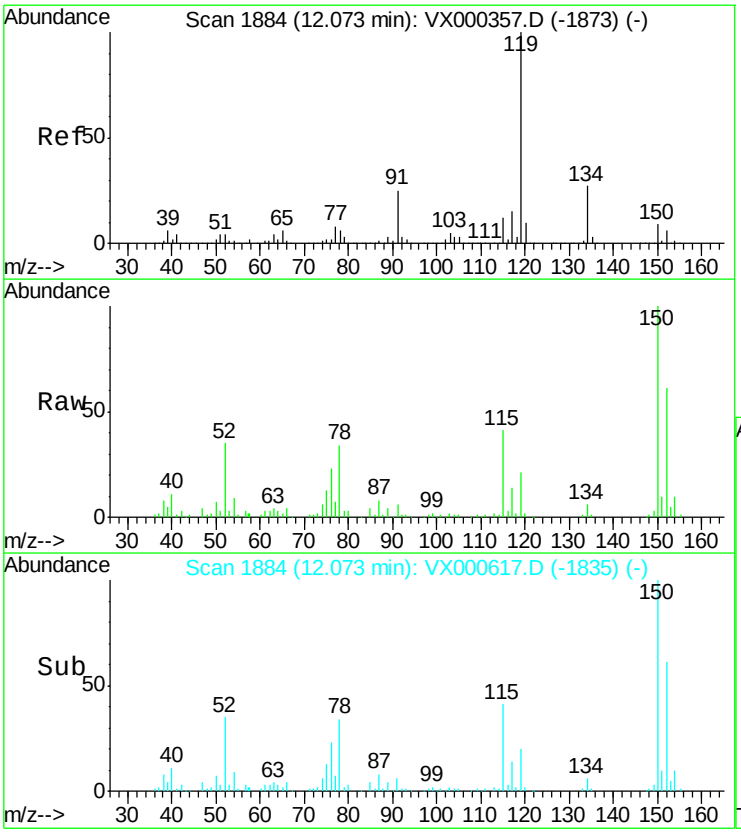
#81
trans-1,4-Dichloro-2-butene
Concen: 70.890 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47849

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





#86
p-Isopropyltoluene
Concen: 1.285 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion:119 Resp: 8067

Ion	Ratio	Lower	Upper
119	100		
134	29.3	13.3	39.9
91	34.2	12.0	36.1