Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000618.D
Acq On : 01 Apr 2018 02:47
Operator : JC/MD
Sample : J2150-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:26:46 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	107314	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	178756	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	178520	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95524	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	70947	50.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.30%				
35) Dibromofluoromethane	5.51	113	55843	49.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.16%				
50) Toluene-d8	8.73	98	222957	47.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.60%				
62) 4-Bromofluorobenzene	11.15	95	77383	40.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.16%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	512	0.371	ug/l	#	30
6) Chloroethane	1.75	64	178	Below Cal		#	86
10) Methyl Iodide	2.53	142	212	4.423	ug/l	#	57
11) Tert butyl alcohol	3.07	59	68183	141.502	ug/l		99
13) Acrolein	2.28	56	25	14.731	ug/l	#	78
14) Allyl chloride	2.74	41	207	Below Cal		#	22
15) Acrylonitrile	3.22	53	7090	7.265	ug/l	#	28
16) Acetone	2.45	43	1211	1.039	ug/l		97
17) Carbon Disulfide	2.56	76	682	0.235	ug/l	#	39
19) Methyl tert-butyl Ether	3.21	73	627163	145.785	ug/l		98
20) Methylene Chloride	2.86	84	311	0.231	ug/l	#	80
22) Diisopropyl ether	3.88	45	4353	1.197	ug/l		89
23) Vinyl Acetate	3.89	43	2995	0.869	ug/l	#	72
29) Tetrahydrofuran	5.18	42	242	0.300	ug/l	#	31
31) Cyclohexane	5.66	56	1542	0.873	ug/l	#	53
36) 1,1-Dichloropropene	5.67	75	8012	4.785	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	10579	6.022	ug/l	#	16
43) Isopropyl Acetate	6.48	43	852	0.250	ug/l	#	23
74) N-amyl acetate	6.48	43	852	Below Cal		#	59
76) 1,2,3-Trichloropropane	11.15	75	45175	22.005	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	45175	71.244	ug/l	#	9
86) p-Isopropyltoluene	12.07	119	1788	0.303	ug/l	#	74

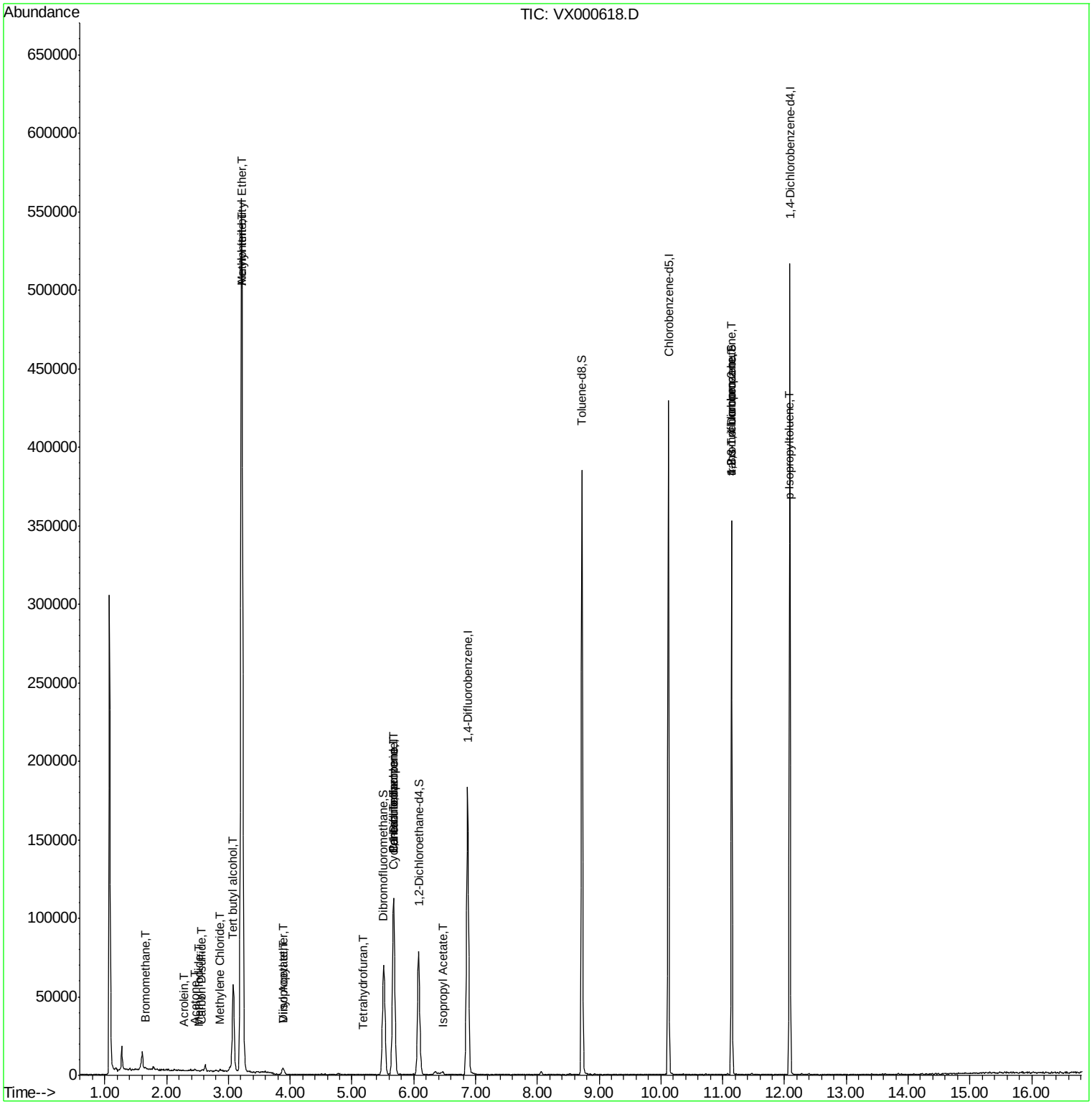
(#) = qualifier out of range (m) = manual integration (+) = signals summed

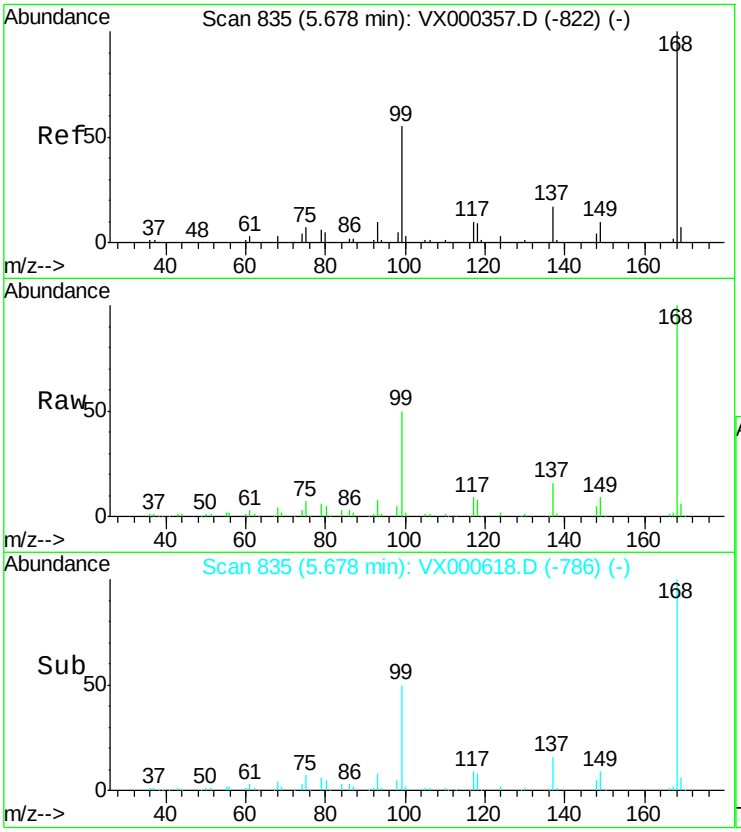
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
Data File : VX000618.D
Acq On : 01 Apr 2018 02:47
Operator : JC/MD
Sample : J2150-07DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:26:46 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



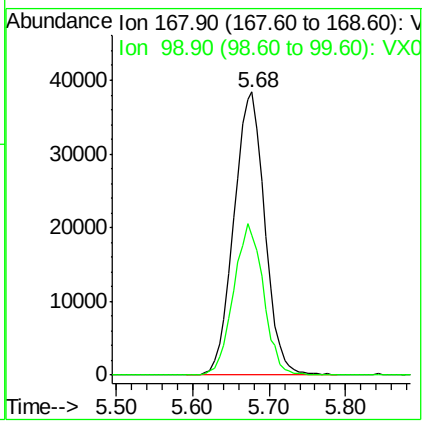


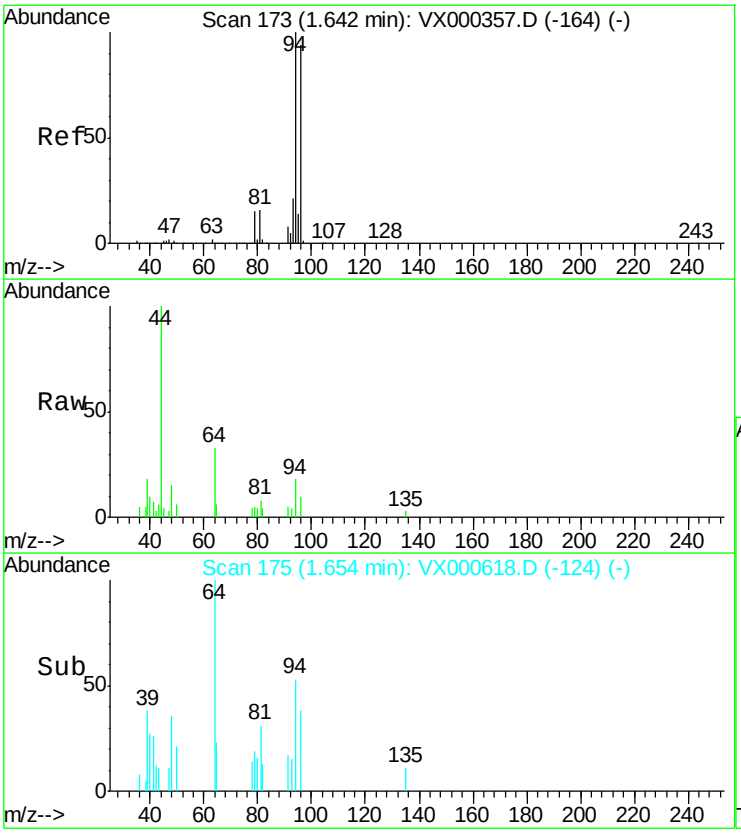
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 107314

Ion	Ratio	Lower	Upper
168	100		
99	49.6	45.8	68.6

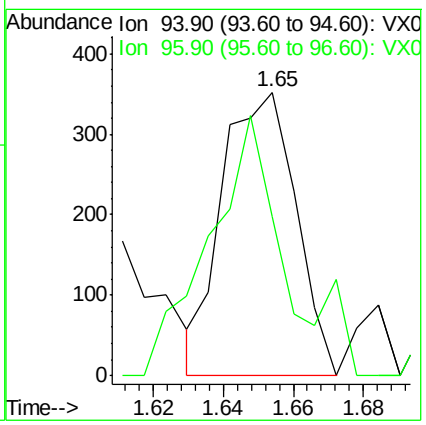


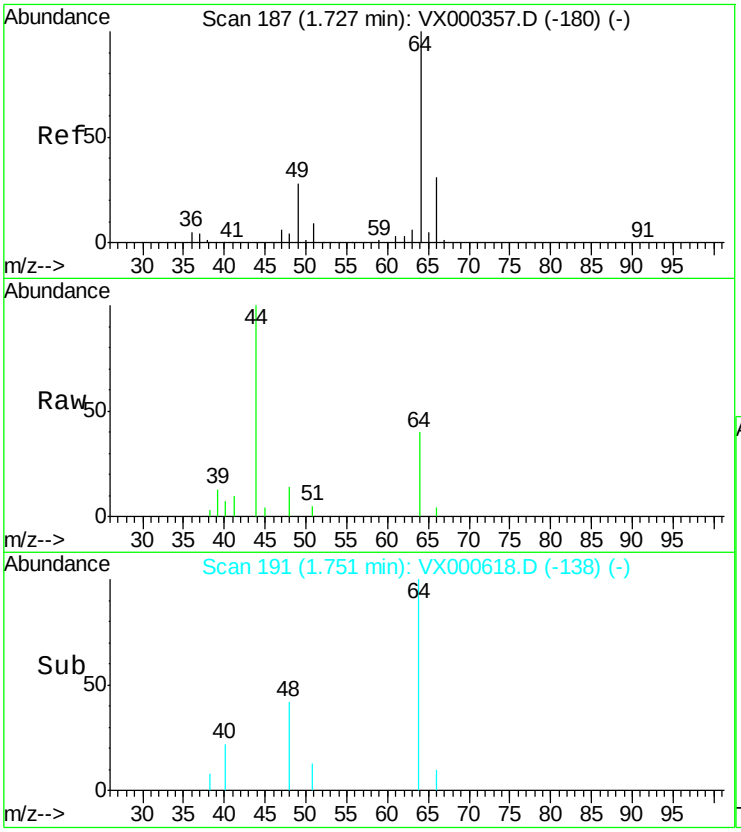


#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 94 Resp: 512

Ion	Ratio	Lower	Upper
94	100		
96	28.1	77.7	116.5#



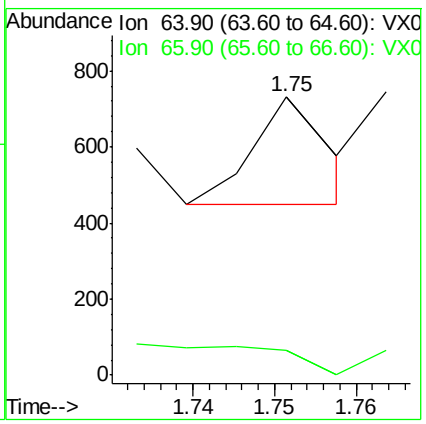


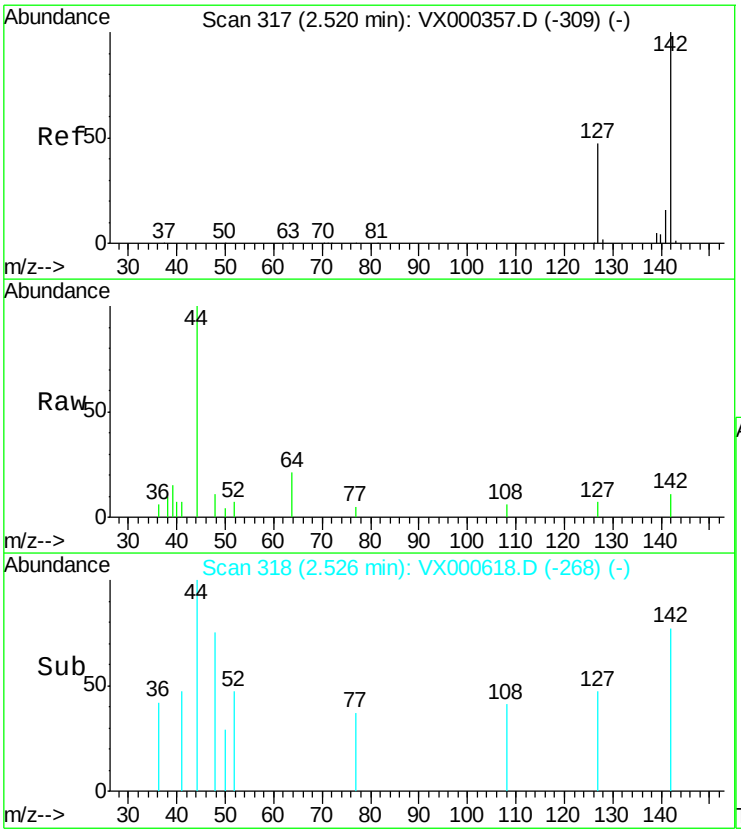
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 178

Ion	Ratio	Lower	Upper
64	100		
66	23.0	24.8	37.2#

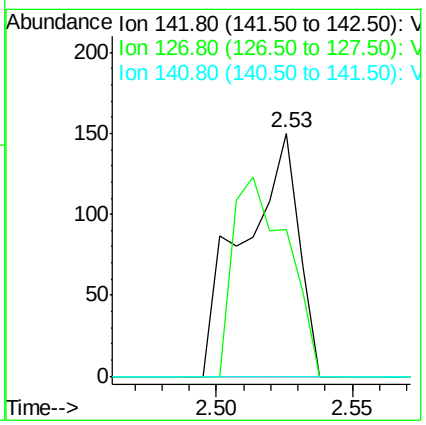


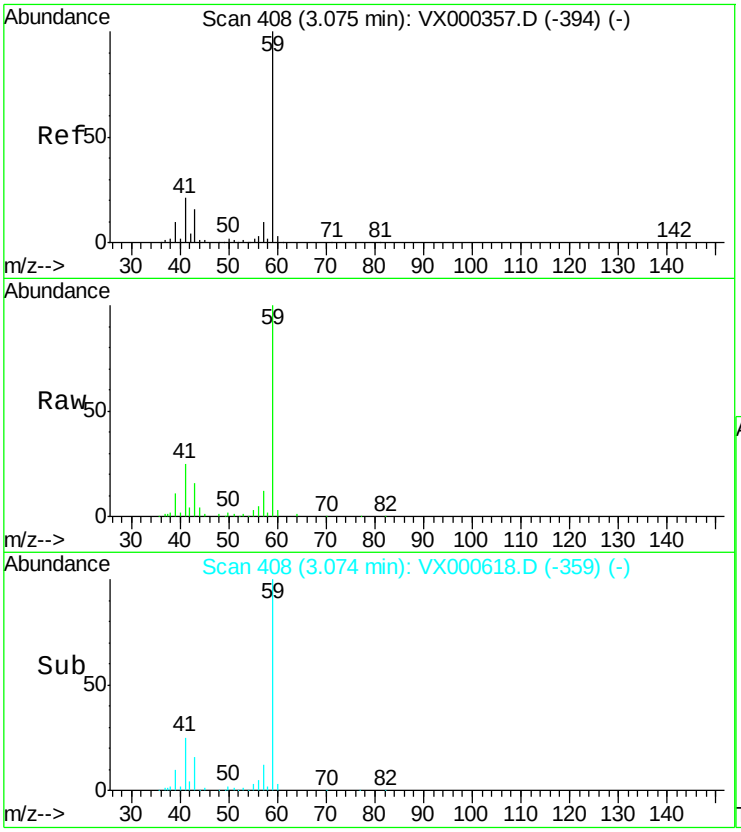


#10
Methyl Iodide
Concen: 4.423 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion:142 Resp: 212

Ion	Ratio	Lower	Upper
142	100		
127	80.2	39.2	58.8#
141	0.0	11.7	17.5#



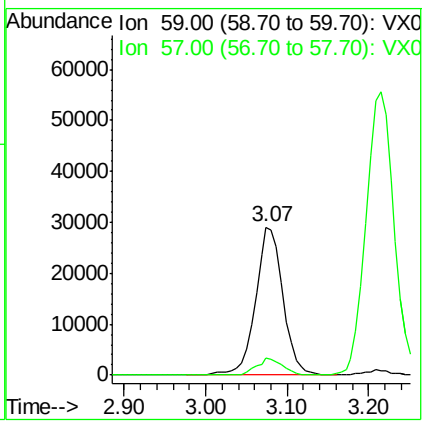


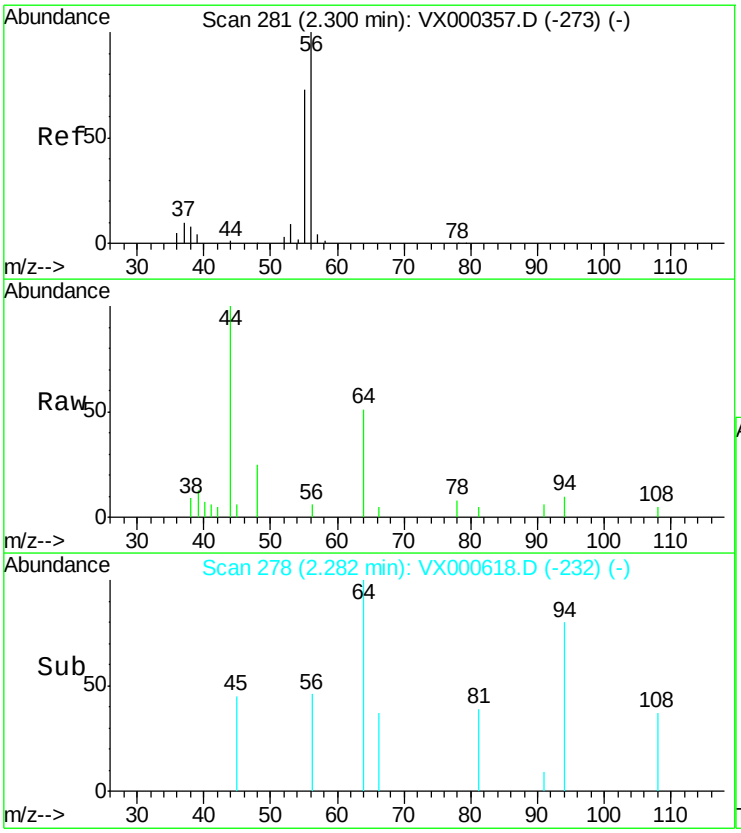
#11
Tert butyl alcohol
Concen: 141.502 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 68183

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

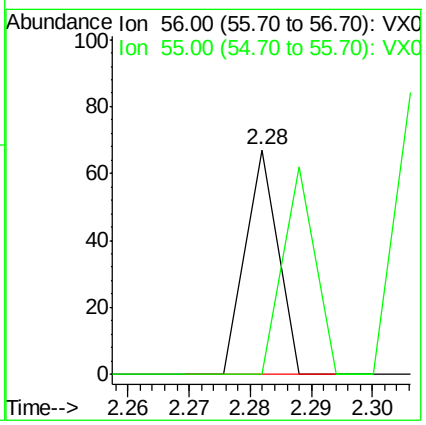


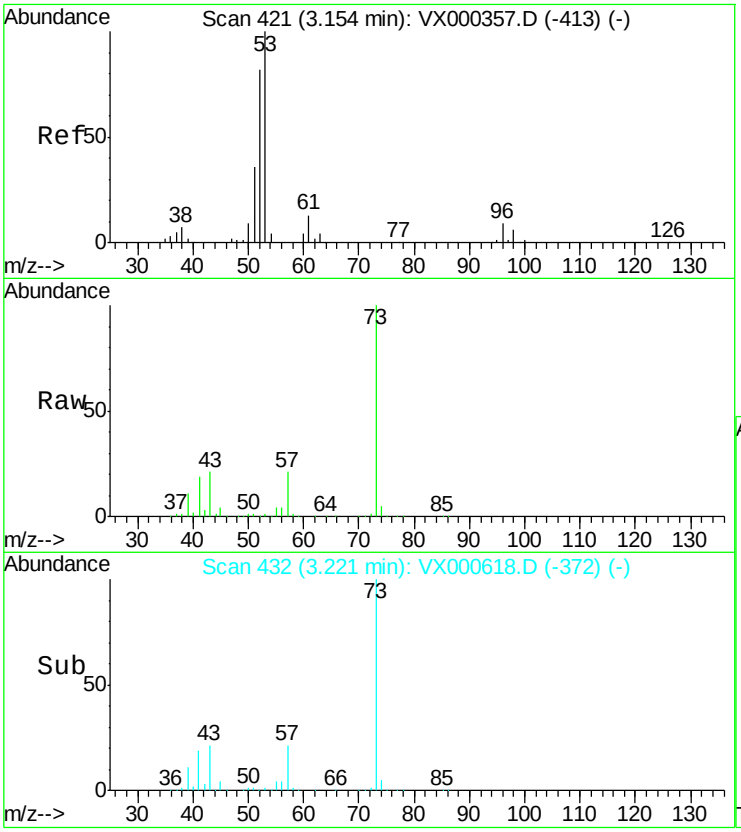


#13
Acrolein
Concen: 14.731 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 56 Resp: 25

Ion	Ratio	Lower	Upper
56	100		
55	92.0	58.8	88.2#



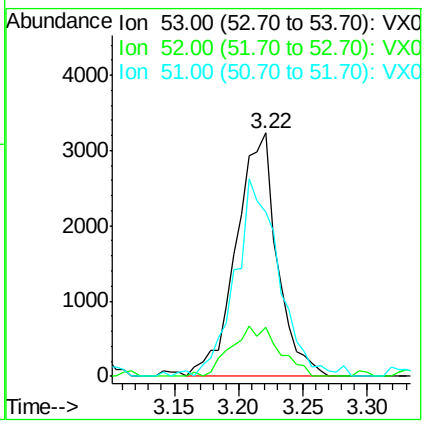


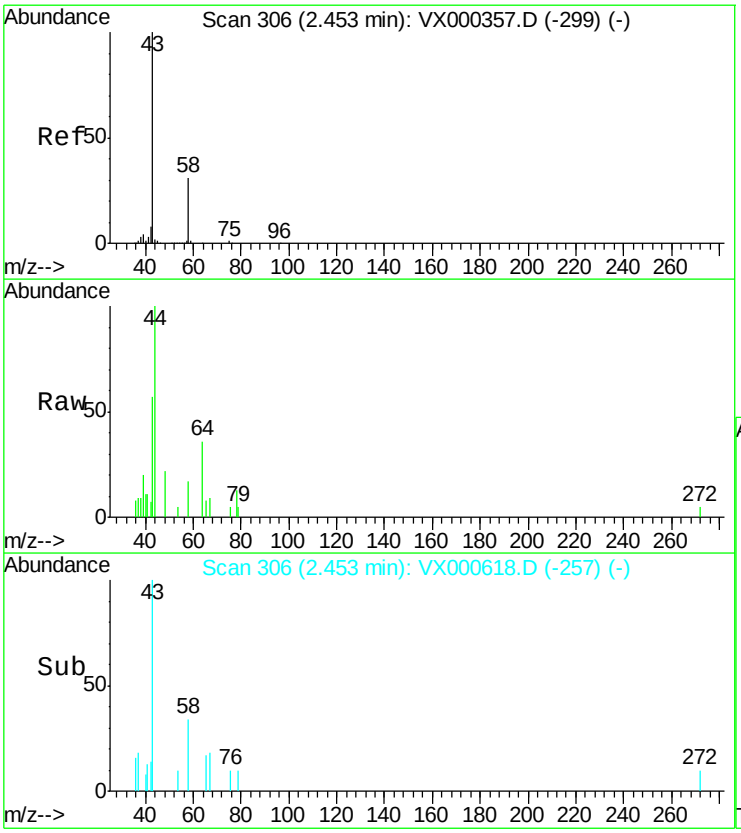
#15
Acrylonitrile
Concen: 7.265 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.07 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 7090

Ion	Ratio	Lower	Upper
53	100		
52	24.4	66.6	99.8#
51	88.0	29.3	43.9#

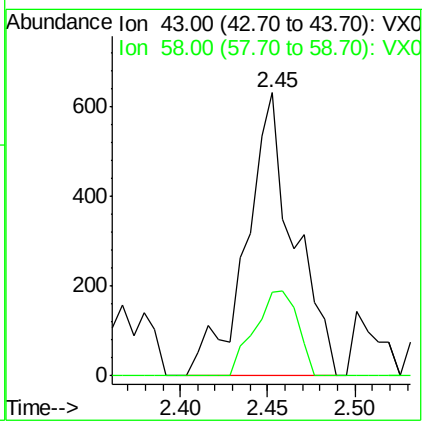


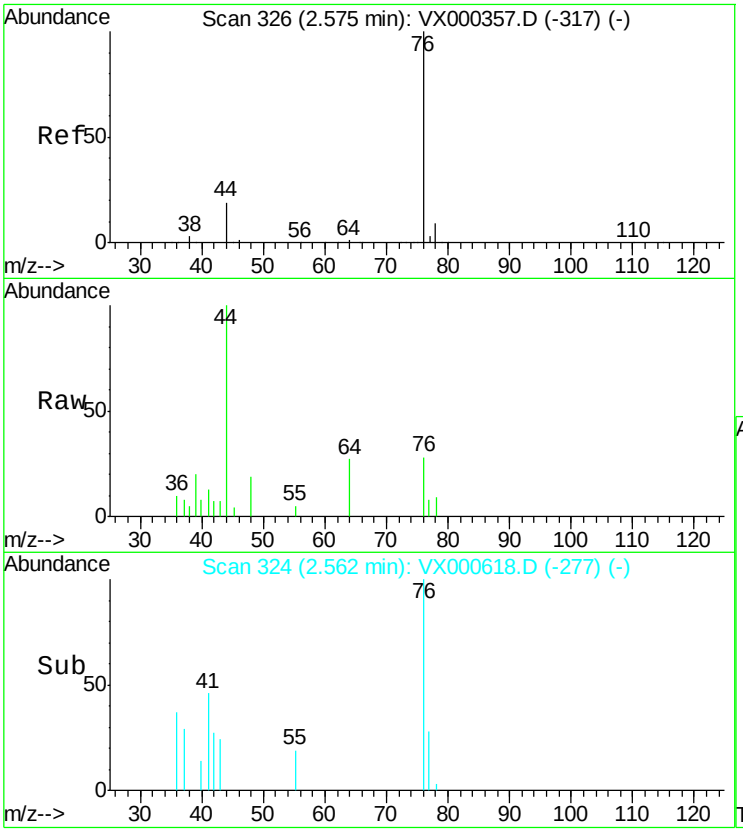


#16
Acetone
Concen: 1.039 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 43 Resp: 1211

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.7	37.1



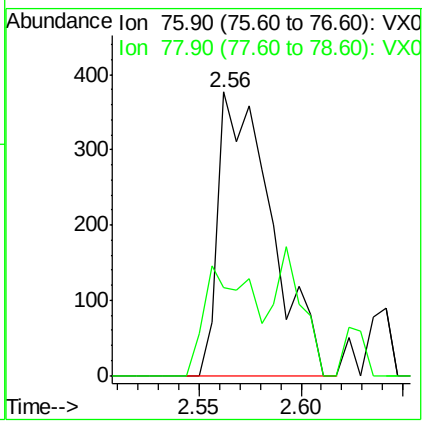


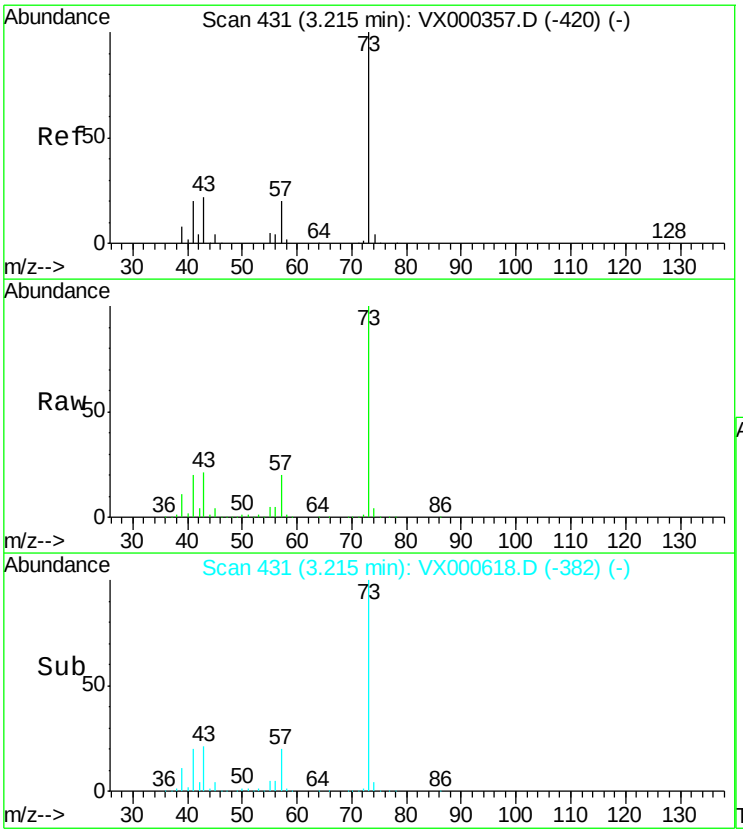
#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 682

Ion	Ratio	Lower	Upper
76	100		
78	30.8	7.0	10.6#

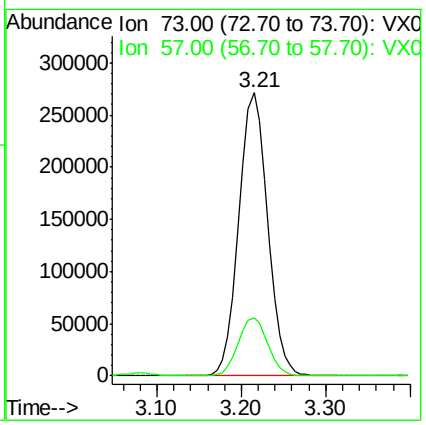


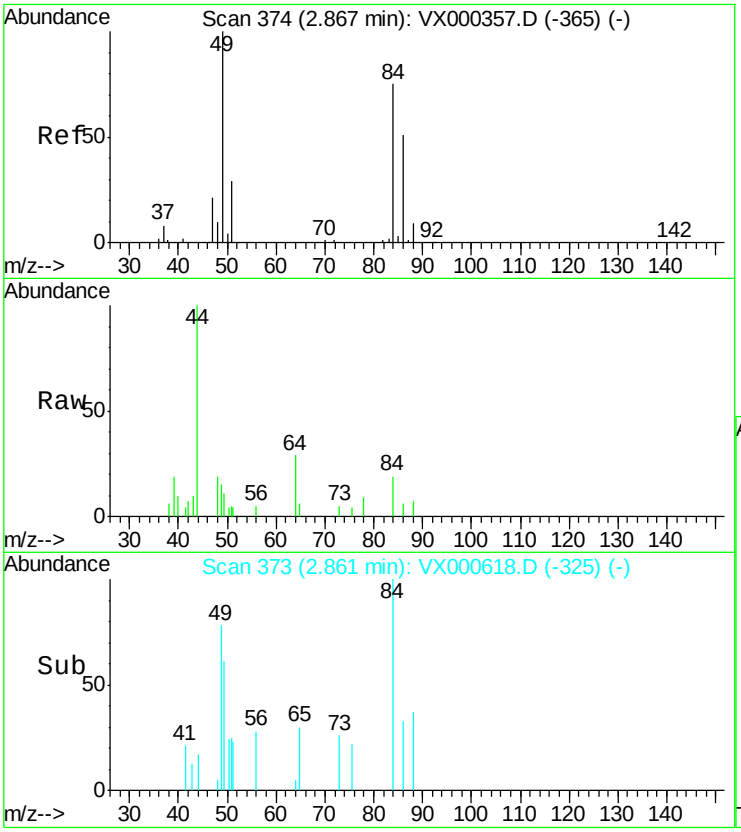


#19
Methyl tert-butyl Ether
Concen: 145.785 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 73 Resp: 627163

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.2	25.8



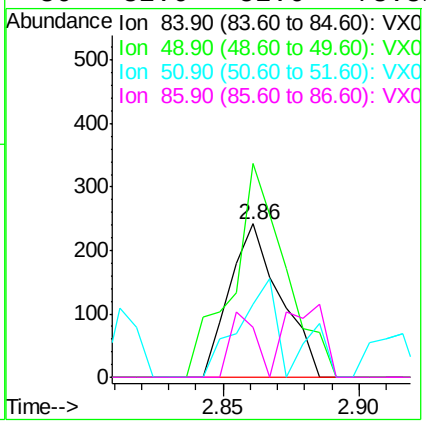


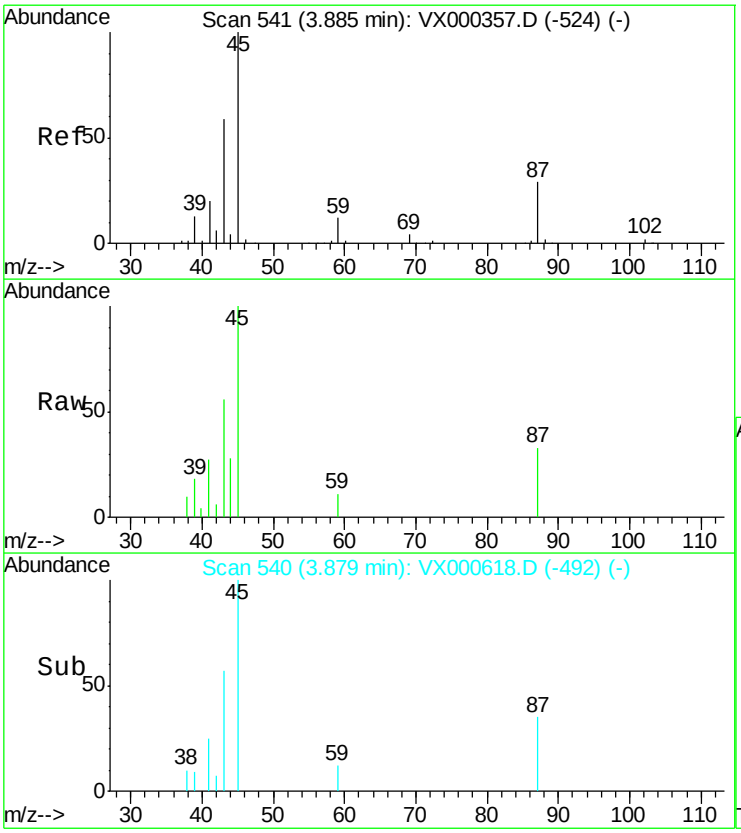
#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 311

Ion	Ratio	Lower	Upper
84	100		
49	139.3	100.6	151.0
51	47.5	31.6	47.4#
86	32.6	52.6	78.8#

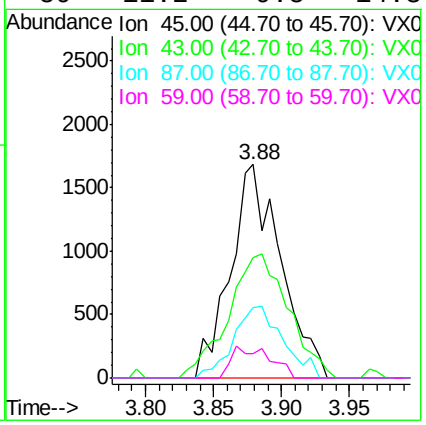


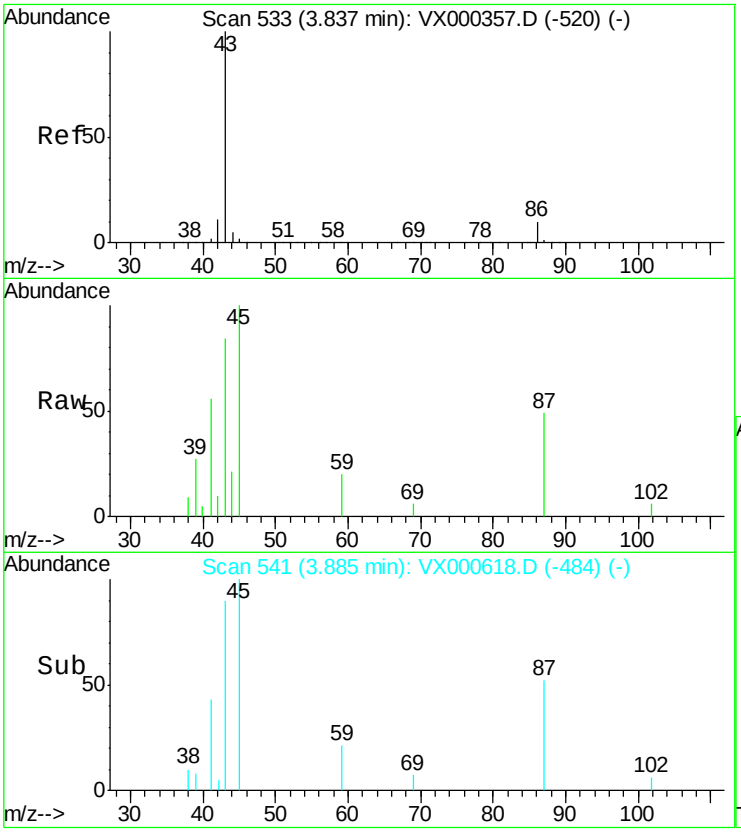


#22
Diisopropyl ether
Concen: 1.197 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 45 Resp: 4353

Ion	Ratio	Lower	Upper
45	100		
43	56.4	53.9	80.9
87	32.9	22.6	34.0
59	11.2	9.5	14.3



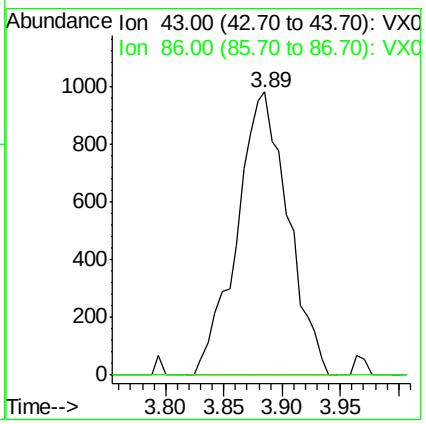


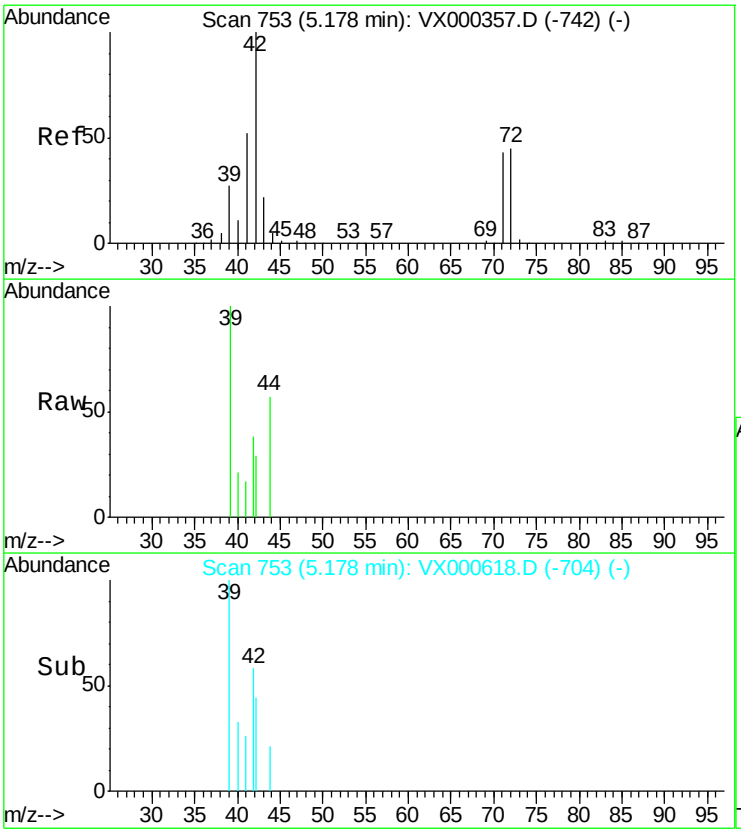
#23
Vinyl Acetate
Concen: 0.869 ug/l
RT: 3.89 min Scan# 541
Delta R.T. 0.05 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2995

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

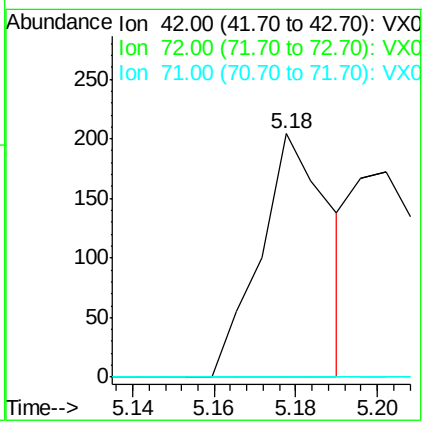


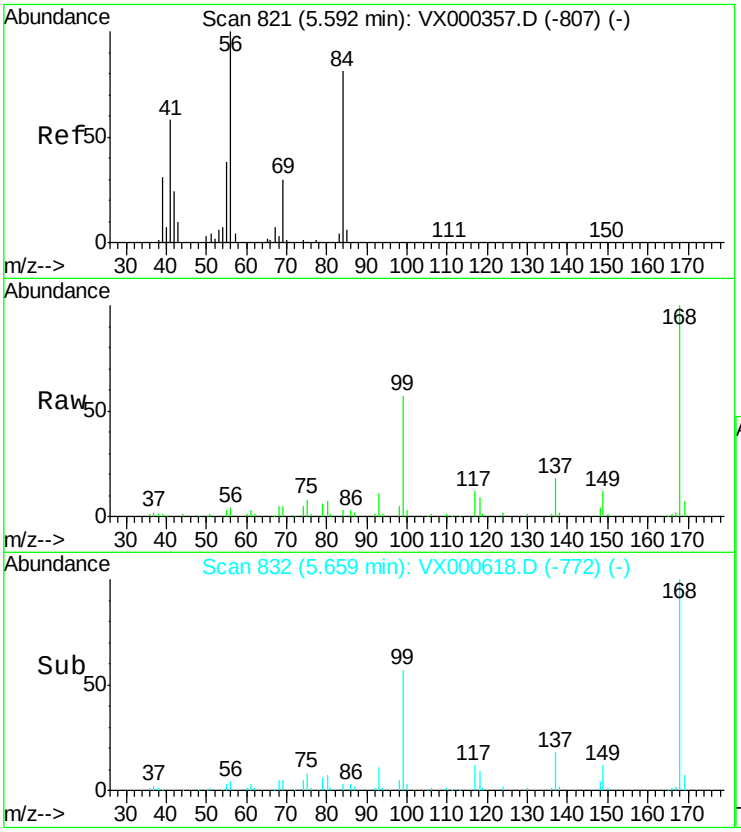


#29
Tetrahydrofuran
Concen: 0.300 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 42 Resp: 242

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



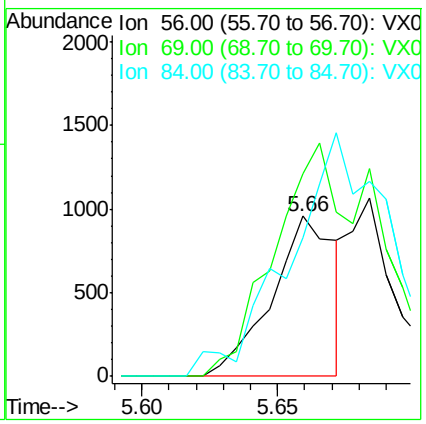


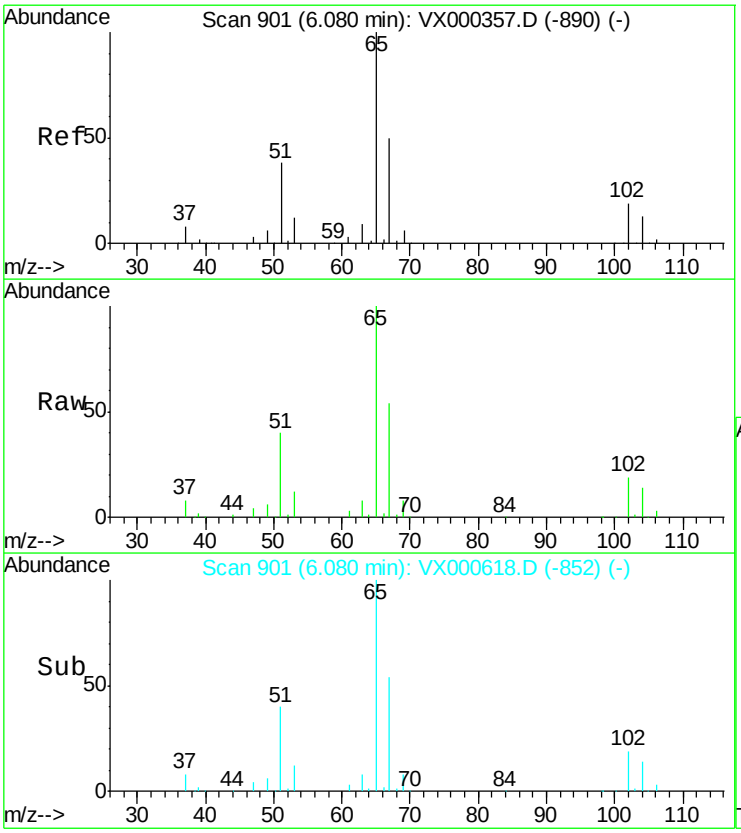
#31
Cyclohexane
Concen: 0.873 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.07 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1542

Ion	Ratio	Lower	Upper
56	100		
69	126.5	23.4	35.0#
84	86.2	71.0	106.4

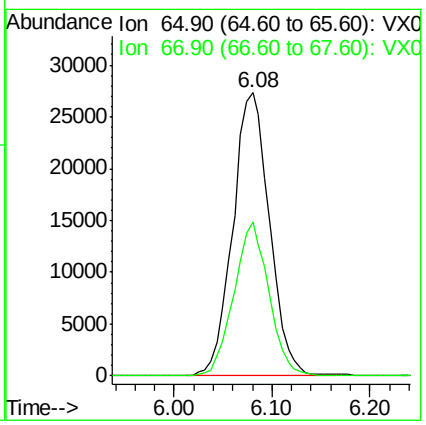


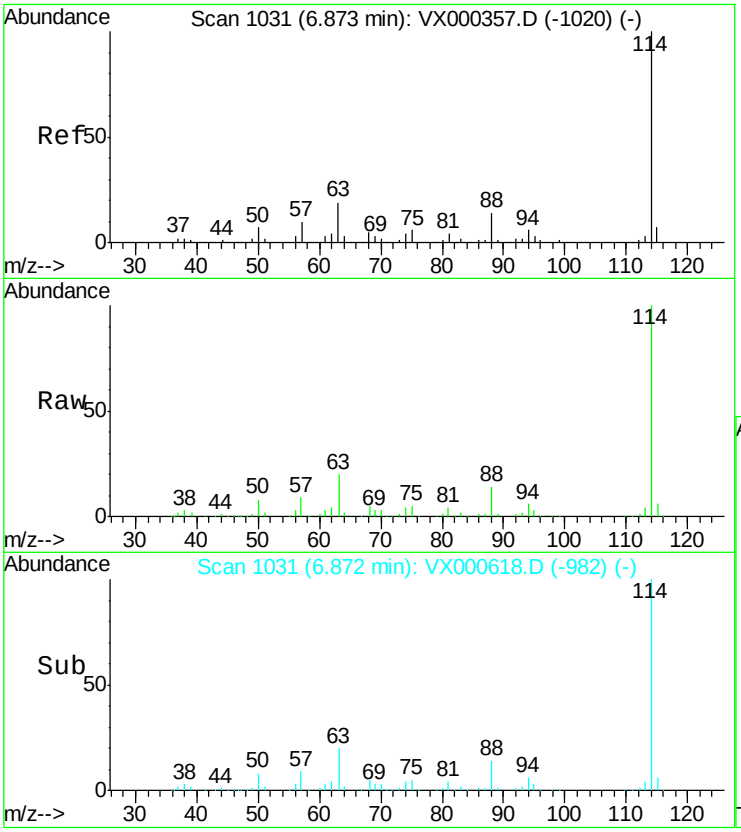


#33
1,2-Dichloroethane-d4
Concen: 50.647 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 65 Resp: 70947

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.2



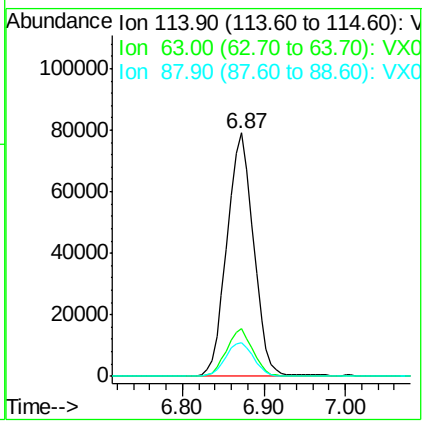


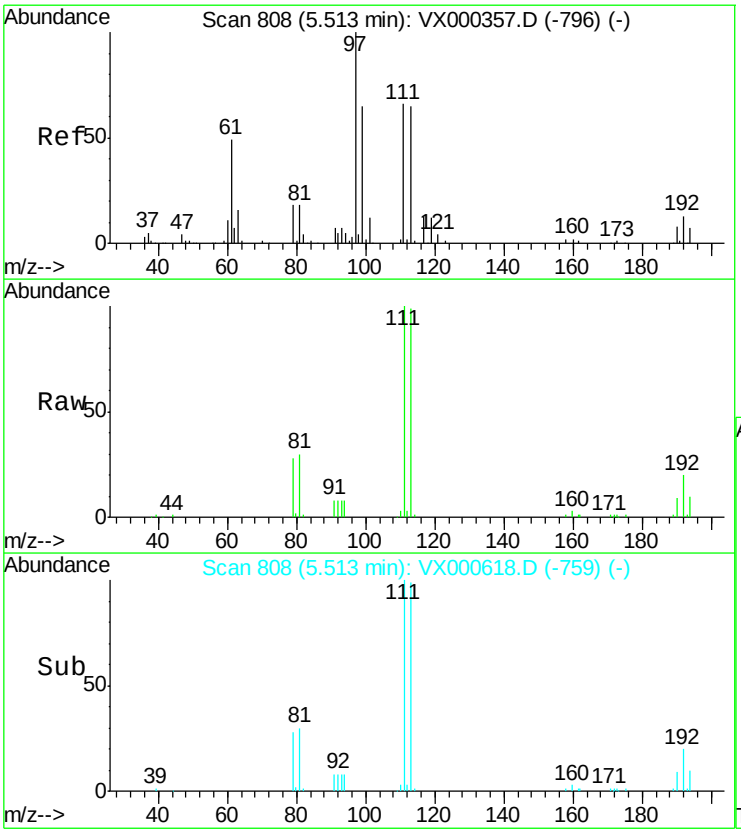
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 178756

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	13.9	0.0	27.0

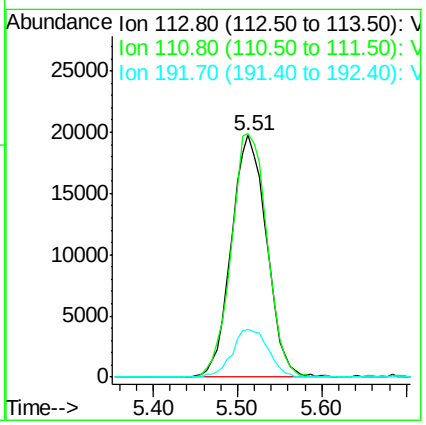


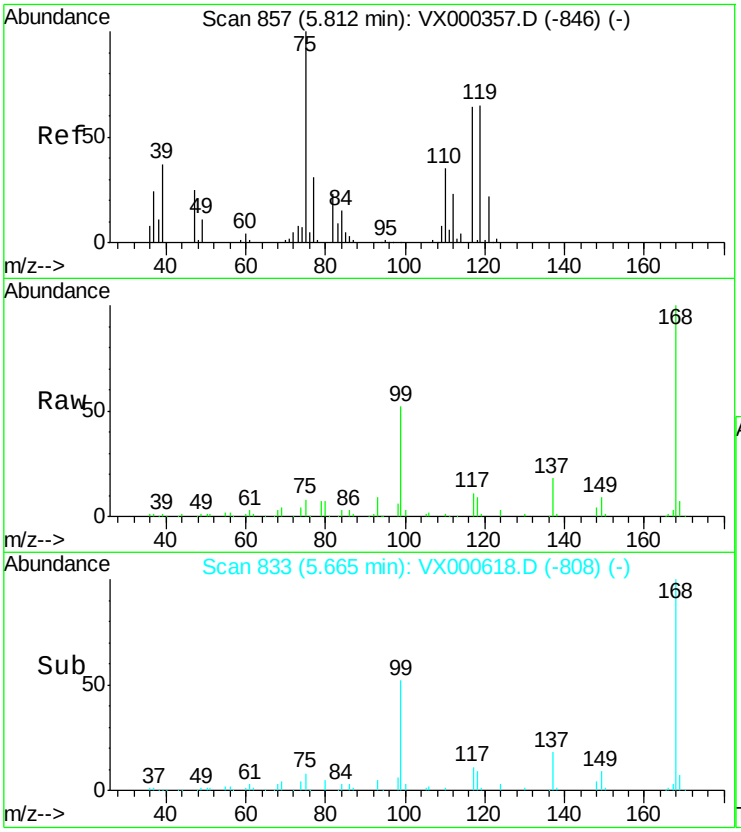


#35
Dibromofluoromethane
Concen: 49.580 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion:113 Resp: 55843

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



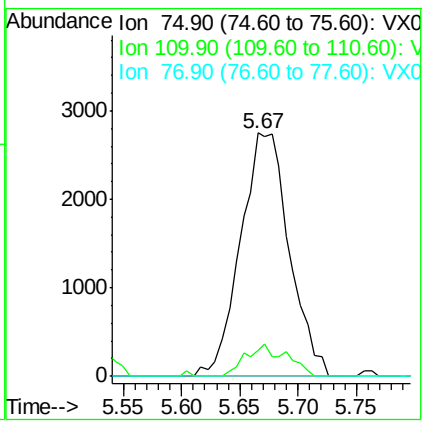


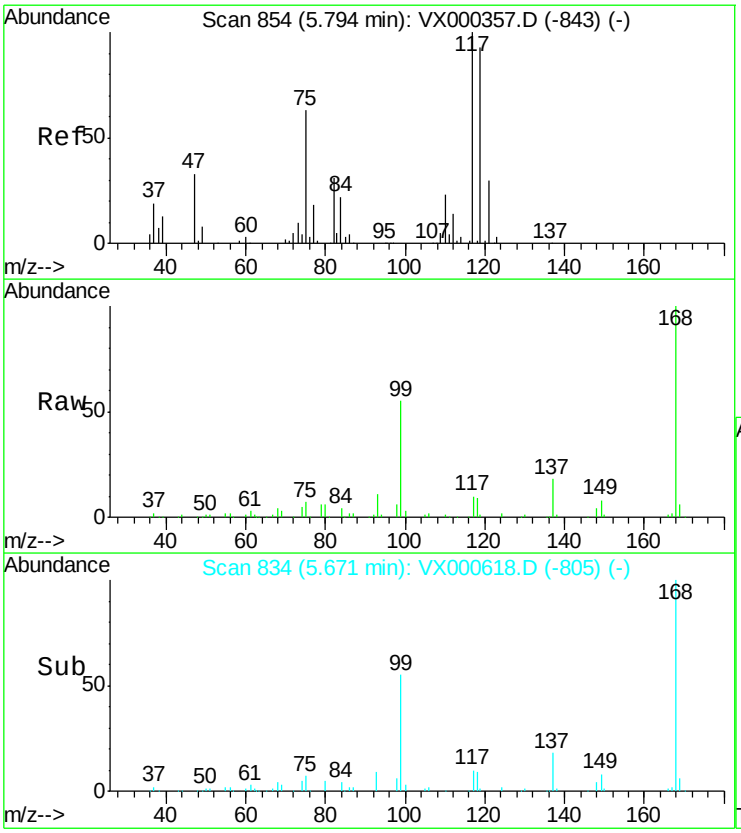
#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.15 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 8012

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.9	53.7#
77	0.0	24.0	36.0#

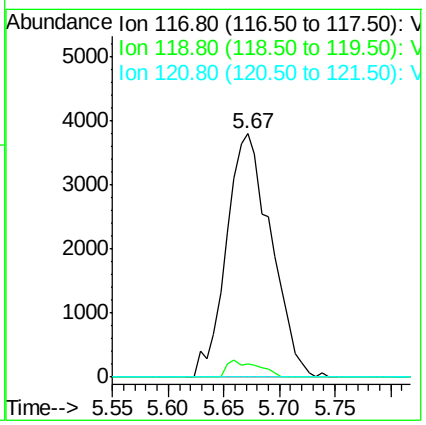


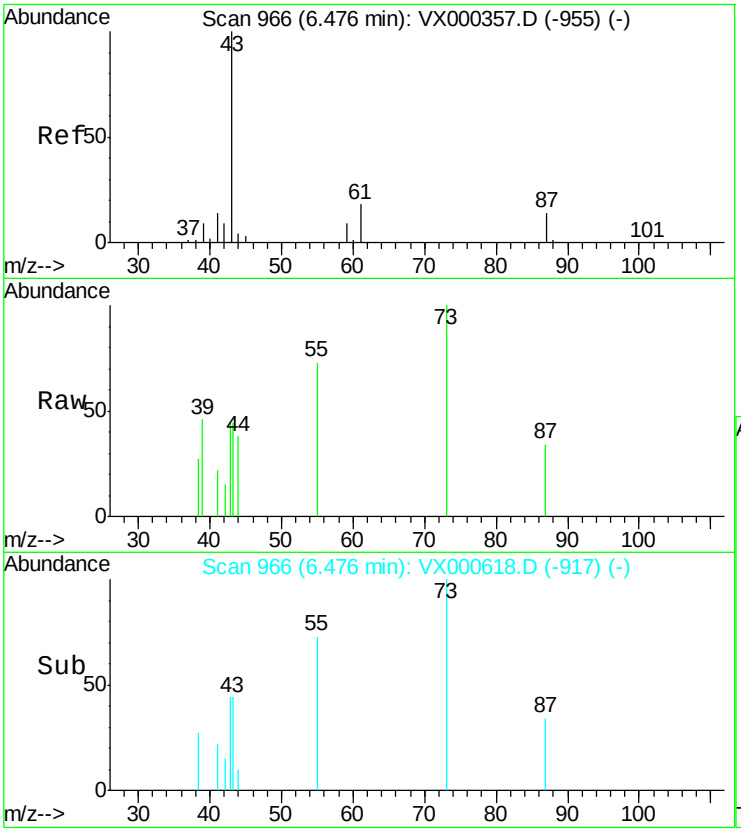


#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion:117 Resp: 10579

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.2#
121	0.0	24.8	37.2#



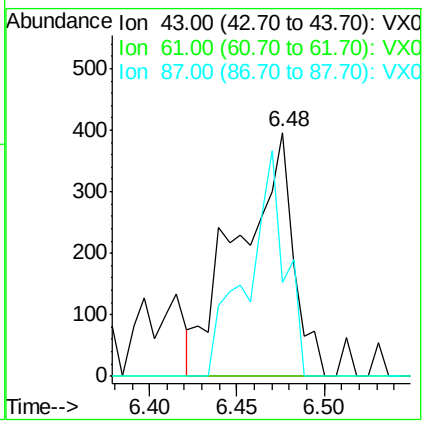


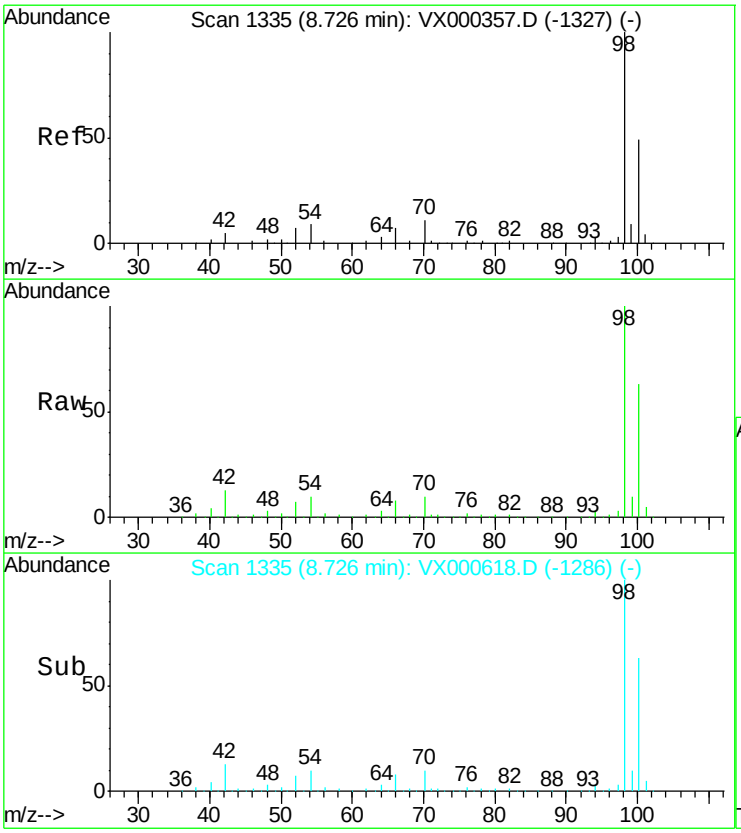
#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	64.1	11.0	16.4#

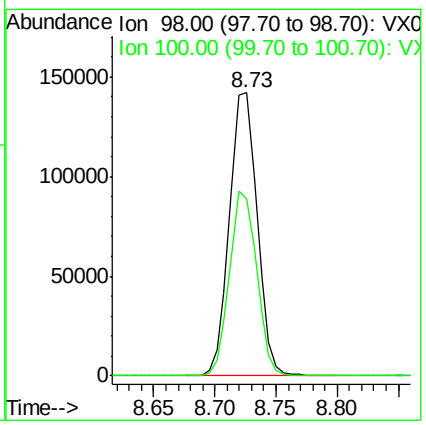


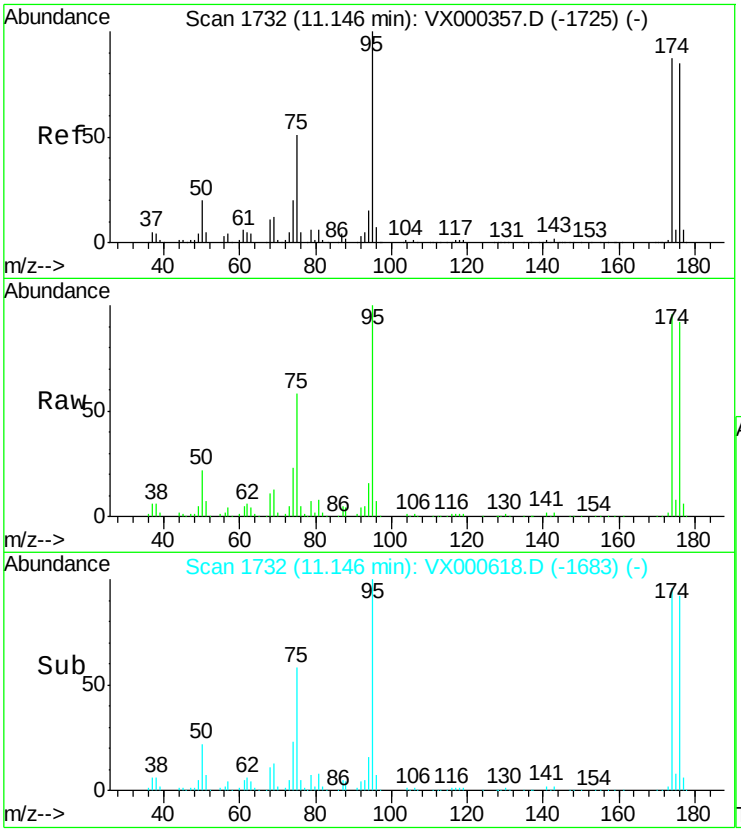


#50
Toluene-d8
Concen: 47.796 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 98 Resp: 222957

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8



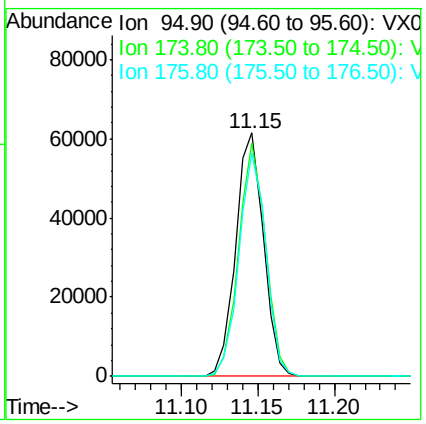


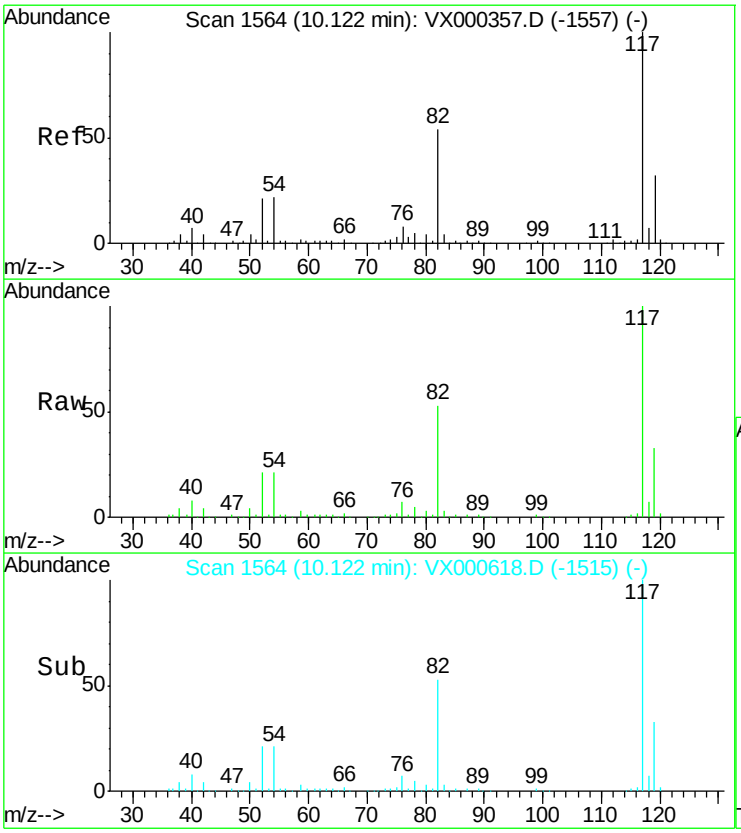
#62
4-Bromofluorobenzene
Concen: 40.585 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 77383

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	173.6
176	88.9	0.0	164.6

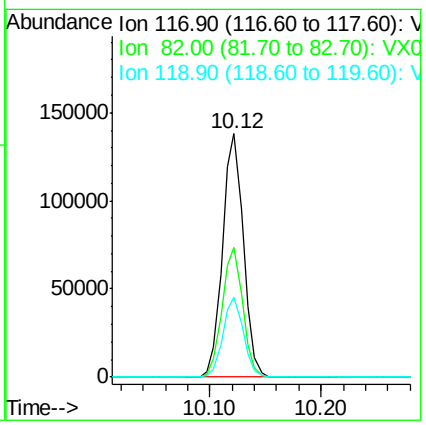


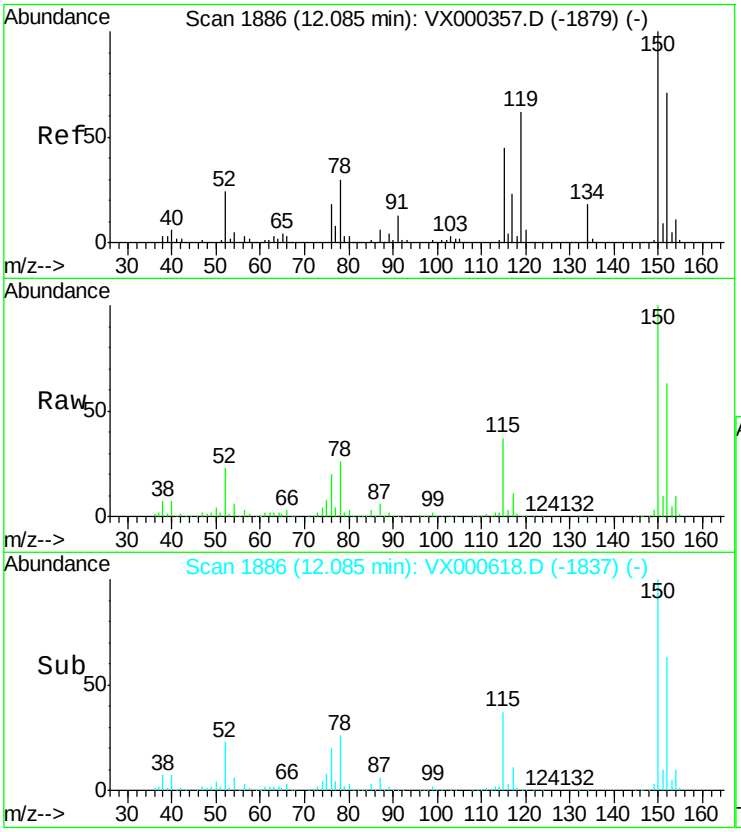


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion:117 Resp: 178520

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	32.8	24.9	37.3



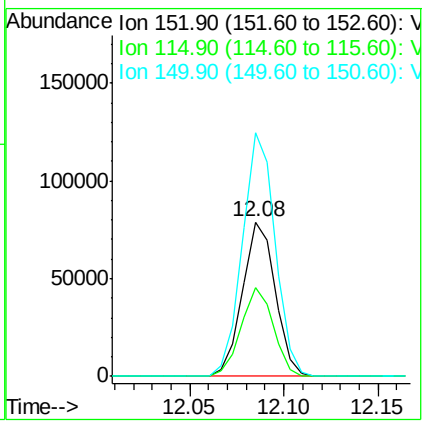


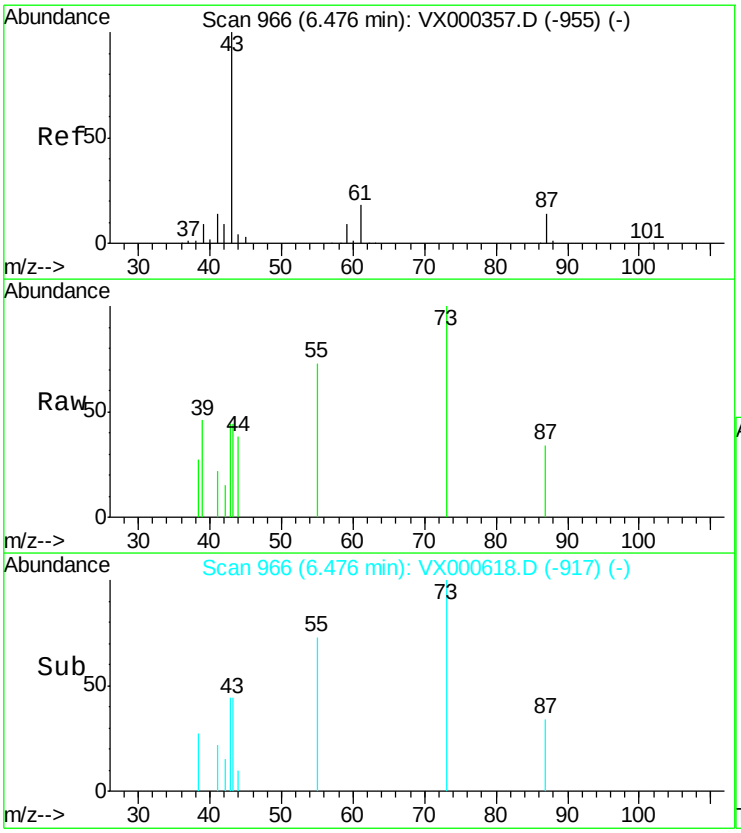
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 95524

Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.8	119.3
150	157.1	0.0	344.4

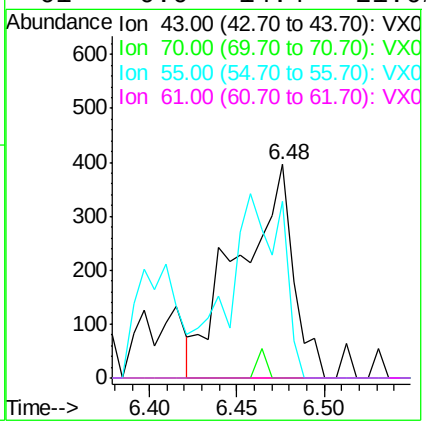


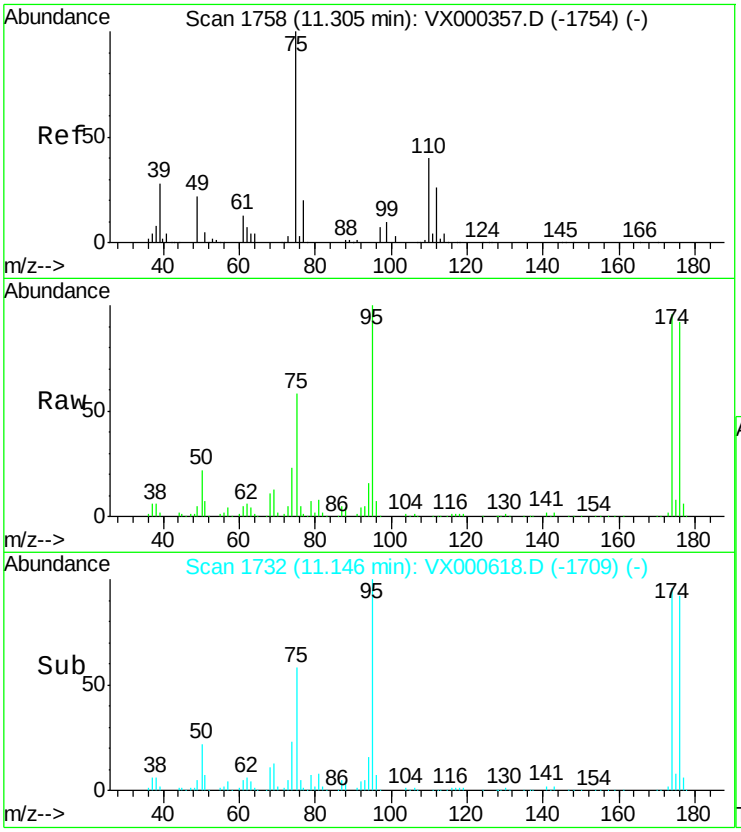


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
70	2.3	0.0	0.0#
55	80.3	0.0	0.0#
61	0.0	14.4	21.6#



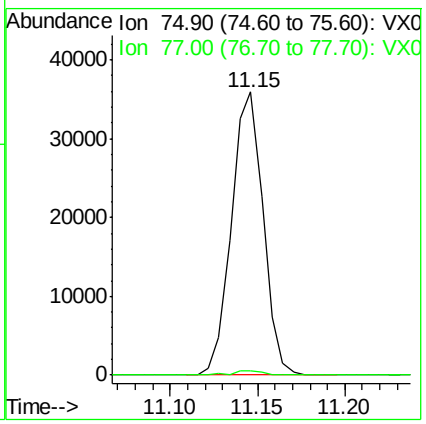


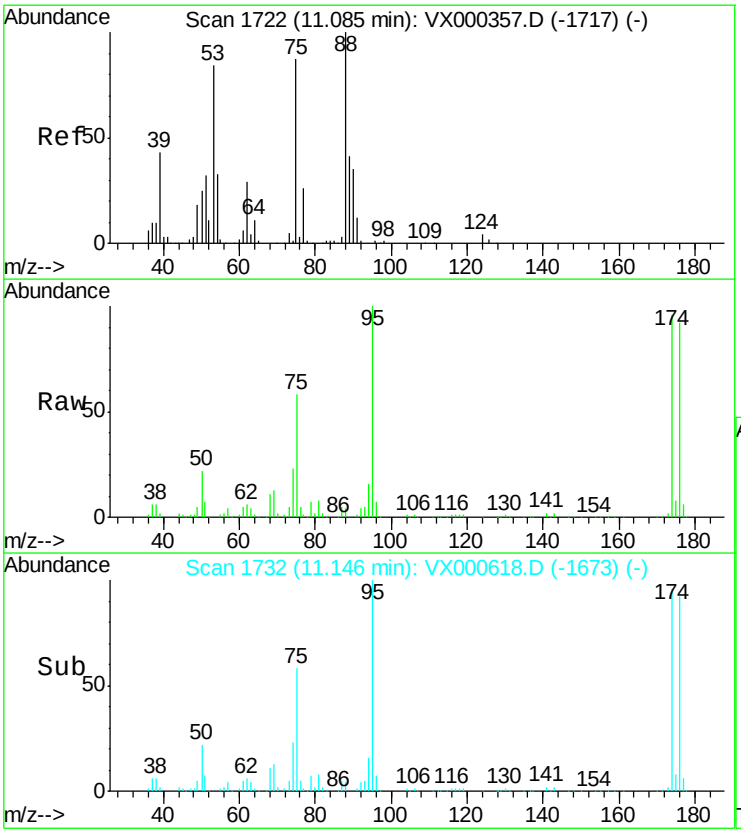
#76
1,2,3-Trichloropropane
Concen: 22.005 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45175

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.2#

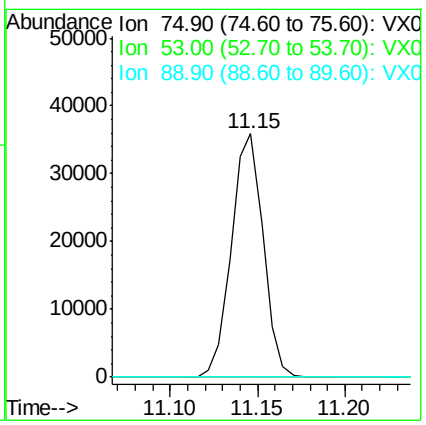


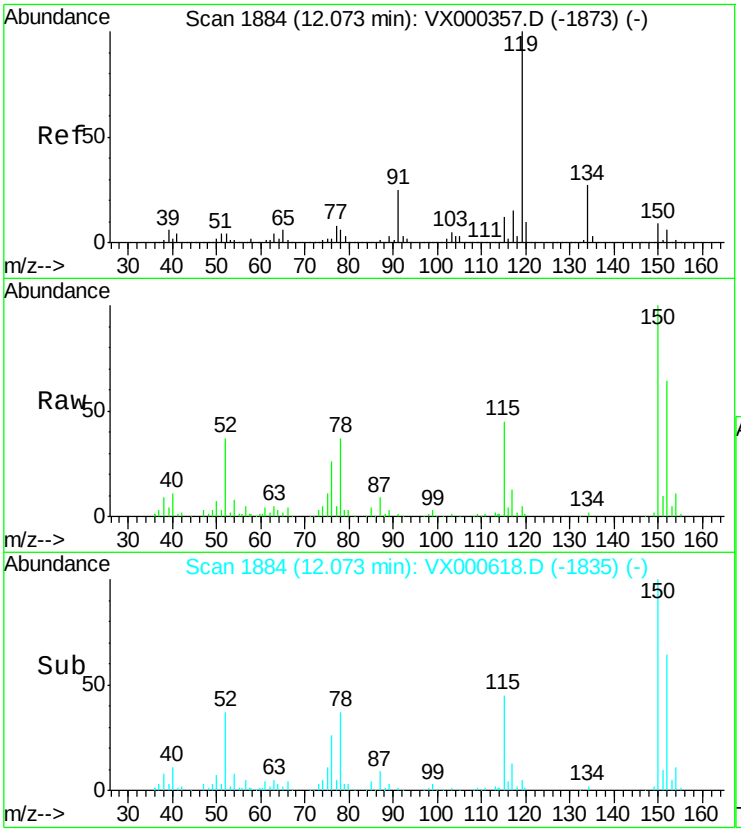


#81
trans-1,4-Dichloro-2-butene
Concen: 71.244 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion: 75 Resp: 45175

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





#86
p-Isopropyltoluene
Concen: 0.303 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 1788

Ion	Ratio	Lower	Upper
119	100		
134	31.7	13.3	39.9
91	46.1	12.0	36.1#