Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032618\
Data File : VX000440.D
Acq On : 26 Mar 2018 15:00
Operator : JC/MD
Sample : J1758-06 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 27 05:52:22 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	110933	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	193316	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	185577	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90199	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	82268	56.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.62%				
35) Dibromofluoromethane	5.52	113	63355	52.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.02%				
50) Toluene-d8	8.73	98	241550	47.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.76%				
62) 4-Bromofluorobenzene	11.15	95	78123	38.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	803	0.623	ug/l	#	66
6) Chloroethane	1.73	64	220	Below Cal		#	44
10) Methyl Iodide	2.51	142	57	4.314	ug/l	#	1
11) Tert butyl alcohol	3.08	59	165	0.331	ug/l	#	72
13) Acrolein	2.29	56	85	15.081	ug/l		90
14) Allyl chloride	2.74	41	176	Below Cal		#	22
16) Acetone	2.45	43	8274	6.869	ug/l		93
18) Methyl Acetate	2.79	43	1508	0.597	ug/l	#	84
20) Methylene Chloride	2.87	84	1160	0.834	ug/l		88
25) 2-Butanone	4.73	43	1624	1.199	ug/l		94
29) Tetrahydrofuran	5.20	42	440	0.528	ug/l	#	62
30) Chloroform	5.21	83	747	0.337	ug/l	#	62
31) Cyclohexane	5.67	56	2799	1.532	ug/l	#	67
36) 1,1-Dichloropropene	5.68	75	8630	4.766	ug/l	#	54
38) Carbon Tetrachloride	5.68	117	10671	5.617	ug/l	#	15
43) Isopropyl Acetate	6.48	43	1938	0.526	ug/l	#	75
51) 4-Methyl-2-Pentanone	8.66	43	726	0.255	ug/l	#	56
52) Toluene	8.79	92	821	0.223	ug/l		96
74) N-amyl acetate	6.48	43	1938	Below Cal		#	72
76) 1,2,3-Trichloropropane	11.15	75	46507	23.991	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	46507	77.674	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.81	105	1920	0.364	ug/l		93
95) Naphthalene	13.84	128	4206	0.571	ug/l	#	90

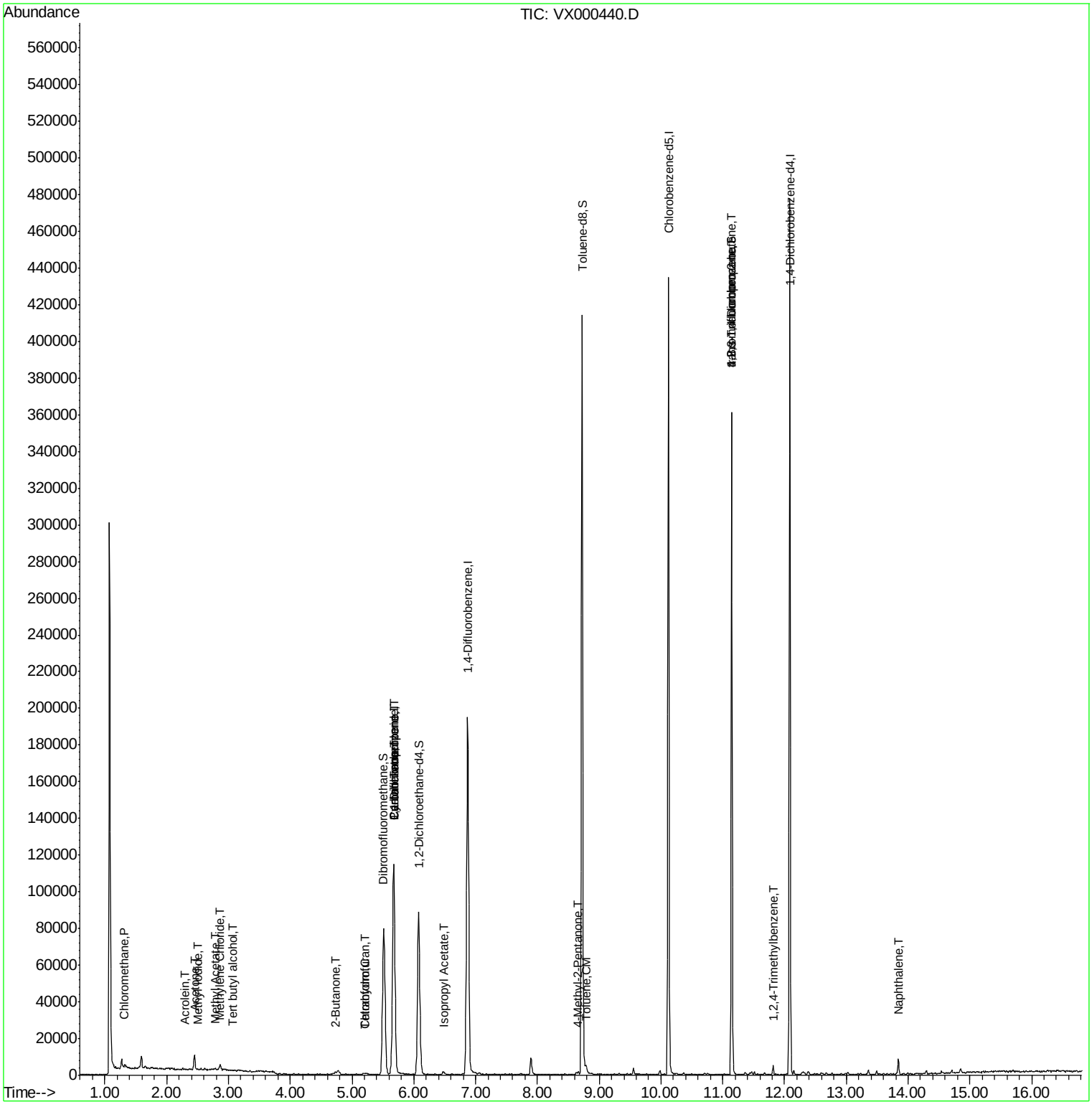
(#) = qualifier out of range (m) = manual integration (+) = signals summed

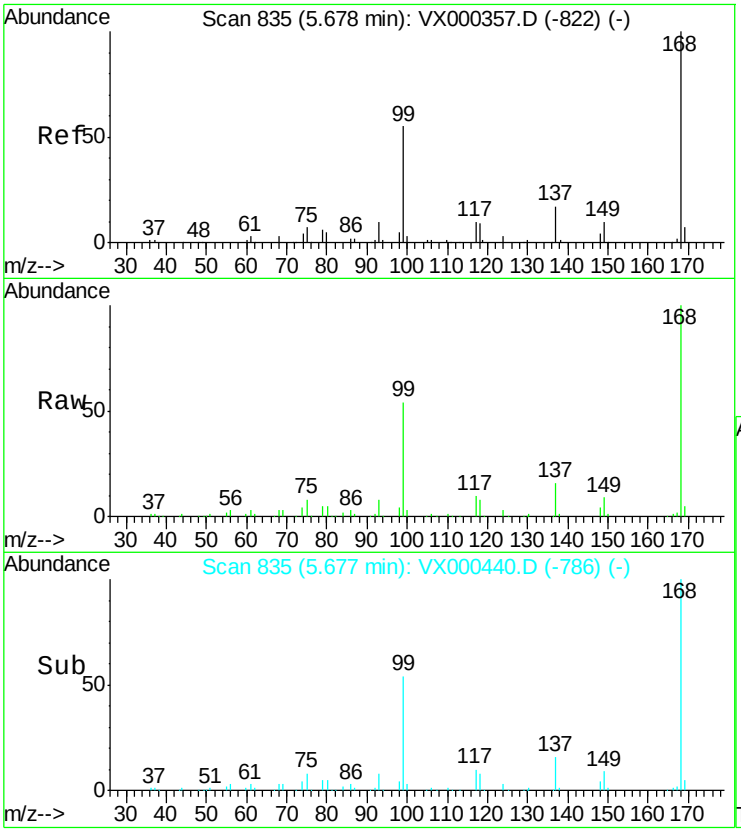
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
Data File : VX000440.D
Acq On : 26 Mar 2018 15:00
Operator : JC/MD
Sample : J1758-06 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 27 05:52:22 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



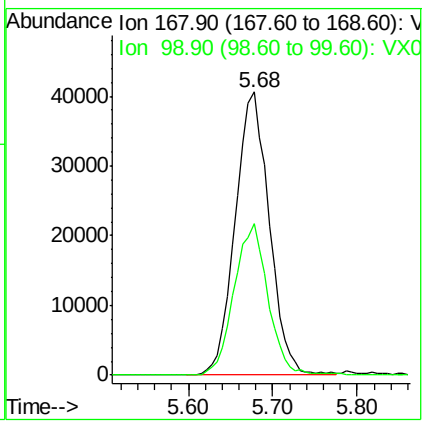


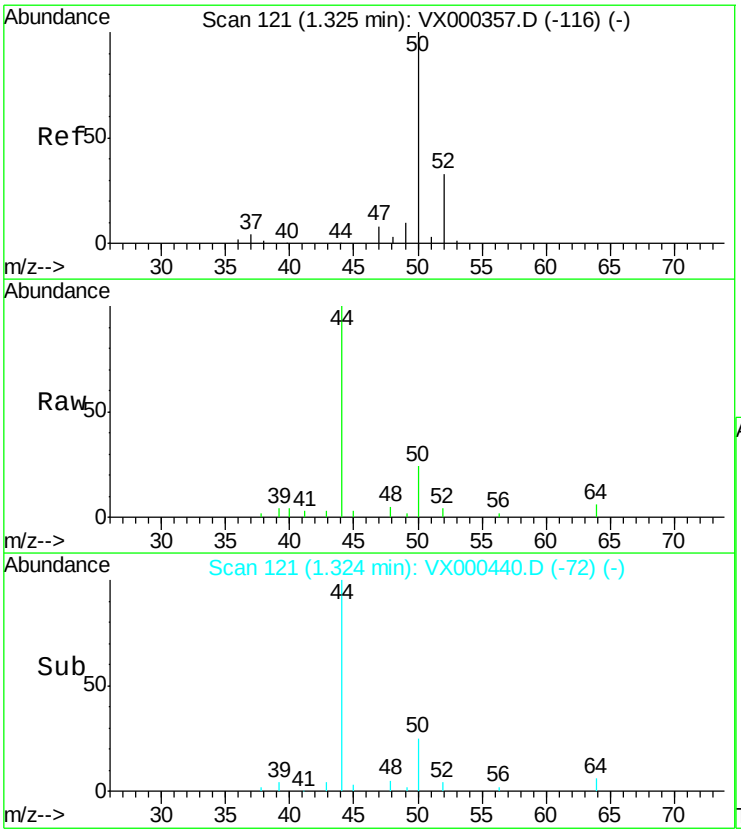
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 110933

Ion	Ratio	Lower	Upper
168	100		
99	53.6	45.8	68.6

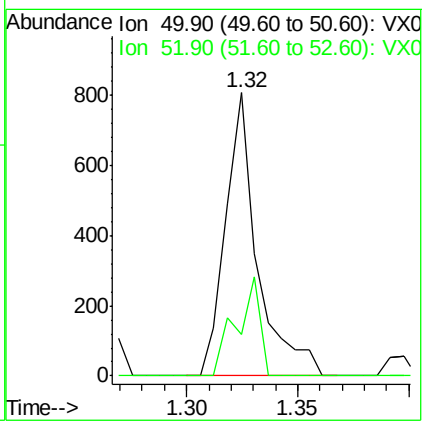


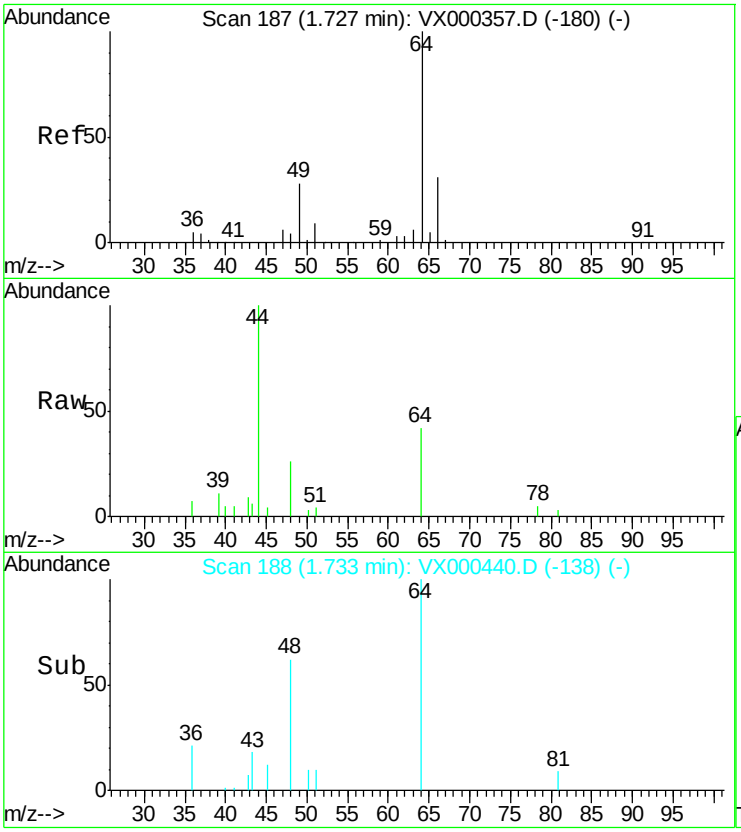


#3
Chloromethane
Concen: 0.623 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 50 Resp: 803

Ion	Ratio	Lower	Upper
50	100		
52	14.9	27.5	41.3#



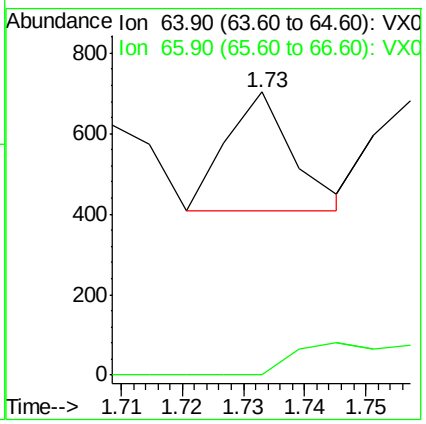


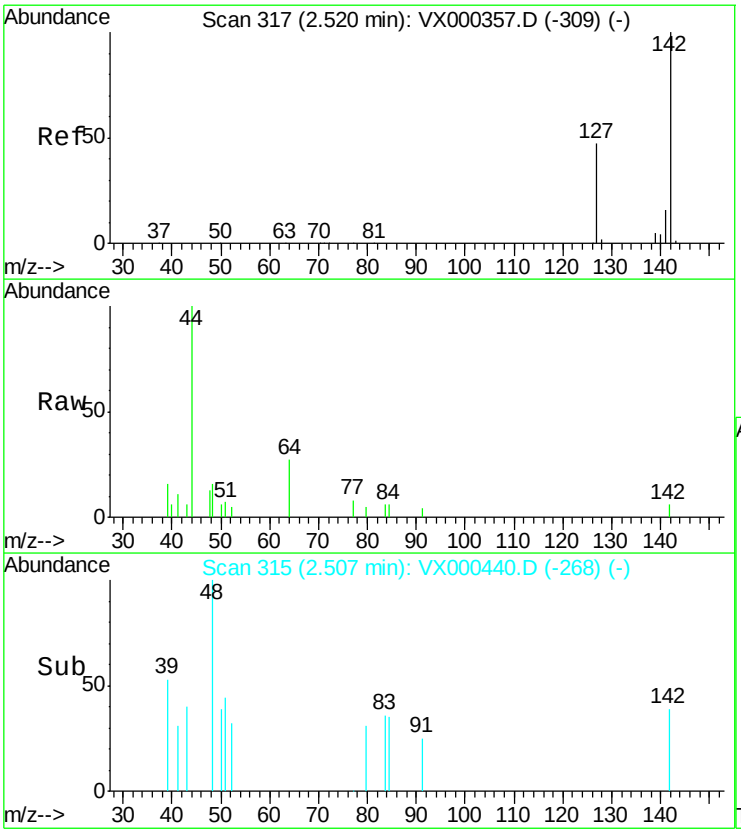
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 220

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

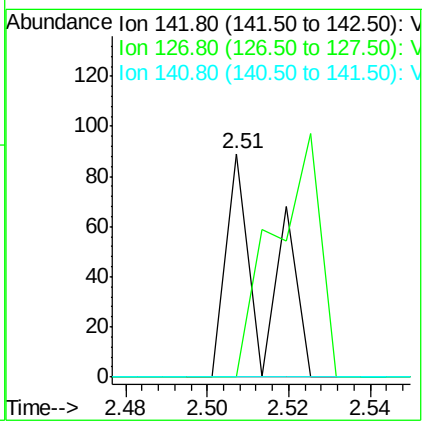


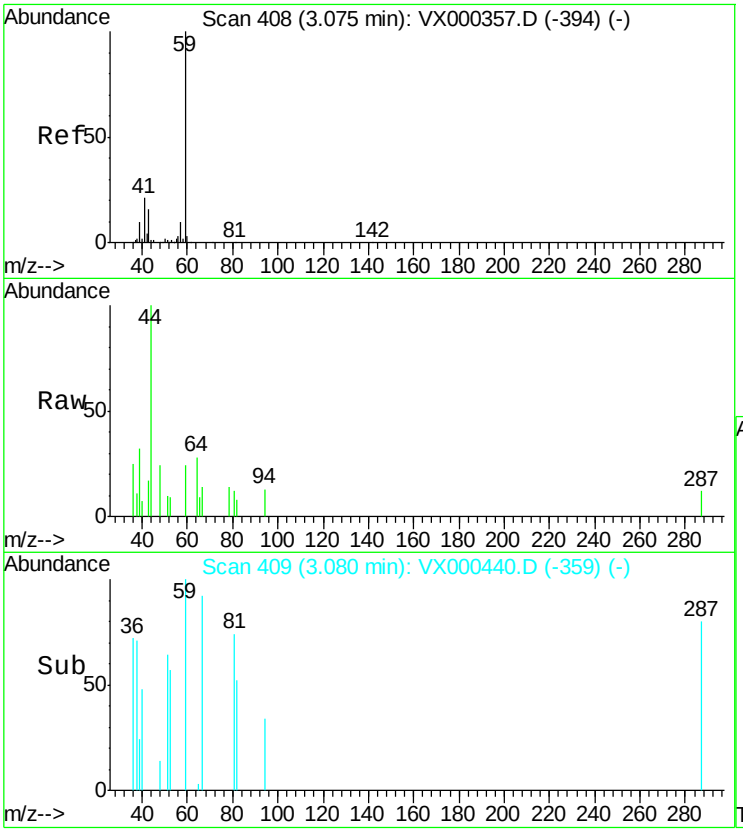


#10
Methyl Iodide
Concen: 4.314 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion:142 Resp: 57

Ion	Ratio	Lower	Upper
142	100		
127	135.1	39.2	58.8#
141	0.0	11.7	17.5#



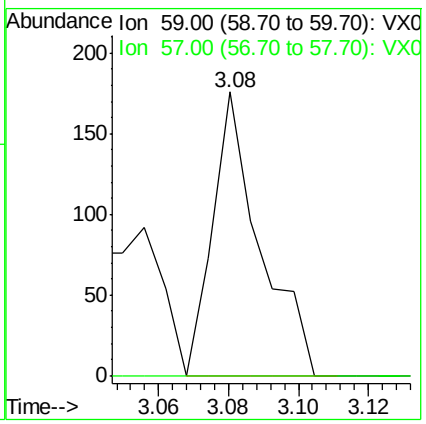


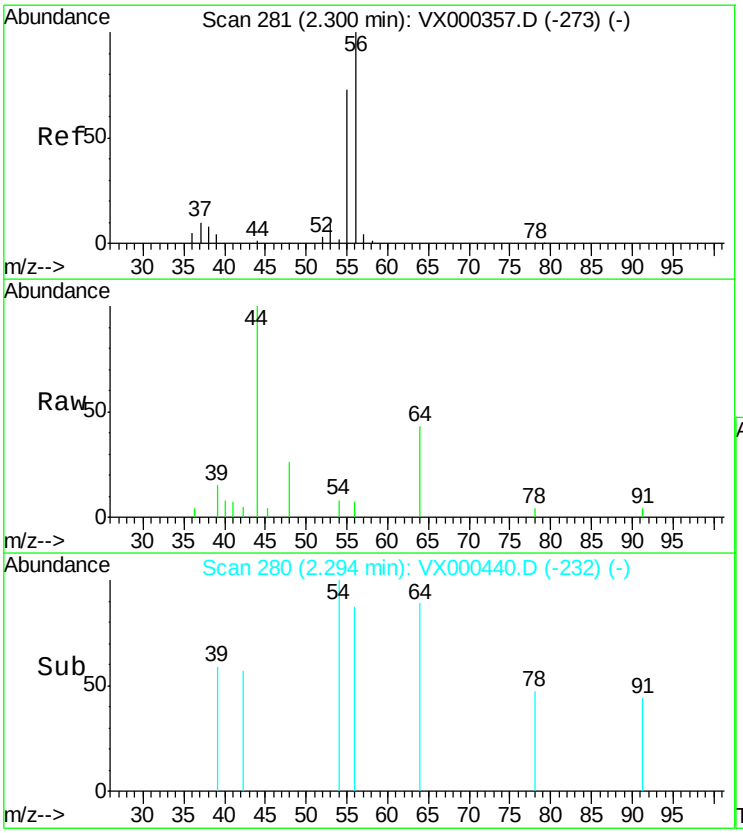
#11
Tert butyl alcohol
Concen: 0.331 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 165

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

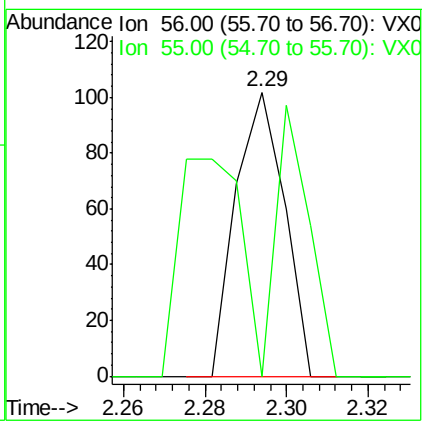


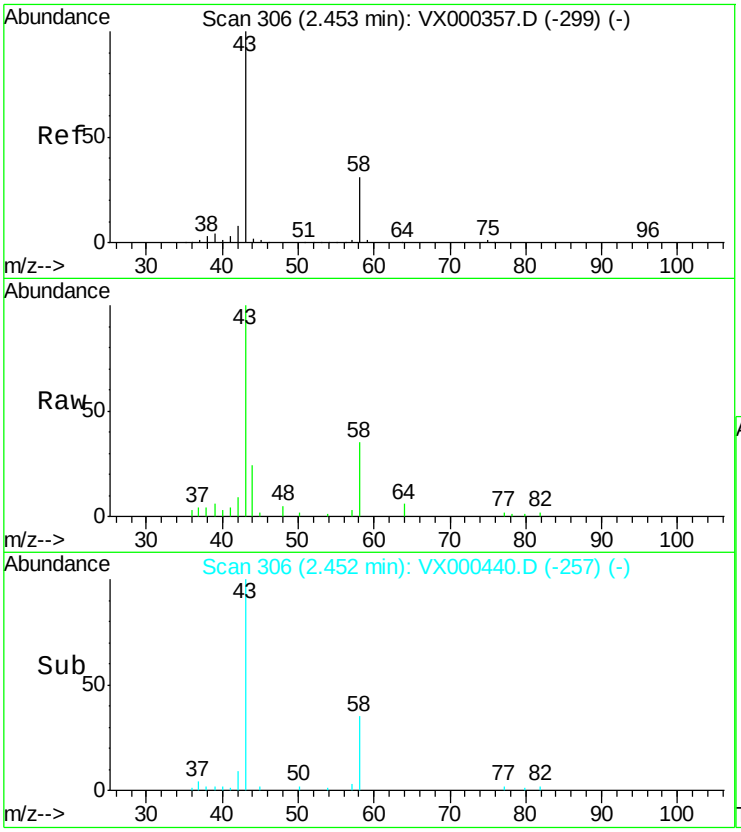


#13
Acrolein
Concen: 15.081 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 56 Resp: 85

Ion	Ratio	Lower	Upper
56	100		
55	64.7	58.8	88.2



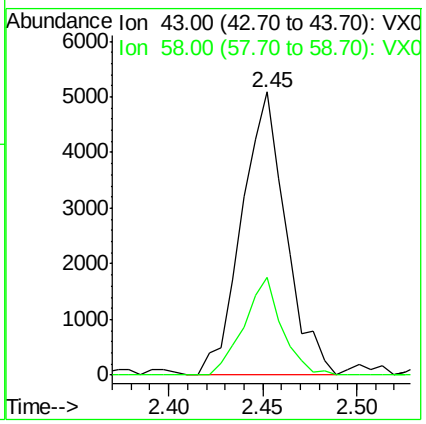


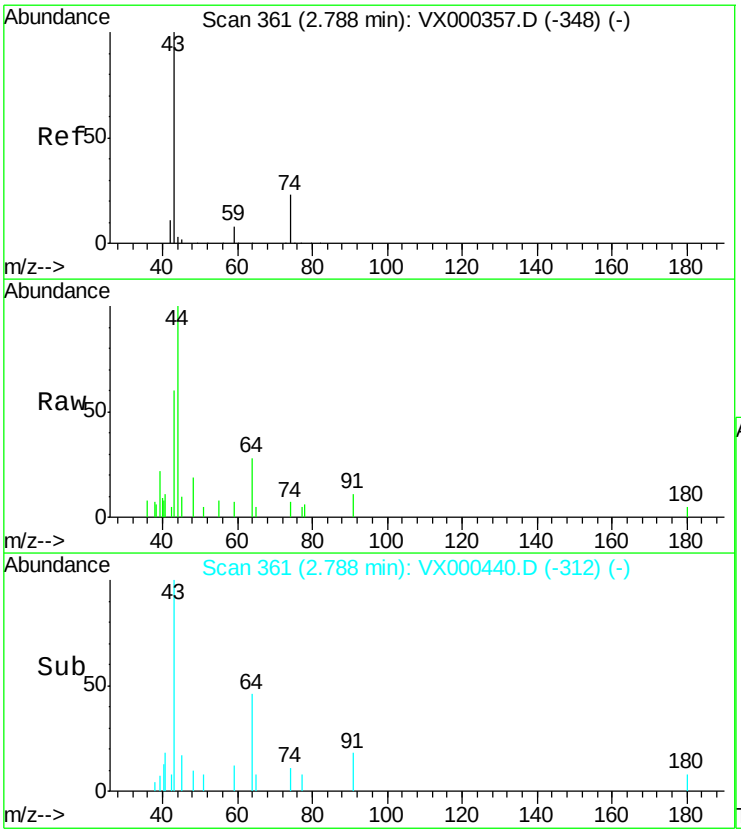
#16
Acetone
Concen: 6.869 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8274

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.7	37.1

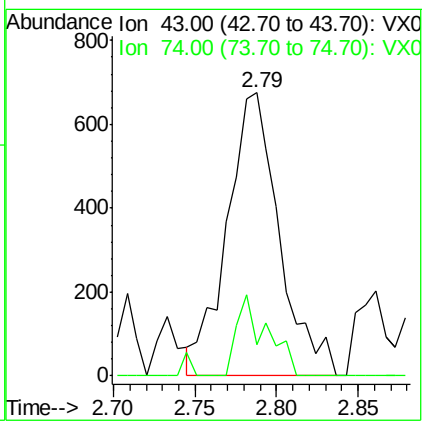


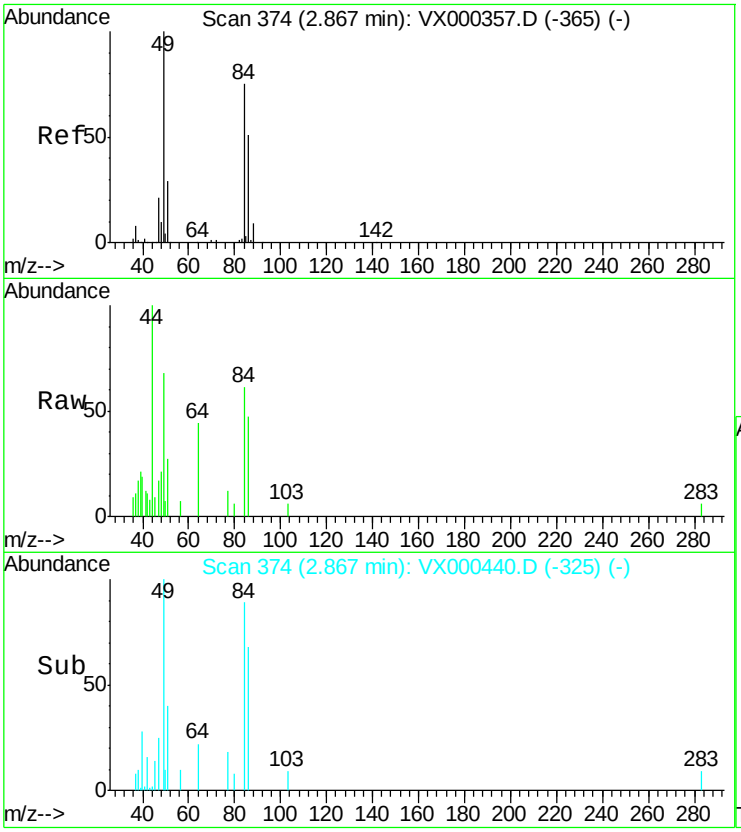


#18
Methyl Acetate
Concen: 0.597 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 43 Resp: 1508

Ion	Ratio	Lower	Upper
43	100		
74	16.2	19.4	29.2#



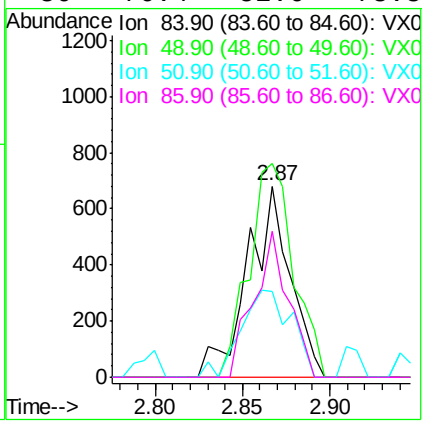


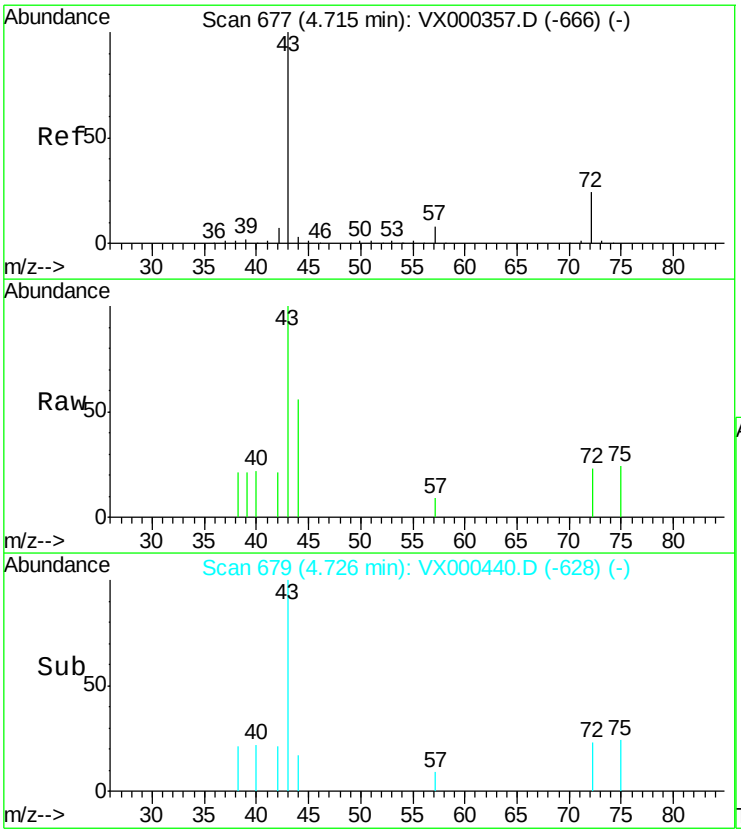
#20
Methylene Chloride
Concen: 0.834 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1160

Ion	Ratio	Lower	Upper
84	100		
49	111.7	100.6	151.0
51	44.8	31.6	47.4
86	76.4	52.6	78.8

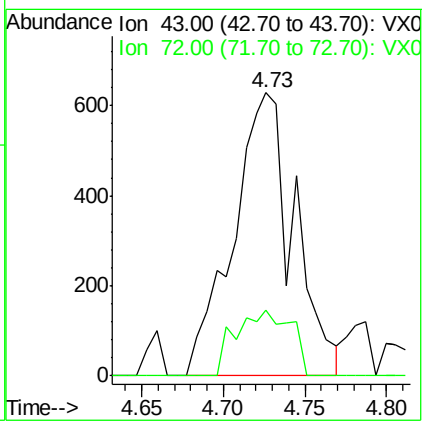


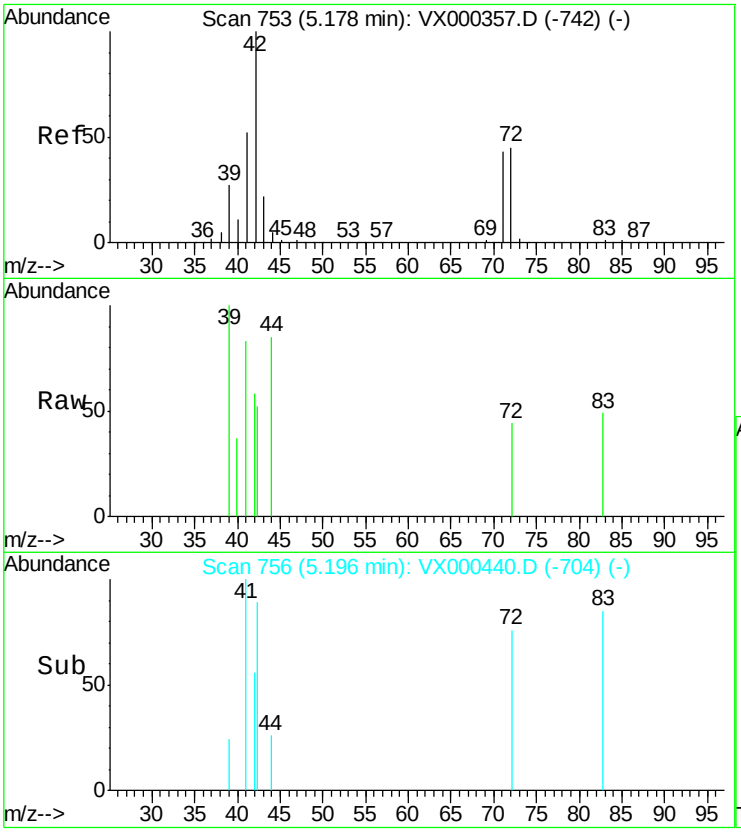


#25
2-Butanone
Concen: 1.199 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 43 Resp: 1624

Ion	Ratio	Lower	Upper
43	100		
72	23.4	21.0	31.6



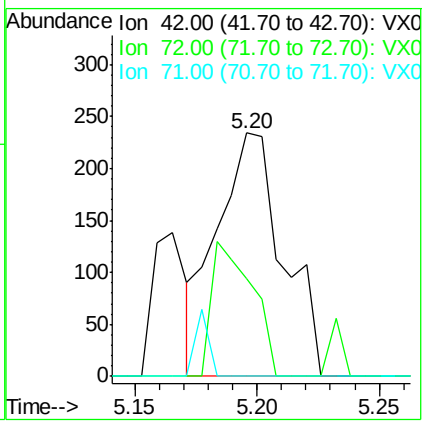


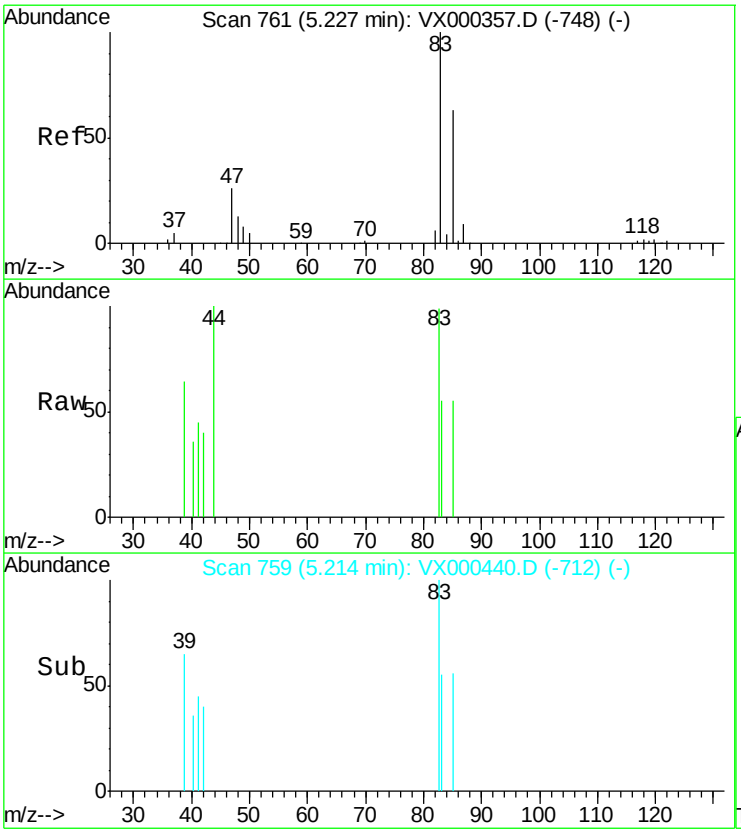
#29
Tetrahydrofuran
Concen: 0.528 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 440

Ion	Ratio	Lower	Upper
42	100		
72	34.1	37.9	56.9#
71	5.5	34.4	51.6#

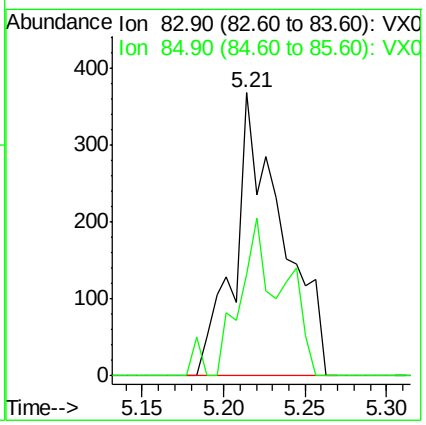


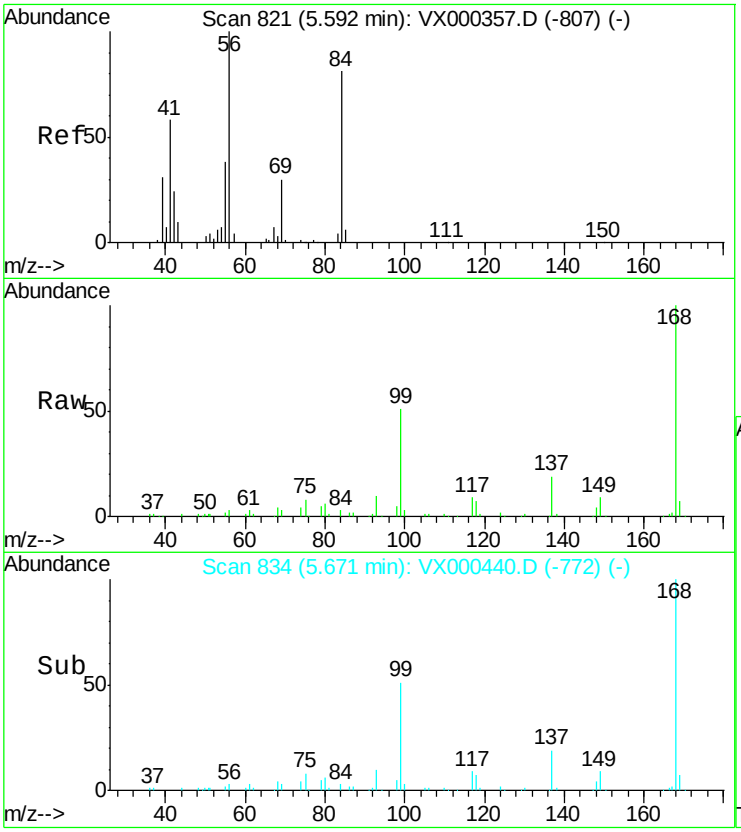


#30
Chloroform
Concen: 0.337 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 83 Resp: 747

Ion	Ratio	Lower	Upper
83	100		
85	35.9	53.3	79.9#



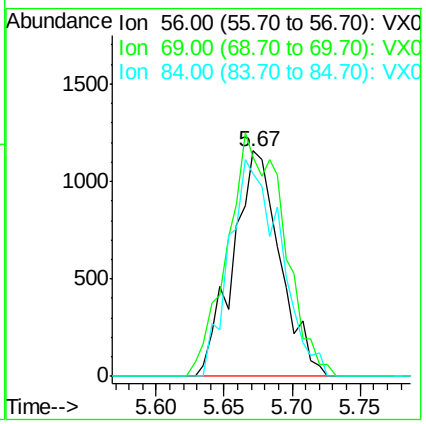


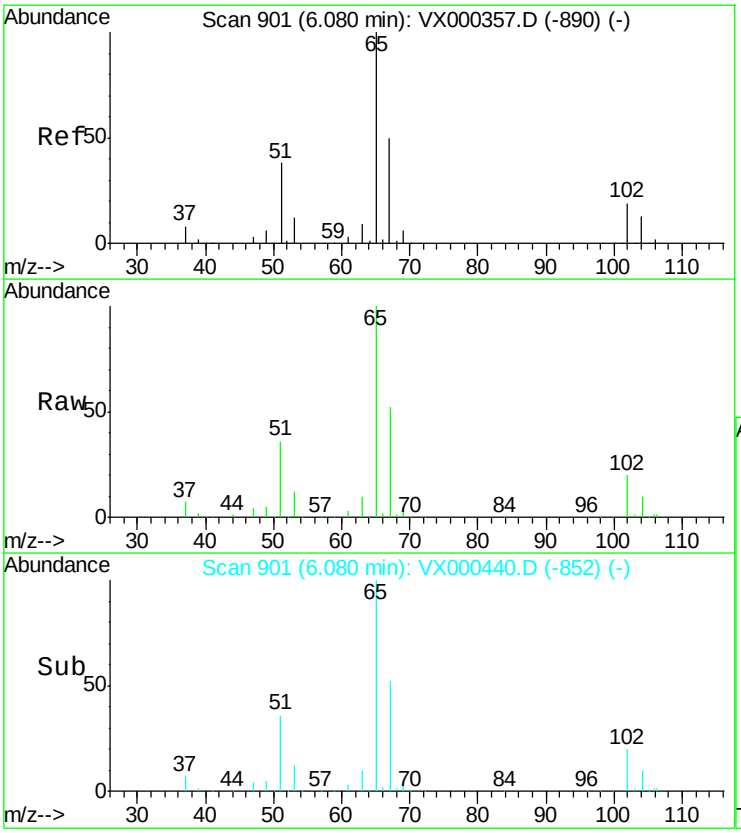
#31
Cyclohexane
Concen: 1.532 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2799

Ion	Ratio	Lower	Upper
56	100		
69	97.5	23.4	35.0#
84	90.1	71.0	106.4

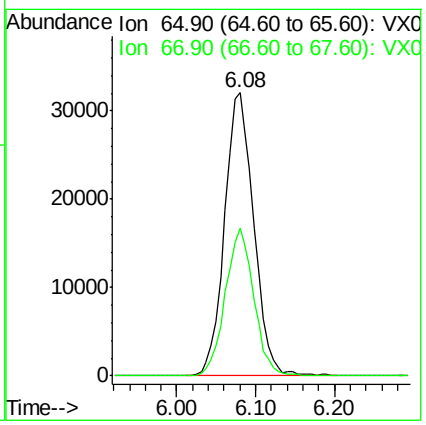


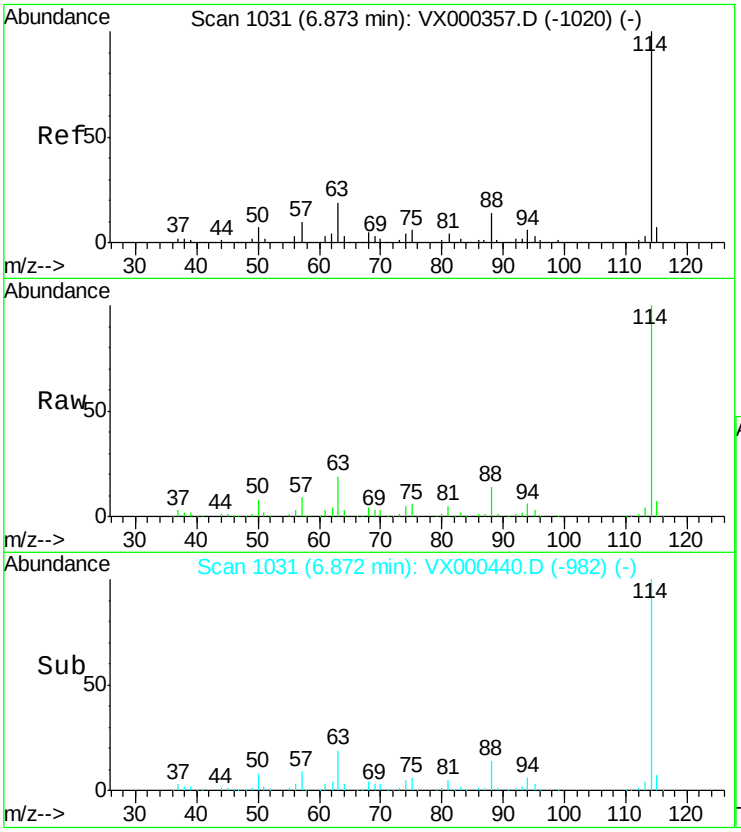


#33
1,2-Dichloroethane-d4
Concen: 56.812 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 65 Resp: 82268

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.2



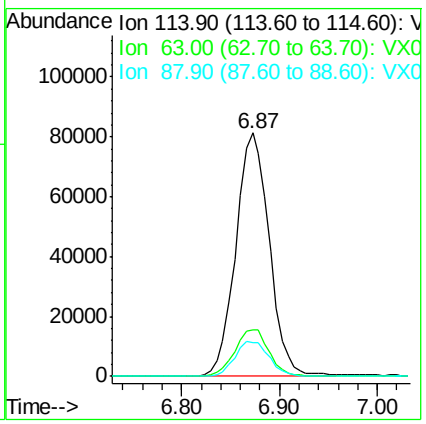


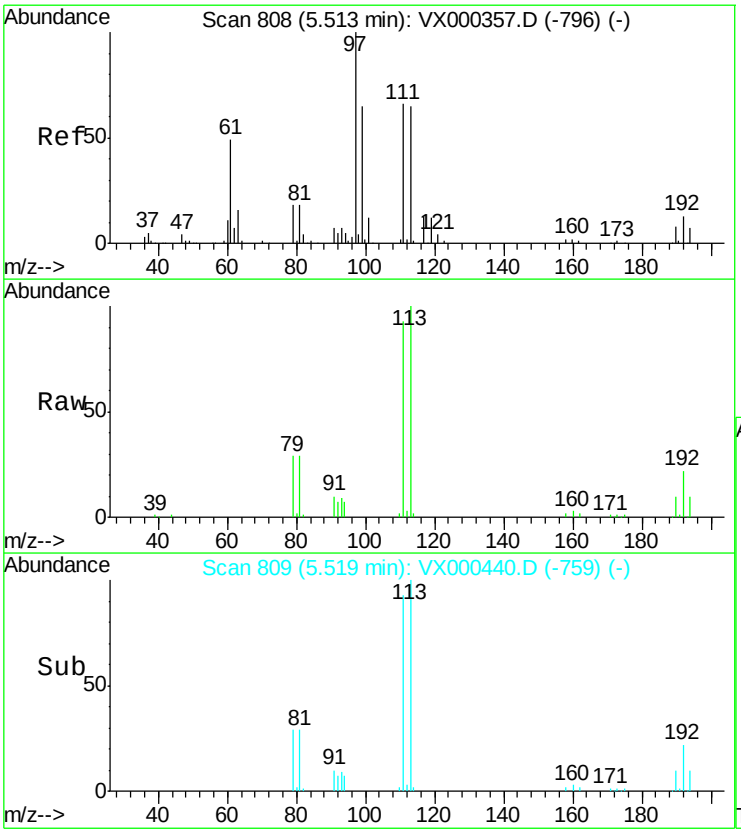
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 193316

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	13.9	0.0	27.0

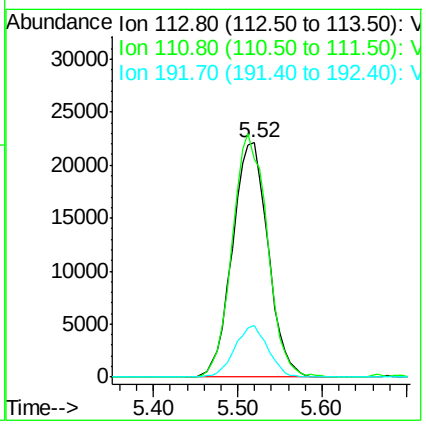


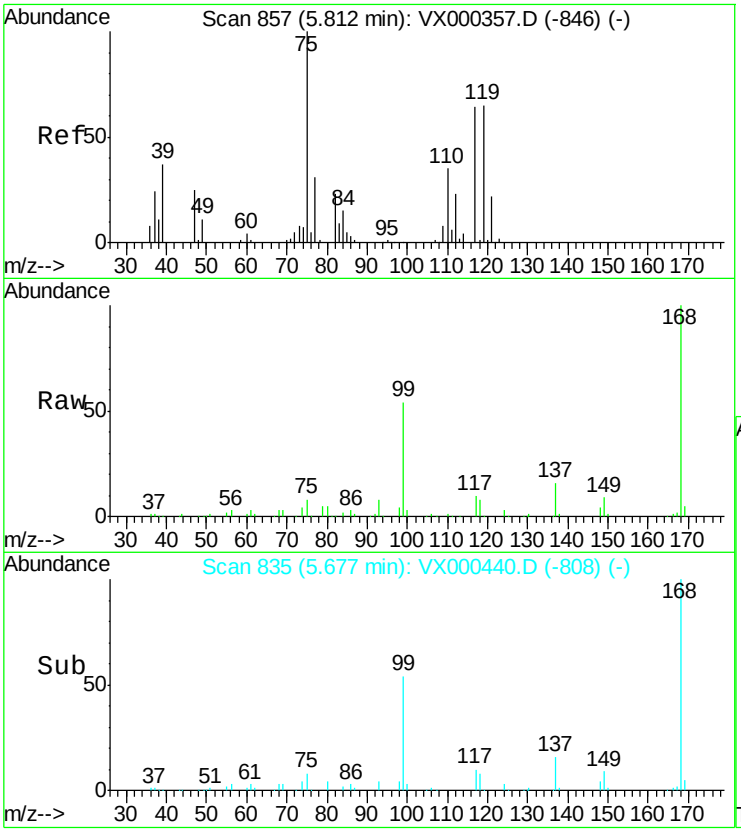


#35
Dibromofluoromethane
Concen: 52.013 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion:113 Resp: 63355

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	20.5	15.8	23.6



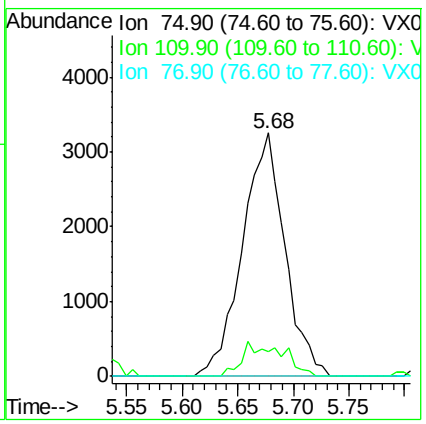


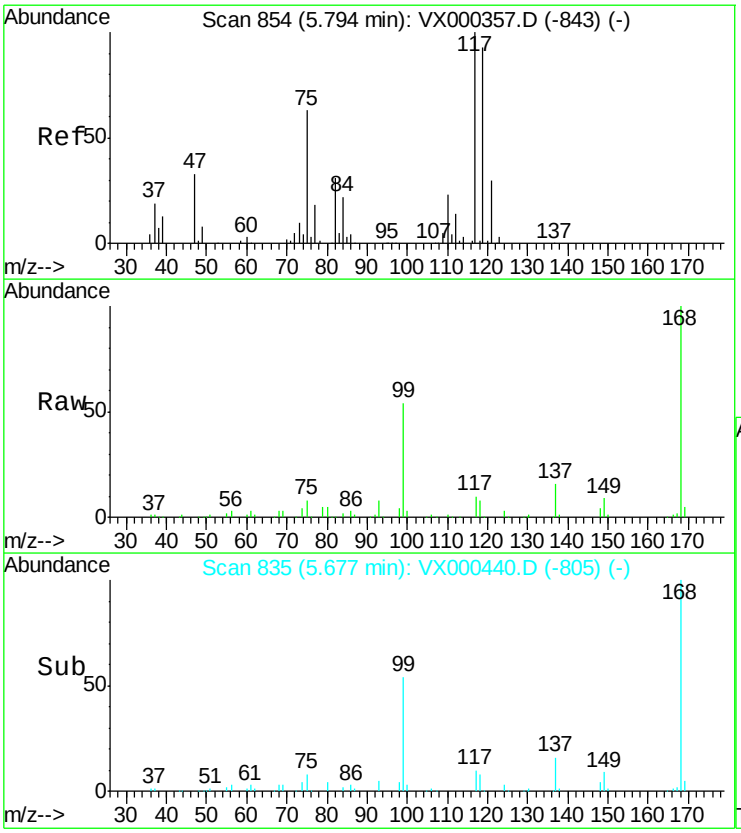
#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 8630

Ion	Ratio	Lower	Upper
75	100		
110	13.6	17.9	53.7#
77	0.0	24.0	36.0#

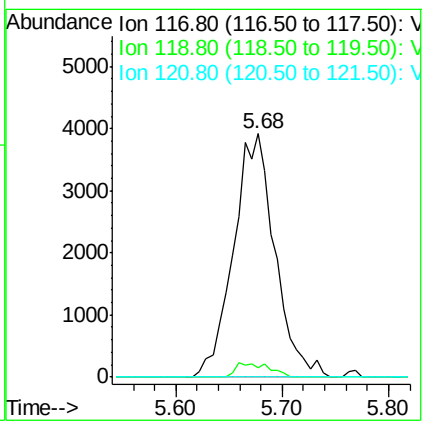


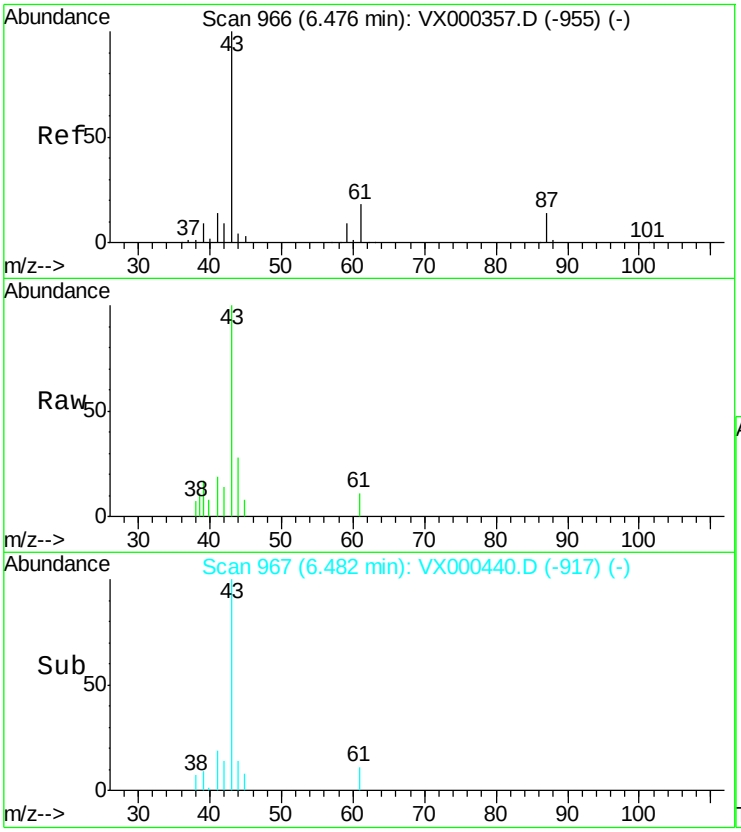


#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion:117 Resp: 10671

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.4	116.2#
121	0.0	24.8	37.2#



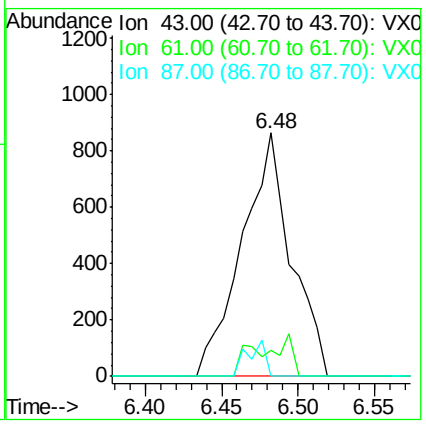


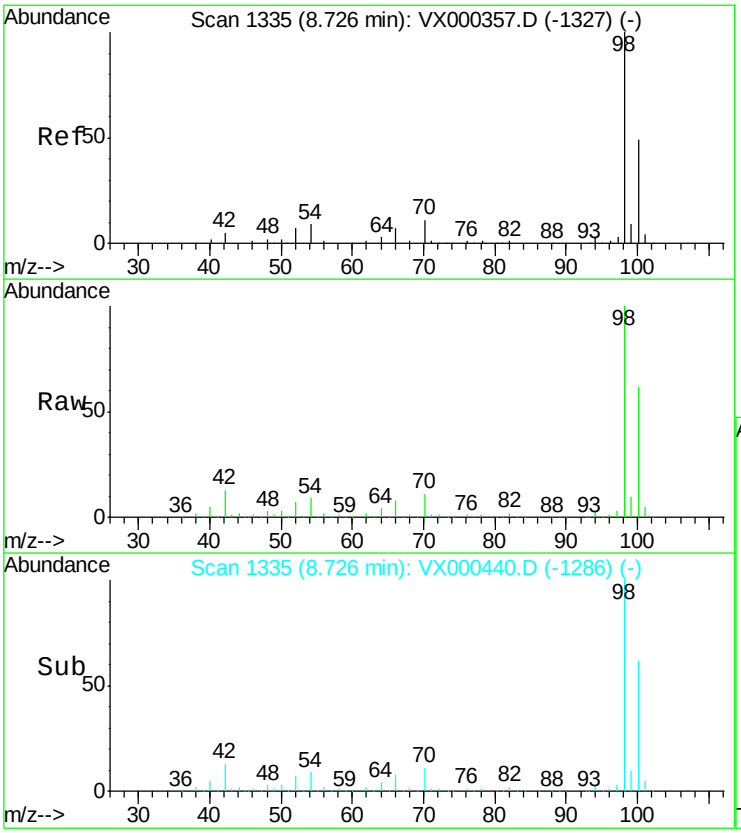
#43
Isopropyl Acetate
Concen: 0.526 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1938

Ion	Ratio	Lower	Upper
43	100		
61	5.4	14.4	21.6#
87	5.3	11.0	16.4#

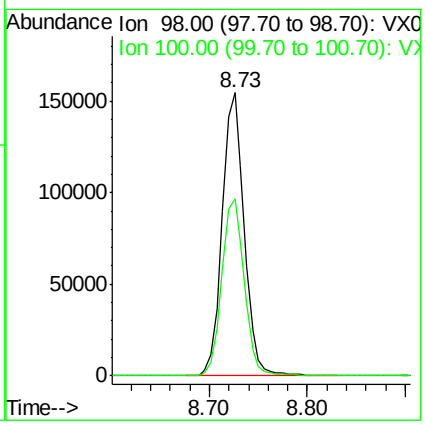


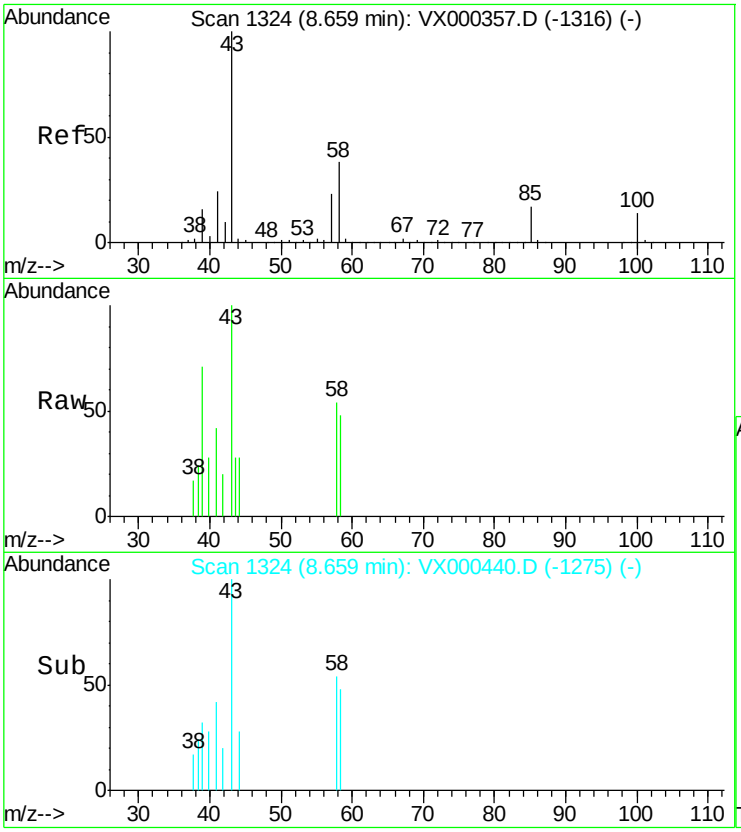


#50
Toluene-d8
Concen: 47.882 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 98 Resp: 241550

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8



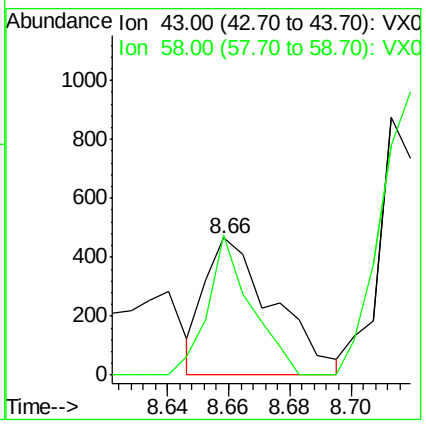


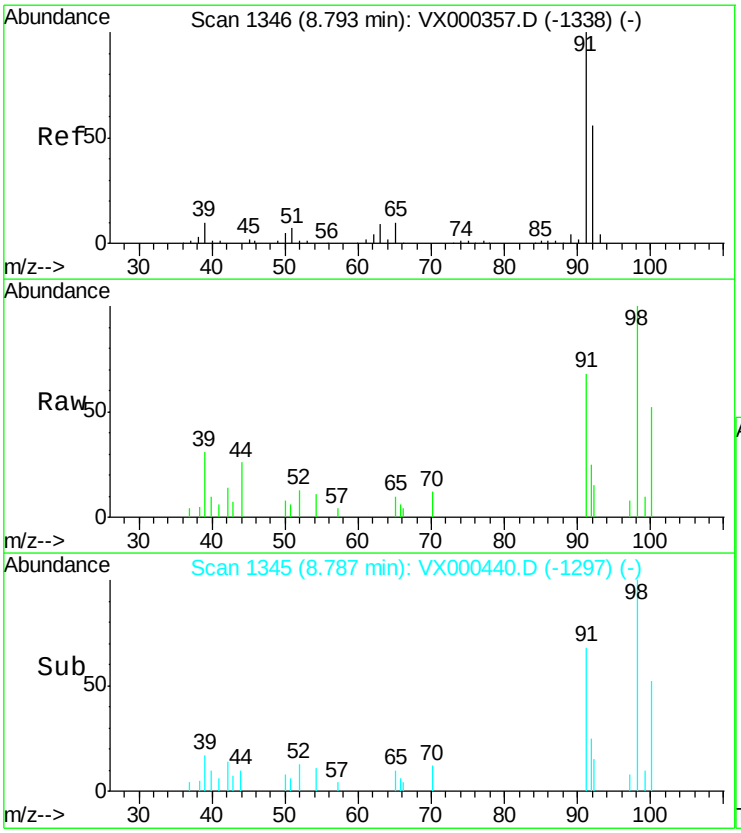
#51
4-Methyl-2-Pentanone
Concen: 0.255 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 726

Ion	Ratio	Lower	Upper
43	100		
58	64.5	30.3	45.5#

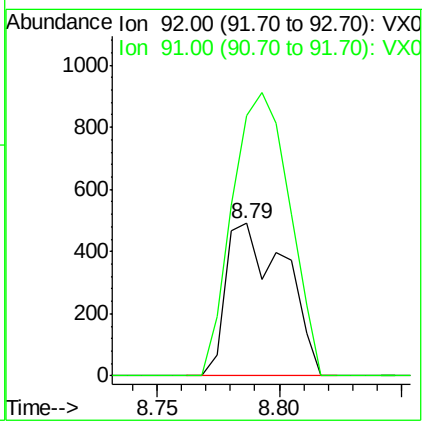


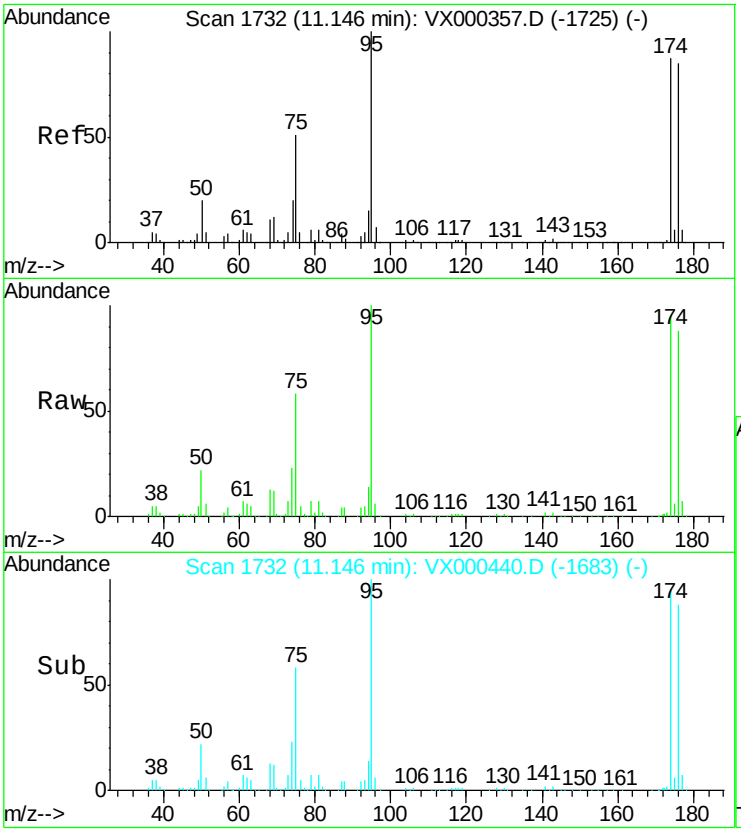


#52
Toluene
Concen: 0.223 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 92 Resp: 821

Ion	Ratio	Lower	Upper
92	100		
91	180.4	140.2	210.2



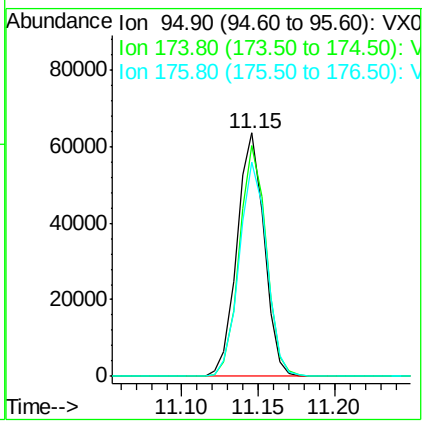


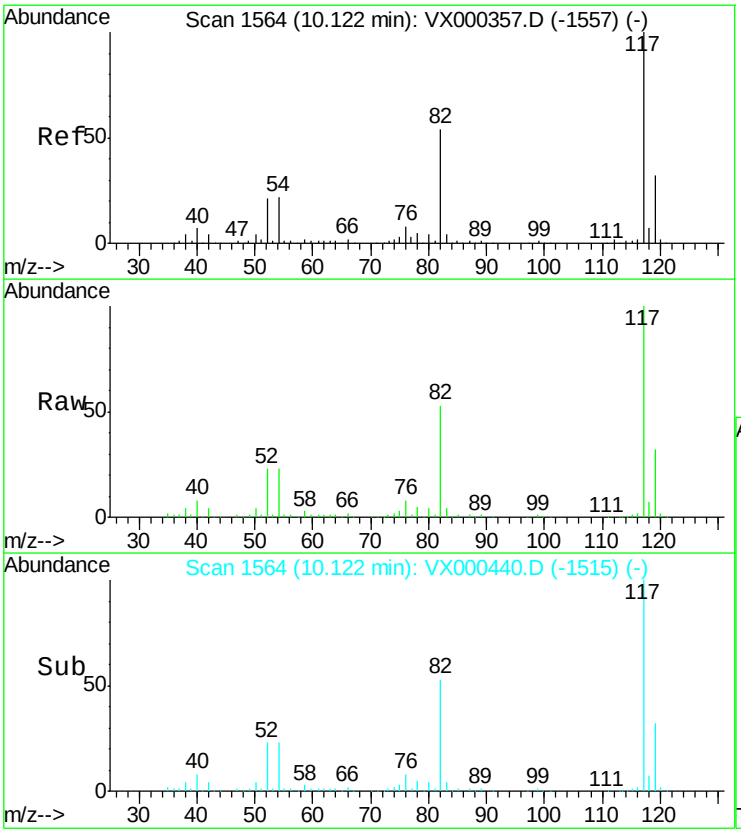
#62
4-Bromofluorobenzene
Concen: 38.299 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 78123

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	173.6
176	89.2	0.0	164.6

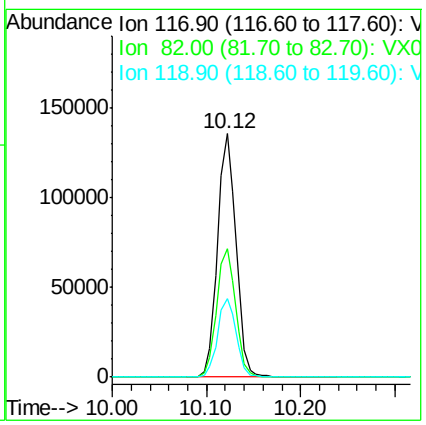


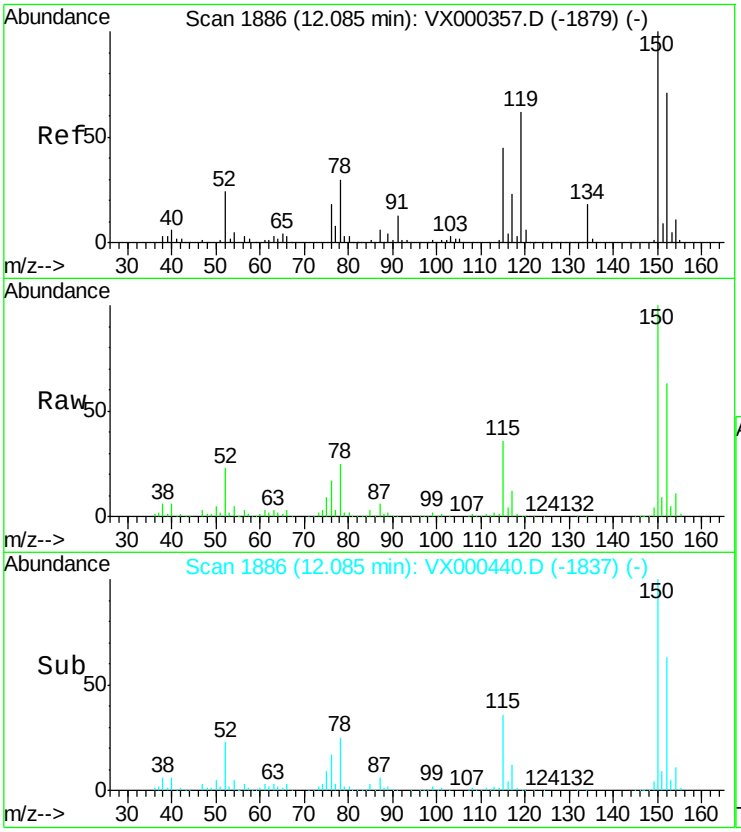


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion:117 Resp: 185577

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.8
119	32.2	24.9	37.3



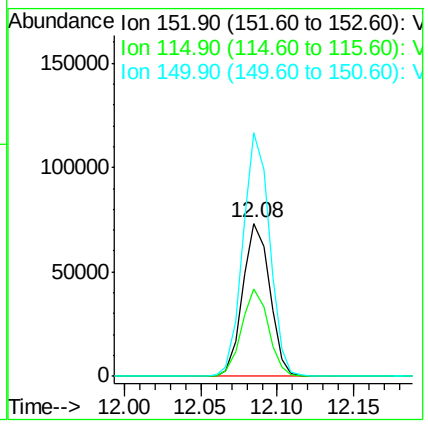


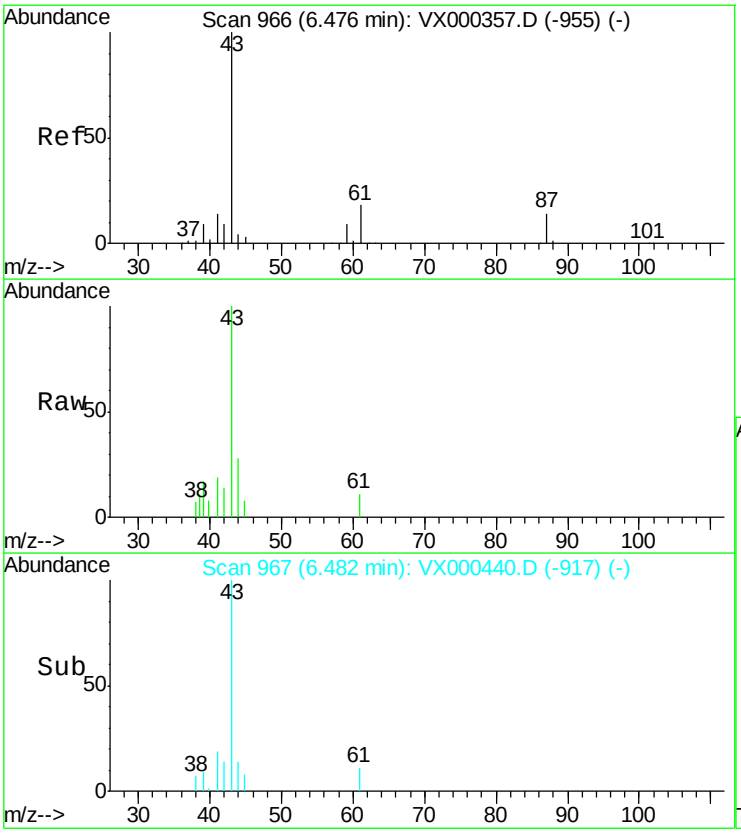
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 90199

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.8	119.3
150	156.5	0.0	344.4

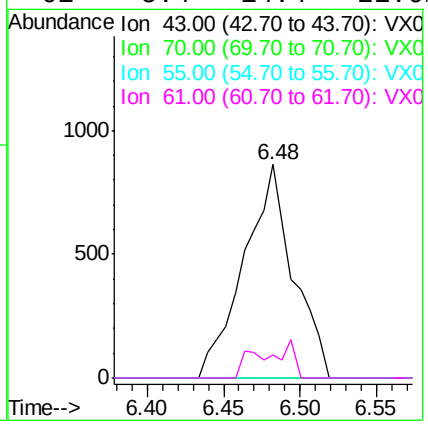


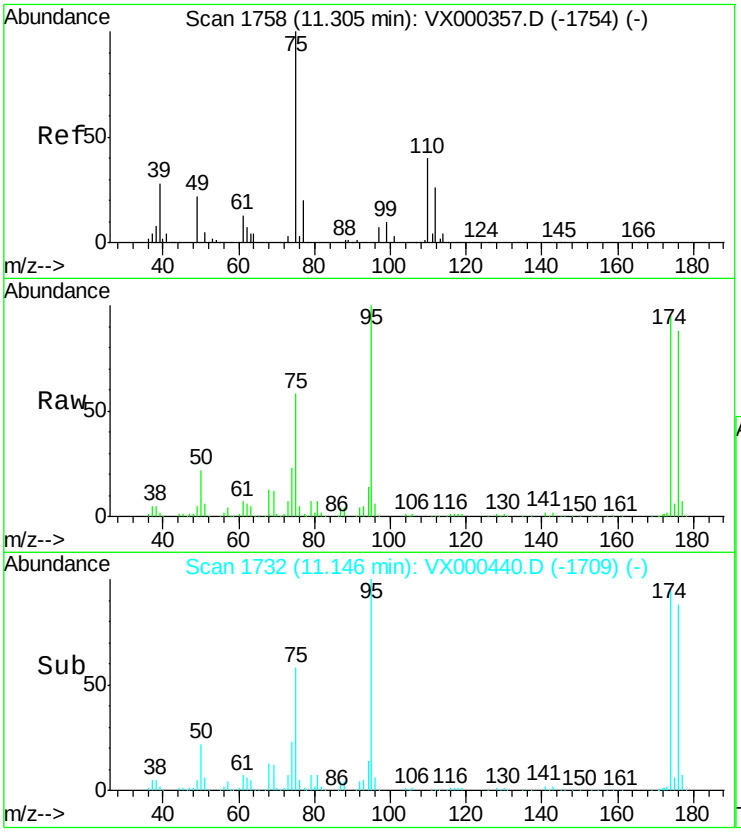


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 43 Resp: 1938

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	5.4	14.4	21.6#



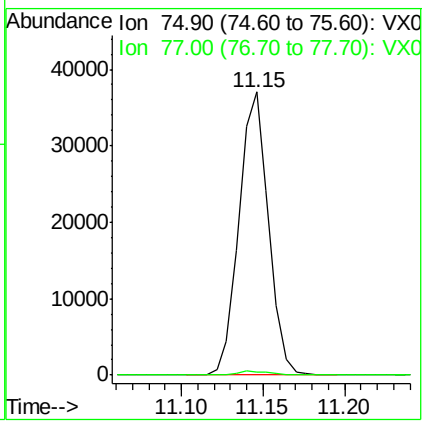


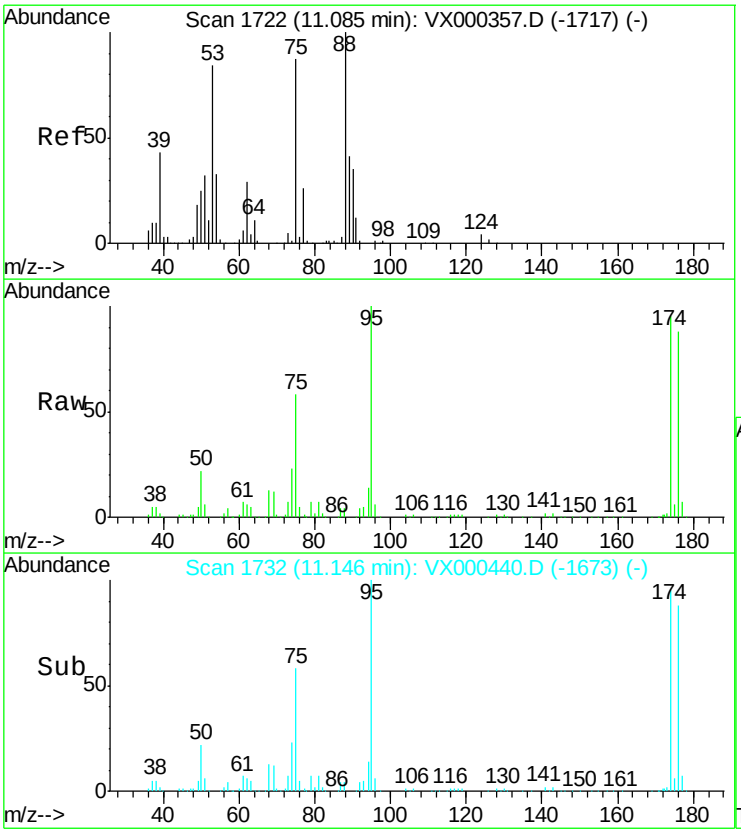
#76
1,2,3-Trichloropropane
Concen: 23.991 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46507

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.2#

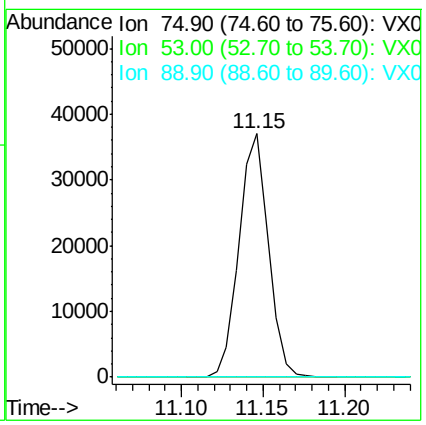


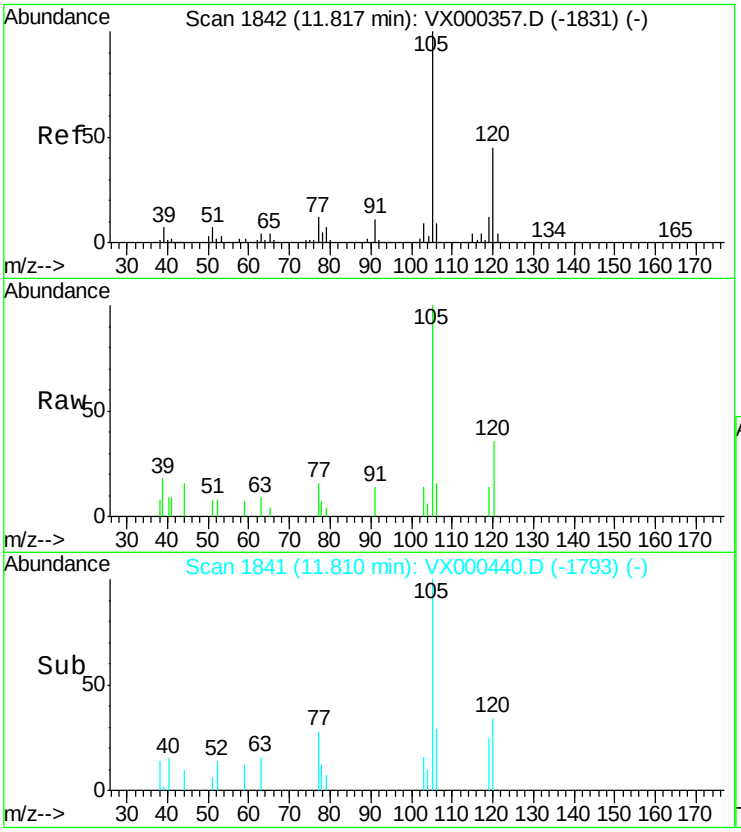


#81
trans-1,4-Dichloro-2-butene
Concen: 77.674 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion: 75 Resp: 46507

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



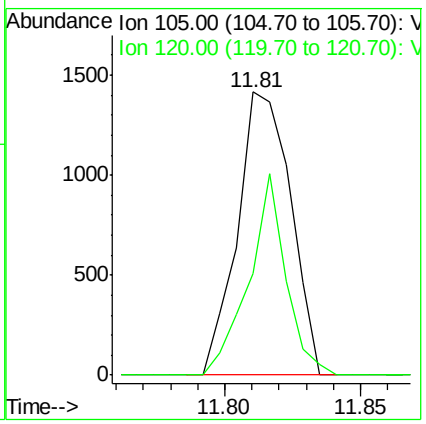


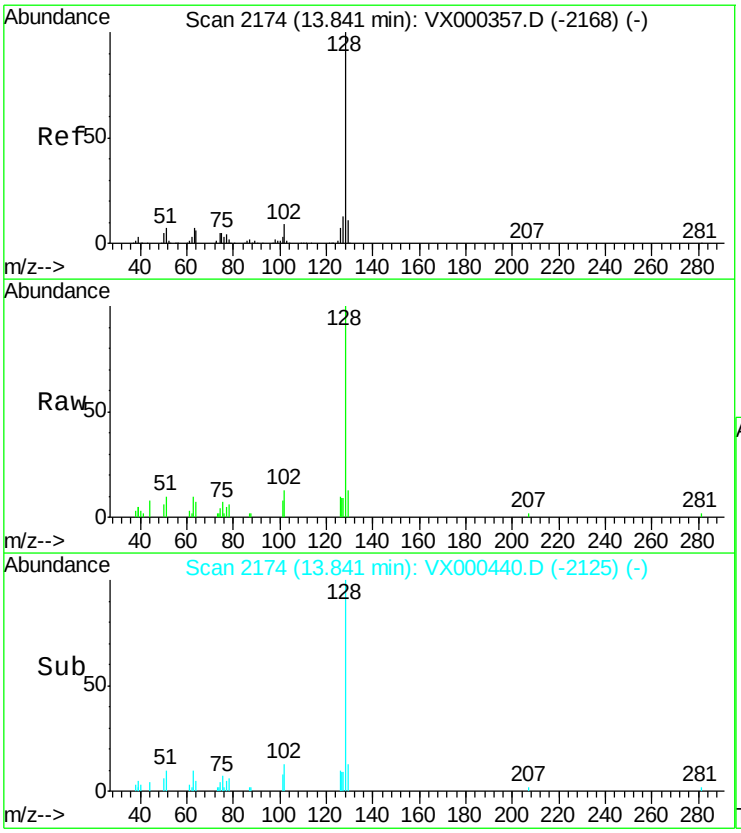
#84
1,2,4-Trimethylbenzene
Concen: 0.364 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1920

Ion	Ratio	Lower	Upper
105	100		
120	49.3	22.4	67.3





#95
Naphthalene
Concen: 0.571 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000440.D
Acq: 26 Mar 2018 15:00

Tgt Ion:128 Resp: 4206

Ion	Ratio	Lower	Upper
128	100		
127	17.4	10.6	15.8#
129	15.1	8.9	13.3#