Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000494.D
Acq On : 28 Mar 2018 17:34
Operator : JC/MD
Sample : J2088-05 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-1

Quant Time: Mar 29 04:11:38 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	93582	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	170818	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	164468	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85770	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	70356	57.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.18%				
35) Dibromofluoromethane	5.51	113	55114	51.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.42%				
50) Toluene-d8	8.73	98	214160	48.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.08%				
62) 4-Bromofluorobenzene	11.15	95	72591	39.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.90%				
Target Compounds							Qvalue
6) Chloroethane	1.73	64	142	Below Cal		#	44
8) Diethyl Ether	2.20	74	338	0.46	ug/l	#	17
10) Methyl Iodide	2.61	142	19	4.29	ug/l	#	37
13) Acrolein	2.32	56	24	14.75	ug/l	#	13
16) Acetone	2.46	43	6187	6.09	ug/l		94
20) Methylene Chloride	2.87	84	2527	2.15	ug/l		87
25) 2-Butanone	4.73	43	1085	0.95	ug/l	#	89
29) Tetrahydrofuran	5.20	42	357	0.51	ug/l	#	47
31) Cyclohexane	5.67	56	2496	1.62	ug/l	#	60
36) 1,1-Dichloropropene	5.67	75	7274	4.55	ug/l	#	50
38) Carbon Tetrachloride	5.68	117	9425	5.61	ug/l	#	16
43) Isopropyl Acetate	6.48	43	1550	0.48	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.66	43	572	0.23	ug/l	#	86
74) N-amyl acetate	6.48	43	1550	Below Cal		#	76
76) 1,2,3-Trichloropropane	11.15	75	43391	23.54	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	43391	76.21	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	1054	0.21	ug/l		96
95) Naphthalene	13.84	128	45718	6.52	ug/l		99

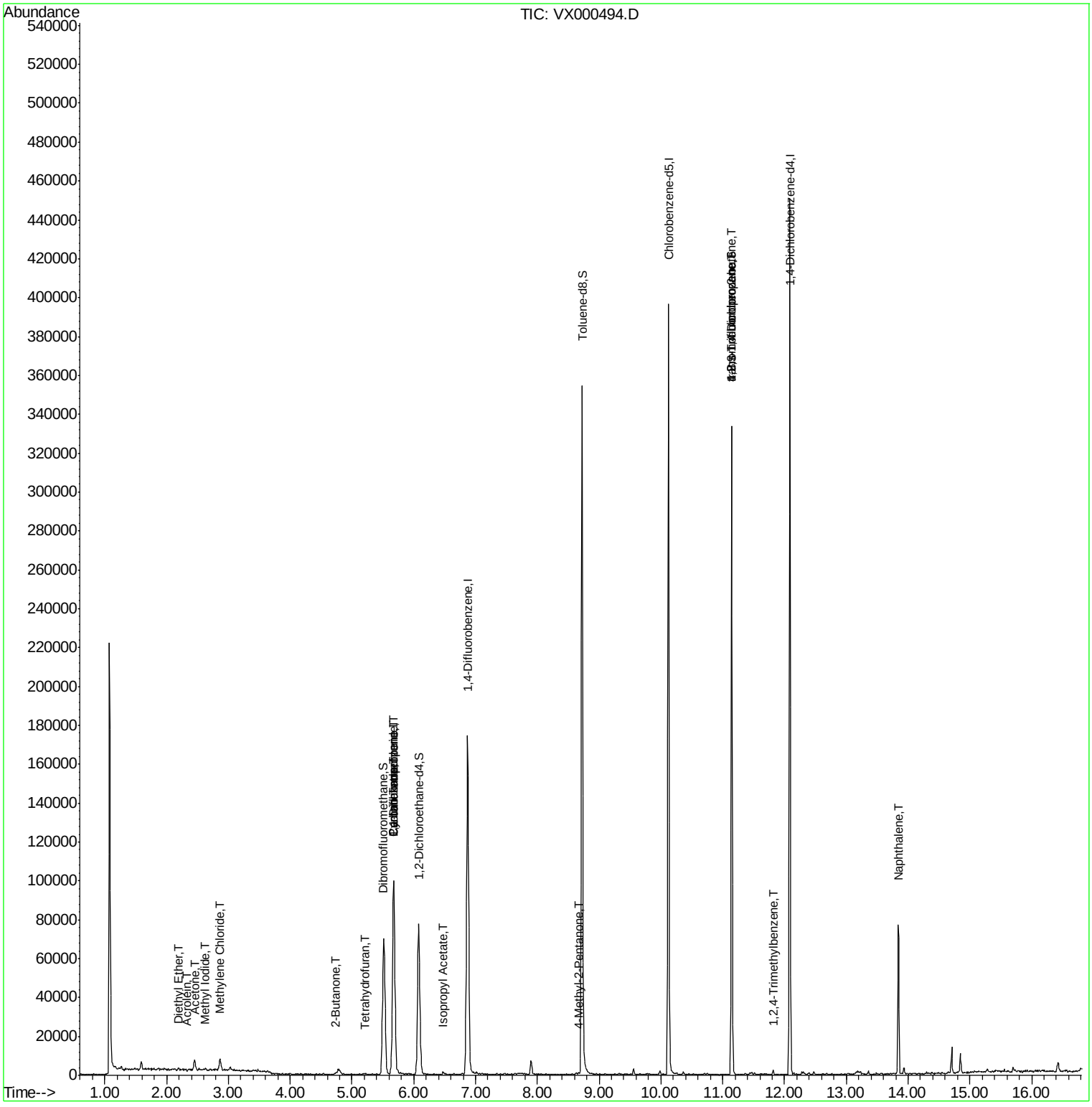
(#) = qualifier out of range (m) = manual integration (+) = signals summed

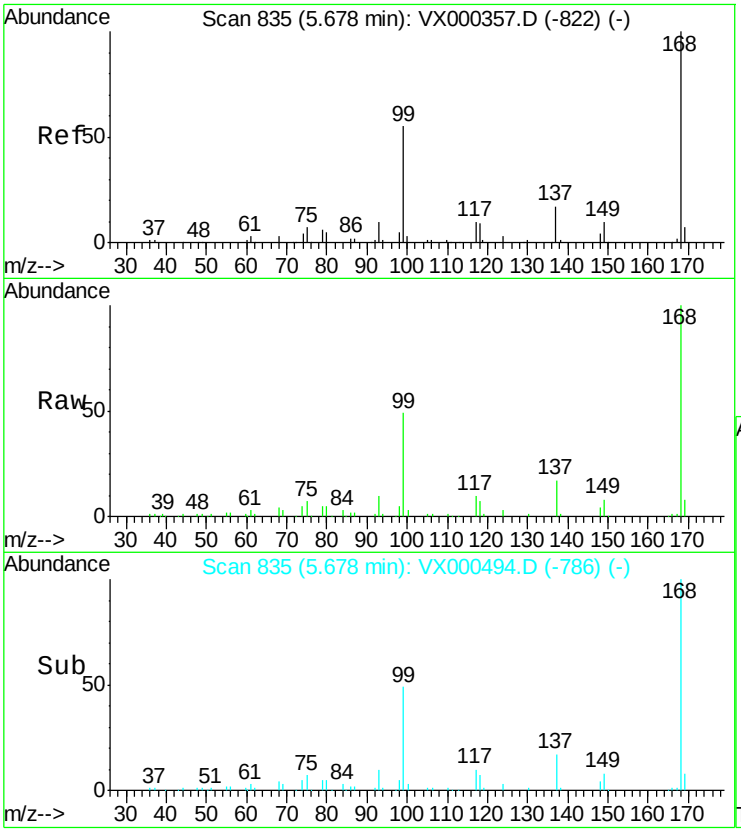
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000494.D
Acq On : 28 Mar 2018 17:34
Operator : JC/MD
Sample : J2088-05 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Quant Time: Mar 29 04:11:38 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



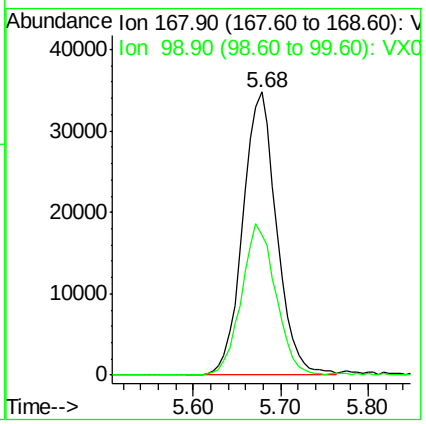


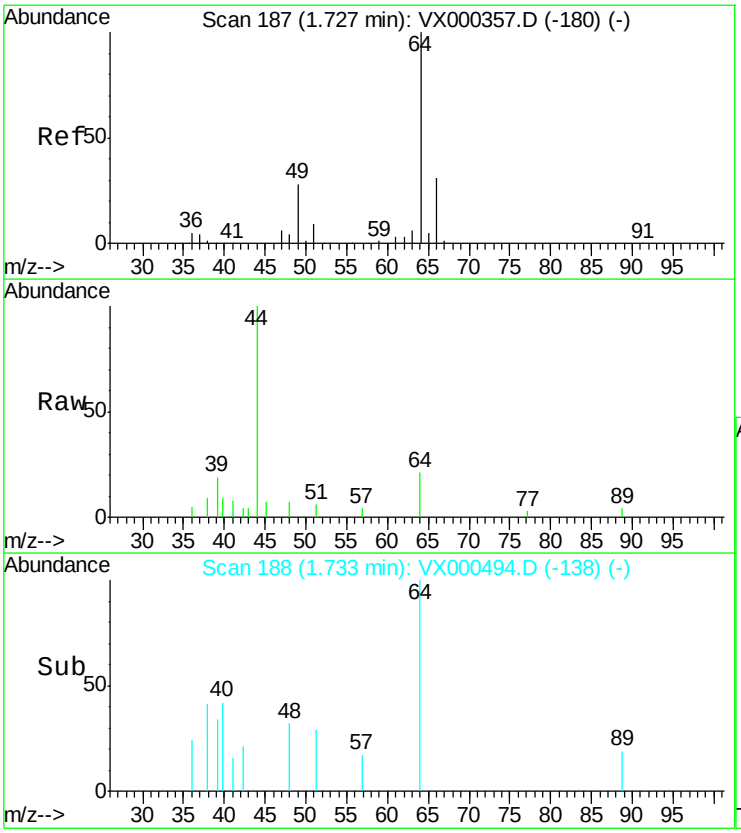
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 93582

Ion	Ratio	Lower	Upper
168	100		
99	49.3	45.8	68.6

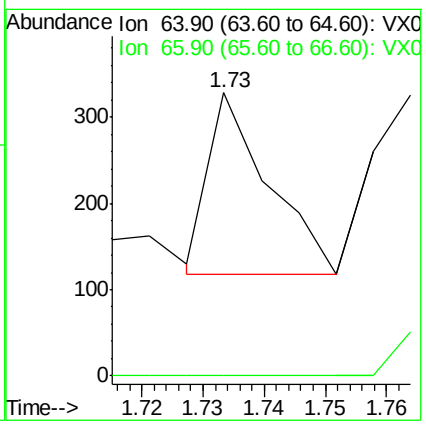


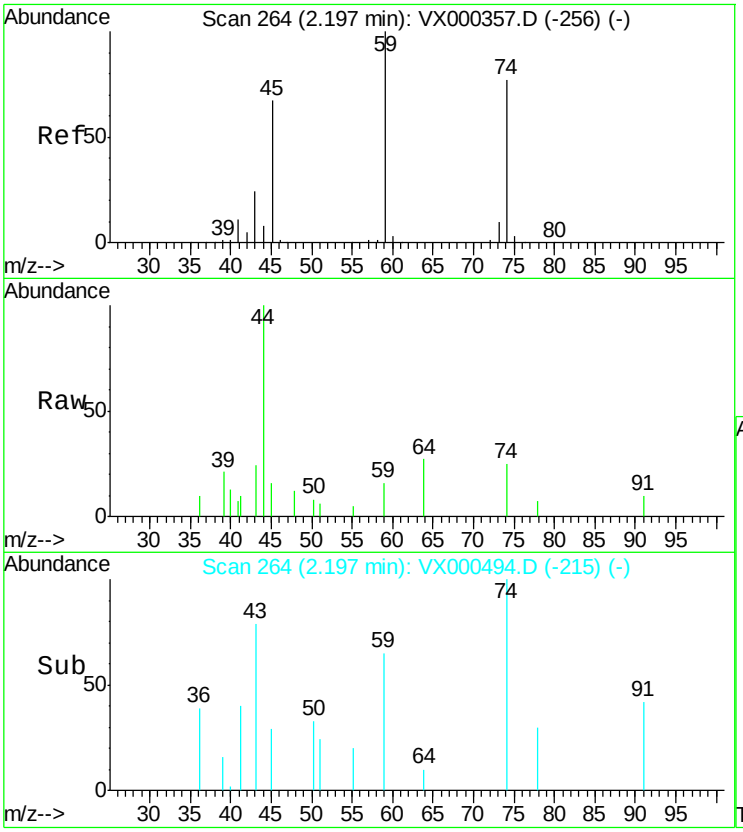


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 64 Resp: 142

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



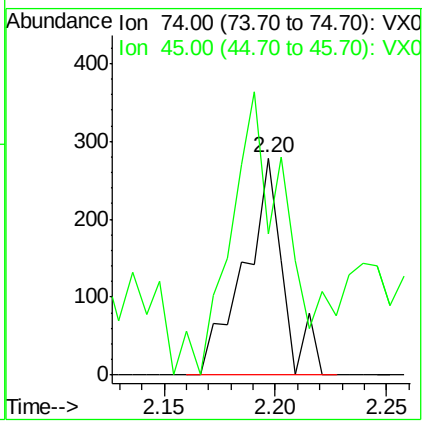


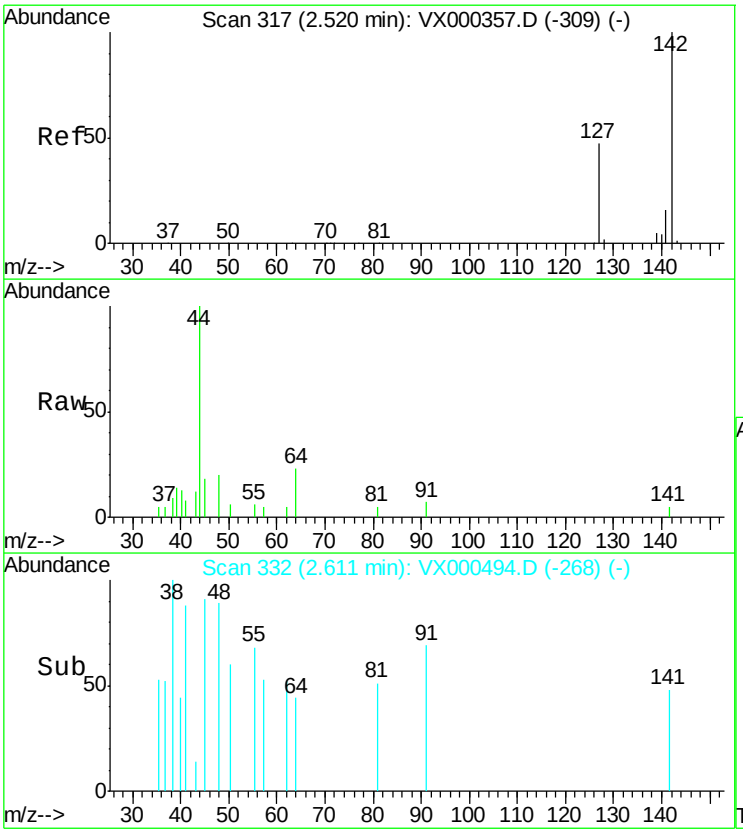
#8
Diethyl Ether
Concen: 0.46 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 74 Resp: 338

Ion	Ratio	Lower	Upper
74	100		
45	168.0	45.1	135.3#

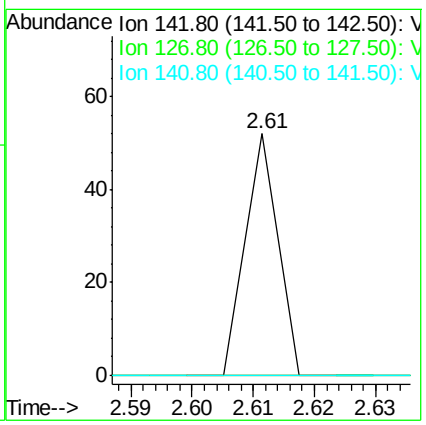


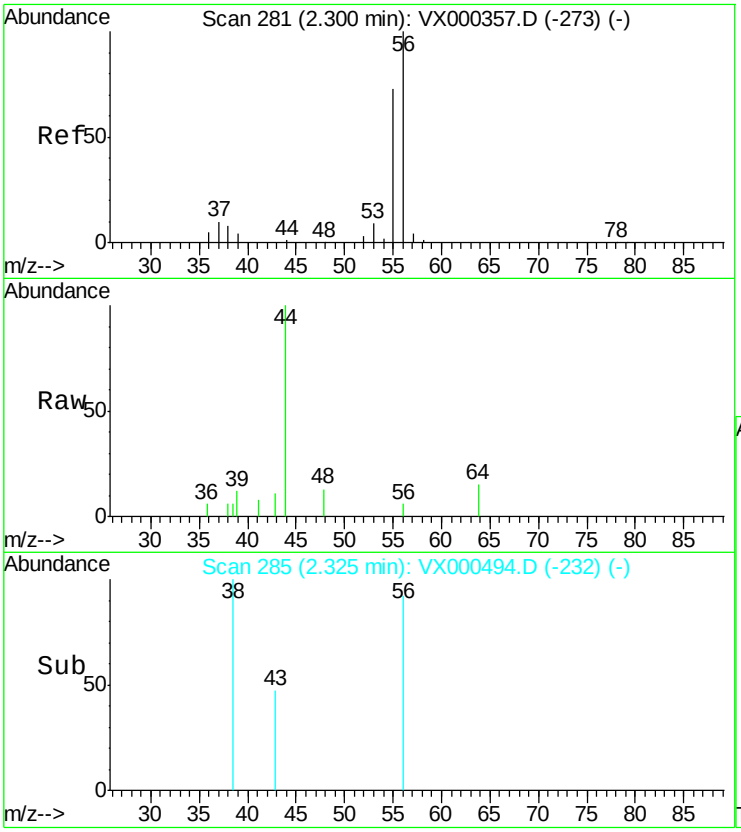


#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.61 min Scan# 332
Delta R.T. 0.09 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion:142 Resp: 19

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



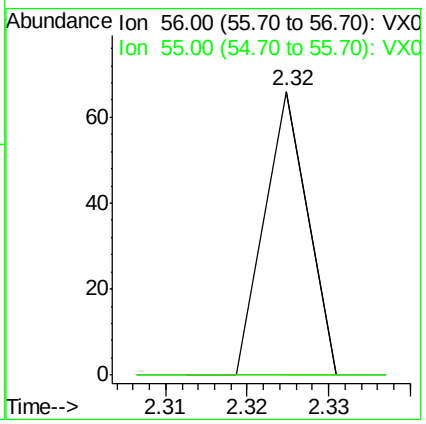


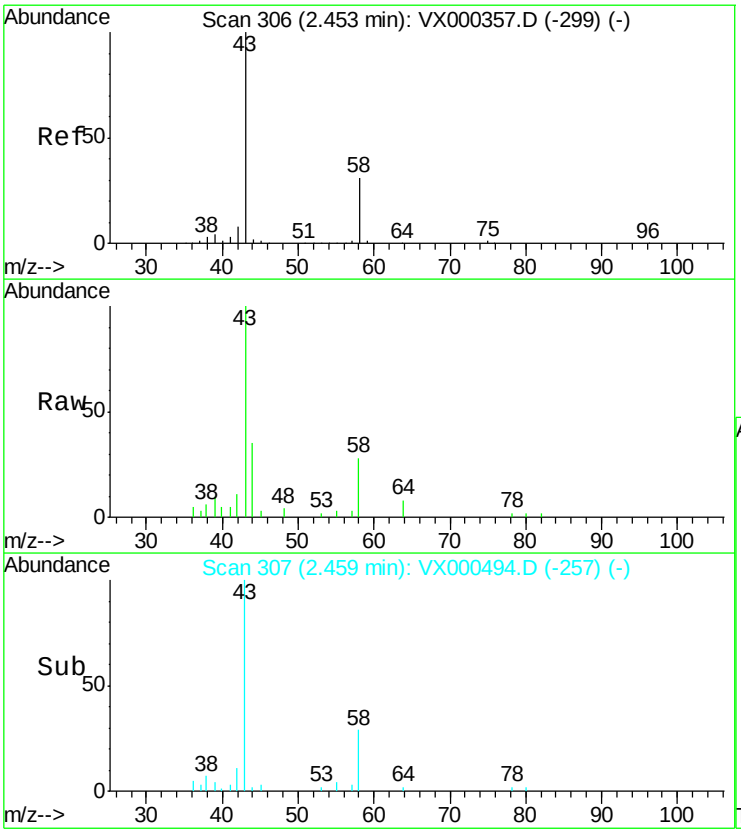
#13
Acrolein
Concen: 14.75 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument : MSVOA_X
ClientSampleId : TP-1

Tgt Ion: 56 Resp: 24

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#

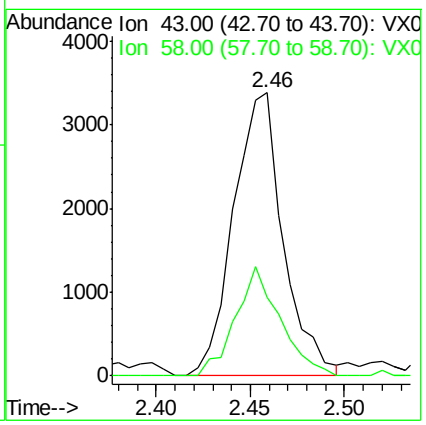


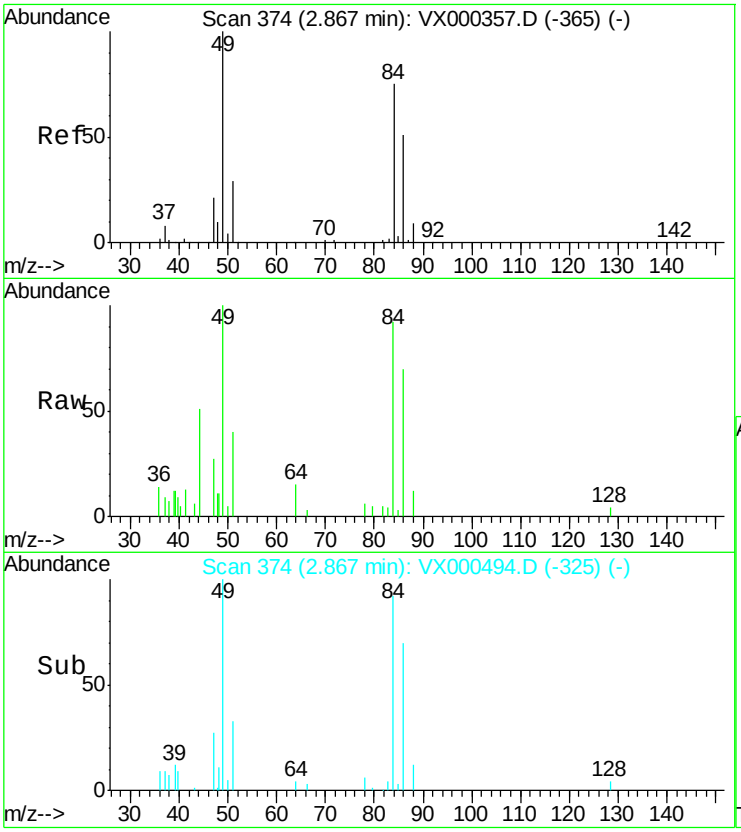


#16
Acetone
Concen: 6.09 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 6187

Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.7	37.1



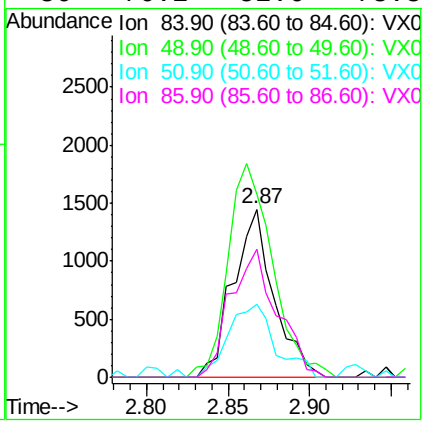


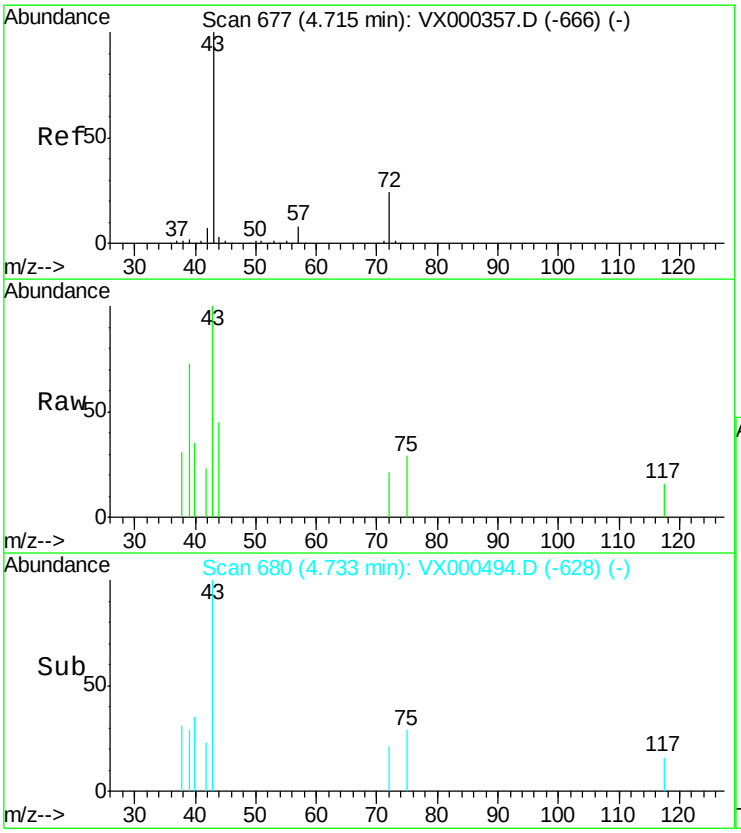
#20
Methylene Chloride
Concen: 2.15 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 2527

Ion	Ratio	Lower	Upper
84	100		
49	108.8	100.6	151.0
51	43.2	31.6	47.4
86	76.2	52.6	78.8

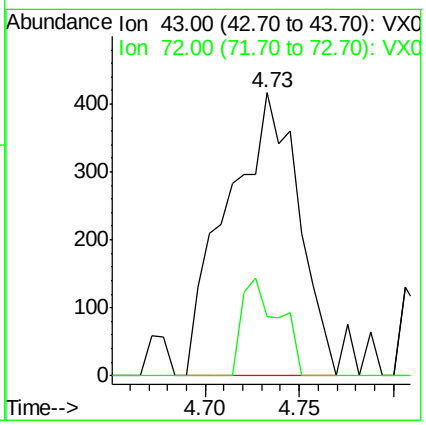


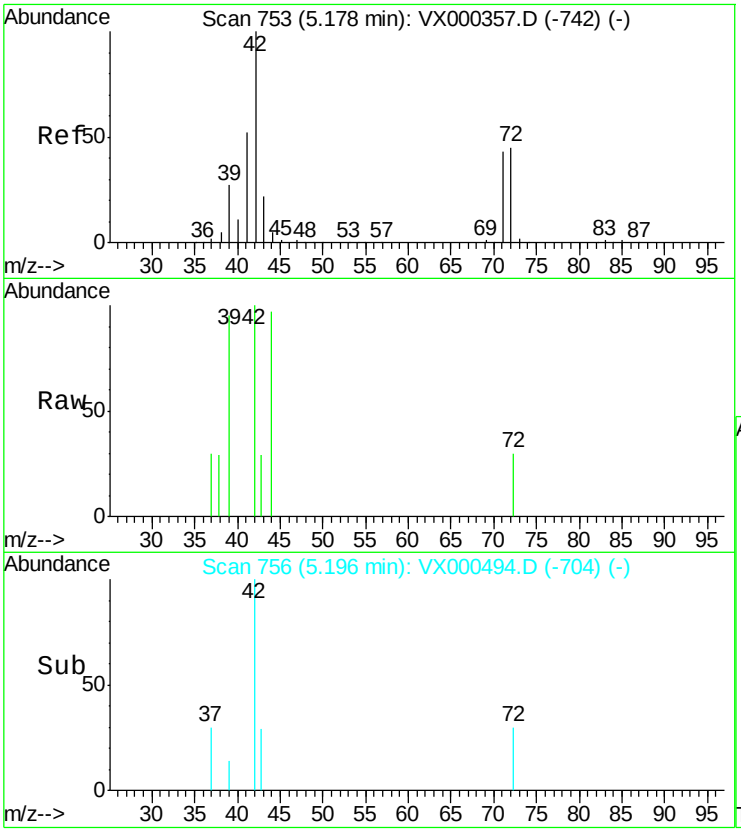


#25
2-Butanone
Concen: 0.95 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 1085

Ion	Ratio	Lower	Upper
43	100		
72	20.9	21.0	31.6#



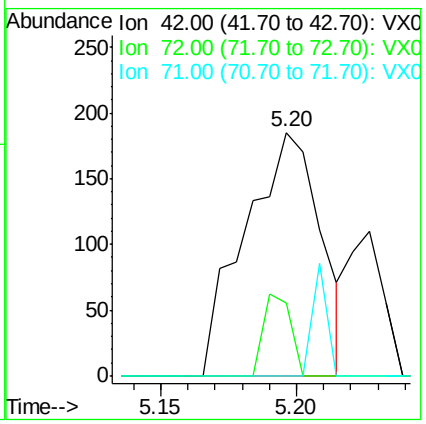


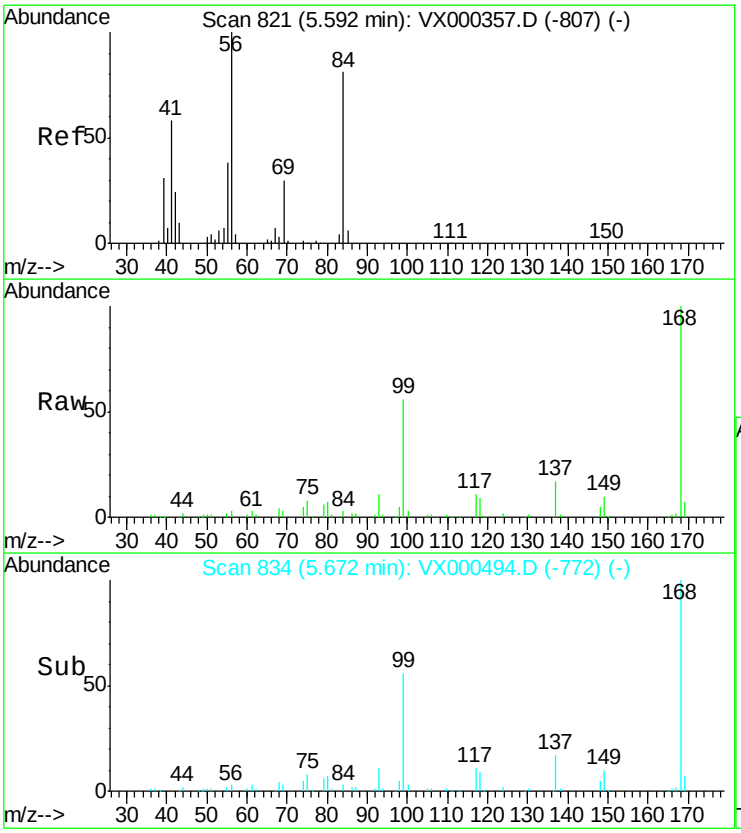
#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 42 Resp: 357

Ion	Ratio	Lower	Upper
42	100		
72	12.0	37.9	56.9#
71	8.7	34.4	51.6#

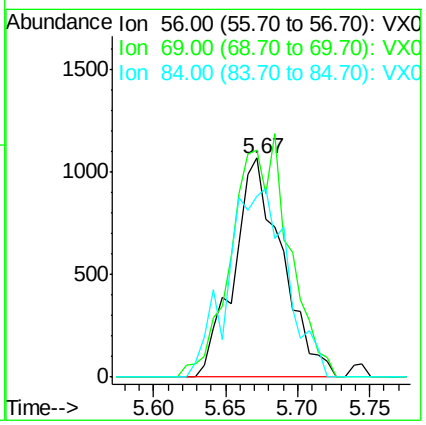


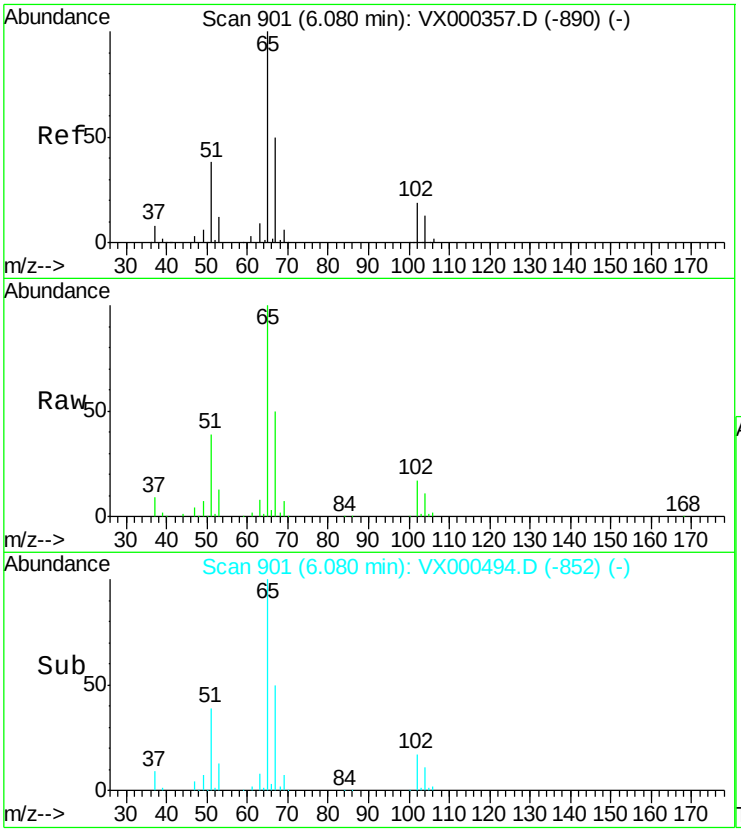


#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 56 Resp: 2496

Ion	Ratio	Lower	Upper
56	100		
69	103.8	23.4	35.0#
84	82.4	71.0	106.4



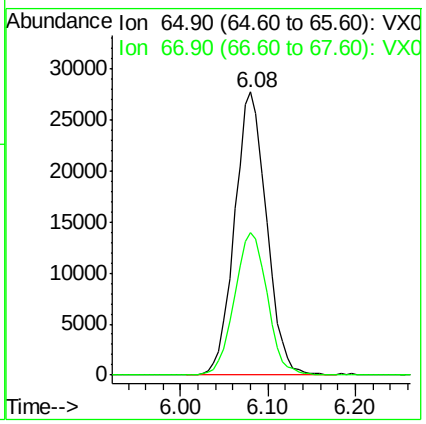


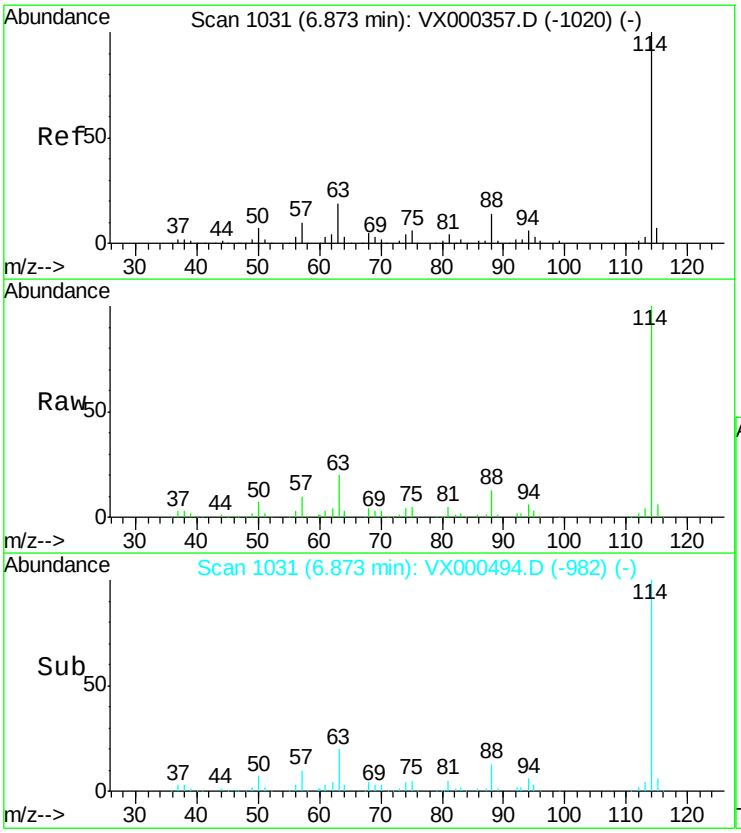
#33
1,2-Dichloroethane-d4
Concen: 57.59 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 70356

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.2

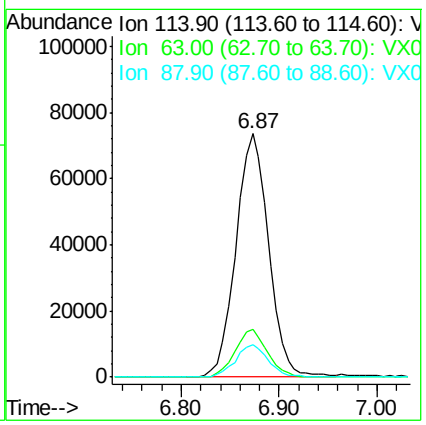


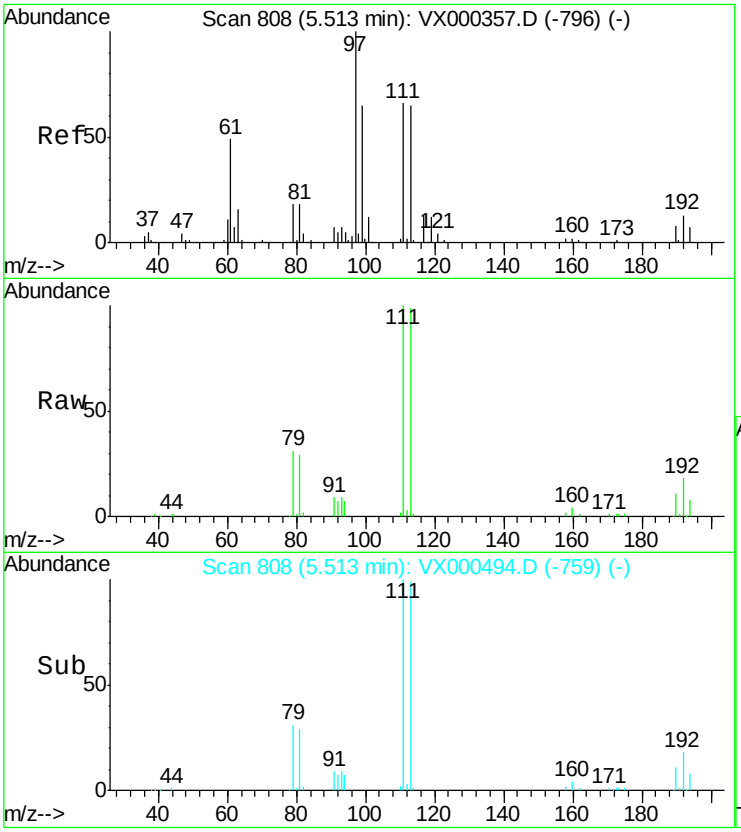


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion:114 Resp: 170818

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	13.4	0.0	27.0



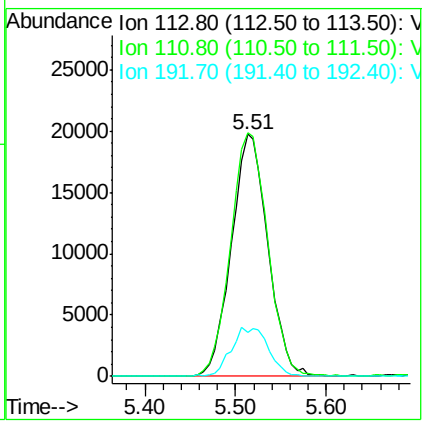


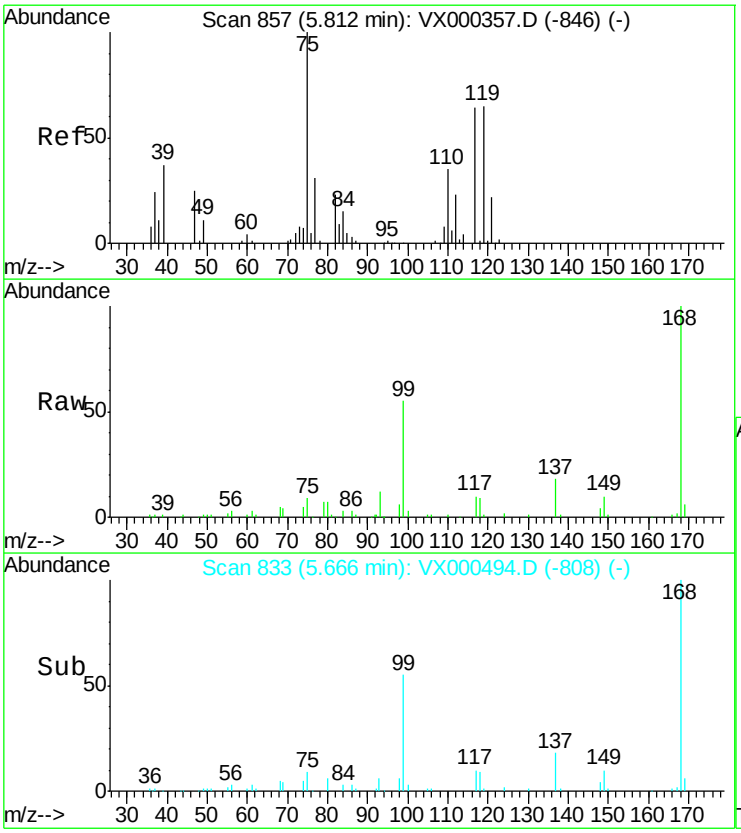
#35
Dibromofluoromethane
Concen: 51.21 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 55114

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.7	15.8	23.6

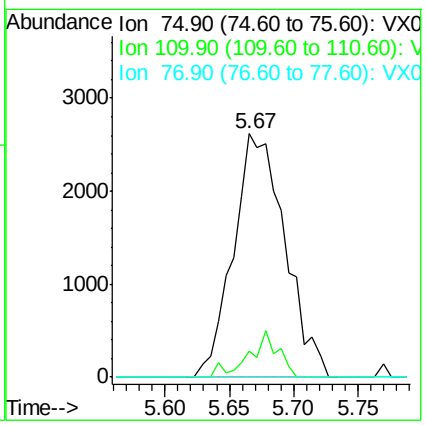


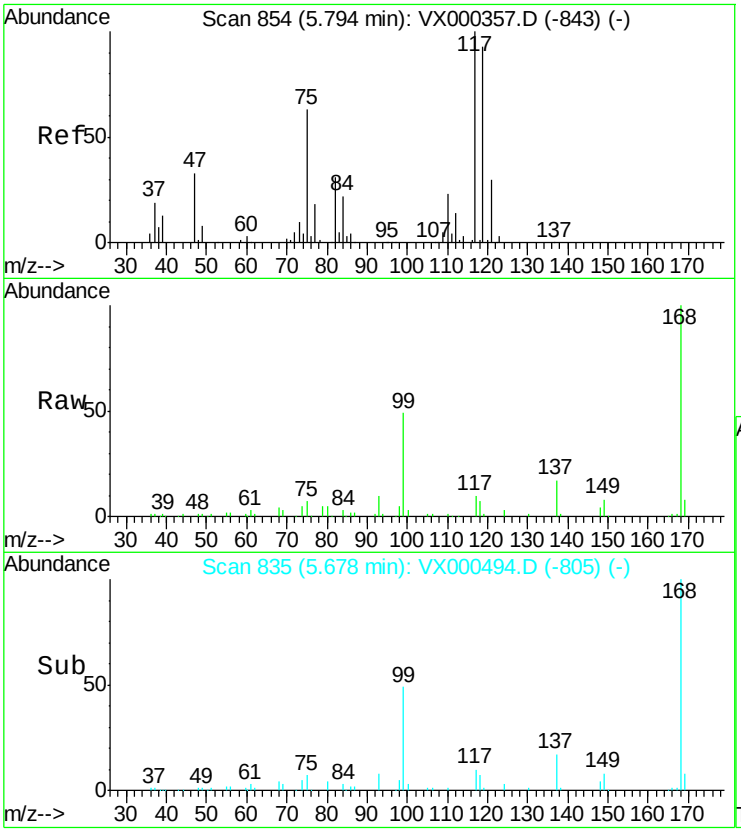


#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.15 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 75 Resp: 7274

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.9	53.7#
77	0.0	24.0	36.0#



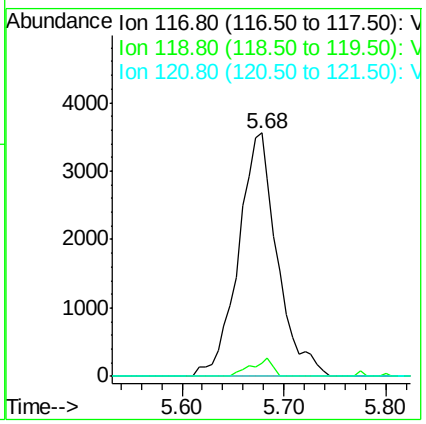


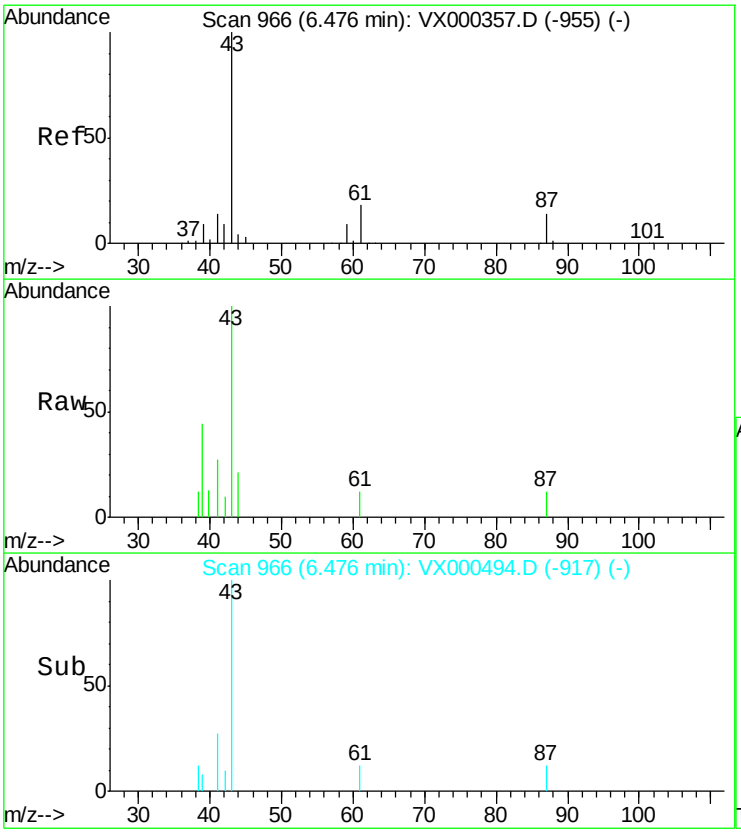
#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 9425

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.4	116.2#
121	0.0	24.8	37.2#

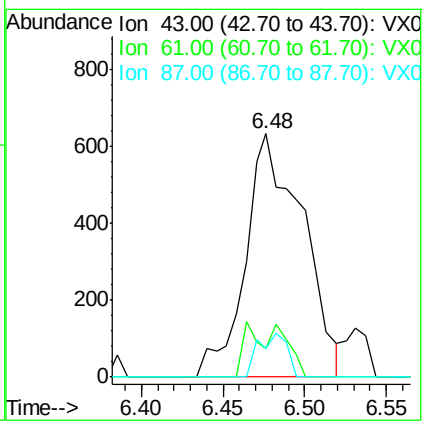


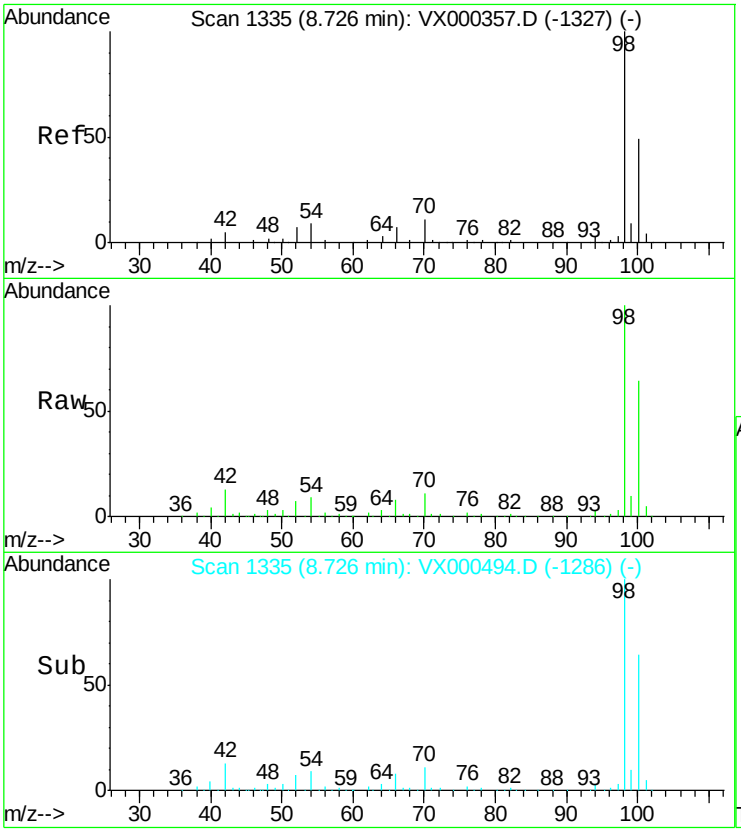


#43
Isopropyl Acetate
Concen: 0.48 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
61	7.3	14.4	21.6#
87	8.8	11.0	16.4#



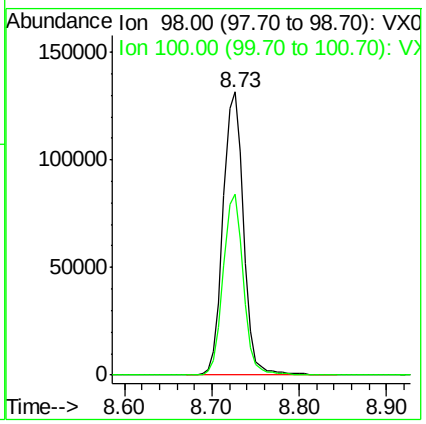


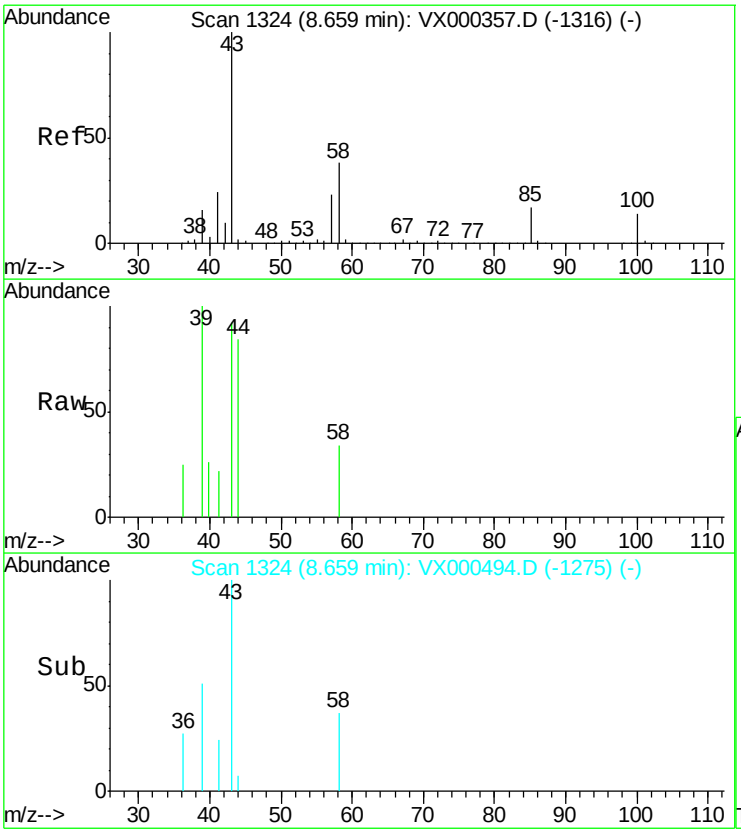
#50
Toluene-d8
Concen: 48.04 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 214160

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.2	76.8

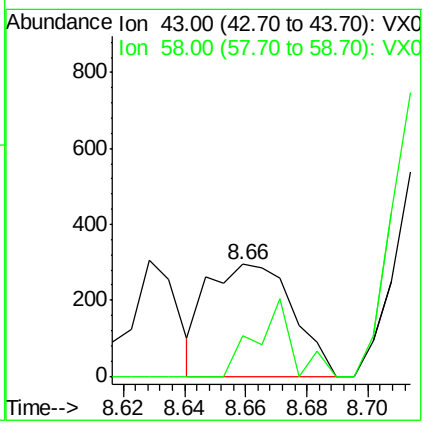


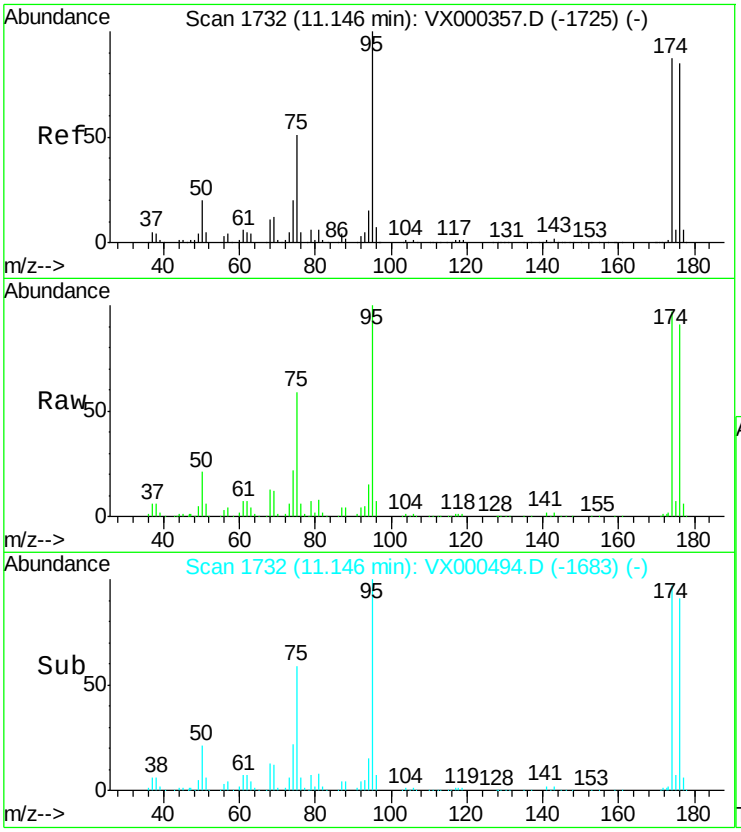


#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 572

Ion	Ratio	Lower	Upper
43	100		
58	29.5	30.3	45.5#



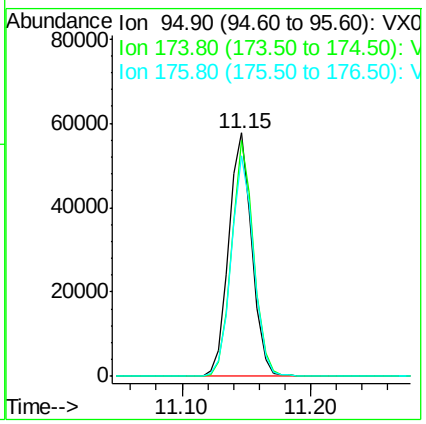


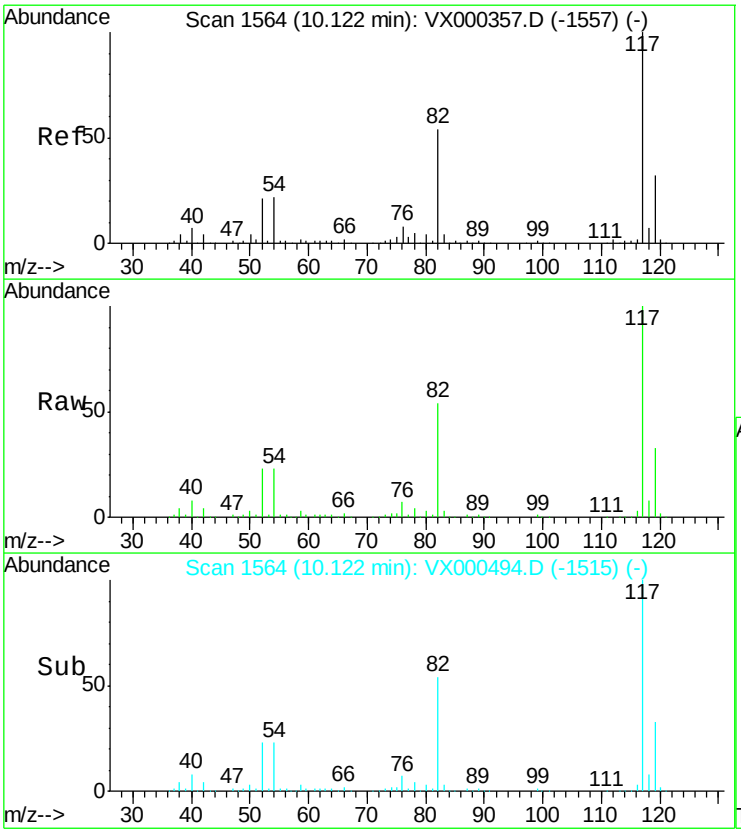
#62
4-Bromofluorobenzene
Concen: 39.95 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 72591

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	173.6
176	88.4	0.0	164.6

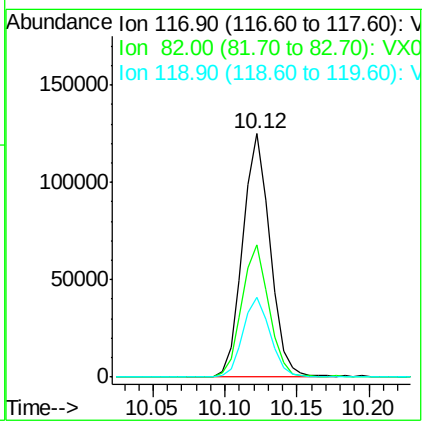


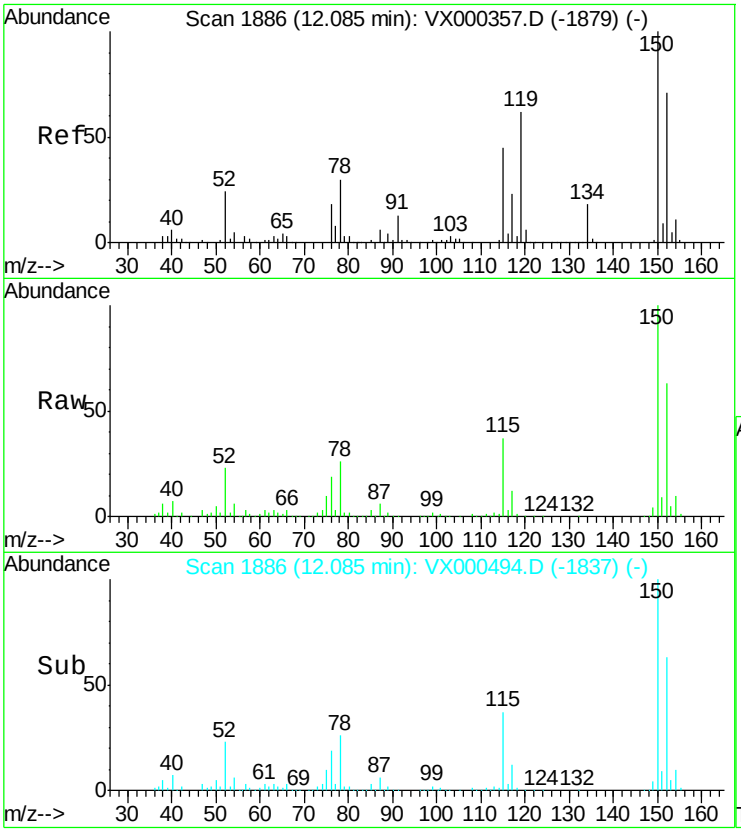


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion:117 Resp: 164468

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	32.8	24.9	37.3



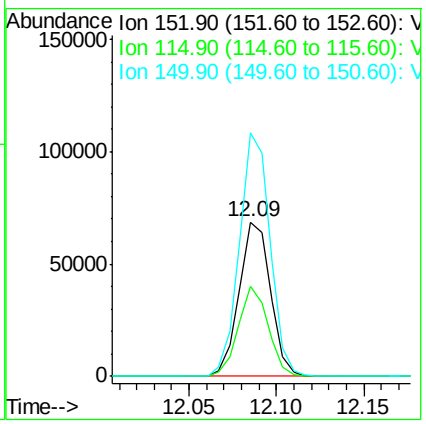


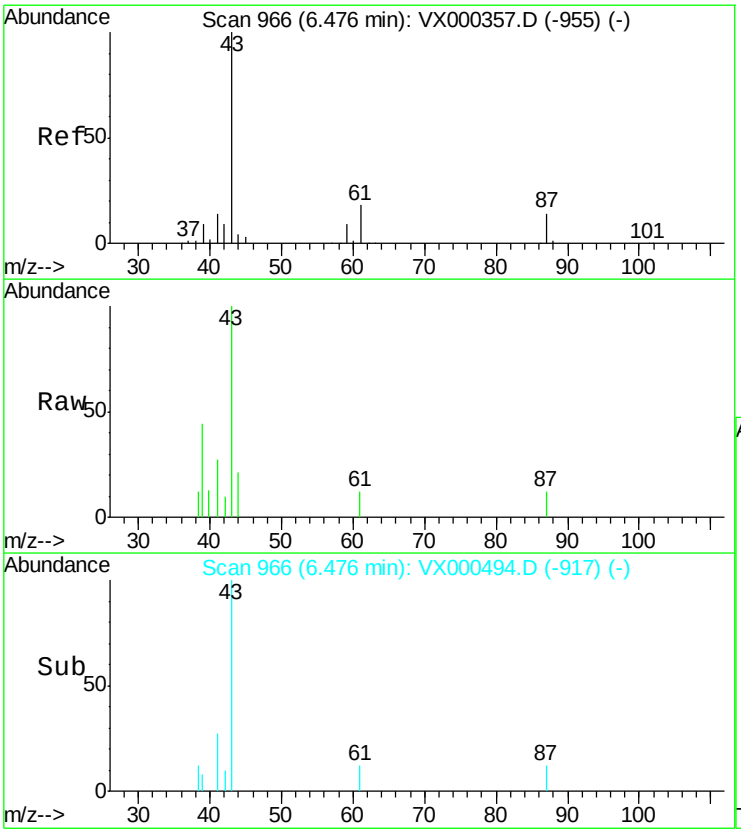
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 85770

Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.8	119.3
150	154.2	0.0	344.4

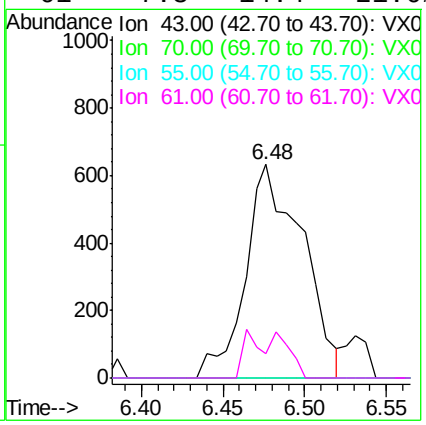


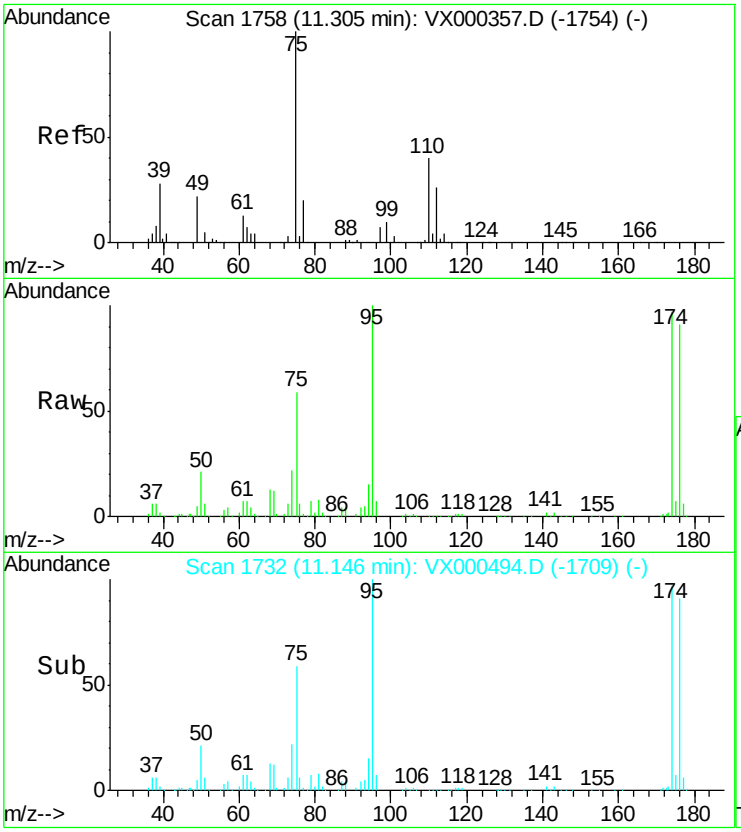


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	7.3	14.4	21.6#



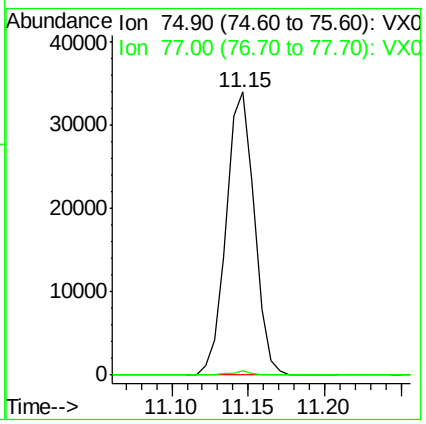


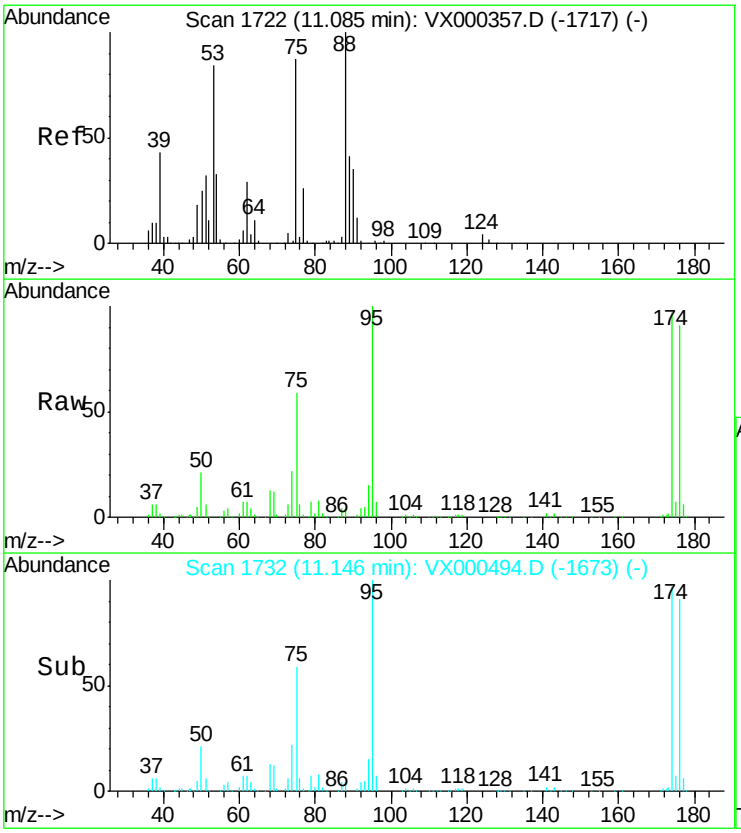
#76
1,2,3-Trichloropropane
Concen: 23.54 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 43391

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

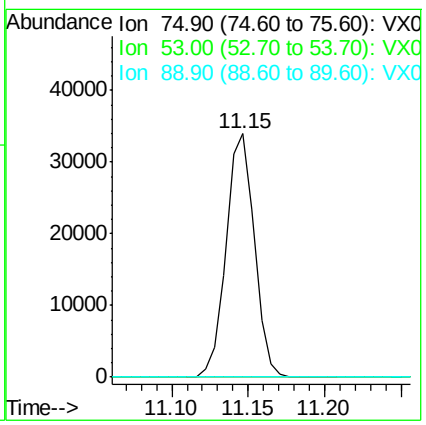


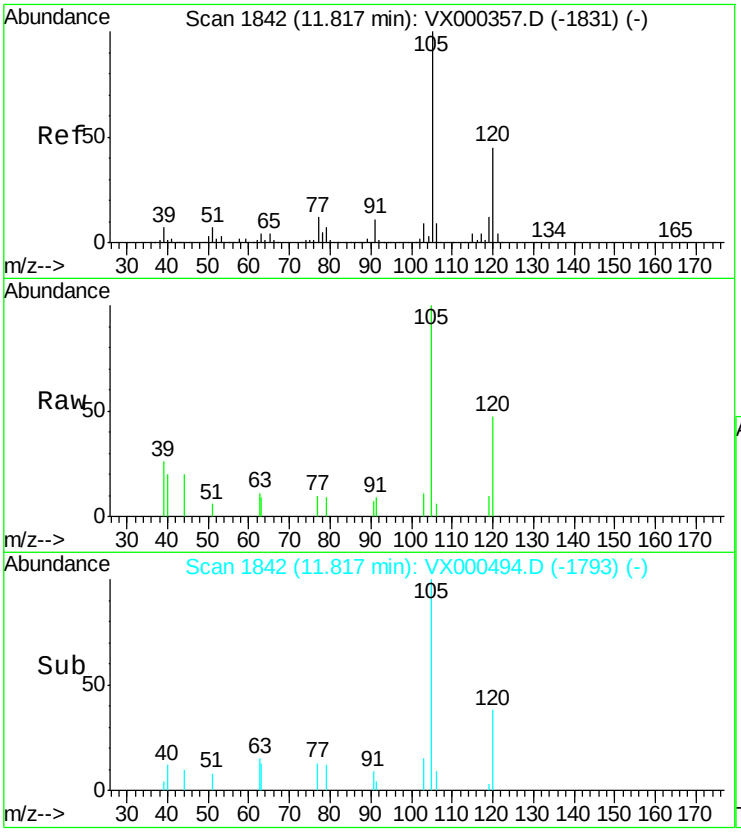


#81
trans-1,4-Dichloro-2-butene
Concen: 76.21 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 75 Resp: 43391

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



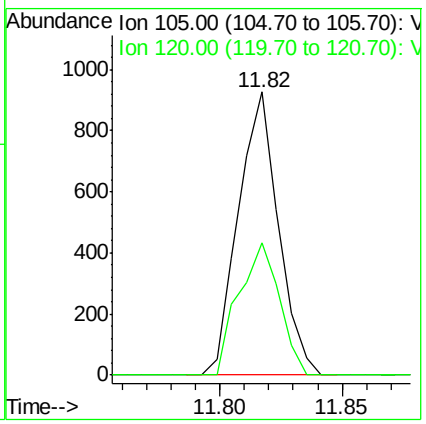


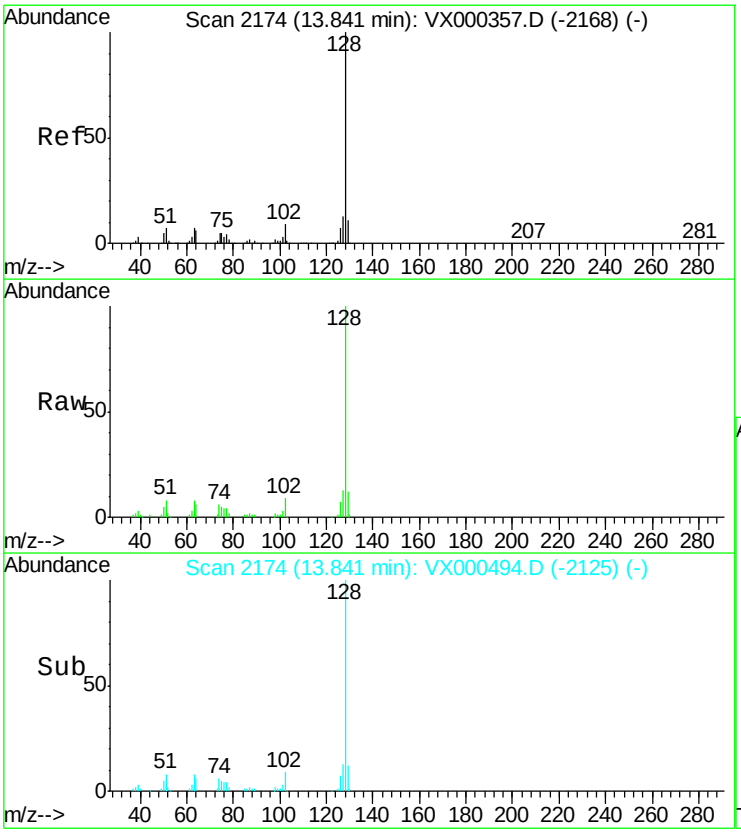
#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:105 Resp: 1054

Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.4	67.3





#95
Naphthalene
Concen: 6.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion:128 Resp: 45718

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.5	8.9	13.3