Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000496.D
Acq On : 28 Mar 2018 18:25
Operator : JC/MD
Sample : J1756-12 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OR-01-032718-A

Quant Time: Mar 29 04:12:04 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	95295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	71648	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.20%			
35) Dibromofluoromethane	5.51	113	56279	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.40%			
50) Toluene-d8	8.73	98	219326	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.30%			
62) 4-Bromofluorobenzene	11.15	95	73186	39.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.70%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	173	Below Cal	#	44
8) Diethyl Ether	2.19	74	302	0.40	ug/l #	18
11) Tert butyl alcohol	3.08	59	452	1.06	ug/l	99
13) Acrolein	2.30	56	55	14.96	ug/l #	13
14) Allyl chloride	2.72	41	145	Below Cal	#	23
16) Acetone	2.45	43	7890	7.62	ug/l	98
18) Methyl Acetate	2.79	43	667	0.31	ug/l #	73
20) Methylene Chloride	2.87	84	14807	12.39	ug/l	95
25) 2-Butanone	4.72	43	1289	1.11	ug/l #	88
29) Tetrahydrofuran	5.19	42	326	0.46	ug/l #	55
30) Chloroform	5.24	83	417	0.22	ug/l #	17
31) Cyclohexane	5.67	56	2552	1.63	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	7351	4.54	ug/l #	50
38) Carbon Tetrachloride	5.67	117	9678	5.70	ug/l #	16
43) Isopropyl Acetate	6.48	43	1342	0.41	ug/l #	70
51) 4-Methyl-2-Pentanone	8.66	43	596	0.23	ug/l #	84
52) Toluene	8.79	92	2818	0.86	ug/l	95
74) N-amyl acetate	6.48	43	1342	Below Cal	#	72
76) 1,2,3-Trichloropropane	11.15	75	43041	22.64	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	43041	73.31	ug/l #	9
90) Hexachloroethane	12.76	117	192	0.22	ug/l #	12
95) Naphthalene	13.84	128	158410	21.92	ug/l	99

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
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Sample : J1756-12 5X
Misc : 5.0mL/MSVOA_X/WATER
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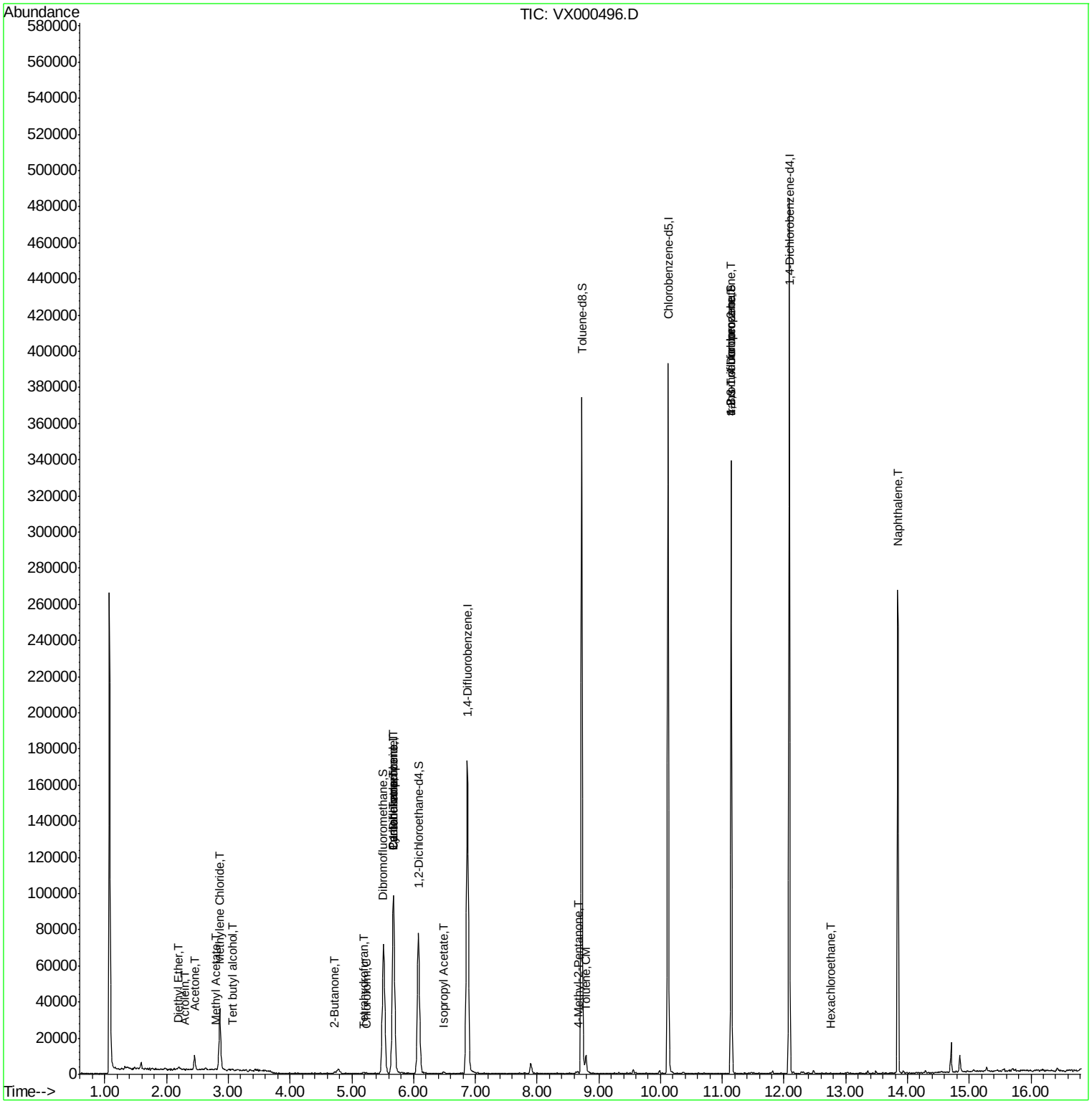
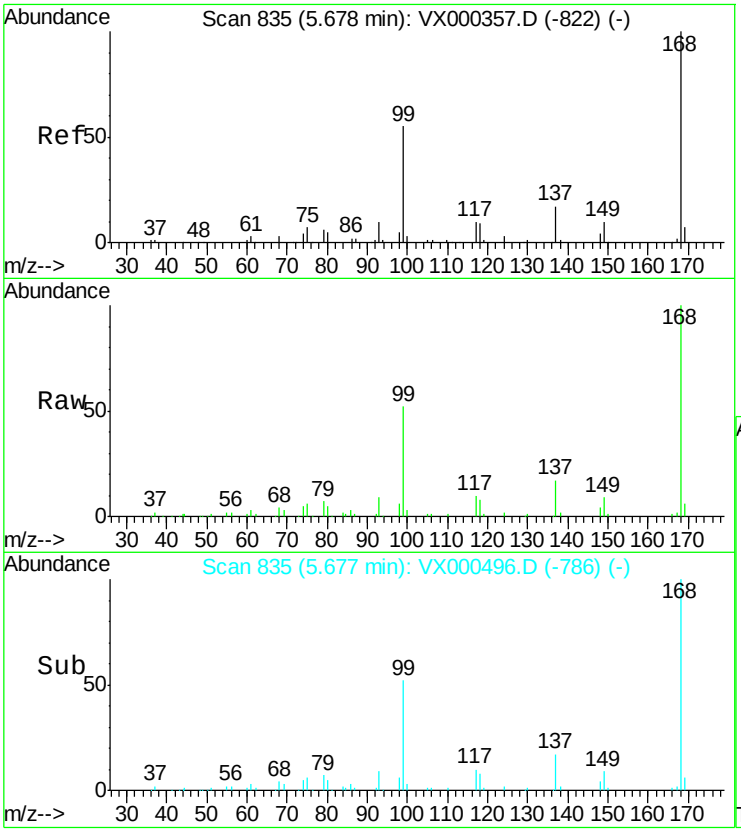
Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Quant Time: Mar 29 04:12:04 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



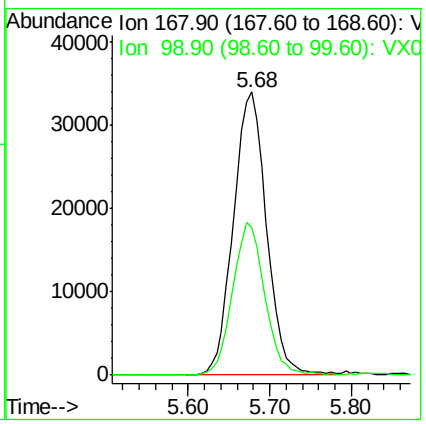


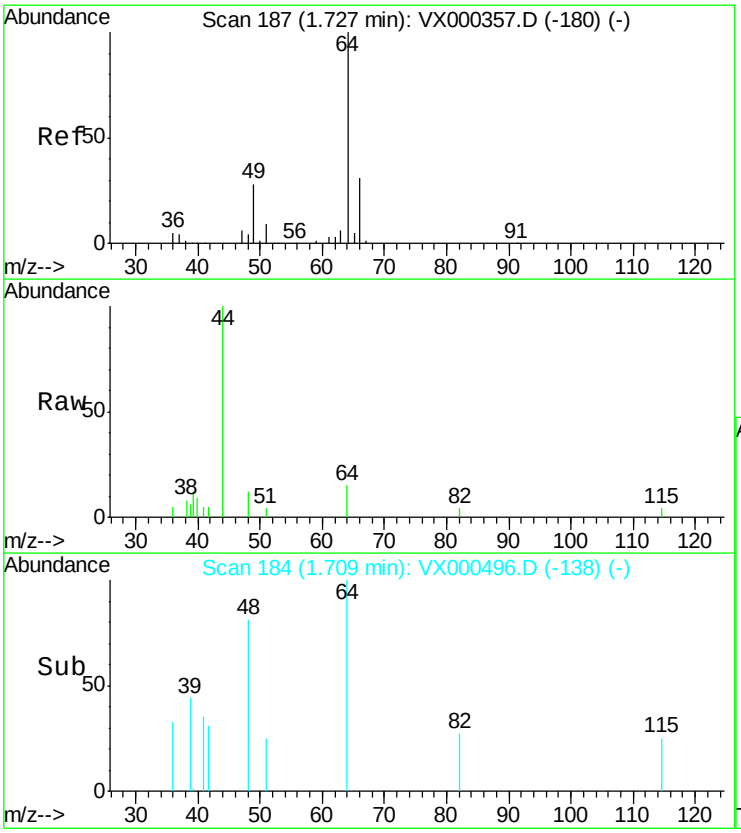
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion:168 Resp: 95295

Ion	Ratio	Lower	Upper
168	100		
99	52.1	45.8	68.6

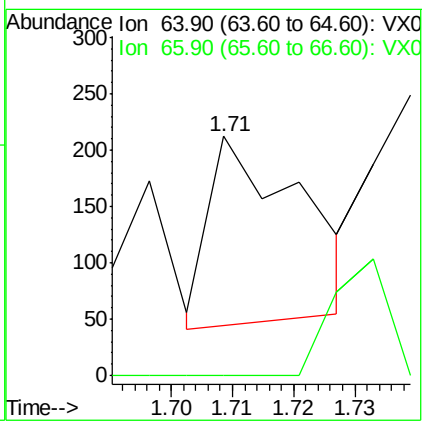


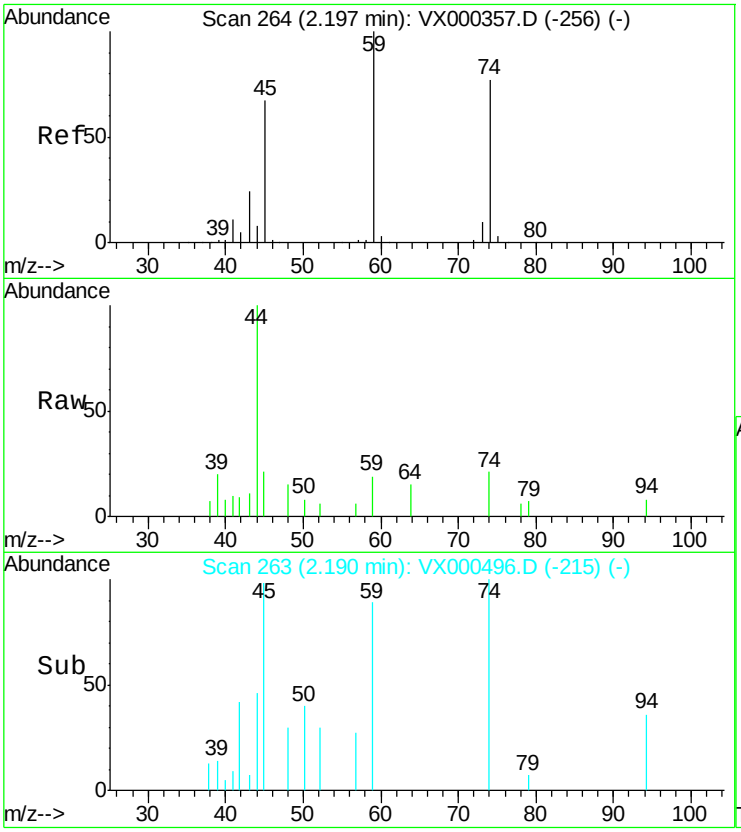


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 64 Resp: 173

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



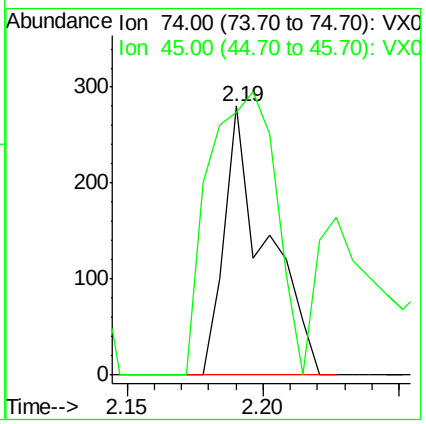


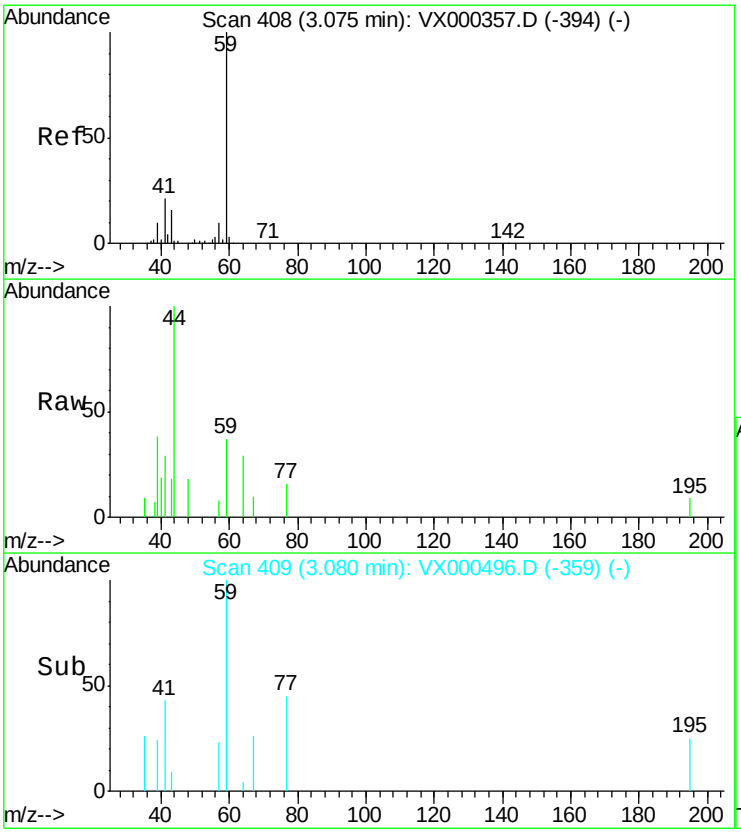
#8
Diethyl Ether
Concen: 0.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 74 Resp: 302

Ion	Ratio	Lower	Upper
74	100		
45	167.9	45.1	135.3#

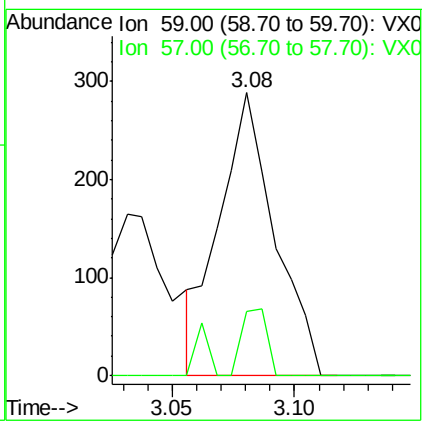


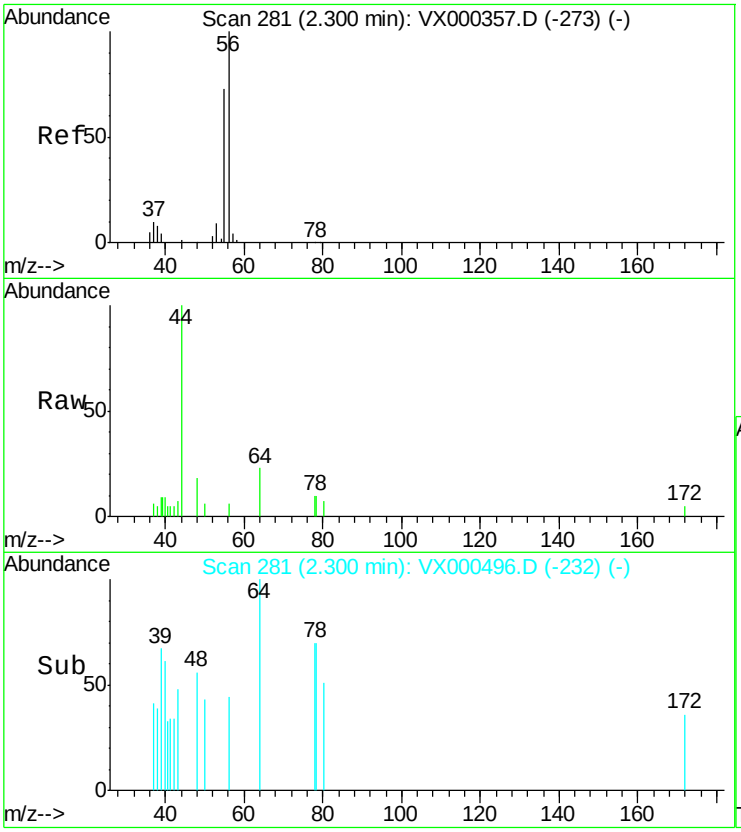


#11
Tert butyl alcohol
Concen: 1.06 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 59 Resp: 452

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6



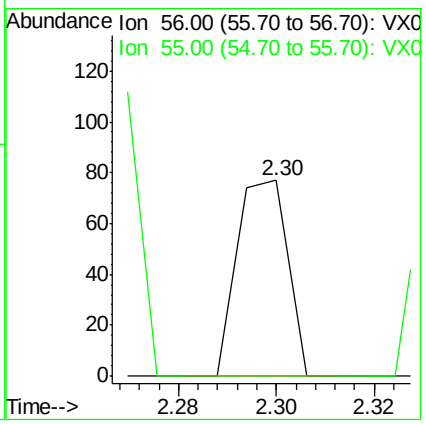


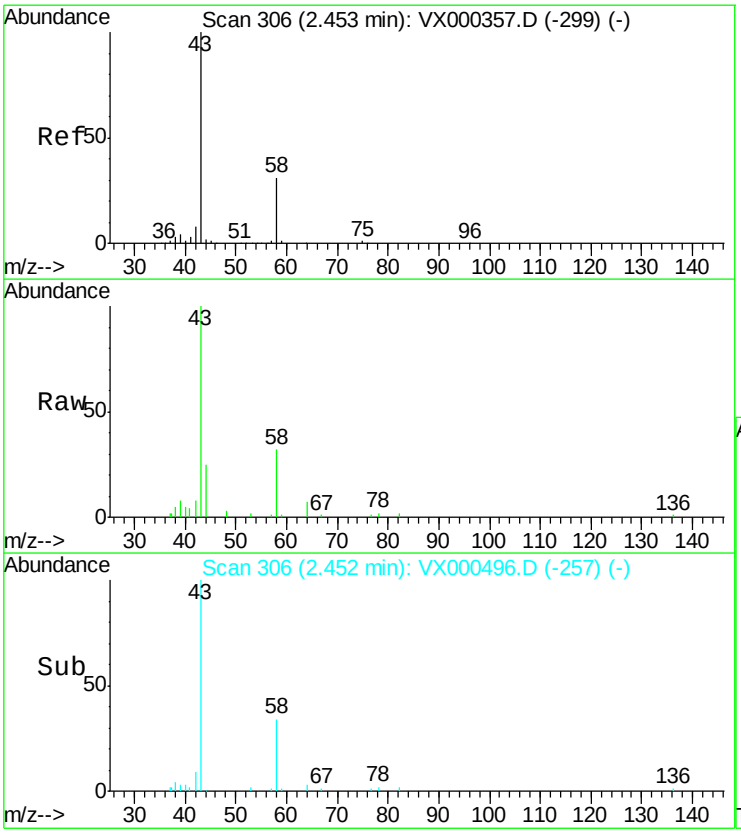
#13
Acrolein
Concen: 14.96 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 56 Resp: 55

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#

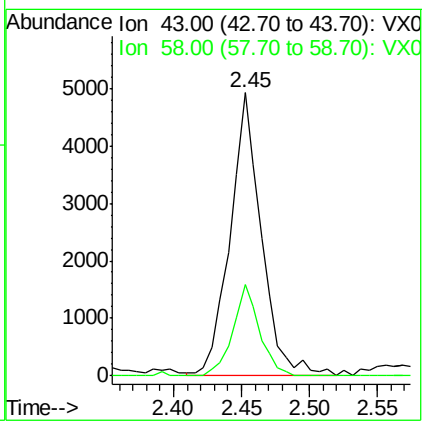


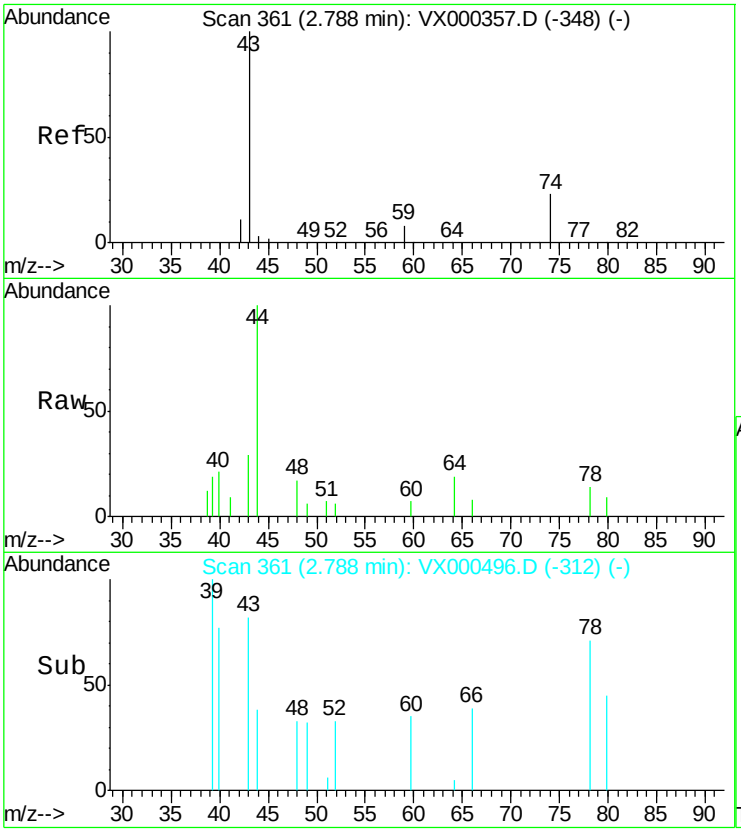


#16
Acetone
Concen: 7.62 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 43 Resp: 7890

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.7	37.1



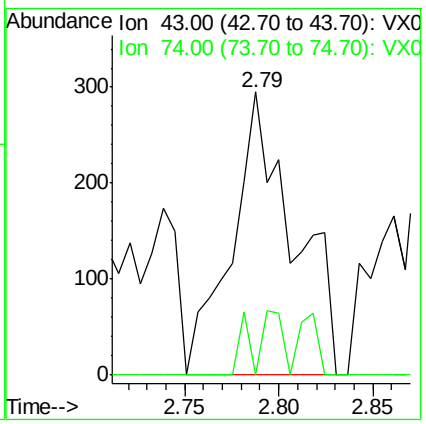


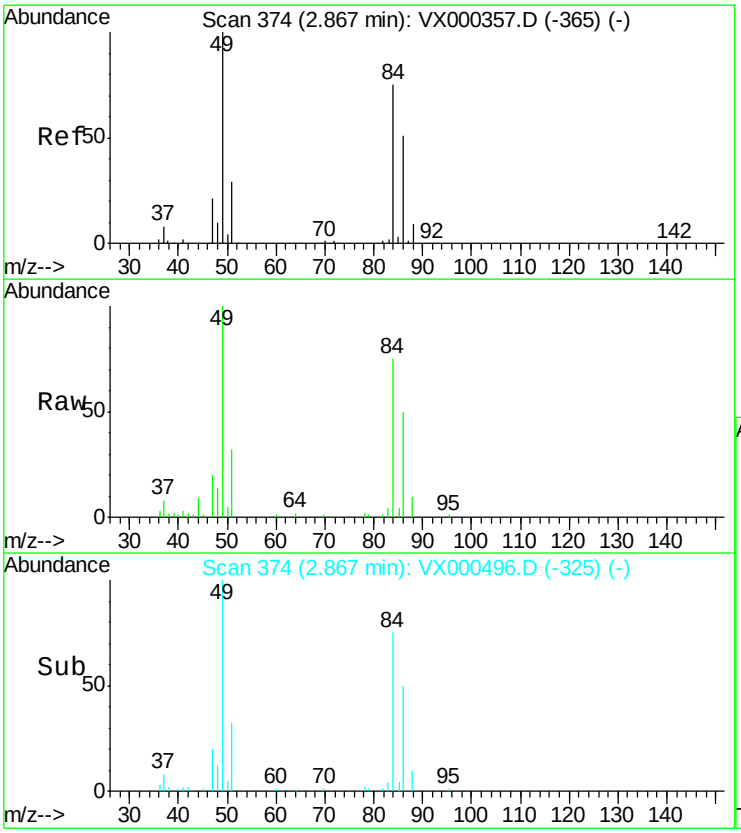
#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument : MSVOA_X
ClientSampleId : OR-01-032718-A

Tgt Ion: 43 Resp: 667

Ion	Ratio	Lower	Upper
43	100		
74	10.8	19.4	29.2#

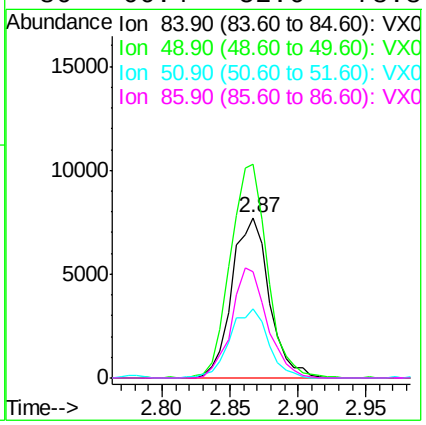


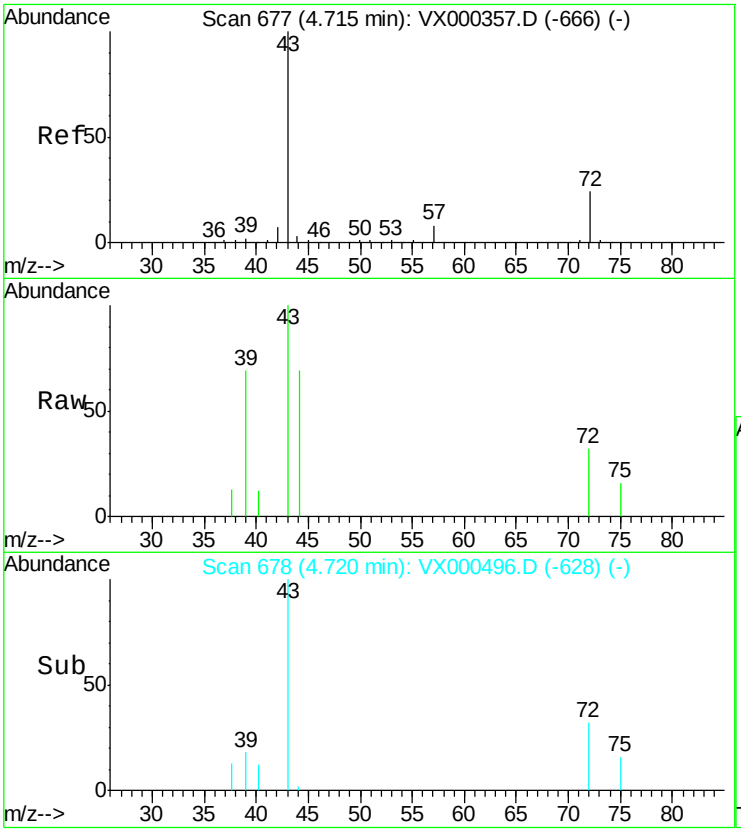


#20
Methylene Chloride
Concen: 12.39 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 84 Resp: 14807

Ion	Ratio	Lower	Upper
84	100		
49	133.2	100.6	151.0
51	42.8	31.6	47.4
86	66.4	52.6	78.8



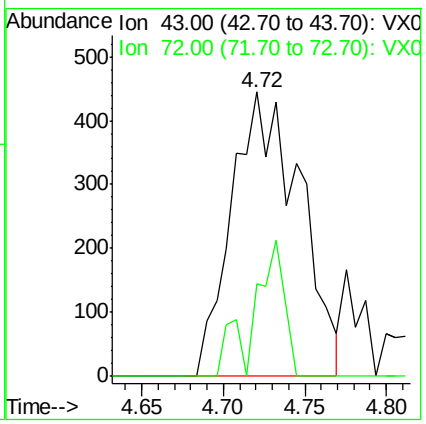


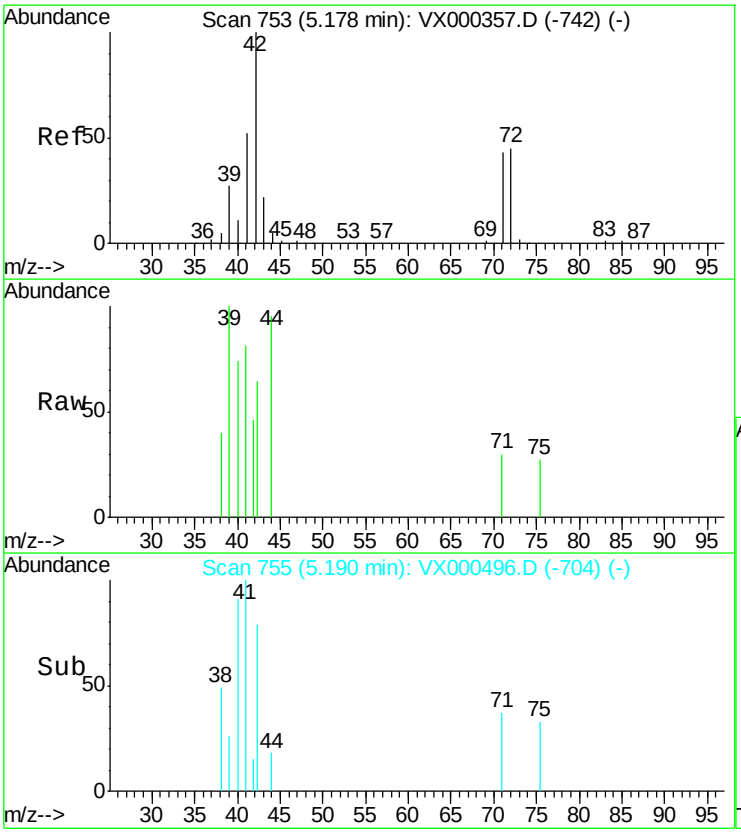
#25
2-Butanone
Concen: 1.11 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument : MSVOA_X
ClientSampleId : OR-01-032718-A

Tgt Ion: 43 Resp: 1289

Ion	Ratio	Lower	Upper
43	100		
72	32.4	21.0	31.6#

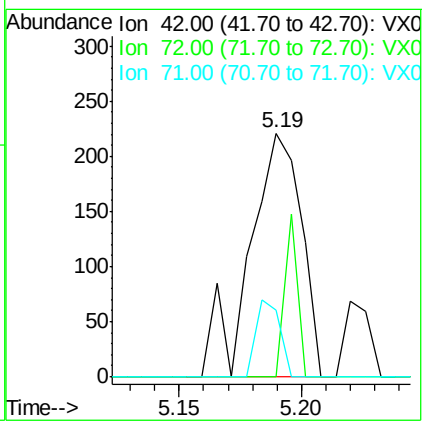


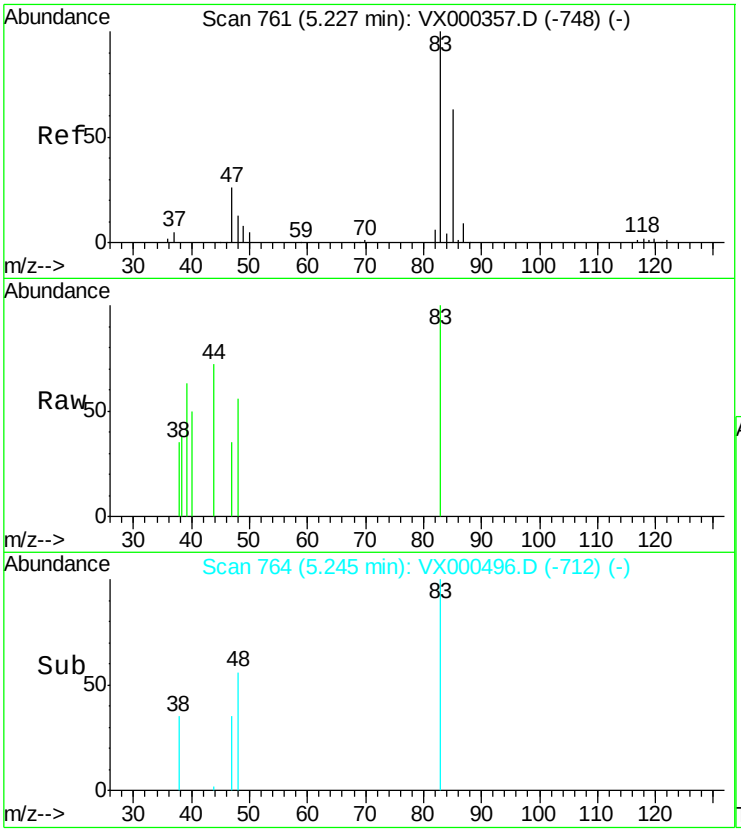


#29
Tetrahydrofuran
Concen: 0.46 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 42 Resp: 326

Ion	Ratio	Lower	Upper
42	100		
72	16.6	37.9	56.9#
71	14.7	34.4	51.6#



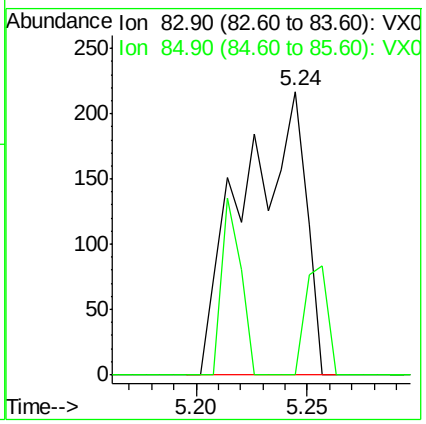


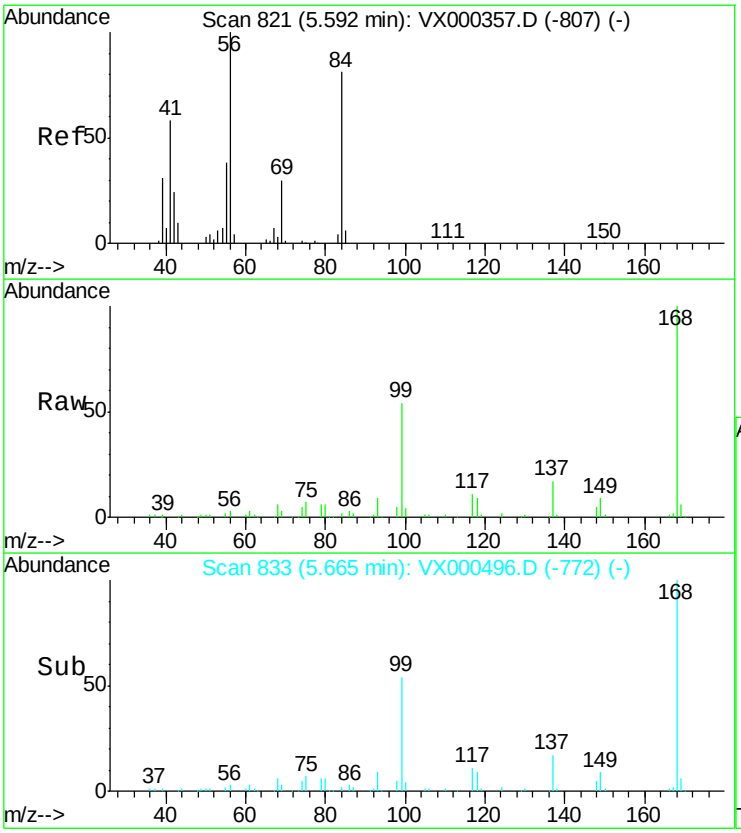
#30
Chloroform
Concen: 0.22 ug/l
RT: 5.24 min Scan# 764
Delta R.T. 0.02 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 83 Resp: 417

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.3	79.9#

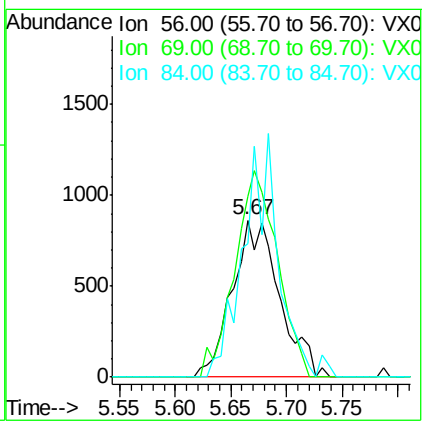


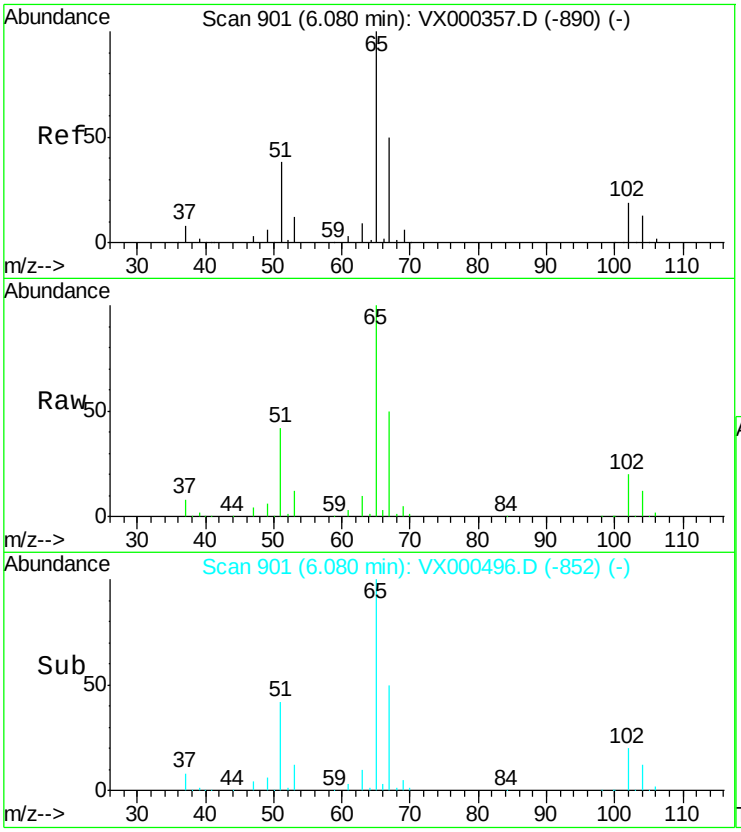


#31
Cyclohexane
Concen: 1.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 56 Resp: 2552

Ion	Ratio	Lower	Upper
56	100		
69	115.1	23.4	35.0#
84	85.3	71.0	106.4



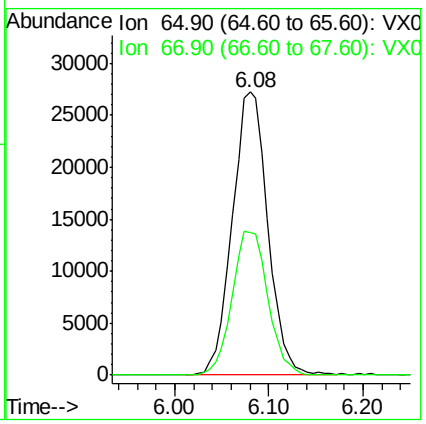


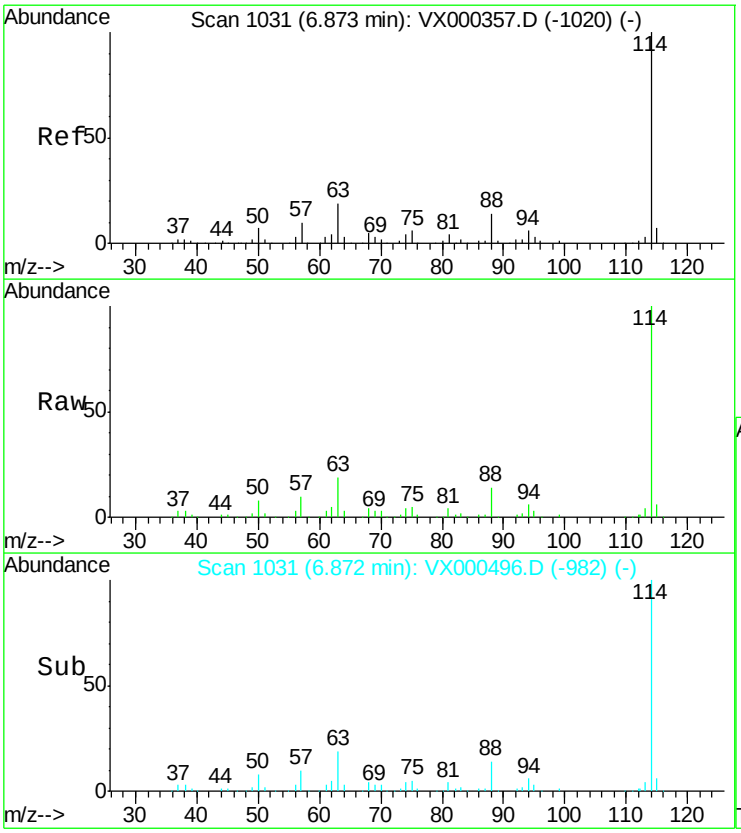
#33
1,2-Dichloroethane-d4
Concen: 57.60 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 65 Resp: 71648

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.2

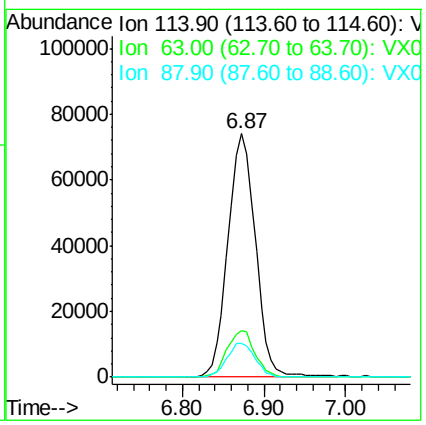


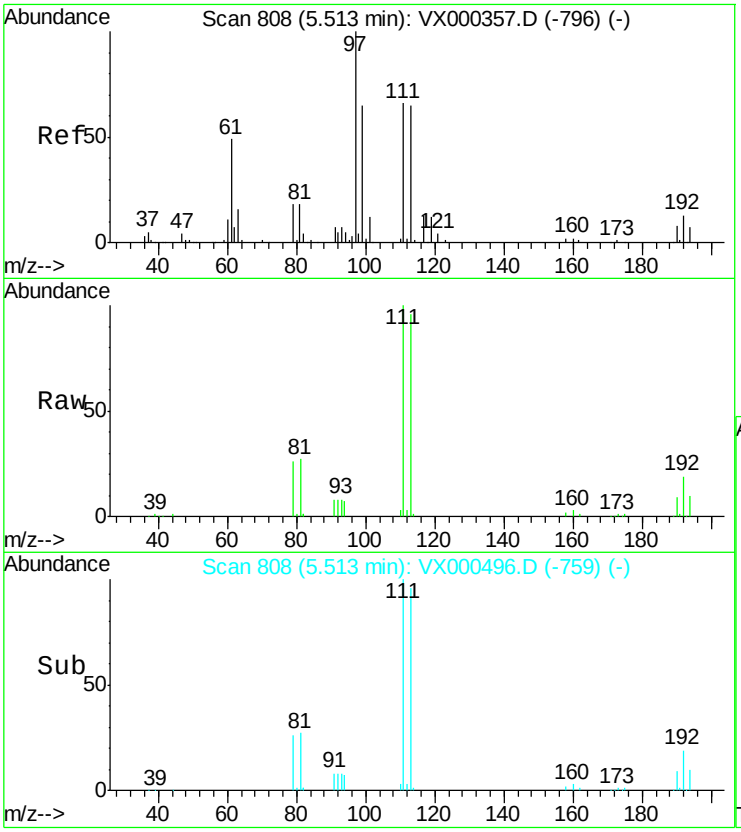


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion:114 Resp: 172750

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	13.9	0.0	27.0



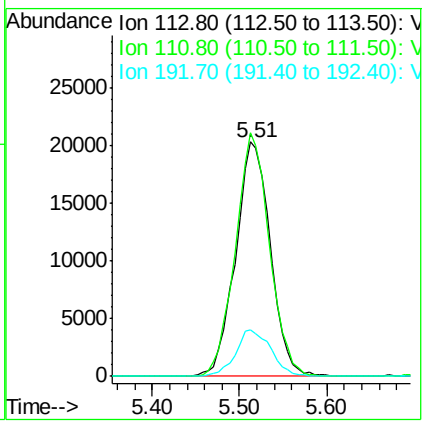


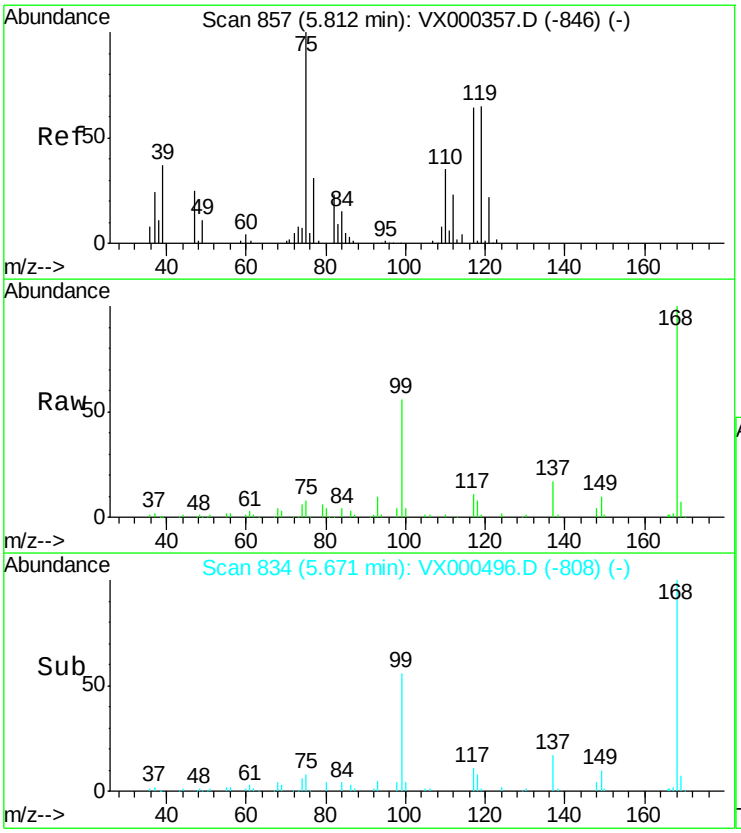
#35
Dibromofluoromethane
Concen: 51.70 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion:113 Resp: 56279

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	20.3	15.8	23.6

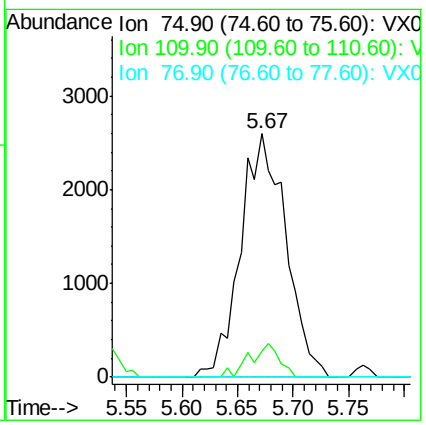


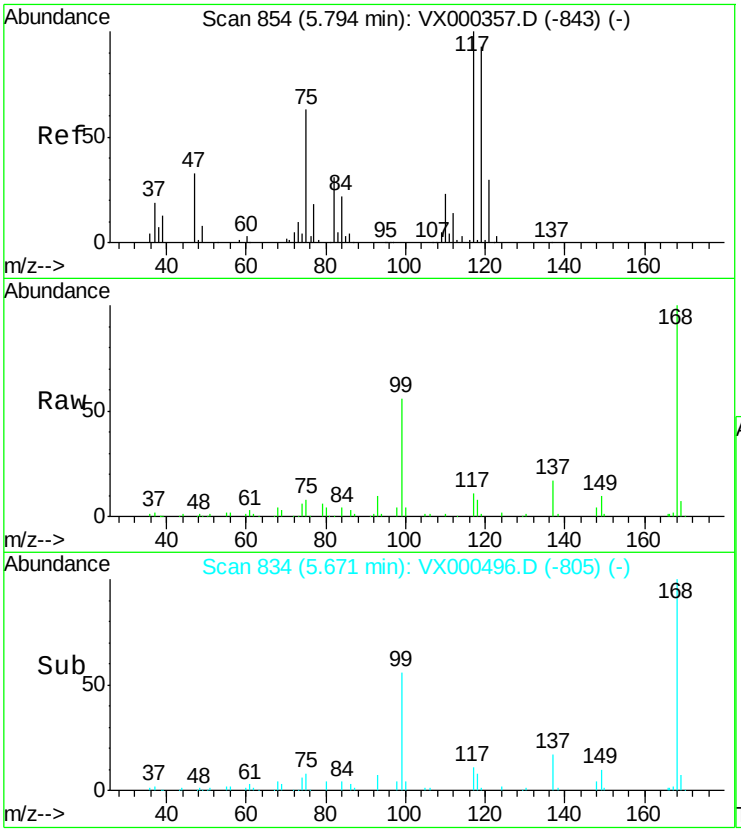


#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 75 Resp: 7351

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.9	53.7#
77	0.0	24.0	36.0#



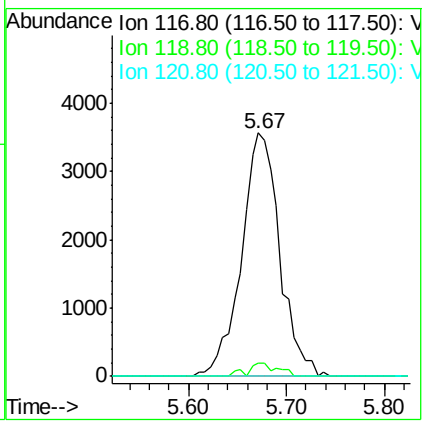


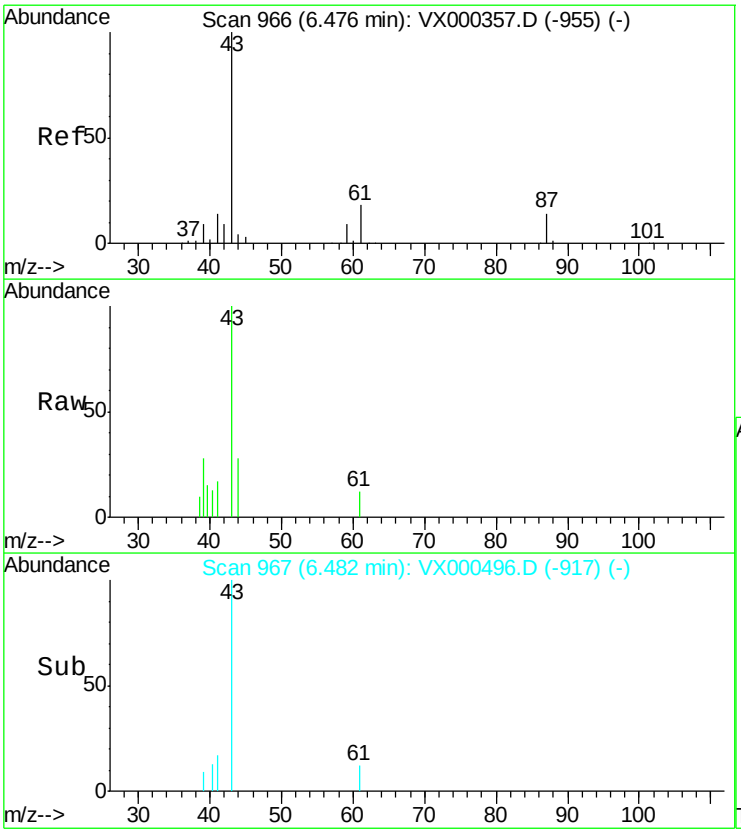
#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument : MSVOA_X
ClientSampleId : OR-01-032718-A

Tgt Ion:117 Resp: 9678

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.2#
121	0.0	24.8	37.2#

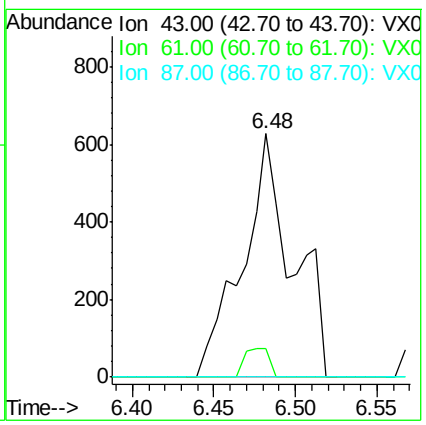


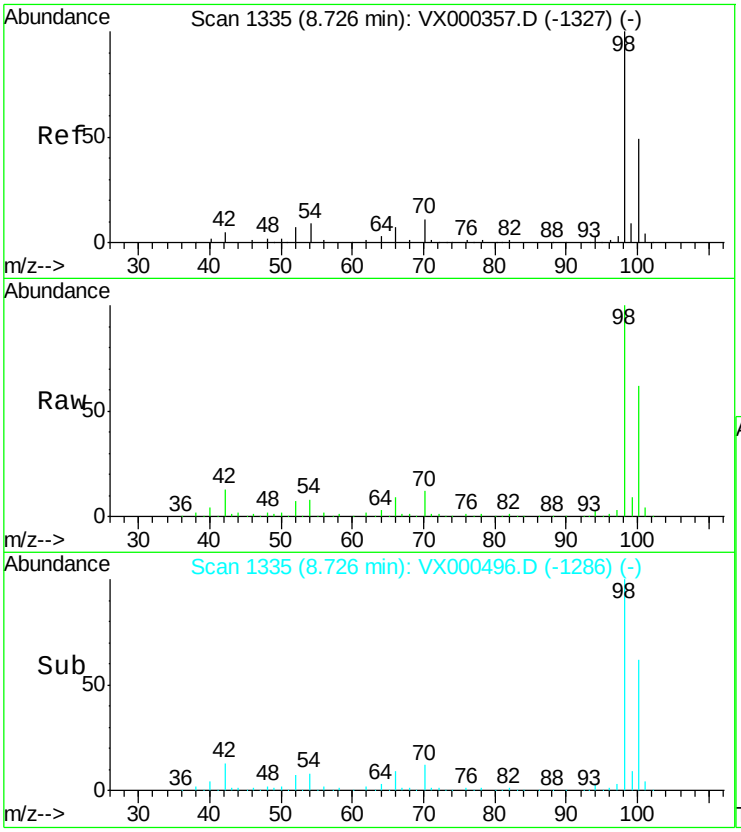


#43
Isopropyl Acetate
Concen: 0.41 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 43 Resp: 1342

Ion	Ratio	Lower	Upper
43	100		
61	5.8	14.4	21.6#
87	0.0	11.0	16.4#



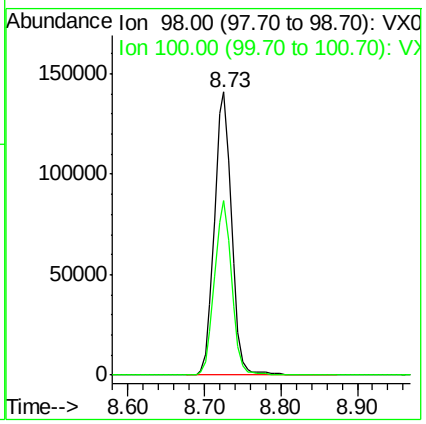


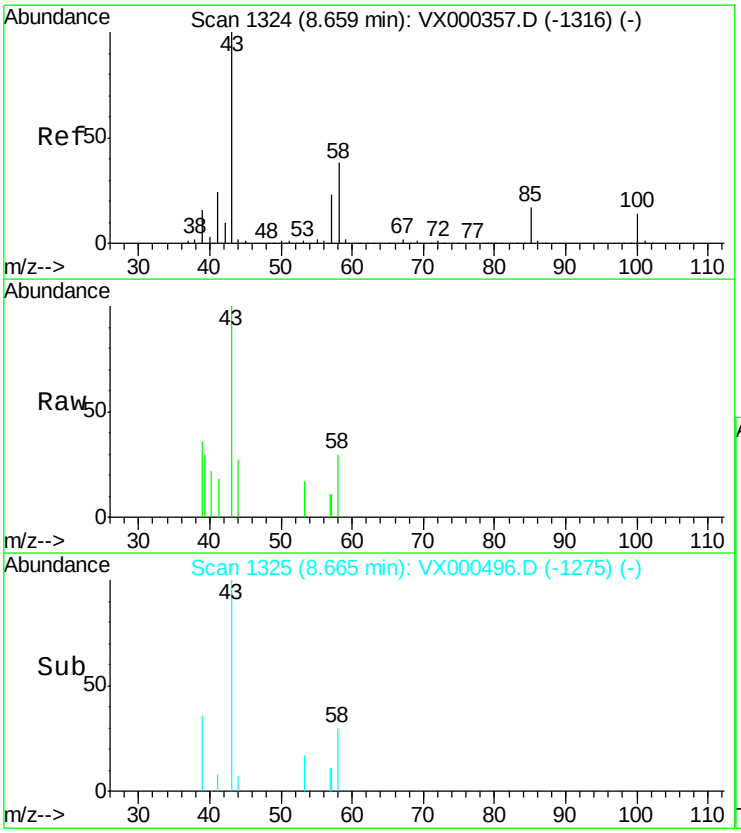
#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 98 Resp: 219326

Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.2	76.8

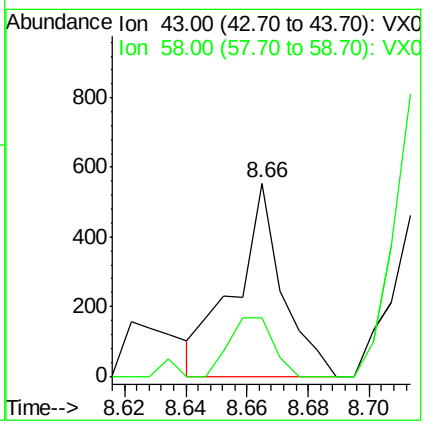


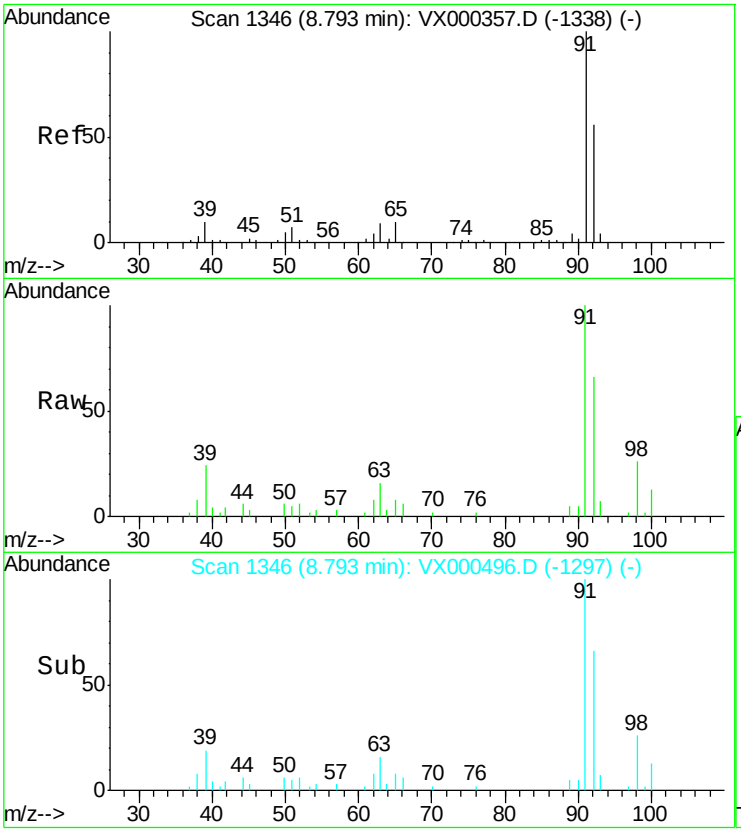


#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 43 Resp: 596

Ion	Ratio	Lower	Upper
43	100		
58	28.4	30.3	45.5#



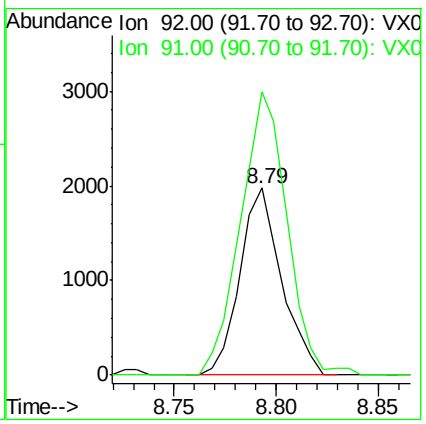


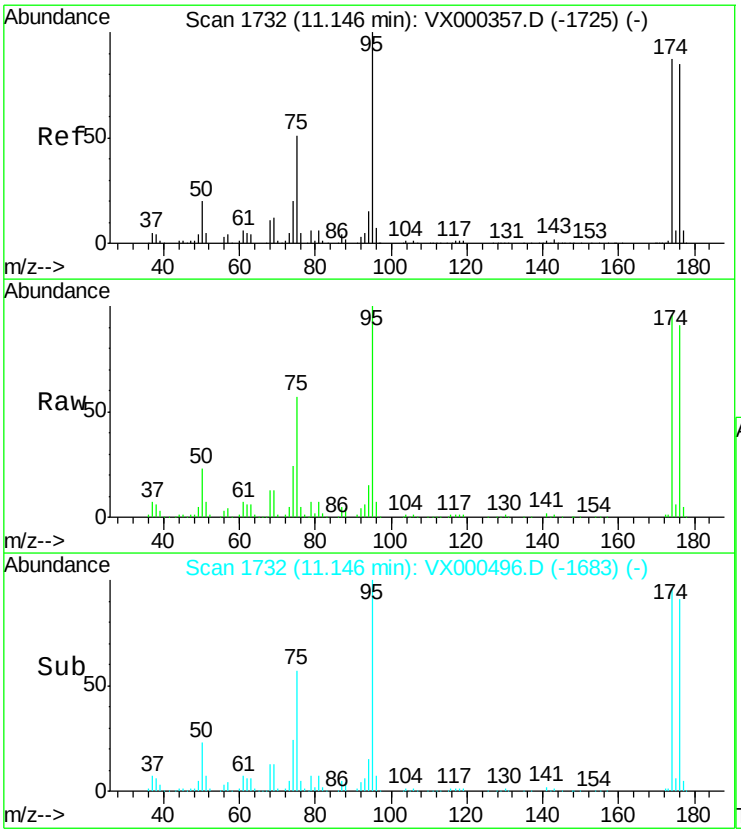
#52
Toluene
Concen: 0.86 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 92 Resp: 2818

Ion	Ratio	Lower	Upper
92	100		
91	168.8	140.2	210.2

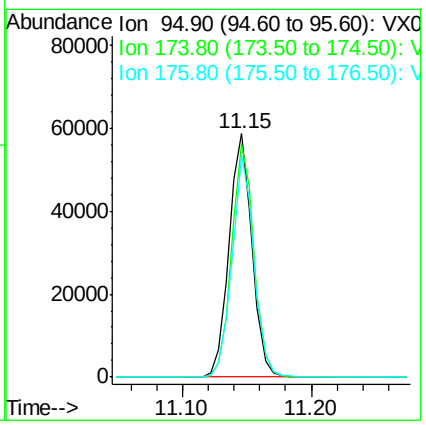


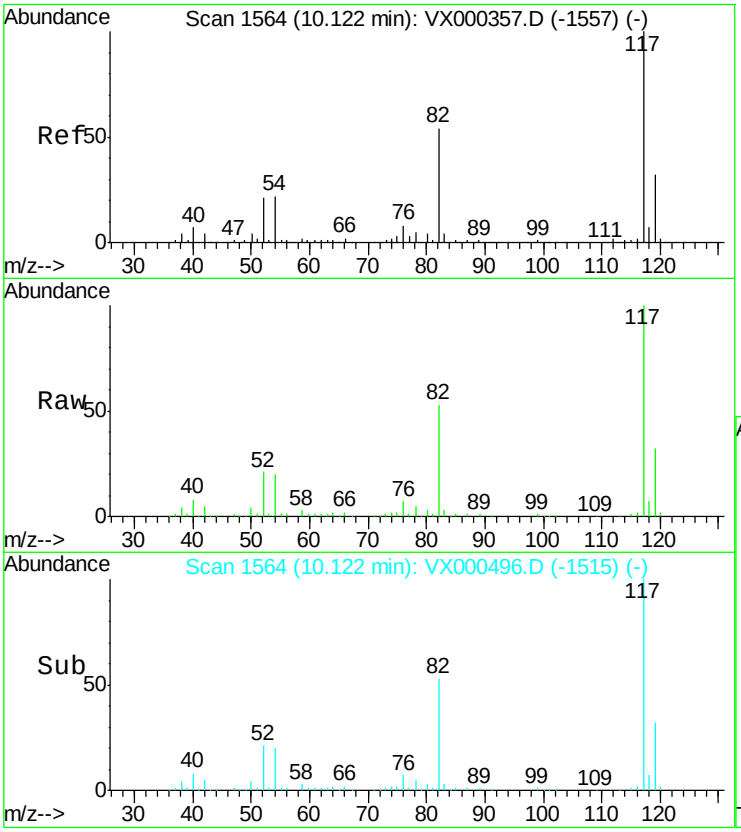


#62
4-Bromofluorobenzene
Concen: 39.85 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 95 Resp: 73186

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	173.6
176	87.3	0.0	164.6



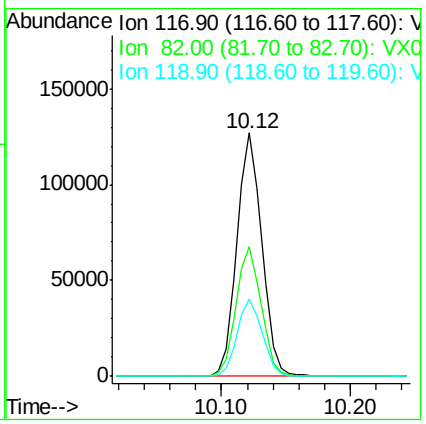


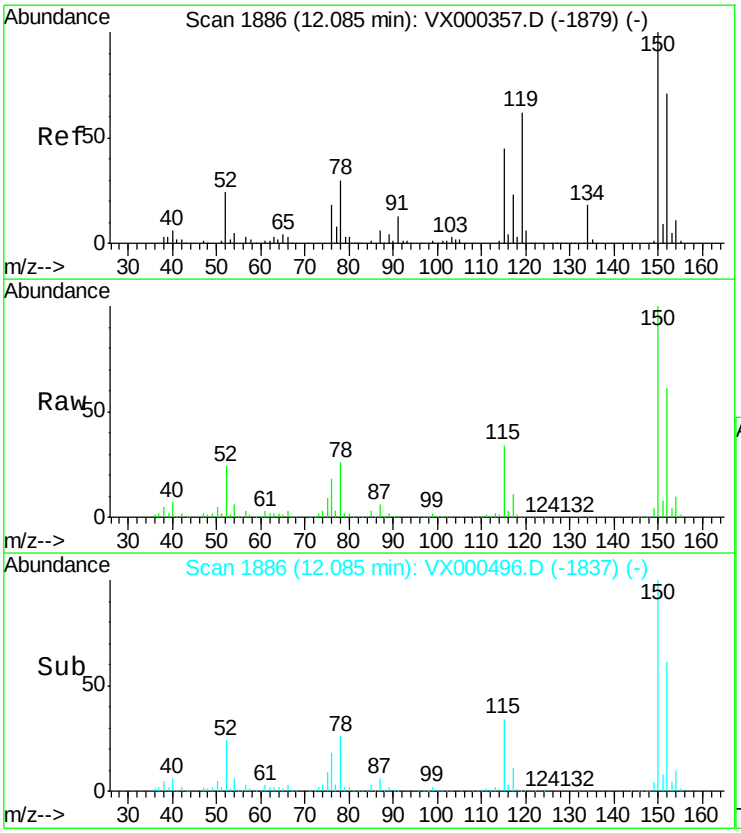
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion:117 Resp: 170464

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.8	65.8
119	31.7	24.9	37.3

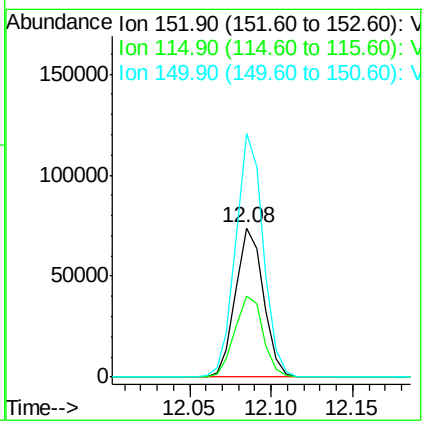


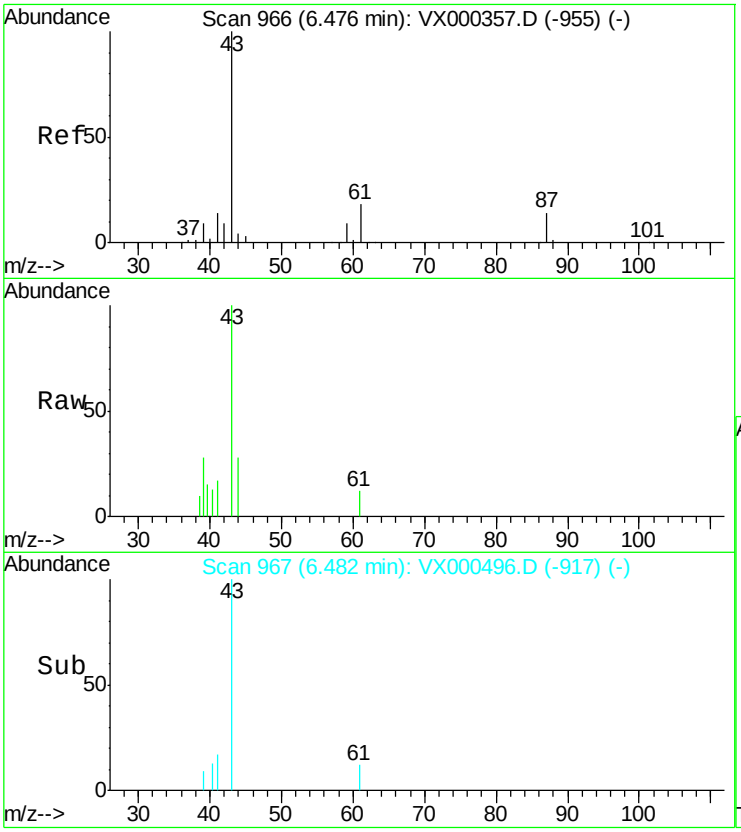


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion:152 Resp: 88445

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.8	119.3
150	160.6	0.0	344.4



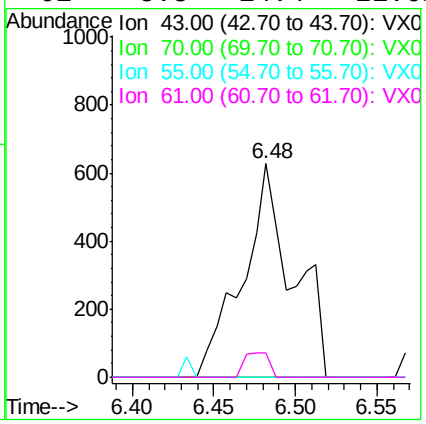


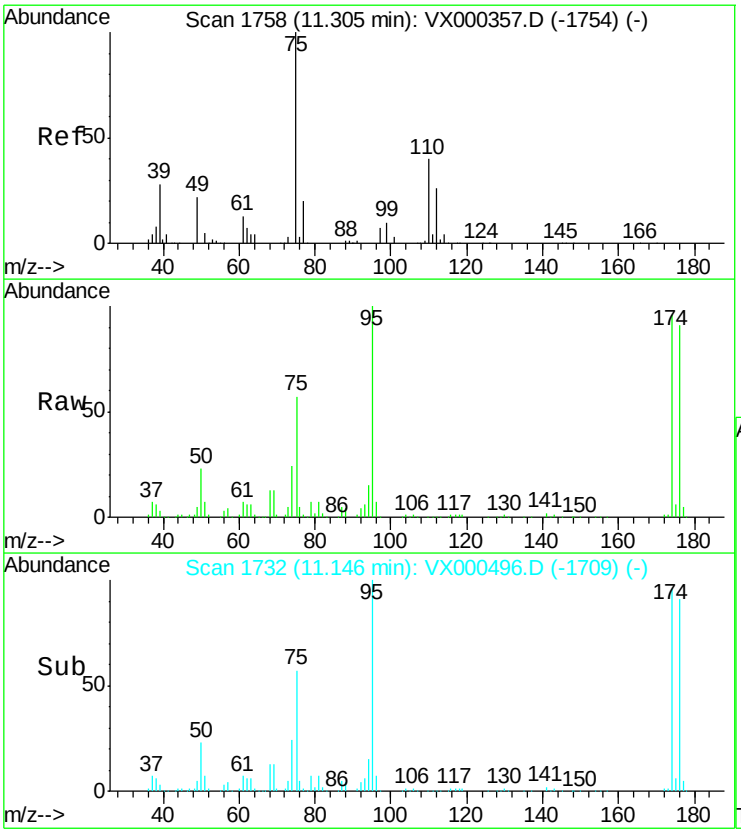
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument : MSVOA_X
ClientSampleId : OR-01-032718-A

Tgt Ion: 43 Resp: 1342

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	5.8	14.4	21.6#

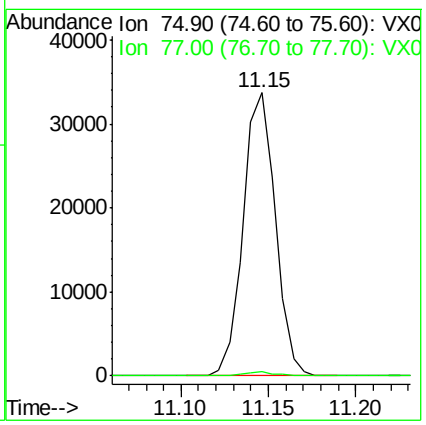


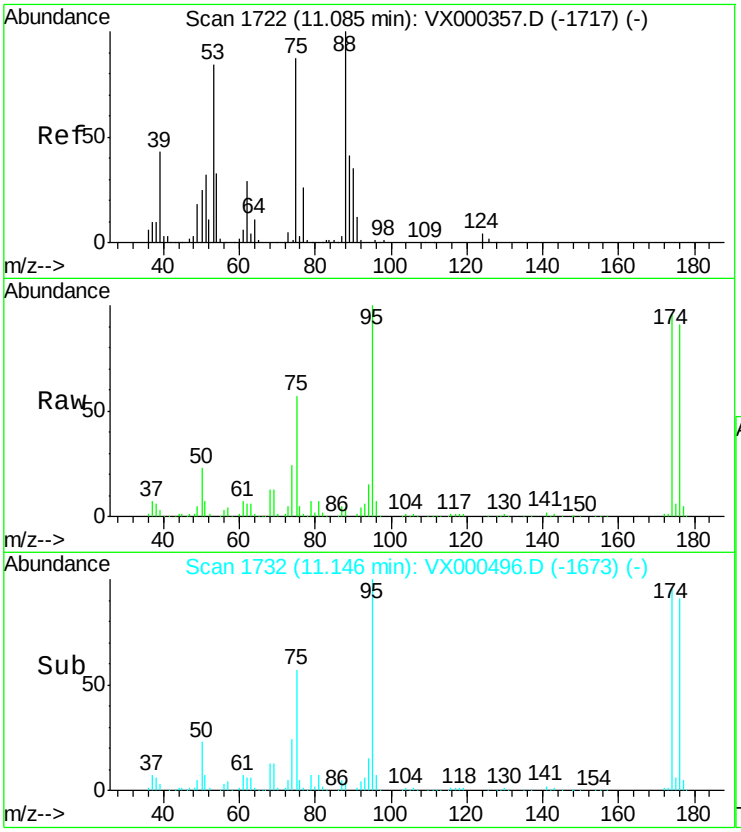


#76
1,2,3-Trichloropropane
Concen: 22.64 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion: 75 Resp: 43041

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.2#



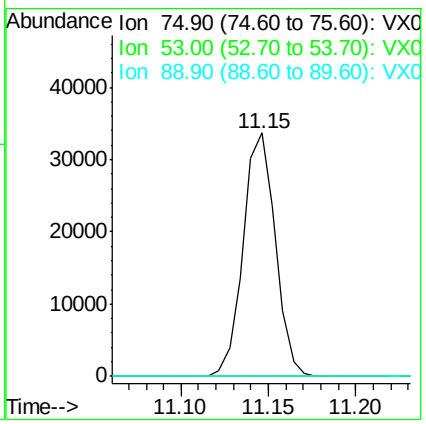


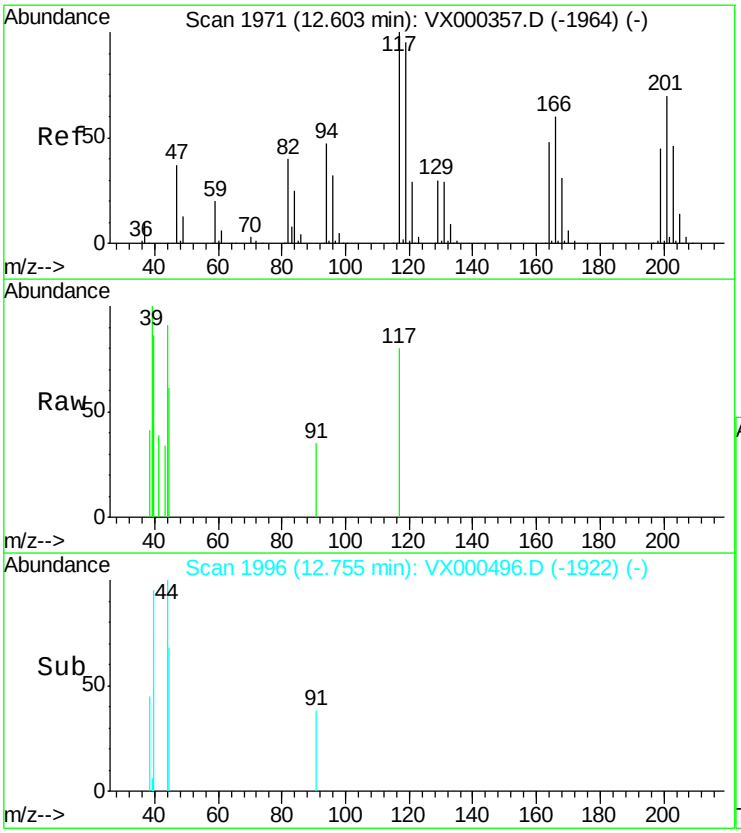
#81
trans-1,4-Dichloro-2-butene
Concen: 73.31 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion: 75 Resp: 43041

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

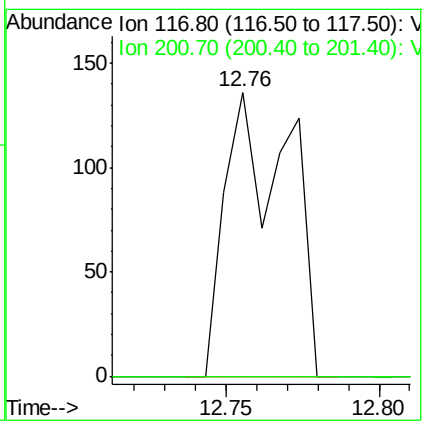


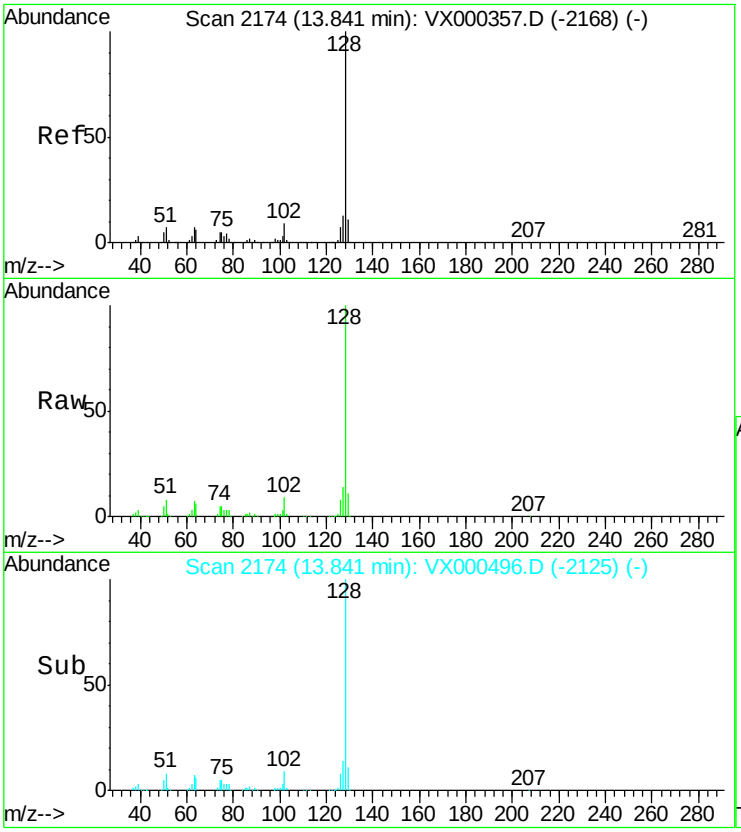


#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 12.76 min Scan# 1996
Delta R.T. 0.15 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Tgt Ion:117 Resp: 192

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 21.92 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000496.D
Acq: 28 Mar 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
OR-01-032718-A

Tgt Ion:128 Resp: 158410

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3