Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000497.D
Acq On : 28 Mar 2018 18:50
Operator : JC/MD
Sample : J1756-14 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 29 04:12:20 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	94532	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	175085	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	172018	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87913	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	69897	56.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.28%				
35) Dibromofluoromethane	5.51	113	55895	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
50) Toluene-d8	8.73	98	220912	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
62) 4-Bromofluorobenzene	11.15	95	75140	40.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.58%				
Target Compounds							Qvalue
6) Chloroethane	1.73	64	120	Below Cal		#	44
8) Diethyl Ether	2.20	74	330	0.44	ug/l	#	36
10) Methyl Iodide	2.51	142	19	4.29	ug/l	#	37
13) Acrolein	2.30	56	24	14.74	ug/l	#	64
14) Allyl chloride	2.74	41	173	Below Cal		#	49
16) Acetone	2.45	43	8504	8.28	ug/l		99
20) Methylene Chloride	2.86	84	25123	21.19	ug/l		95
25) 2-Butanone	4.73	43	1095	0.95	ug/l		94
29) Tetrahydrofuran	5.18	42	393	0.55	ug/l	#	40
30) Chloroform	5.21	83	413	0.22	ug/l		91
31) Cyclohexane	5.67	56	2452	1.57	ug/l	#	58
36) 1,1-Dichloropropene	5.67	75	7592	4.63	ug/l	#	50
38) Carbon Tetrachloride	5.68	117	9511	5.53	ug/l	#	15
43) Isopropyl Acetate	6.49	43	1133	0.34	ug/l	#	66
51) 4-Methyl-2-Pentanone	8.66	43	622	0.24	ug/l	#	56
52) Toluene	8.79	92	1469	0.44	ug/l		91
74) N-amyl acetate	6.49	43	1133	Below Cal		#	66
76) 1,2,3-Trichloropropane	11.15	75	44205	23.40	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	44205	75.75	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	1194	0.23	ug/l		93
90) Hexachloroethane	12.77	117	300	0.35	ug/l	#	12
95) Naphthalene	13.84	128	25965	3.61	ug/l		100

(#) = 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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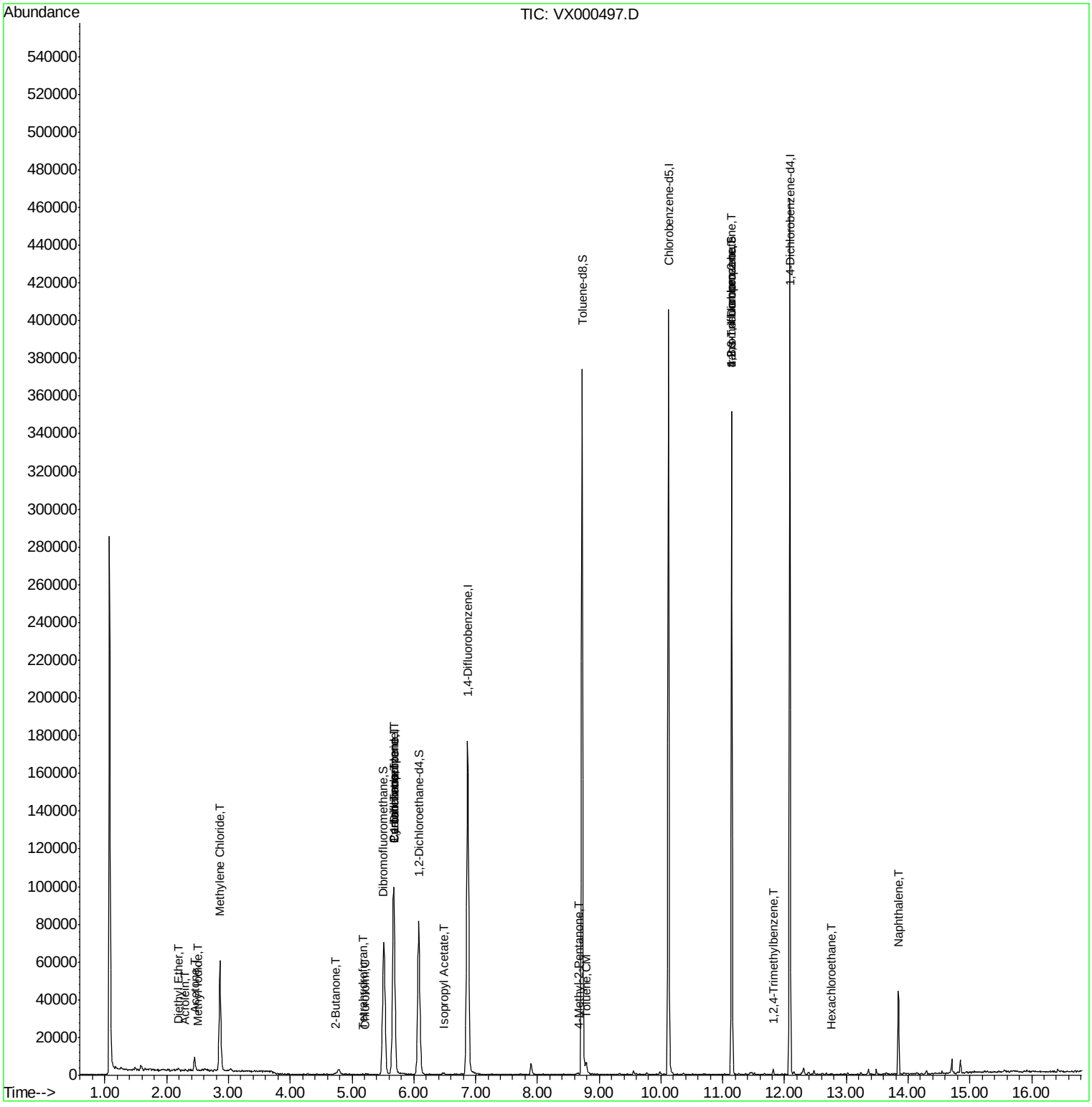
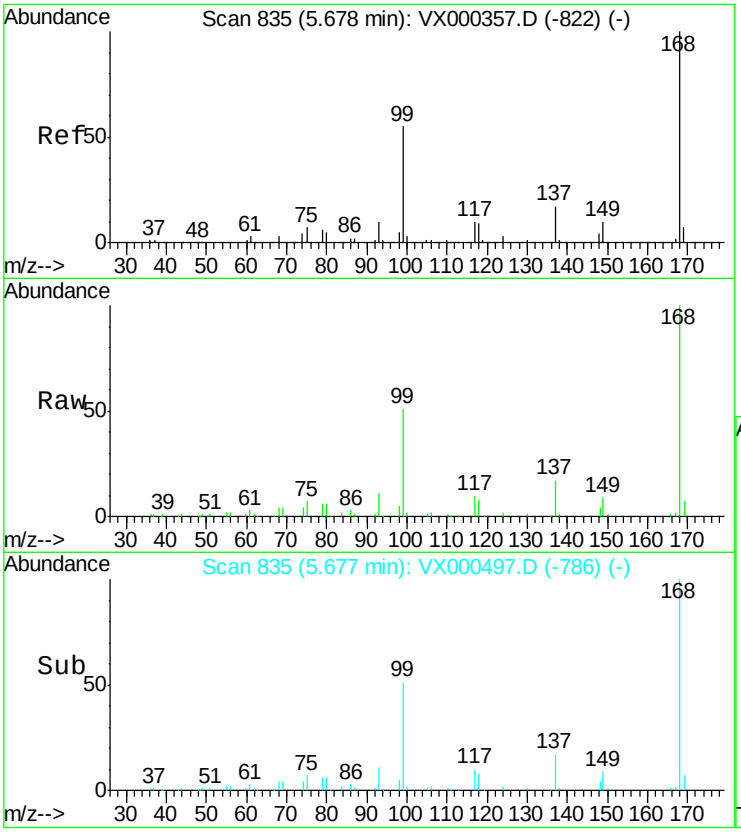
Acq On : 28 Mar 2018 18:50
Operator : JC/MD
Sample : J1756-14 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 29 04:12:20 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



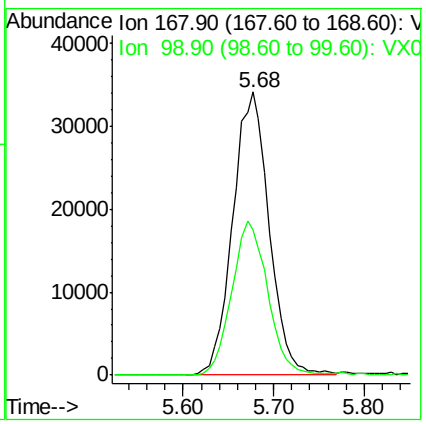


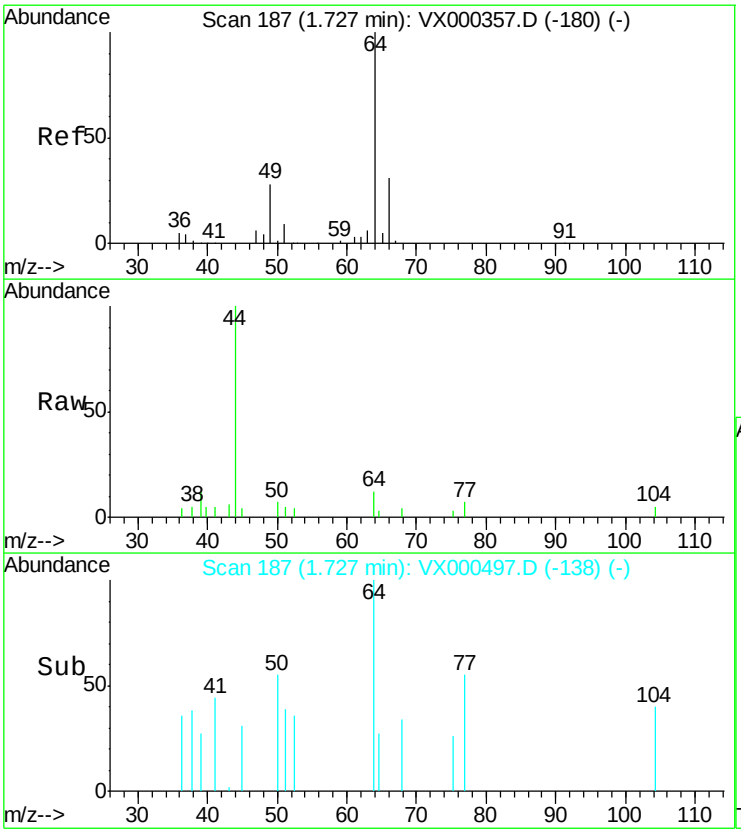
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion:168 Resp: 94532

Ion	Ratio	Lower	Upper
168	100		
99	51.1	45.8	68.6

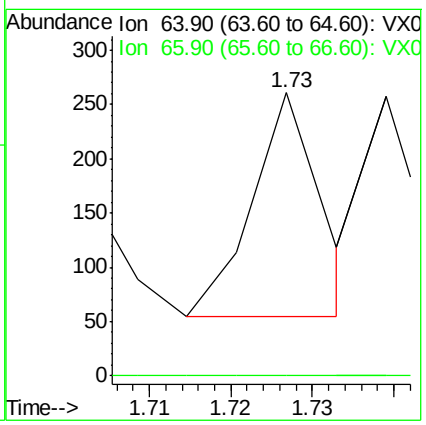


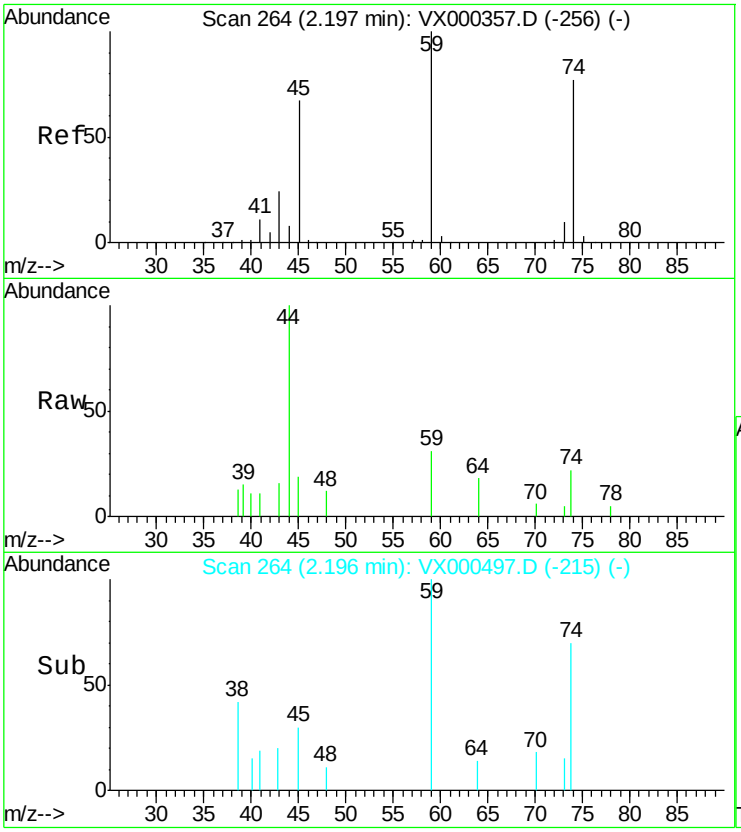


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 64 Resp: 120

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



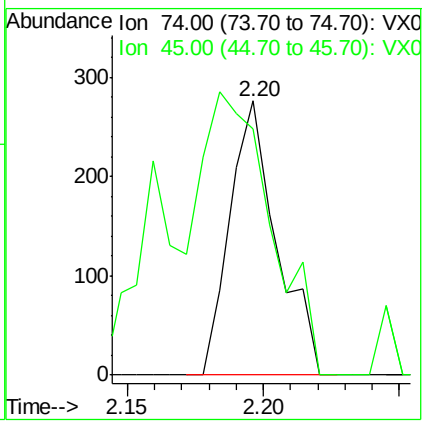


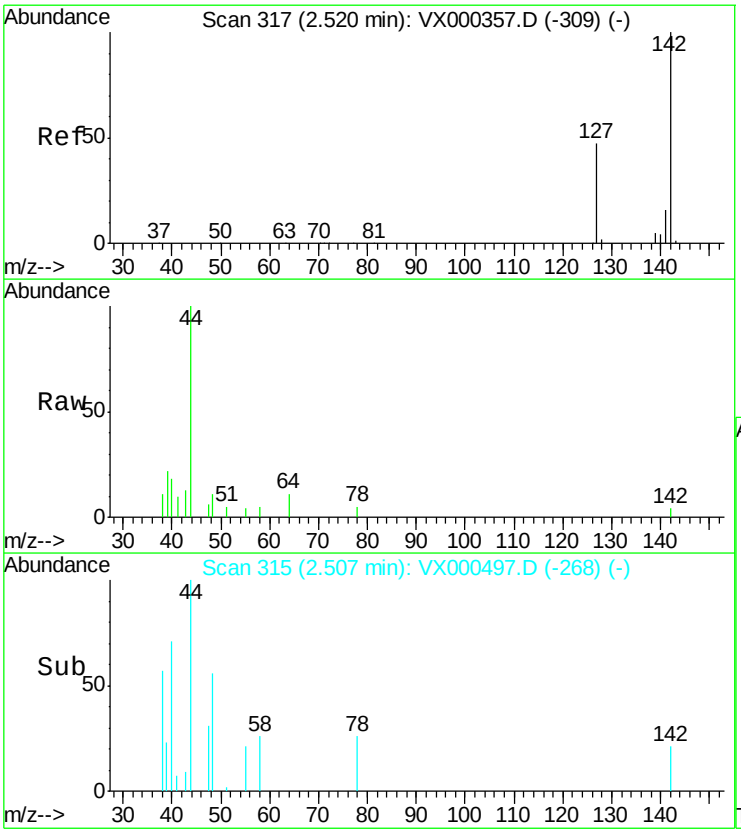
#8
Diethyl Ether
Concen: 0.44 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 74 Resp: 330

Ion	Ratio	Lower	Upper
74	100		
45	150.9	45.1	135.3#

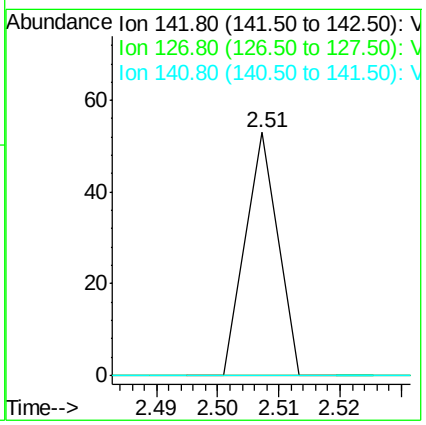


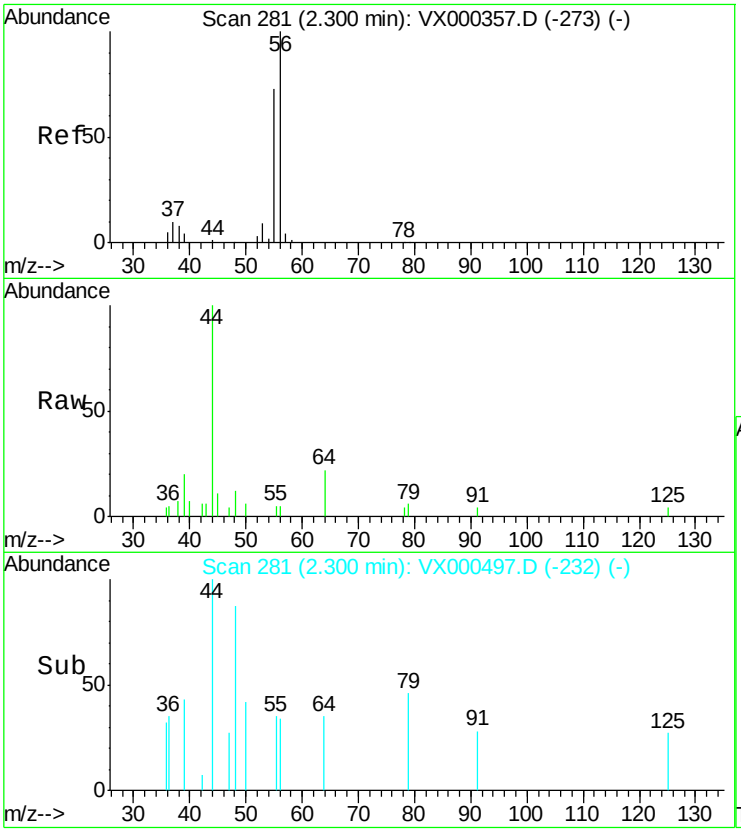


#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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#



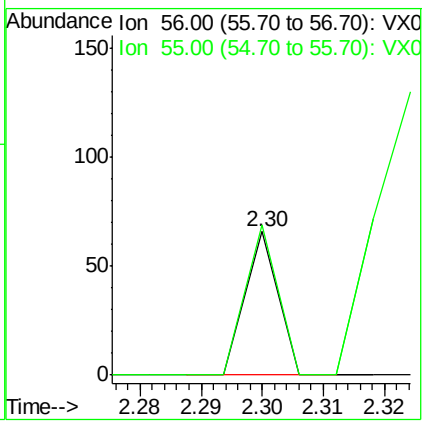


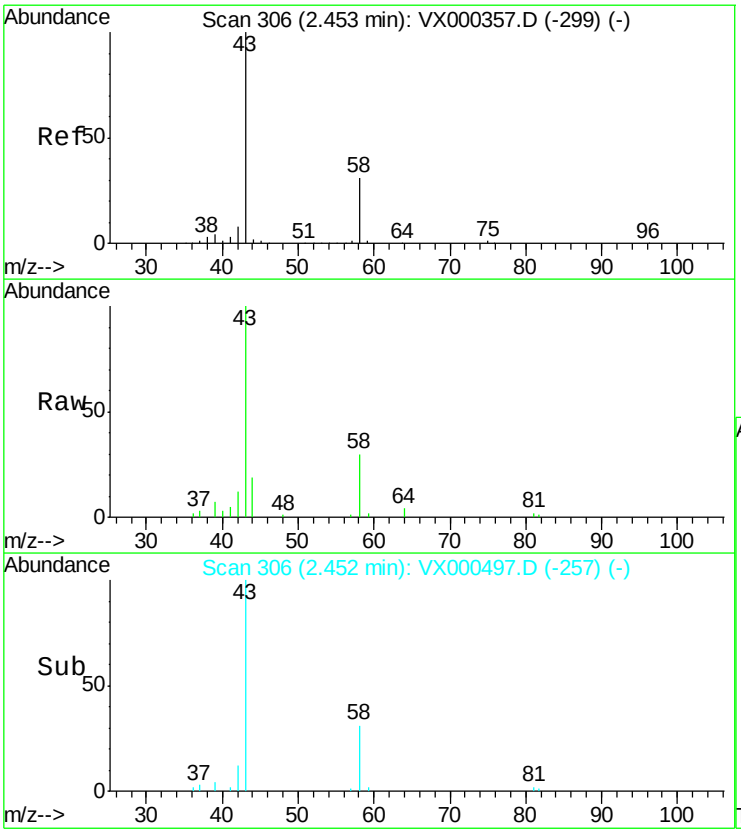
#13
Acrolein
Concen: 14.74 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 56 Resp: 24

Ion	Ratio	Lower	Upper
56	100		
55	104.2	58.8	88.2#

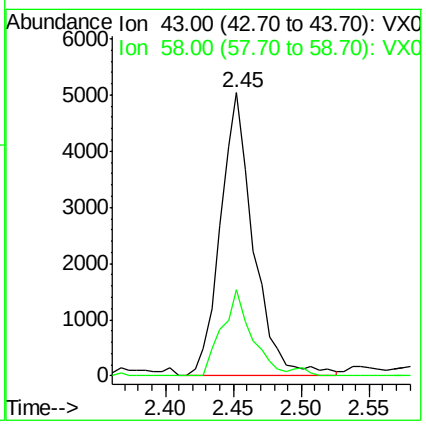


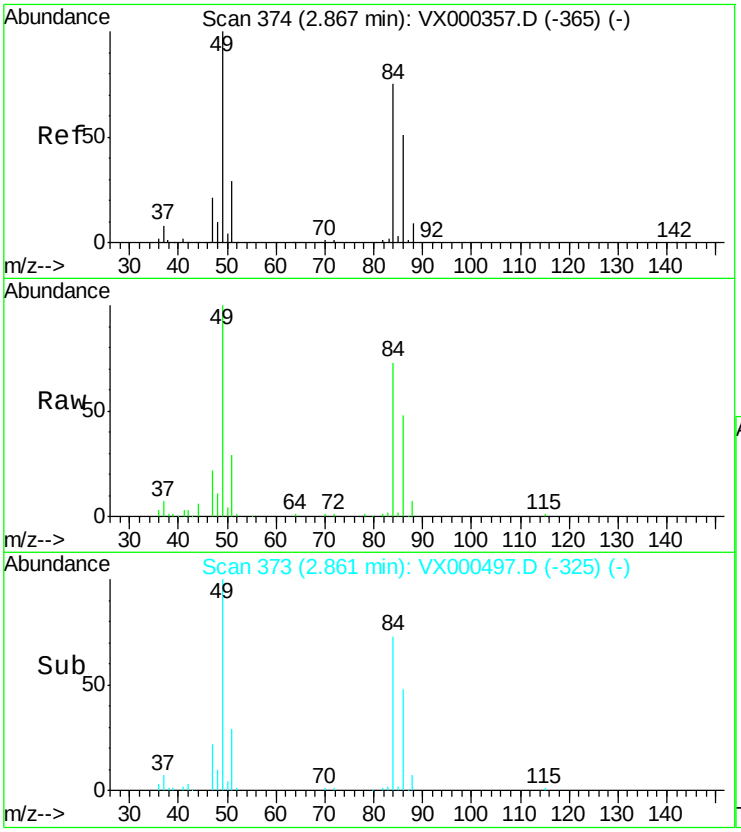


#16
Acetone
Concen: 8.28 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 43 Resp: 8504

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.7	37.1



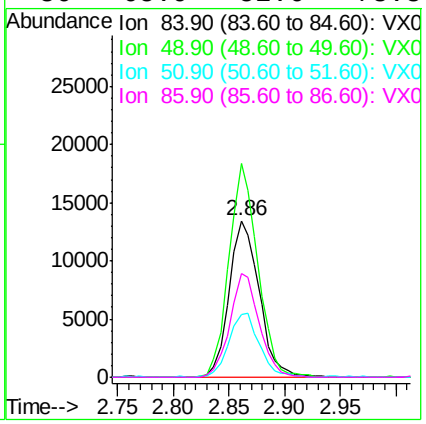


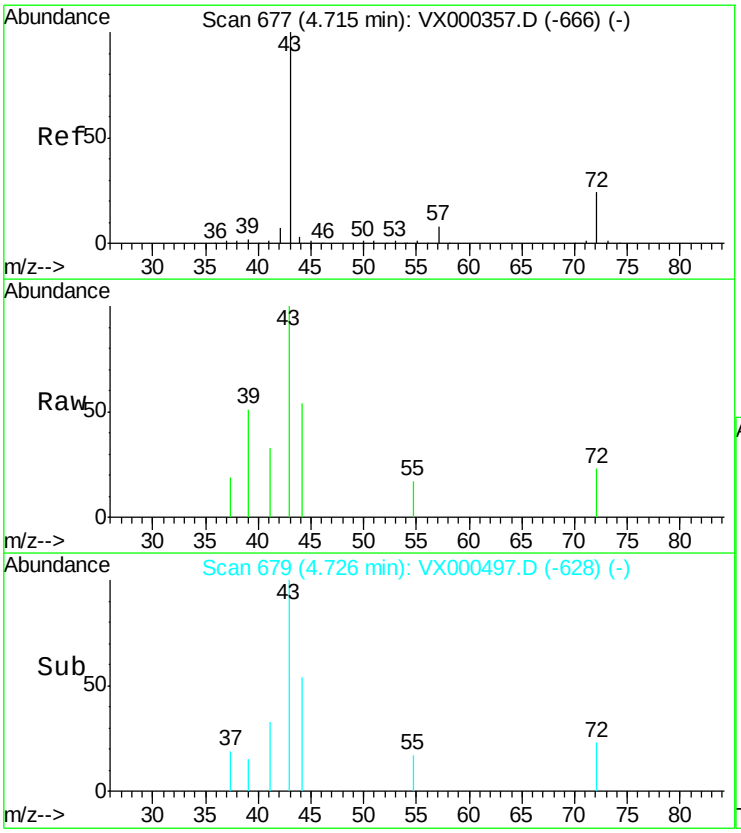
#20
Methylene Chloride
Concen: 21.19 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 84 Resp: 25123

Ion	Ratio	Lower	Upper
84	100		
49	136.5	100.6	151.0
51	39.8	31.6	47.4
86	65.9	52.6	78.8

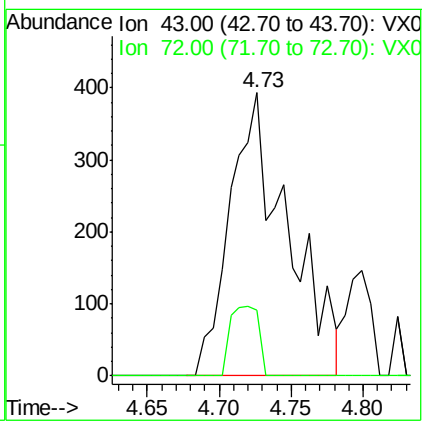


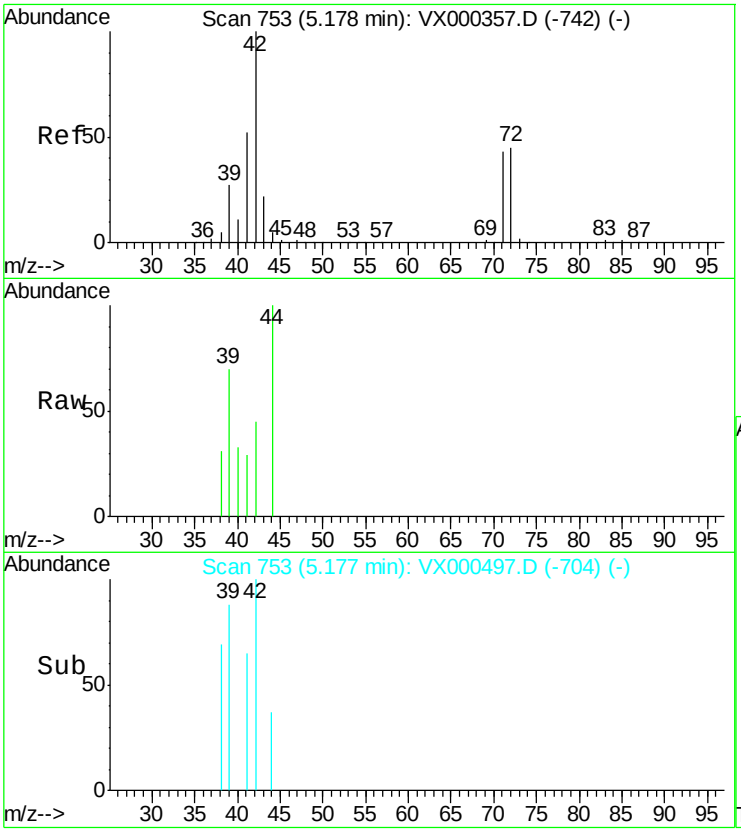


#25
2-Butanone
Concen: 0.95 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 43 Resp: 1095

Ion	Ratio	Lower	Upper
43	100		
72	23.4	21.0	31.6



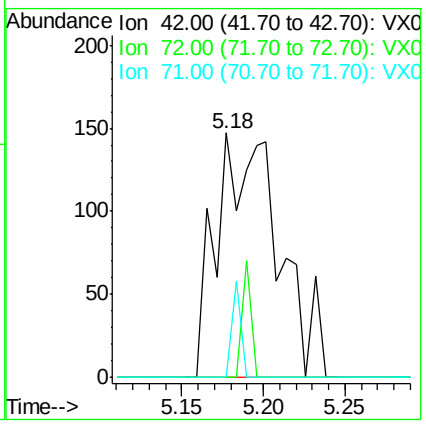


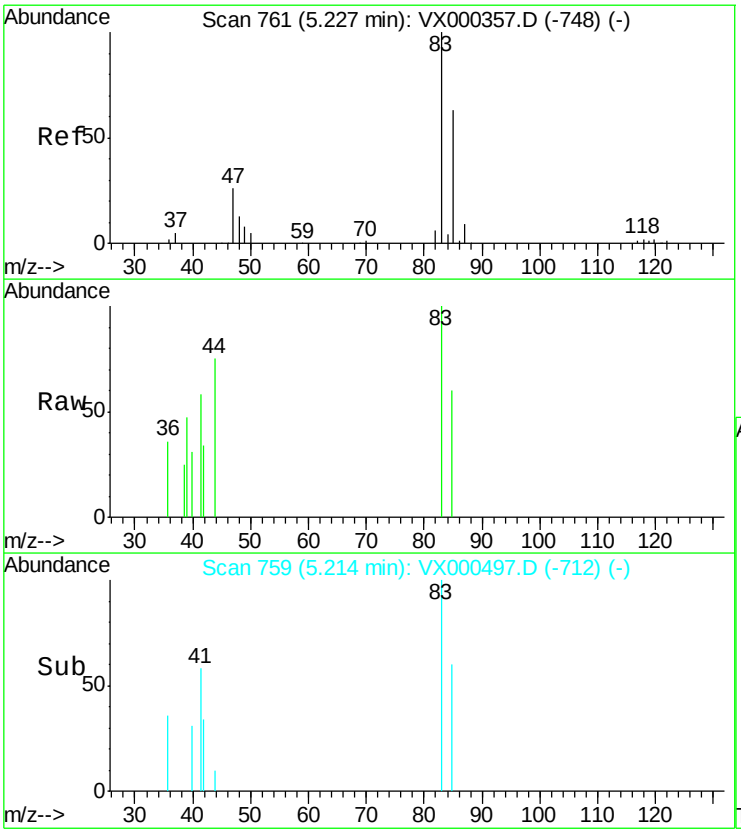
#29
Tetrahydrofuran
Concen: 0.55 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 42 Resp: 393

Ion	Ratio	Lower	Upper
42	100		
72	6.6	37.9	56.9#
71	5.3	34.4	51.6#

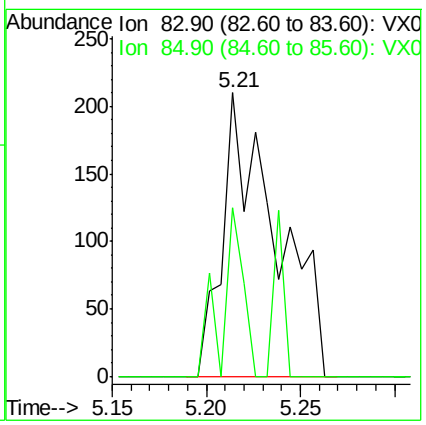


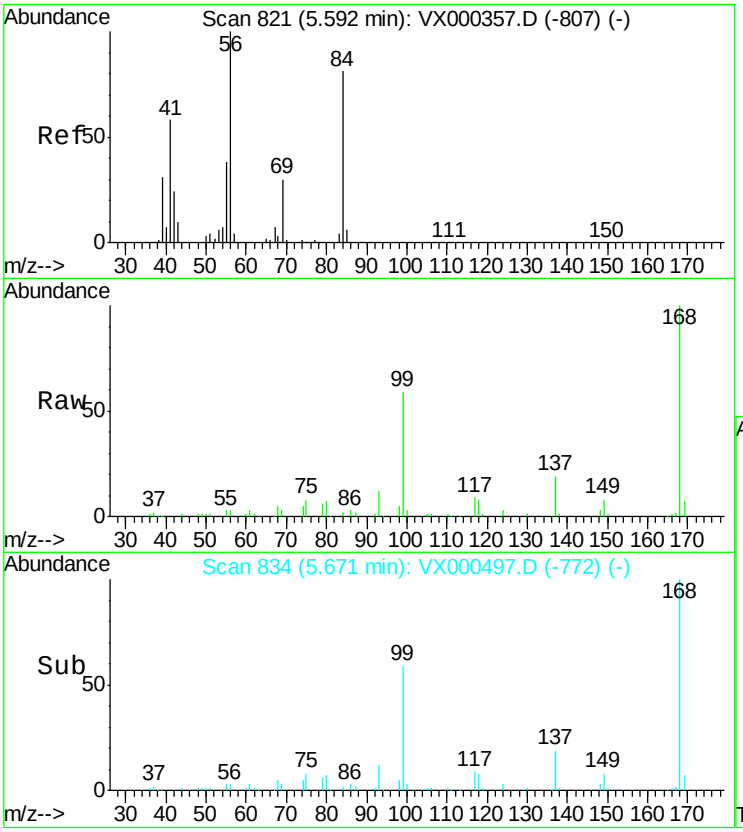


#30
Chloroform
Concen: 0.22 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 83 Resp: 413

Ion	Ratio	Lower	Upper
83	100		
85	59.5	53.3	79.9



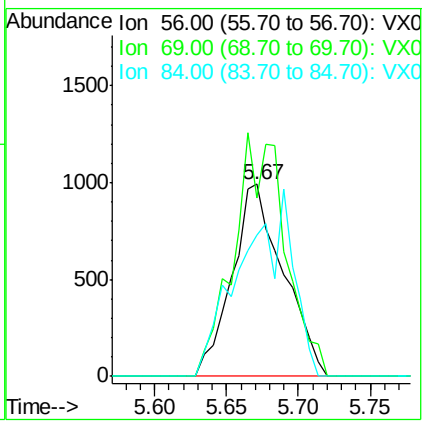


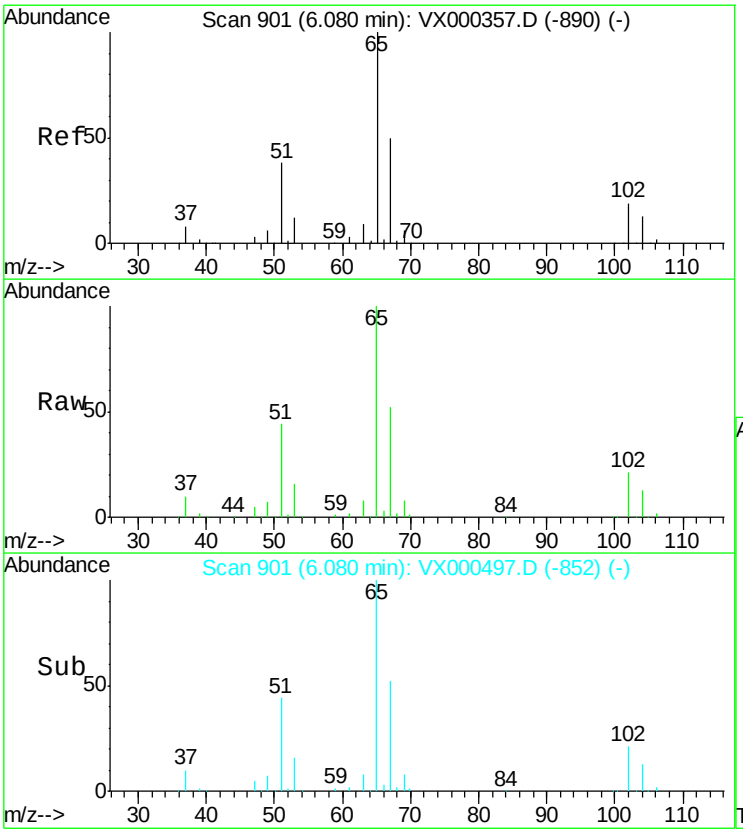
#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 56 Resp: 2452

Ion	Ratio	Lower	Upper
56	100		
69	93.1	23.4	35.0#
84	73.4	71.0	106.4

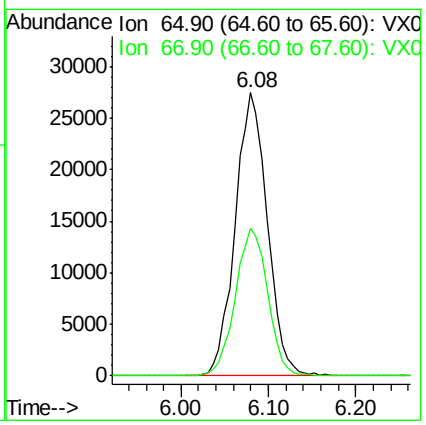


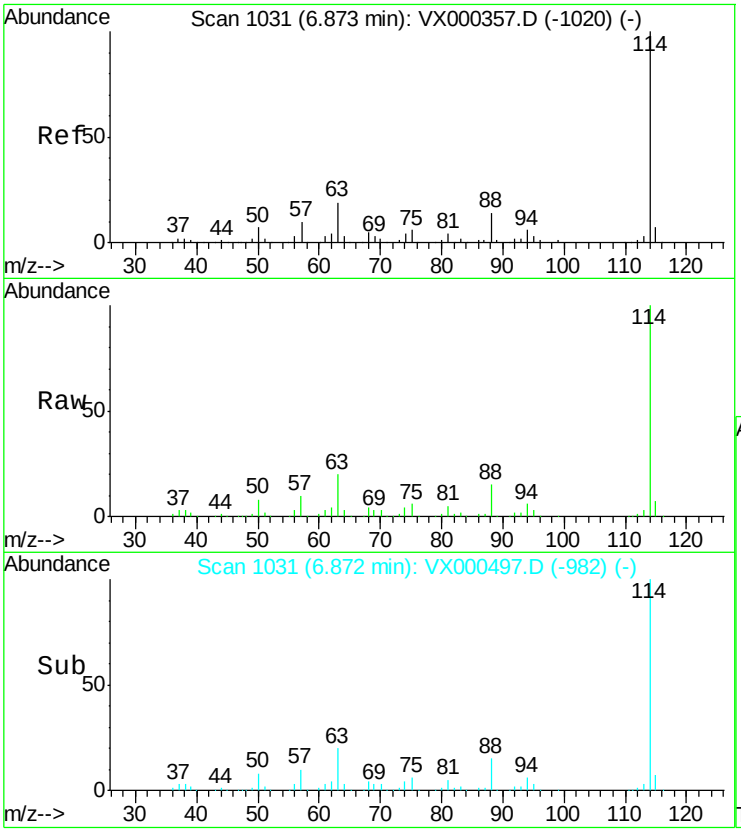


#33
1,2-Dichloroethane-d4
Concen: 56.64 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 65 Resp: 69897

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.2



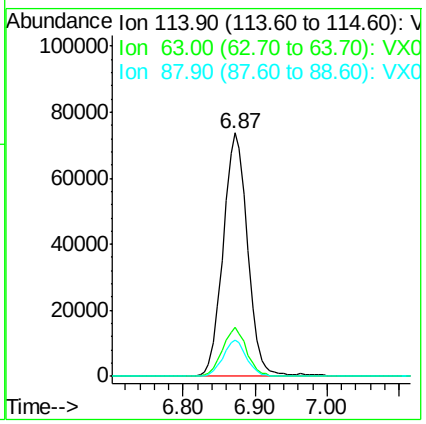


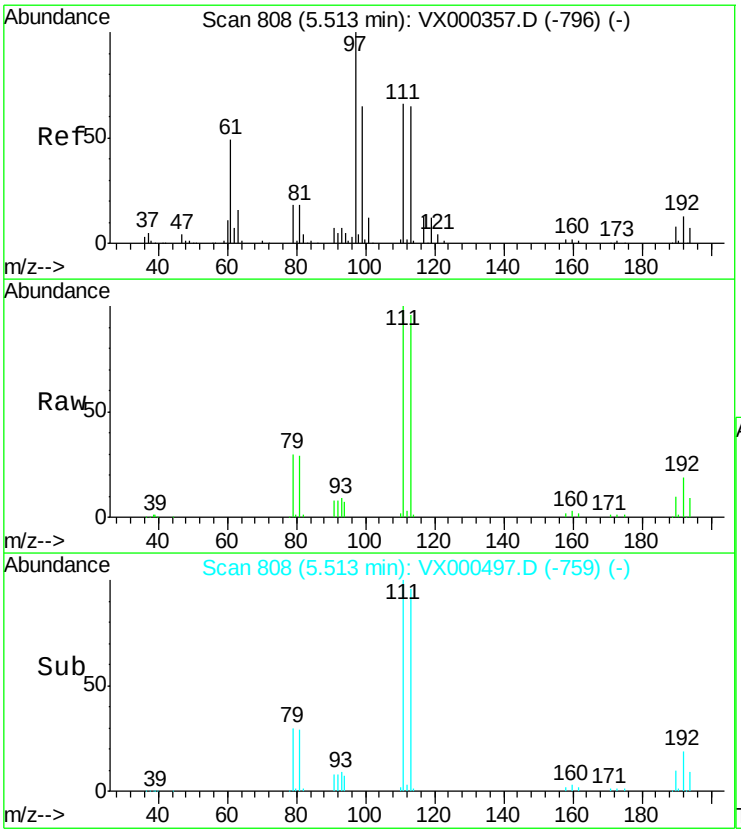
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion:114 Resp: 175085

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.0	0.0	27.0

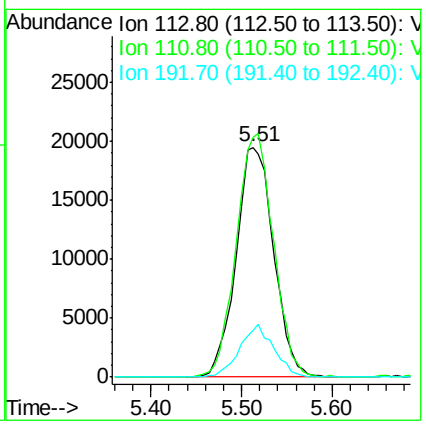


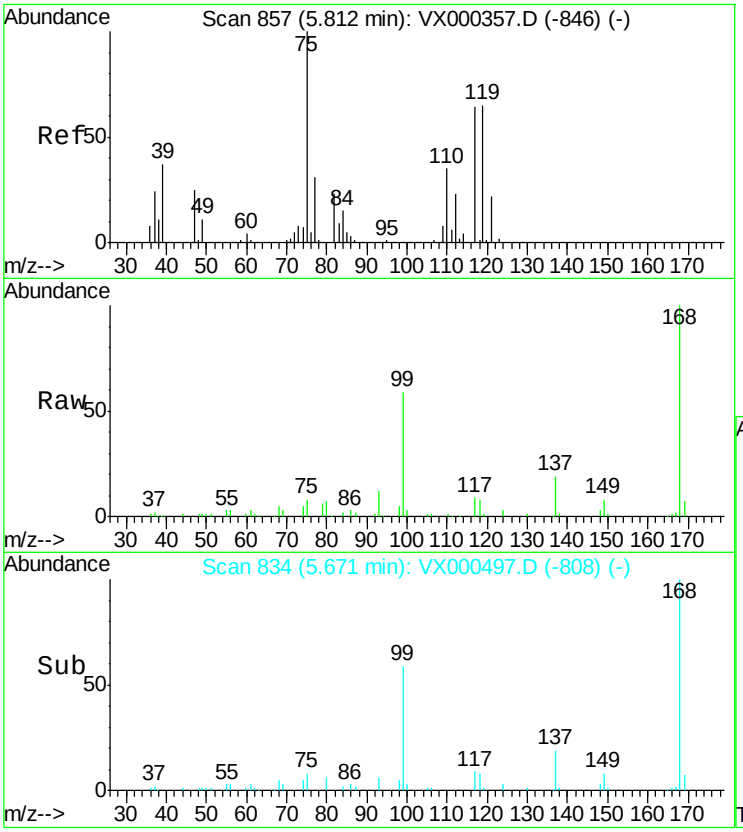


#35
Dibromofluoromethane
Concen: 50.67 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion:113 Resp: 55895

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	20.9	15.8	23.6



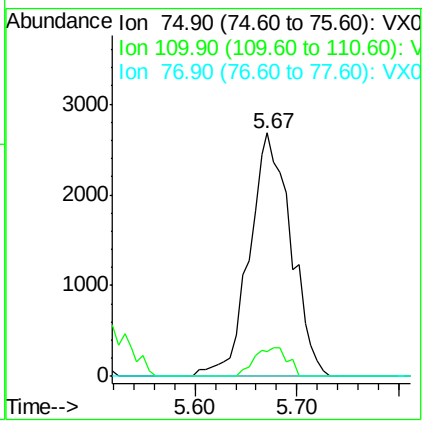


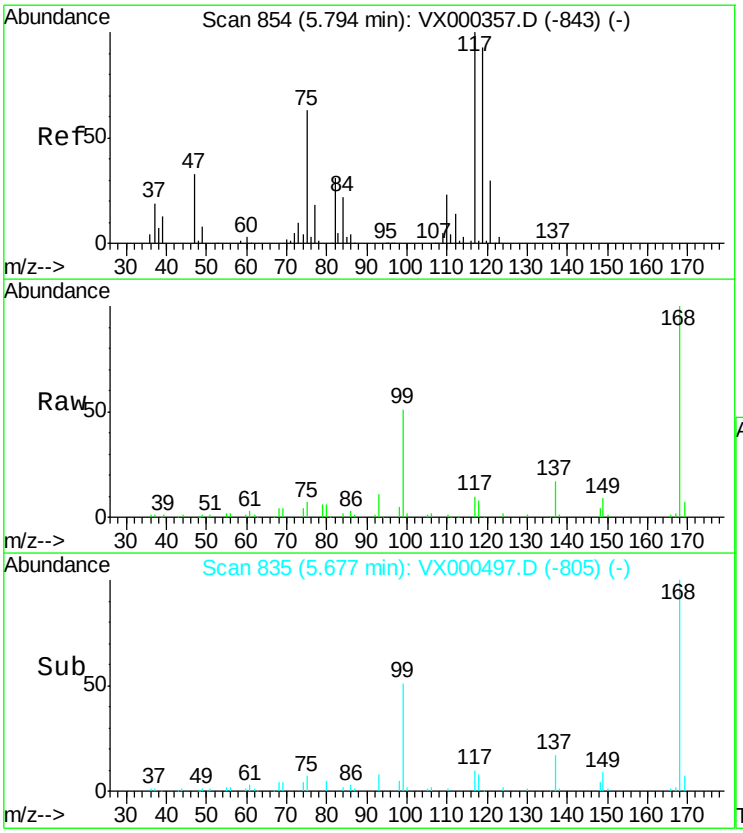
#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 75 Resp: 7592

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.9	53.7#
77	0.0	24.0	36.0#

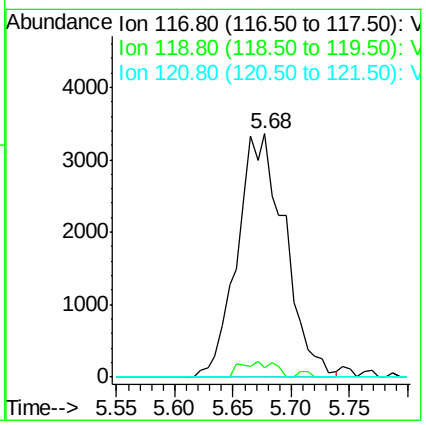


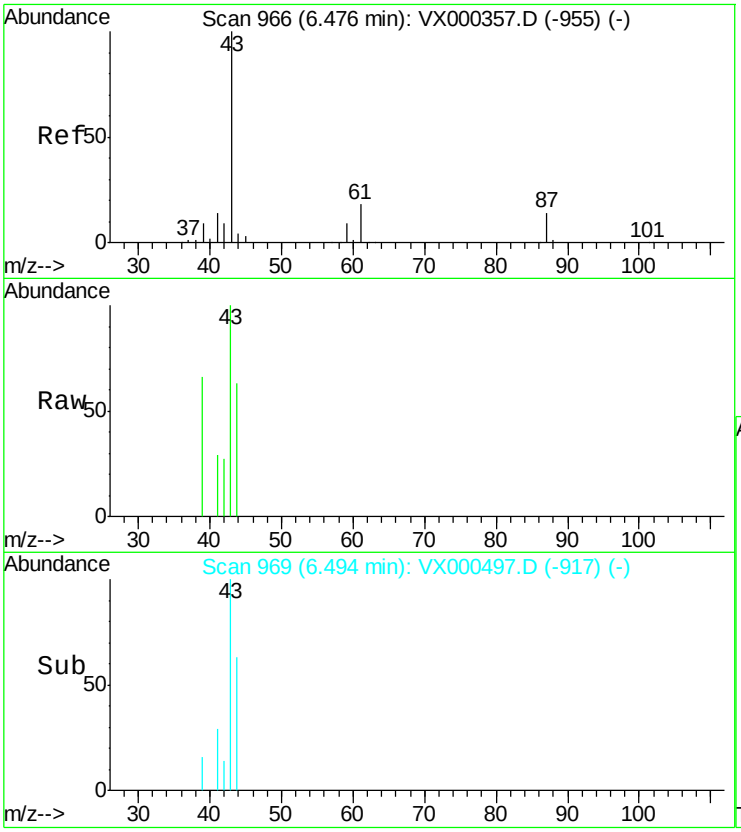


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion:117 Resp: 9511

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.4	116.2#
121	0.0	24.8	37.2#



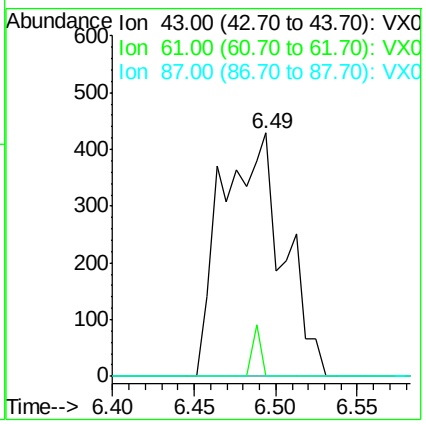


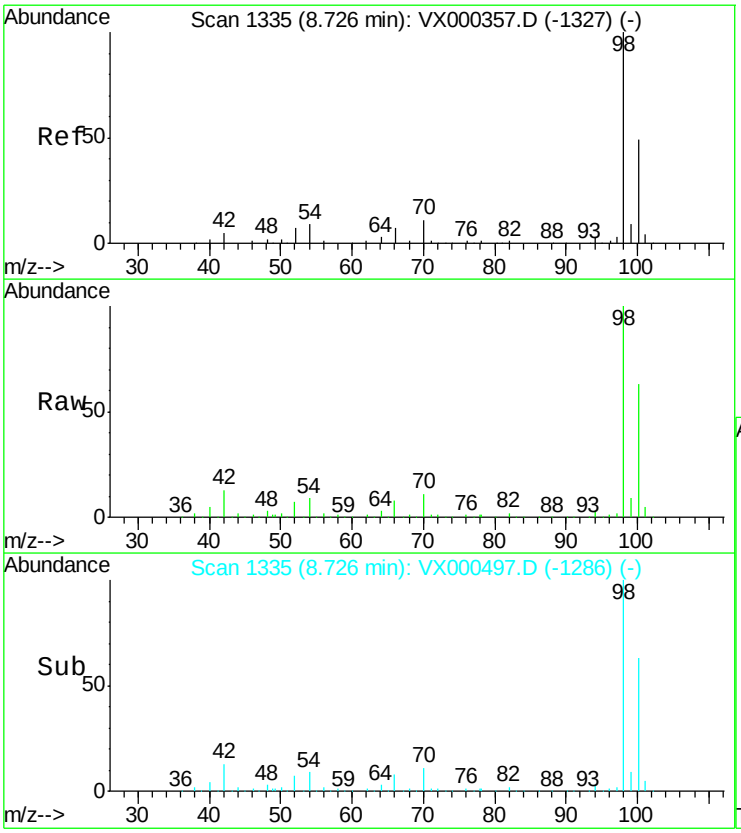
#43
Isopropyl Acetate
Concen: 0.34 ug/l
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 43 Resp: 1133

Ion	Ratio	Lower	Upper
43	100		
61	2.9	14.4	21.6#
87	0.0	11.0	16.4#

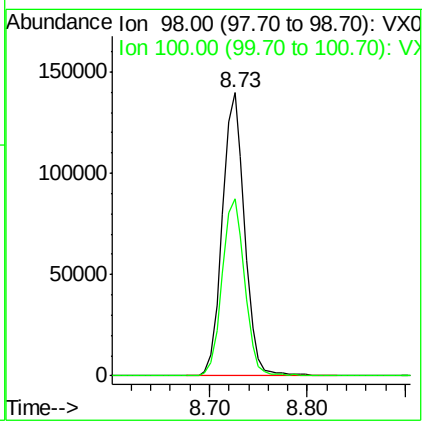


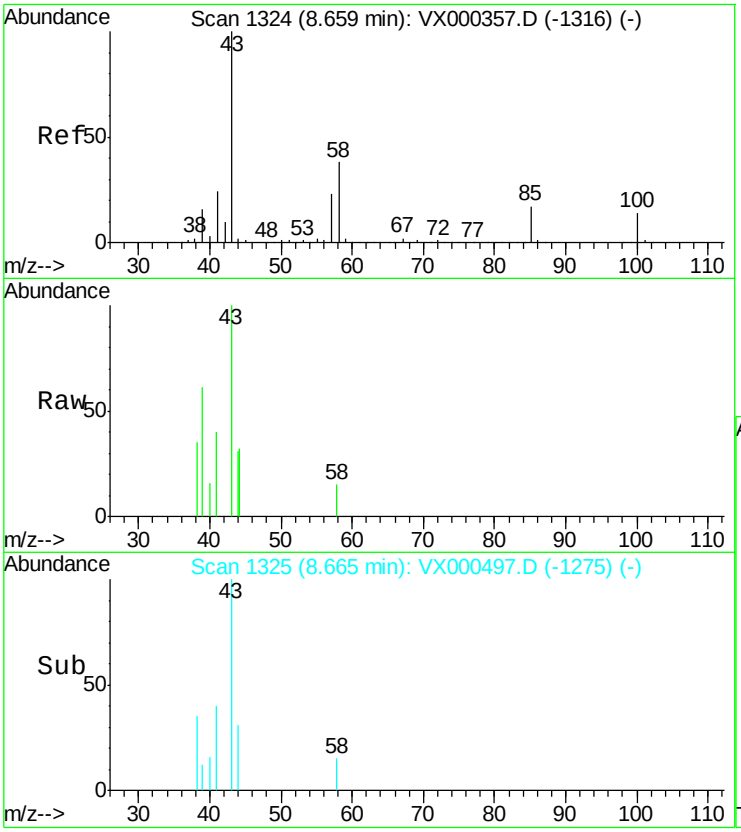


#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 98 Resp: 220912

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.2	76.8



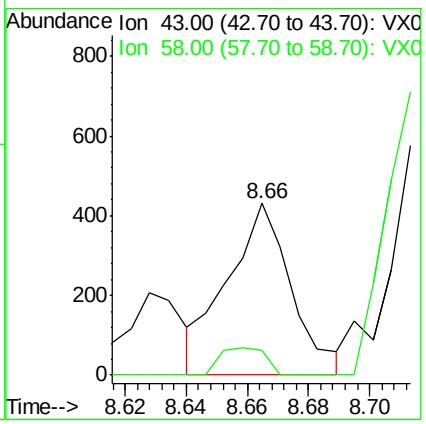


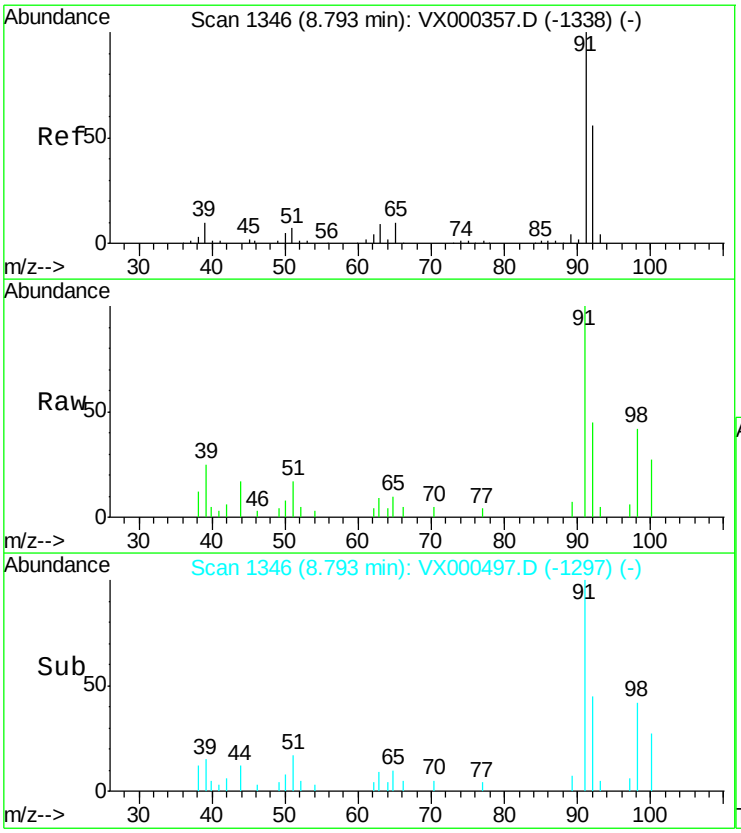
#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 43 Resp: 622

Ion	Ratio	Lower	Upper
43	100		
58	11.4	30.3	45.5#

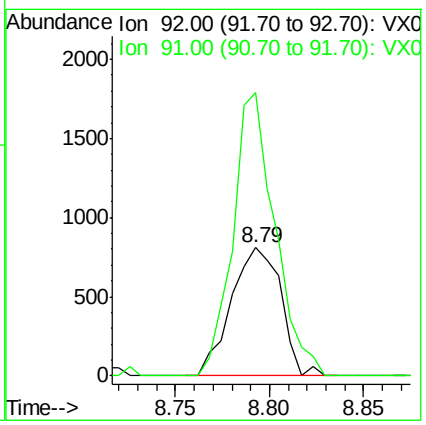


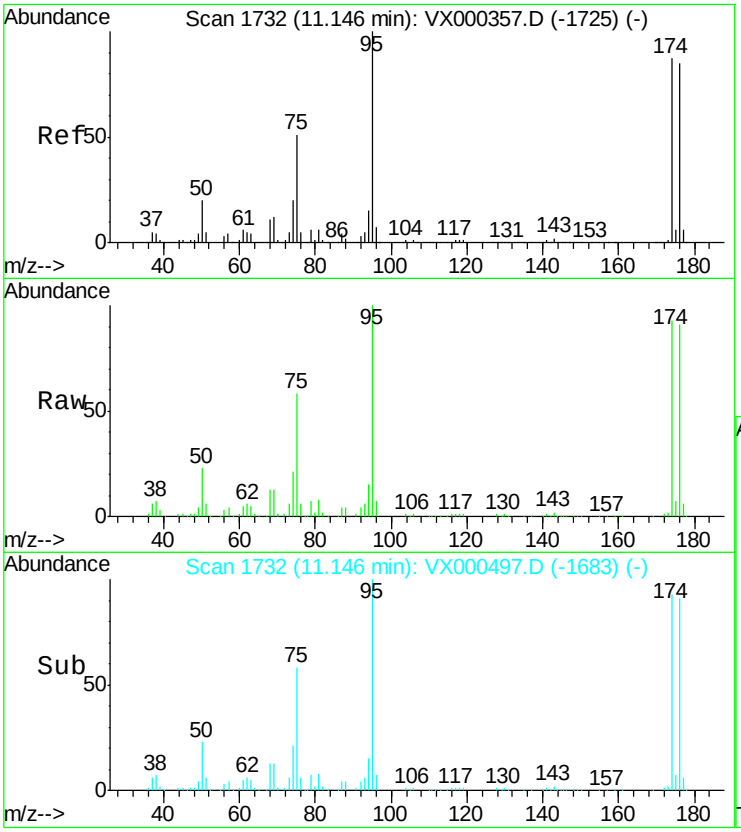


#52
Toluene
Concen: 0.44 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 92 Resp: 1469

Ion	Ratio	Lower	Upper
92	100		
91	188.2	140.2	210.2



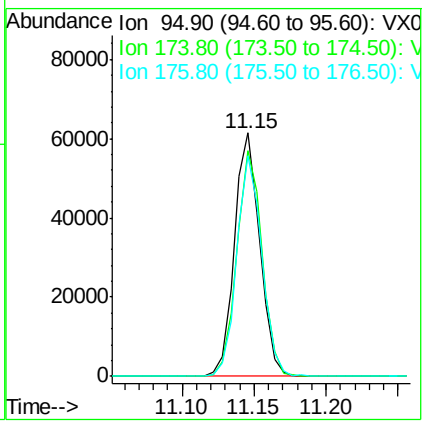


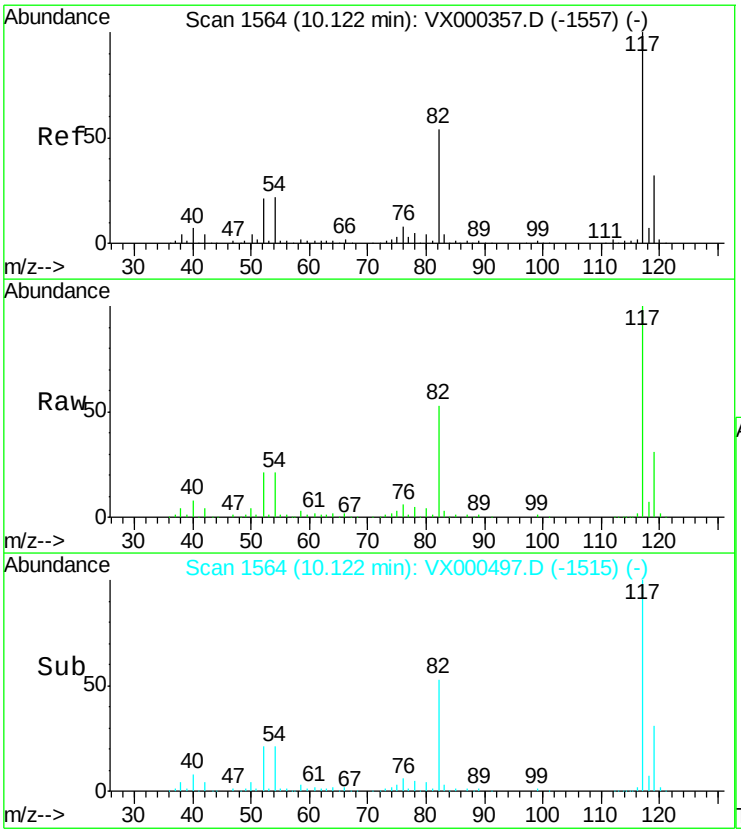
#62
4-Bromofluorobenzene
Concen: 40.29 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 95 Resp: 75140

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	173.6
176	89.4	0.0	164.6

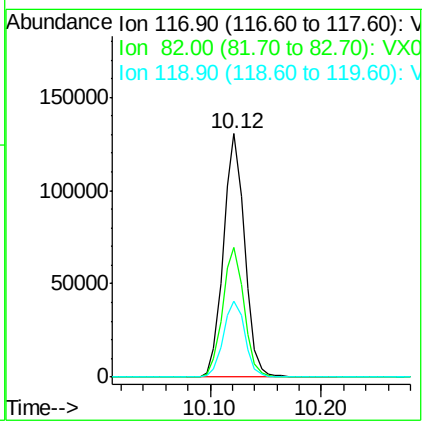


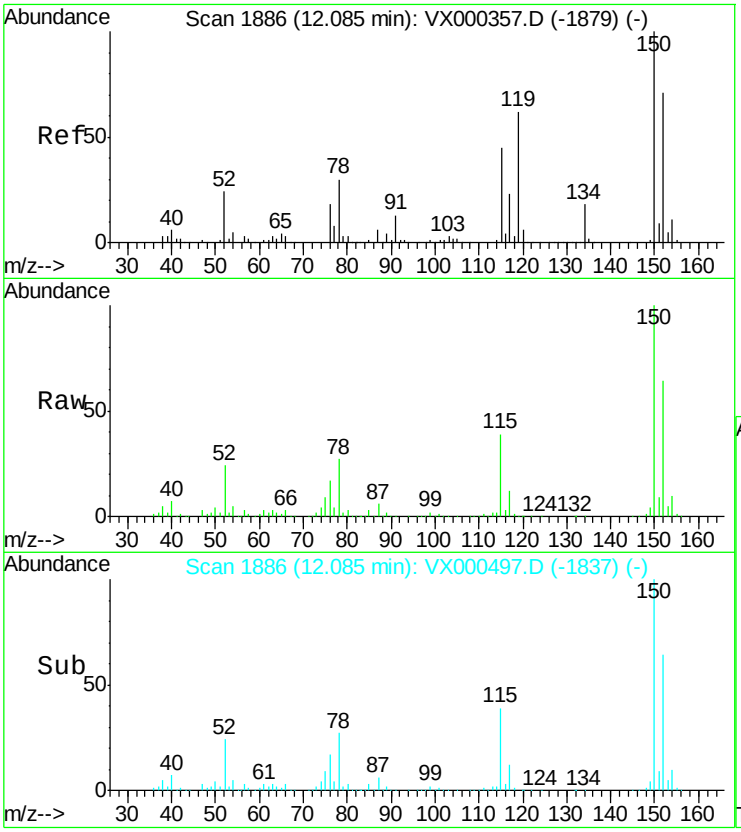


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion:117 Resp: 172018

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.8	65.8
119	31.0	24.9	37.3



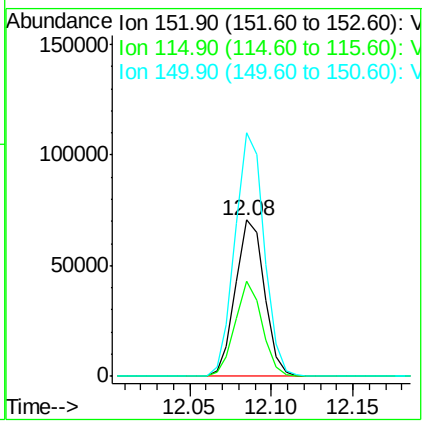


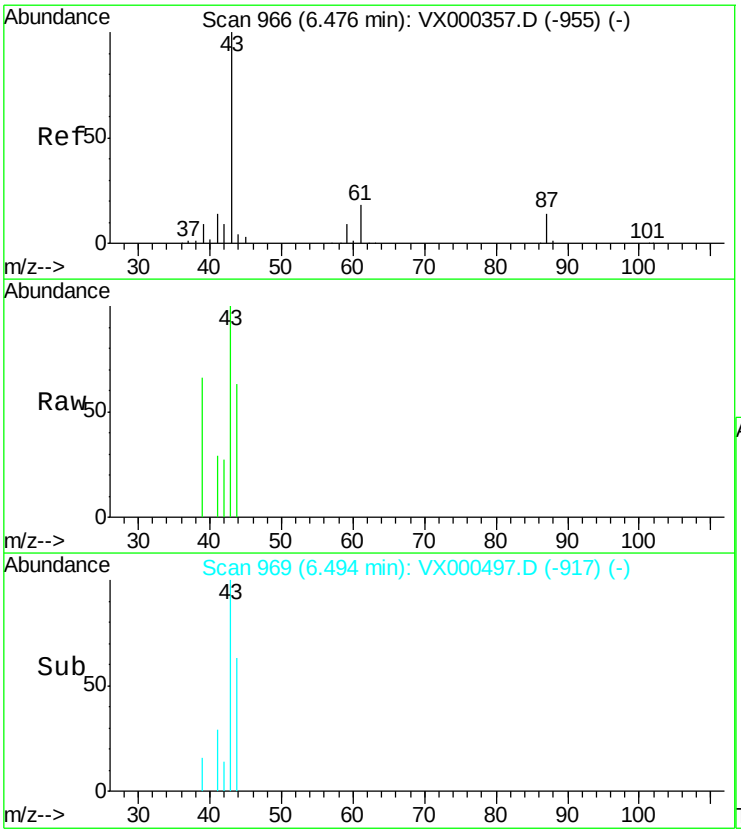
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion:152 Resp: 87913

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.8	119.3
150	156.4	0.0	344.4

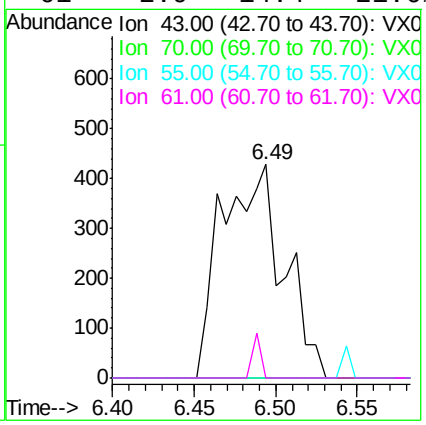


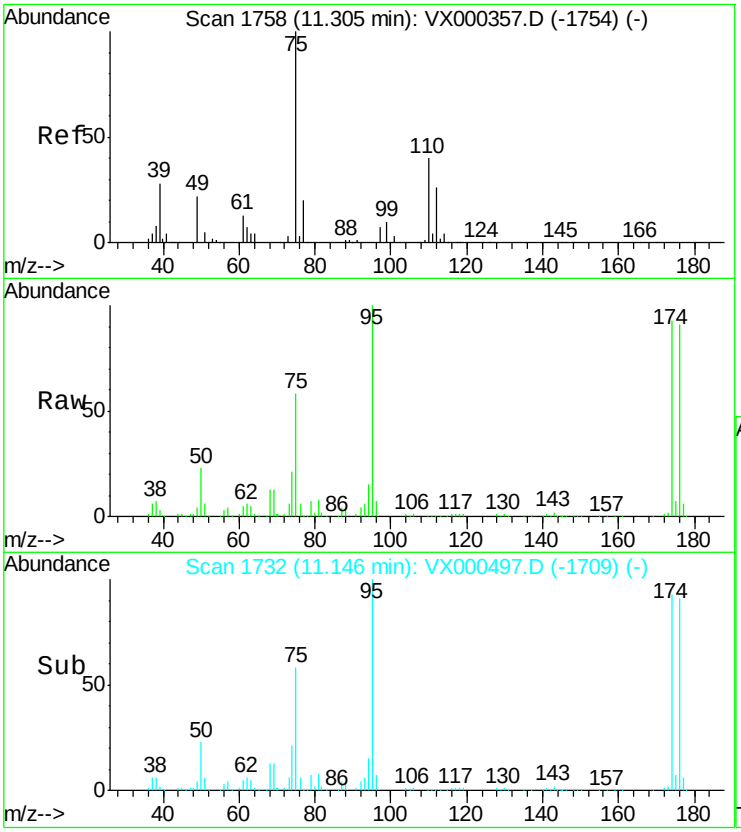


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 43 Resp: 1133

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	2.9	14.4	21.6#



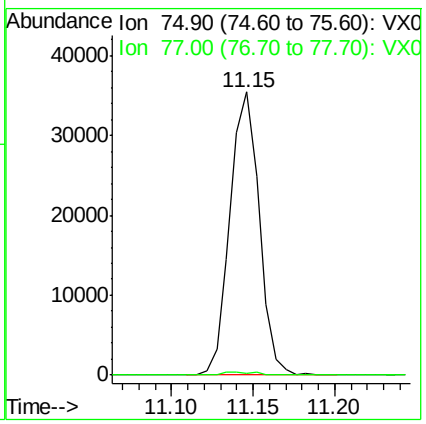


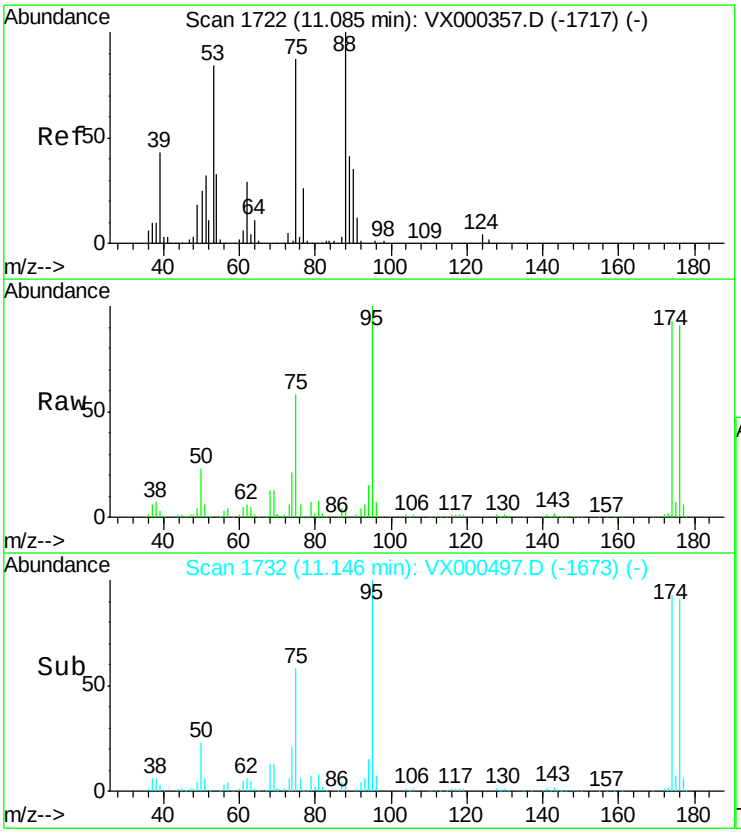
#76
1,2,3-Trichloropropane
Concen: 23.40 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion: 75 Resp: 44205

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.2#

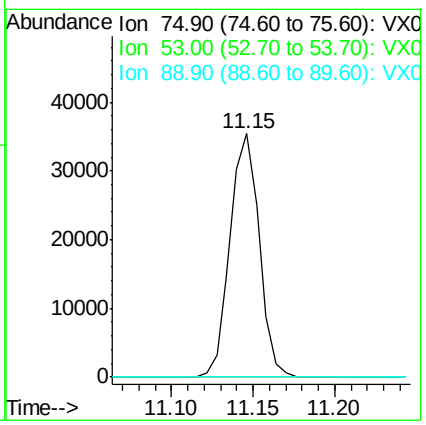


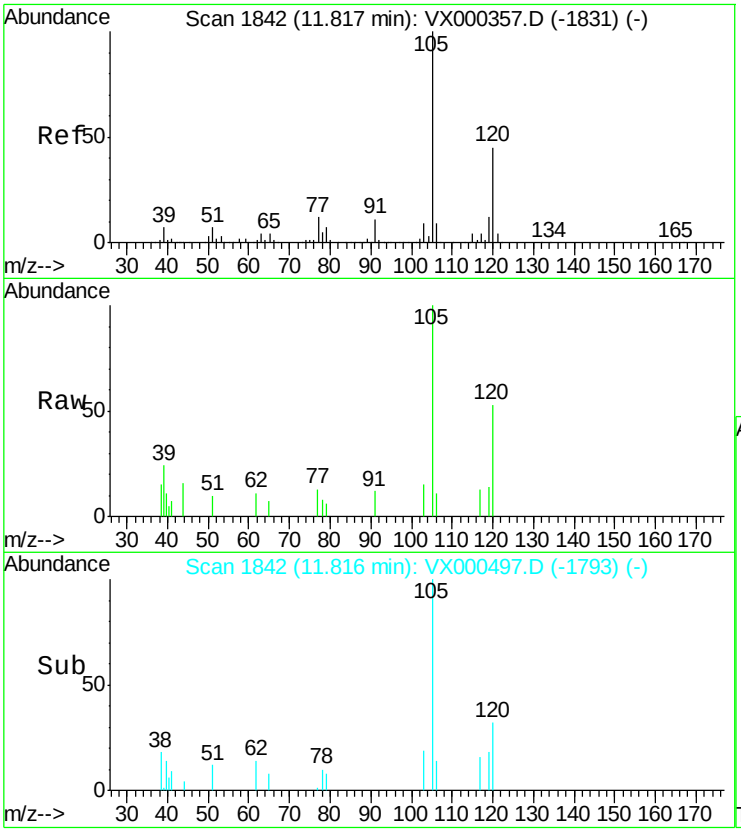


#81
trans-1,4-Dichloro-2-butene
Concen: 75.75 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion: 75 Resp: 44205

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



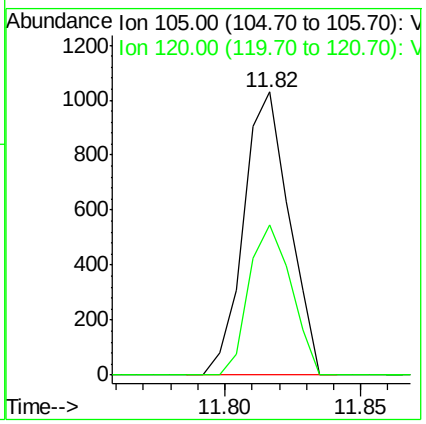


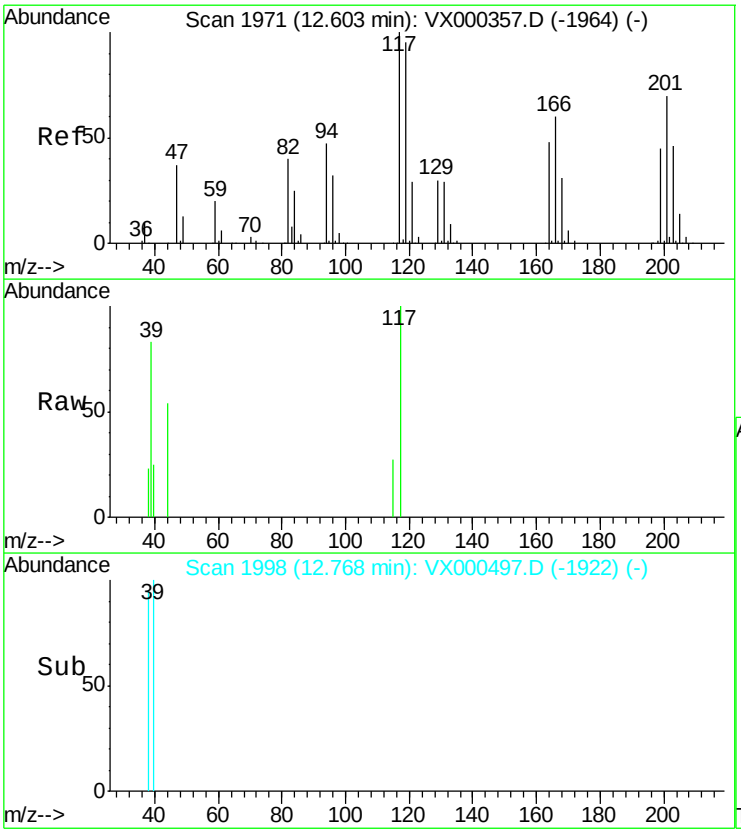
#84
1,2,4-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion:105 Resp: 1194

Ion	Ratio	Lower	Upper
105	100		
120	49.2	22.4	67.3

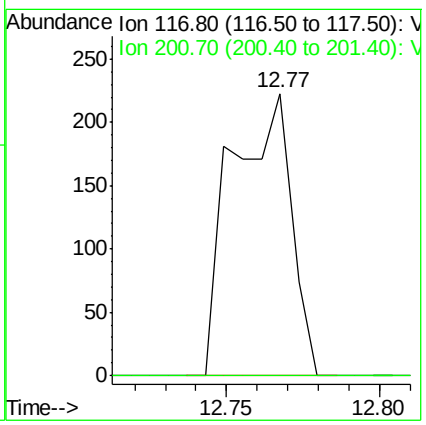


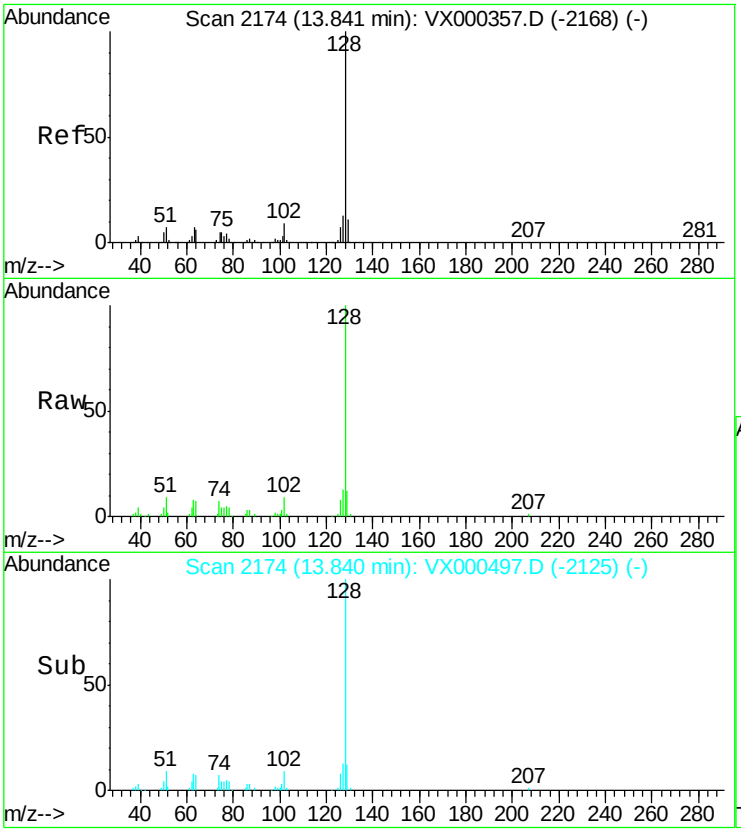


#90
Hexachloroethane
Concen: 0.35 ug/l
RT: 12.77 min Scan# 1998
Delta R.T. 0.16 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

Tgt Ion:117 Resp: 300

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 3.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000497.D
Acq: 28 Mar 2018 18:50

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

Tgt Ion:128 Resp: 25965

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.1	8.9	13.3