Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000485.D
Acq On : 28 Mar 2018 13:44
Operator : JC/MD
Sample : J1754-12 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Quant Time: Mar 29 04:09:09 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	5.67	168	101014	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	180484	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	173017	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85492	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	73537	55.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.54%				
35) Dibromofluoromethane	5.52	113	58695	51.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.22%				
50) Toluene-d8	8.73	98	225849	47.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.90%				
62) 4-Bromofluorobenzene	11.15	95	76186	39.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.46%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	229	0.20	ug/l	#	1
6) Chloroethane	1.70	64	234	Below Cal		#	44
8) Diethyl Ether	2.20	74	166	0.21	ug/l	#	28
10) Methyl Iodide	2.51	142	55	4.32	ug/l	#	37
11) Tert butyl alcohol	3.02	59	1236	2.73	ug/l	#	77
13) Acrolein	2.37	56	30	14.77	ug/l	#	69
16) Acetone	2.45	43	9692	8.84	ug/l		95
17) Carbon Disulfide	2.57	76	937	0.34	ug/l	#	63
18) Methyl Acetate	2.78	43	780	0.34	ug/l	#	51
20) Methylene Chloride	2.87	84	1415	1.12	ug/l	#	80
25) 2-Butanone	4.71	43	1518	1.23	ug/l		94
29) Tetrahydrofuran	5.19	42	406	0.54	ug/l	#	52
31) Cyclohexane	5.67	56	2381	1.43	ug/l	#	45
36) 1,1-Dichloropropene	5.67	75	8001	4.73	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	10061	5.67	ug/l	#	16
43) Isopropyl Acetate	6.49	43	1919	0.56	ug/l	#	84
49) 1,4-Dioxane	7.52	88	19	0.54	ug/l	#	26
51) 4-Methyl-2-Pentanone	8.66	43	674	0.25	ug/l		96
60) Dibromochloromethane	9.59	129	60	4.15	ug/l	#	1
71) Bromoform	10.88	173	39	4.80	ug/l	#	27
74) N-amyl acetate	6.49	43	1919	Below Cal		#	82
76) 1,2,3-Trichloropropane	11.15	75	43437	23.64	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	43437	76.54	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	1691	0.34	ug/l		70
95) Naphthalene	13.84	128	22123	3.17	ug/l		99

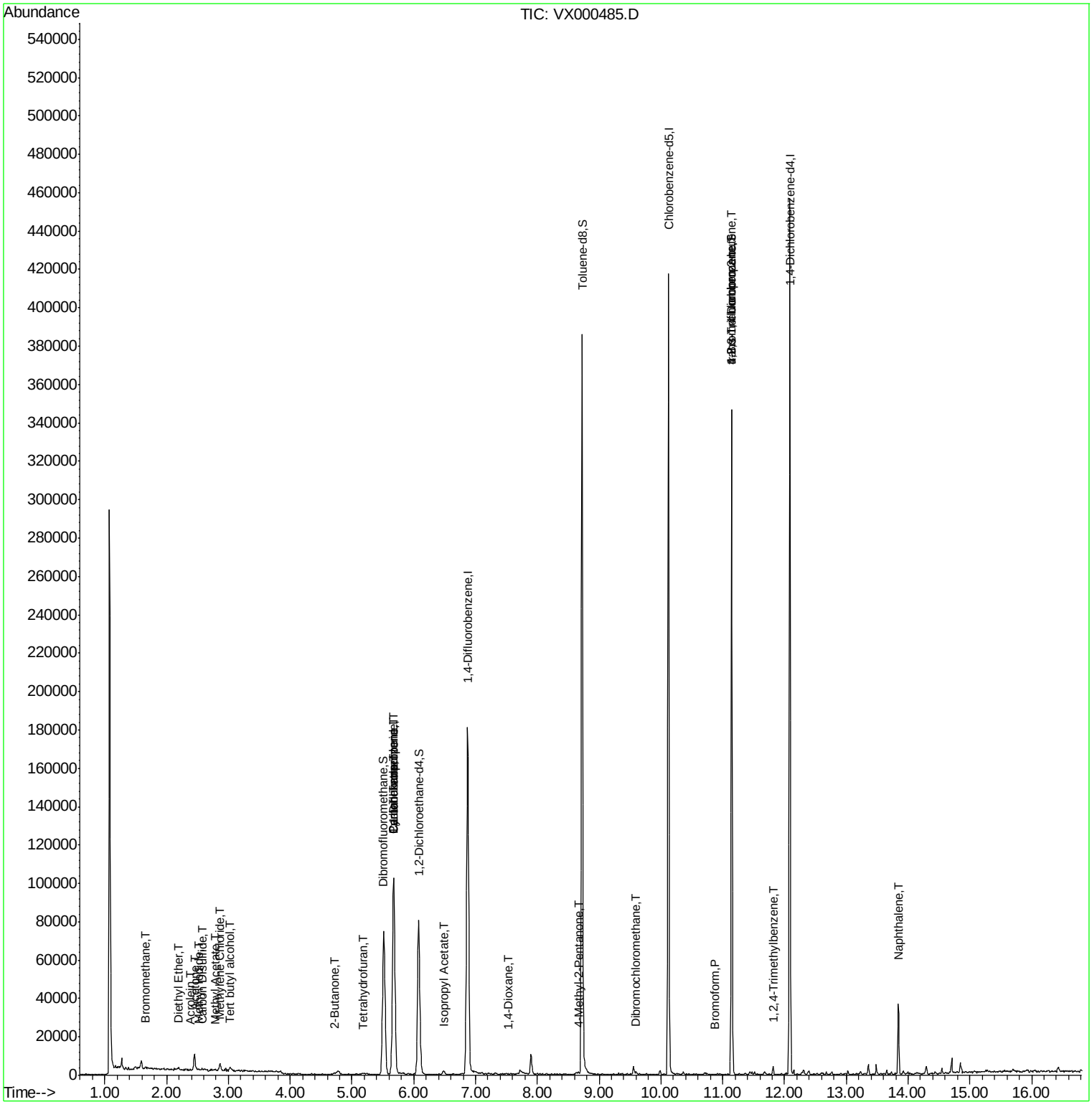
(#) = qualifier out of range (m) = manual integration (+) = signals summed

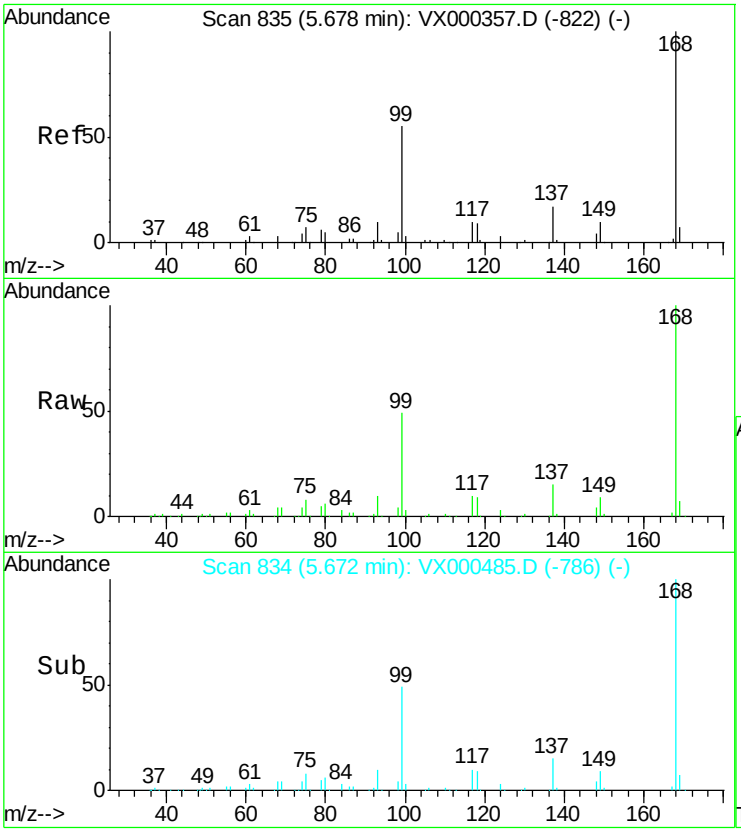
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000485.D
Acq On : 28 Mar 2018 13:44
Operator : JC/MD
Sample : J1754-12 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Quant Time: Mar 29 04:09:09 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



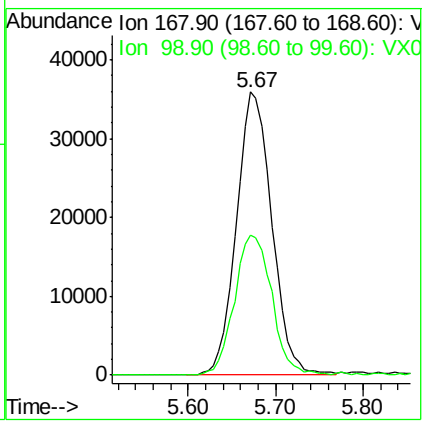


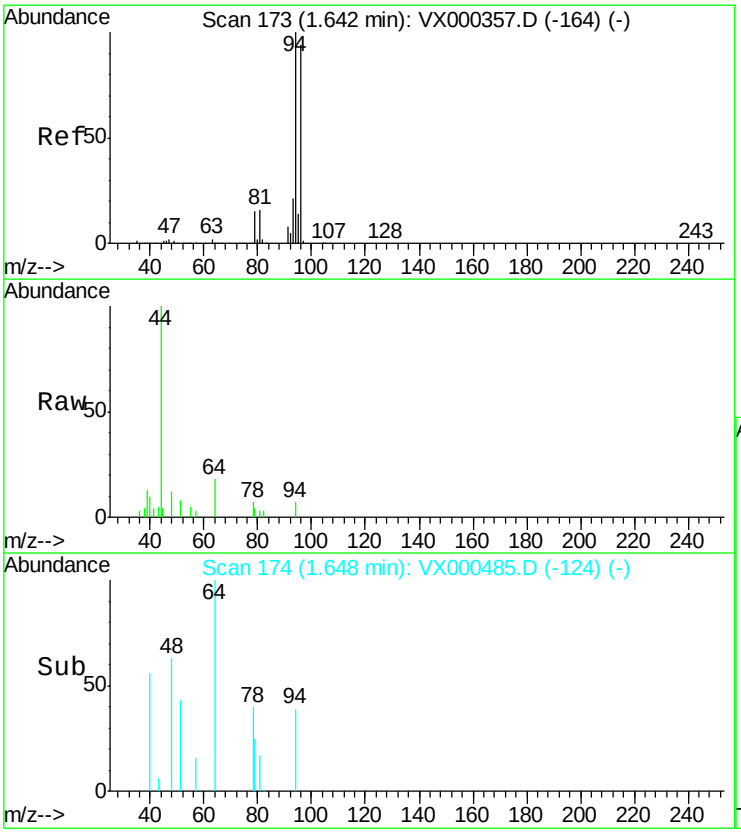
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion:168 Resp: 101014

Ion	Ratio	Lower	Upper
168	100		
99	49.3	45.8	68.6

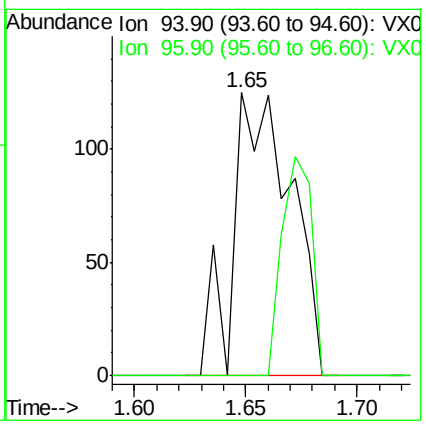


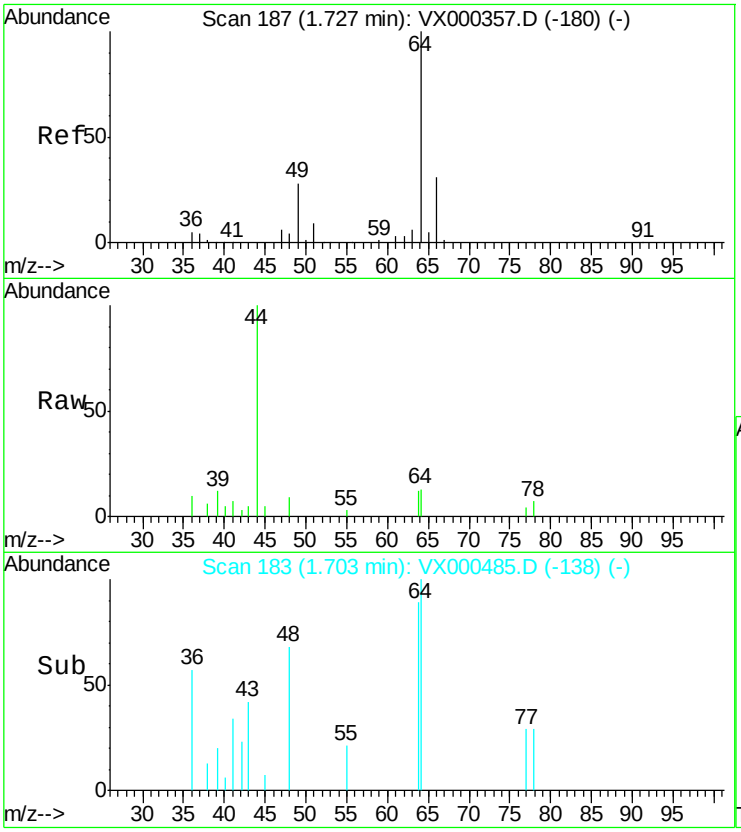


#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 94 Resp: 229

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.7	116.5#



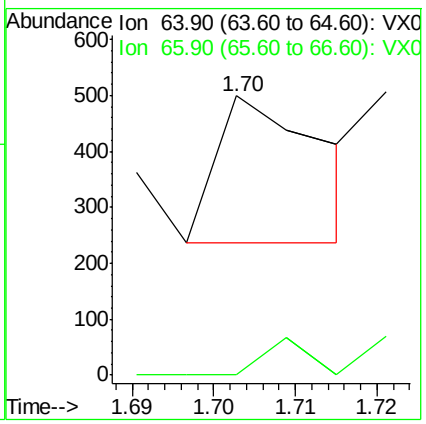


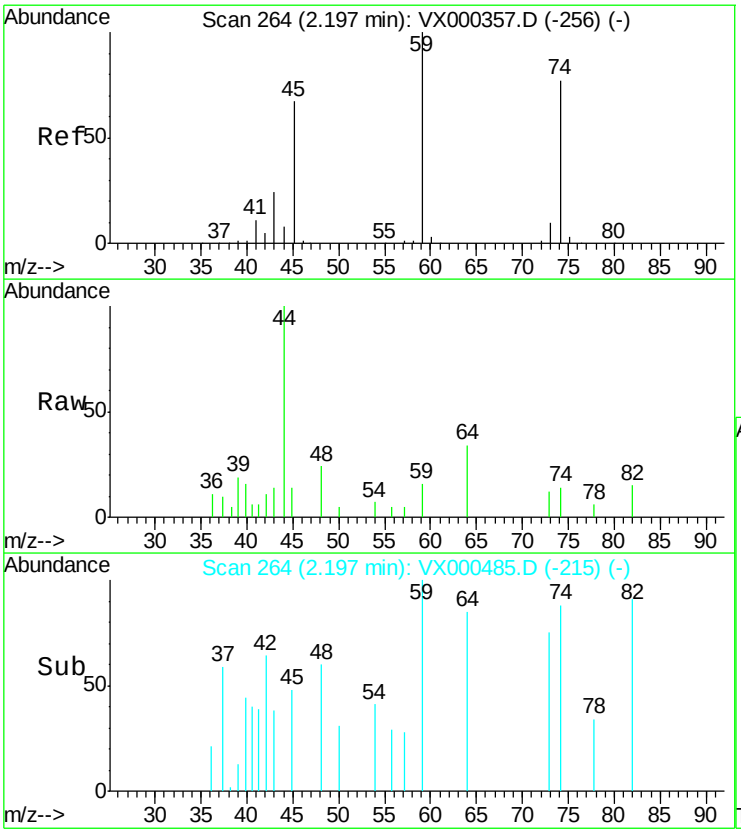
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 64 Resp: 234

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

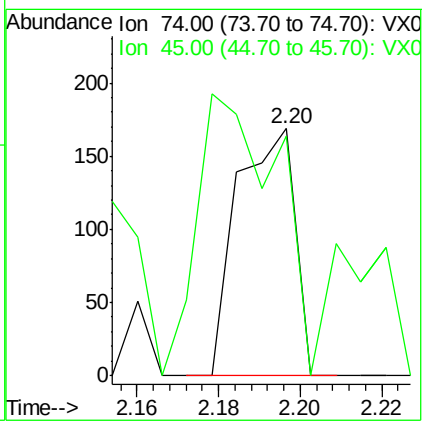


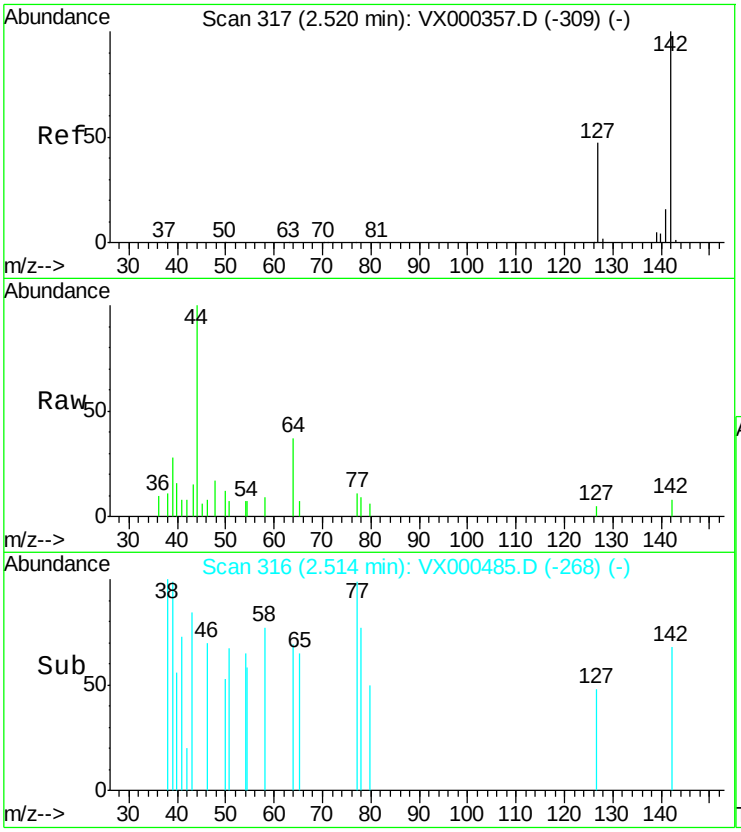


#8
Diethyl Ether
Concen: 0.21 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 74 Resp: 166

Ion	Ratio	Lower	Upper
74	100		
45	157.8	45.1	135.3#



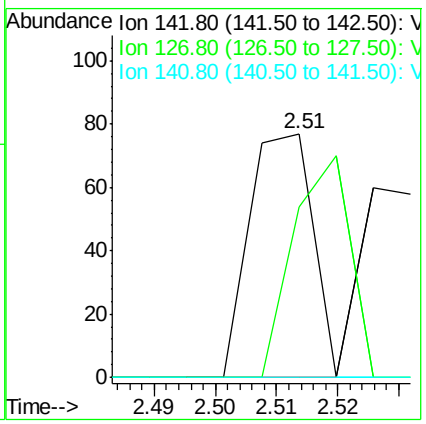


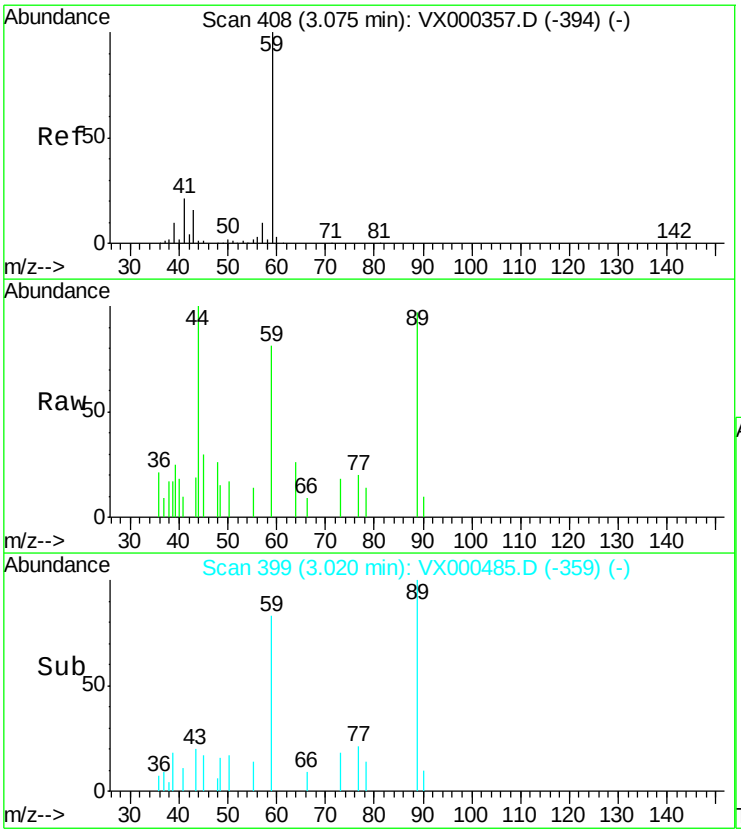
#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Tgt Ion:142 Resp: 55

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

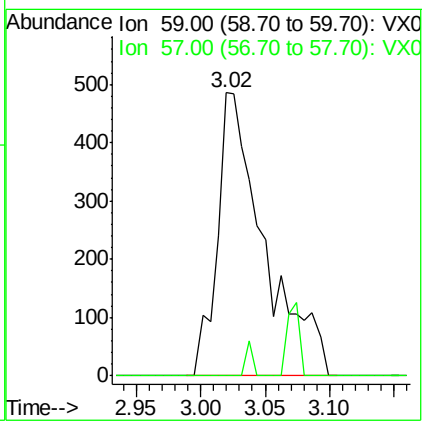


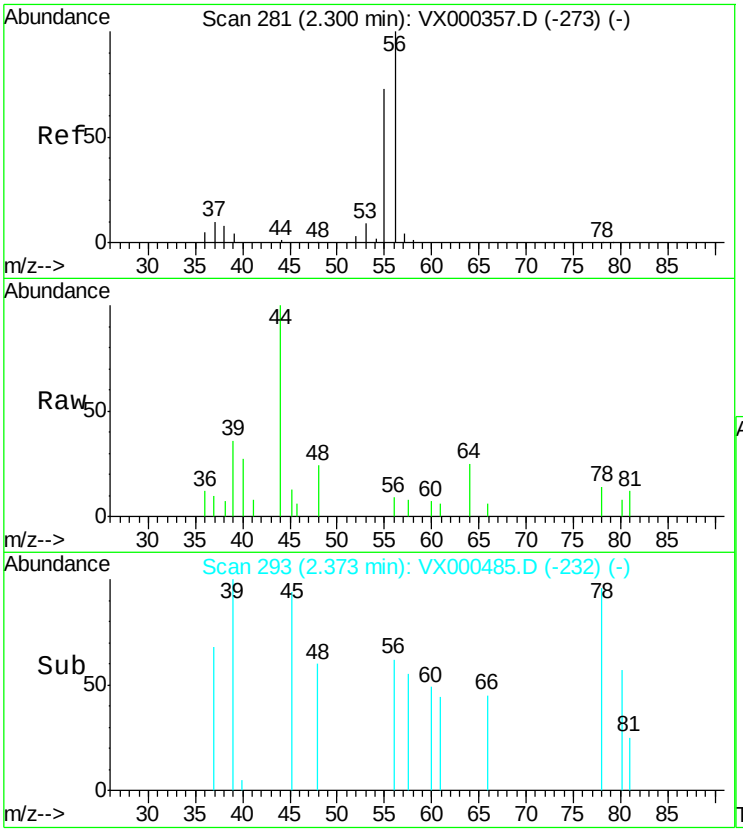


#11
Tert butyl alcohol
Concen: 2.73 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.05 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 59 Resp: 1236

Ion	Ratio	Lower	Upper
59	100		
57	1.8	8.4	12.6#



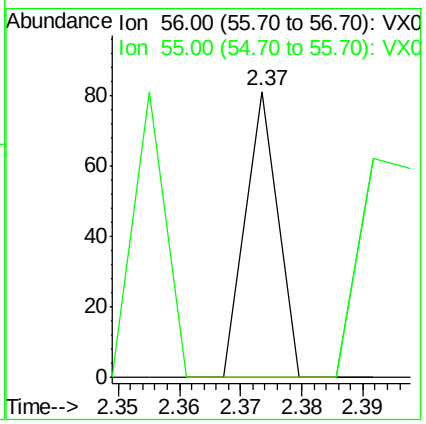


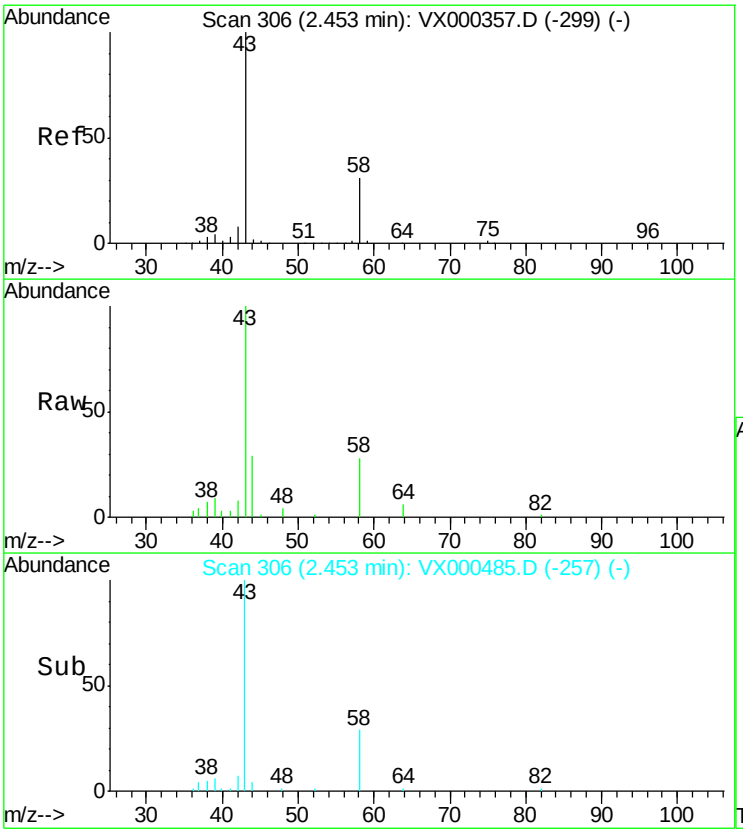
#13
Acrolein
Concen: 14.77 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.07 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 56 Resp: 30

Ion	Ratio	Lower	Upper
56	100		
55	100.0	58.8	88.2#

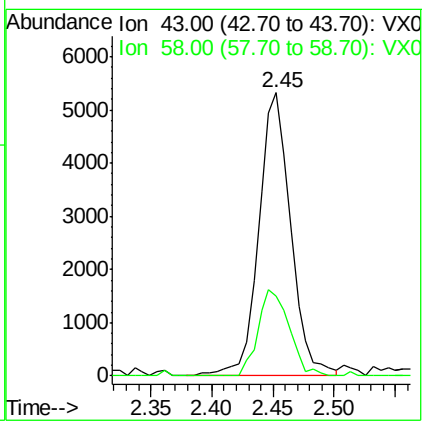


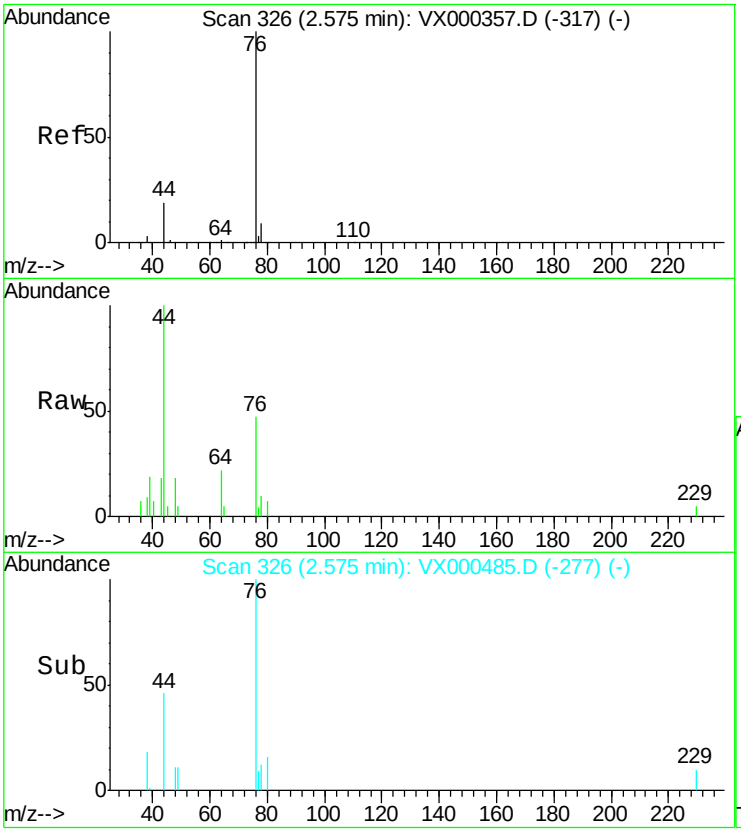


#16
Acetone
Concen: 8.84 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 43 Resp: 9692

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.7	37.1



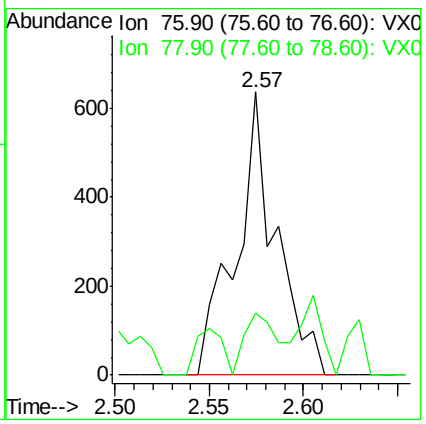


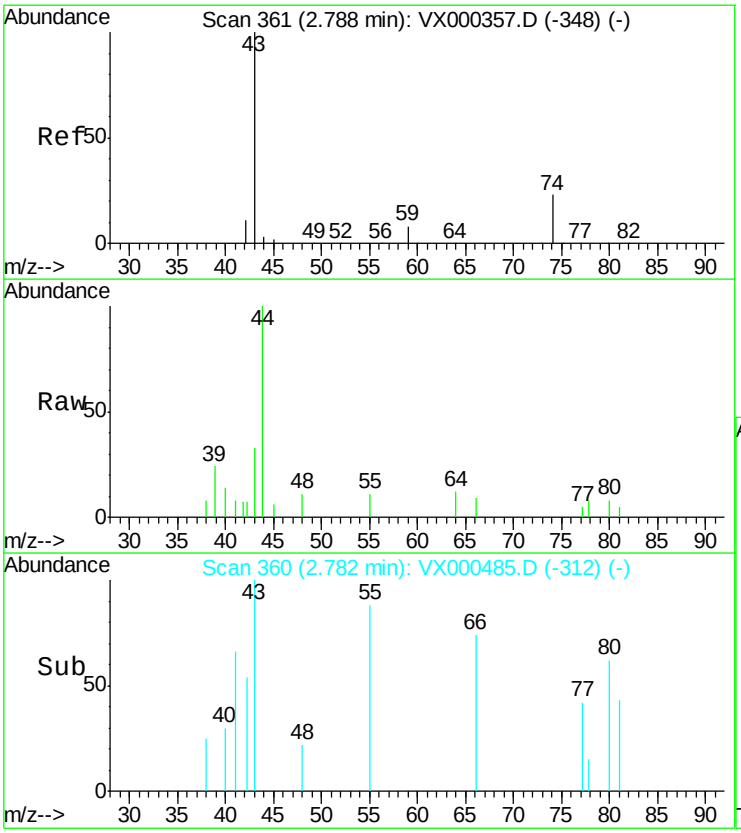
#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 76 Resp: 937

Ion	Ratio	Lower	Upper
76	100		
78	22.0	7.0	10.6#

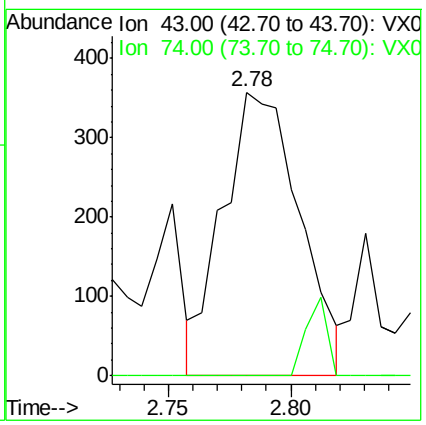


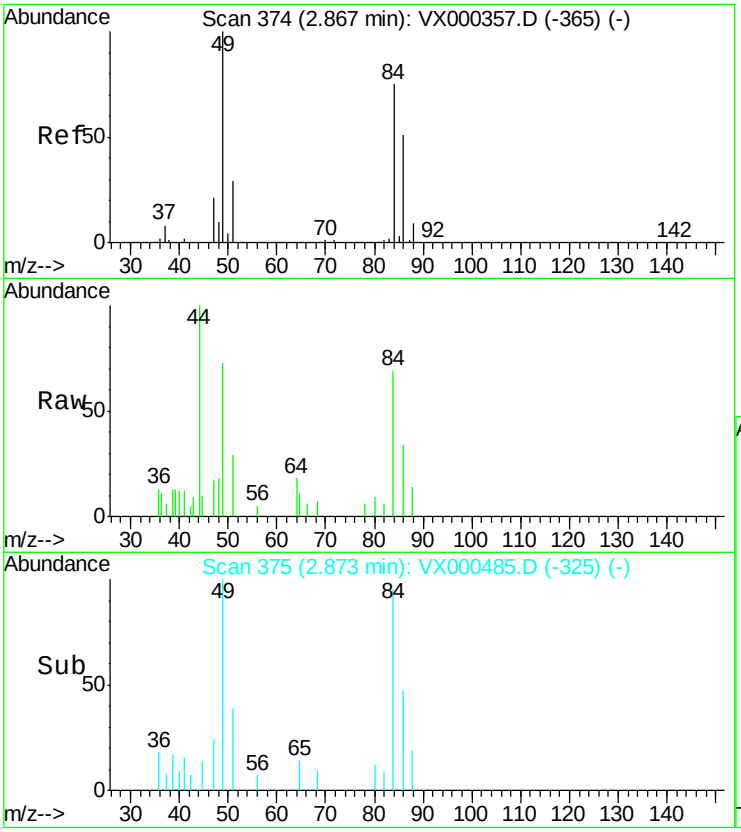


#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 43 Resp: 780

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



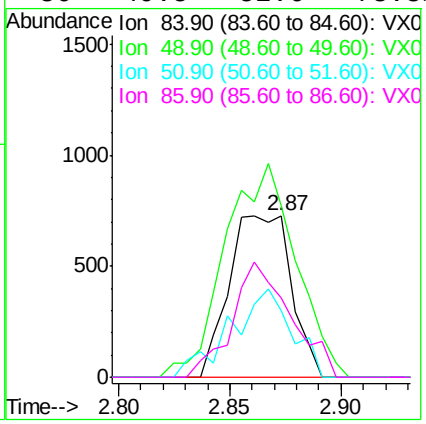


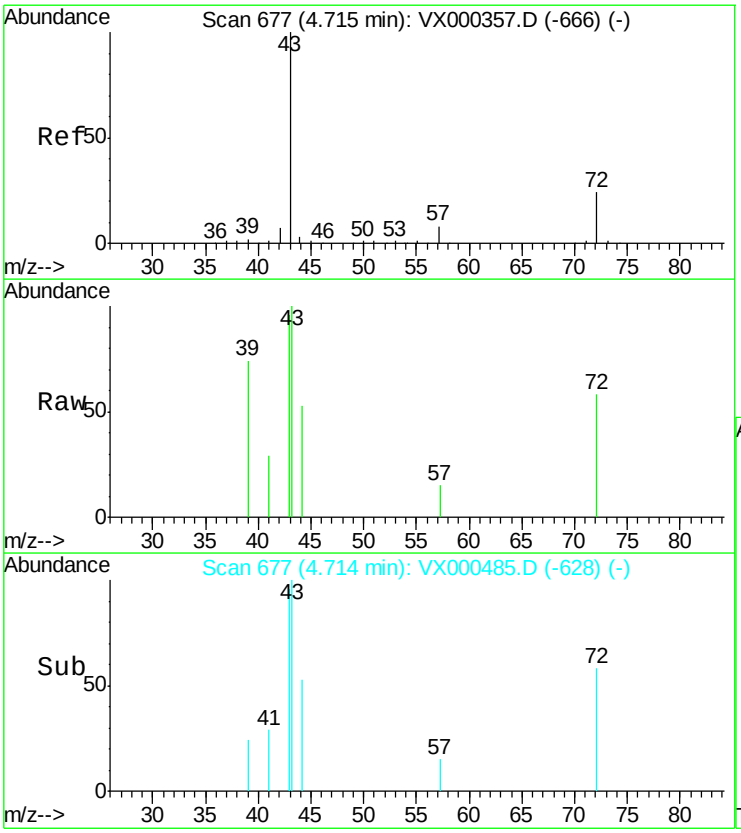
#20
Methylene Chloride
Concen: 1.12 ug/l
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 84 Resp: 1415

Ion	Ratio	Lower	Upper
84	100		
49	97.3	100.6	151.0#
51	41.1	31.6	47.4
86	49.5	52.6	78.8#

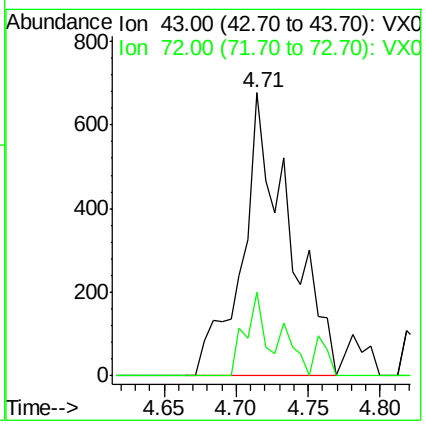


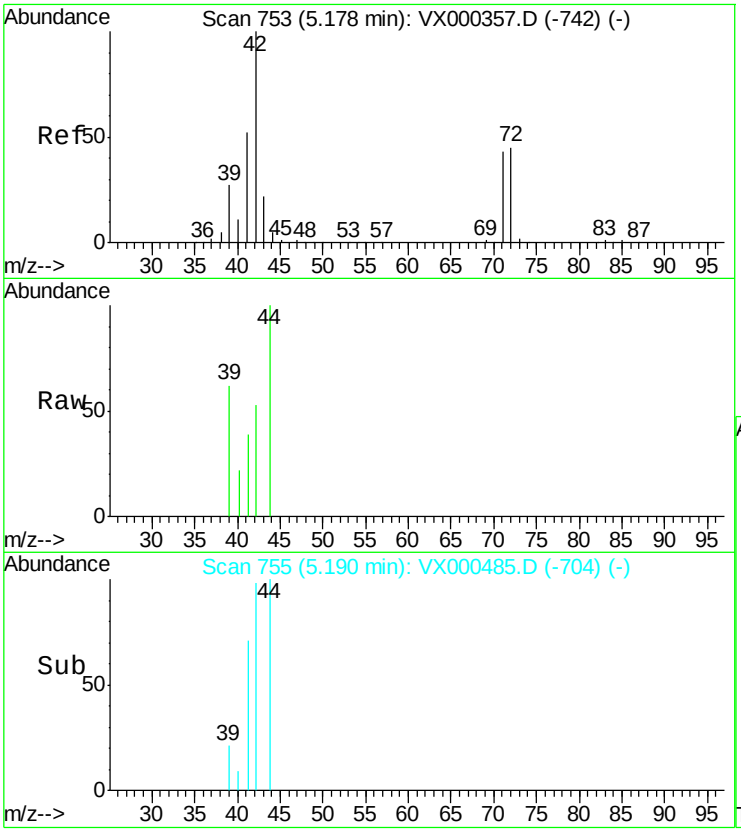


#25
2-Butanone
Concen: 1.23 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 43 Resp: 1518

Ion	Ratio	Lower	Upper
43	100		
72	29.4	21.0	31.6



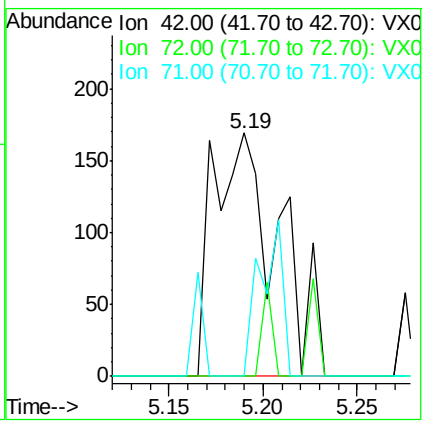


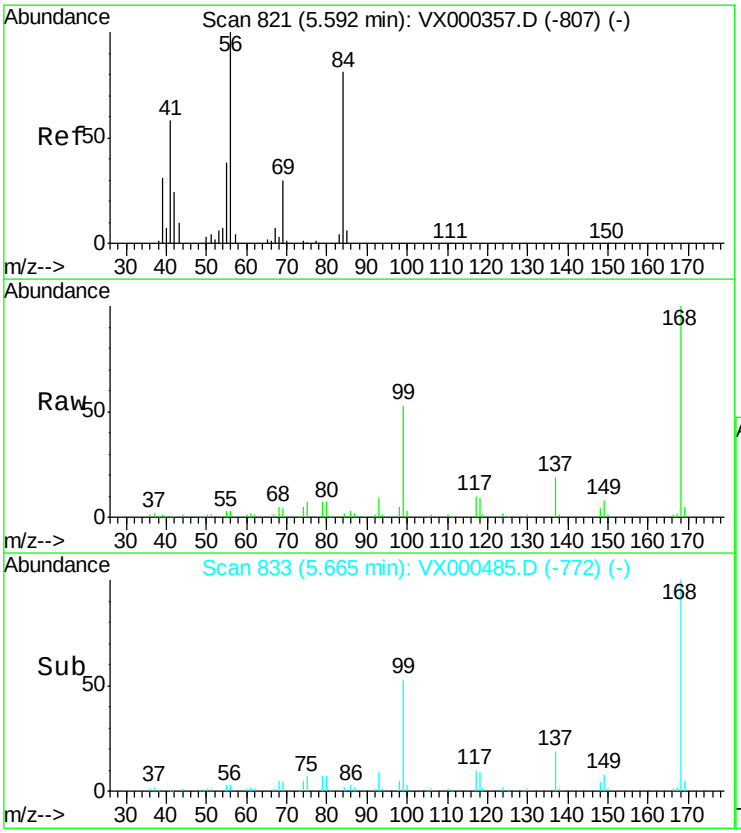
#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Tgt Ion: 42 Resp: 406

Ion	Ratio	Lower	Upper
42	100		
72	5.9	37.9	56.9#
71	22.4	34.4	51.6#

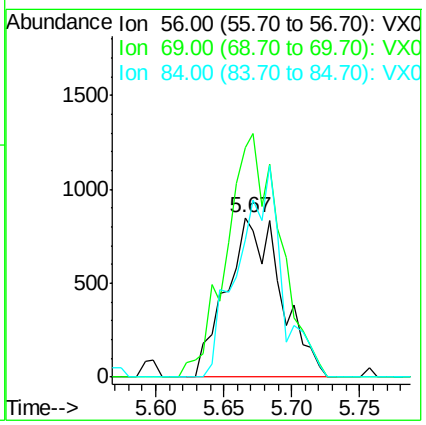


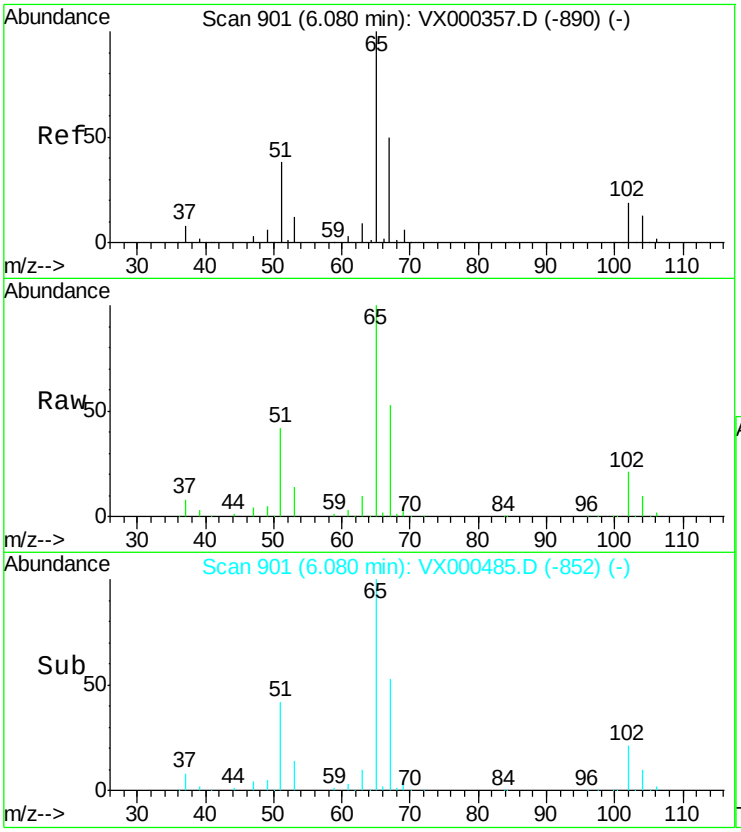


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 56 Resp: 2381

Ion	Ratio	Lower	Upper
56	100		
69	144.3	23.4	35.0#
84	86.3	71.0	106.4



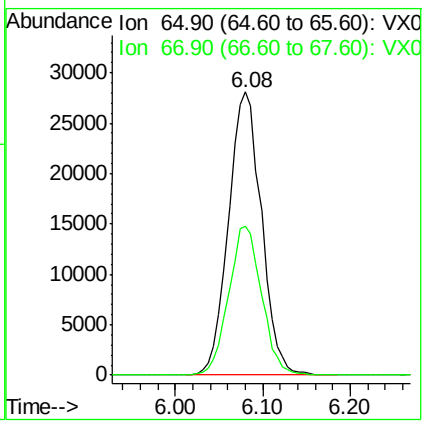


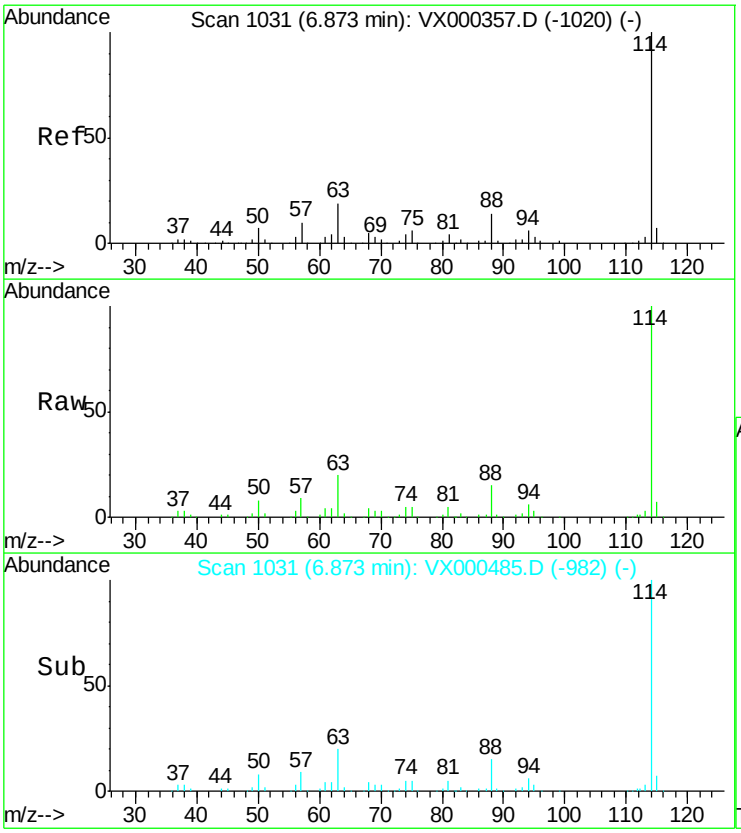
#33
1,2-Dichloroethane-d4
Concen: 55.77 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 65 Resp: 73537

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.2

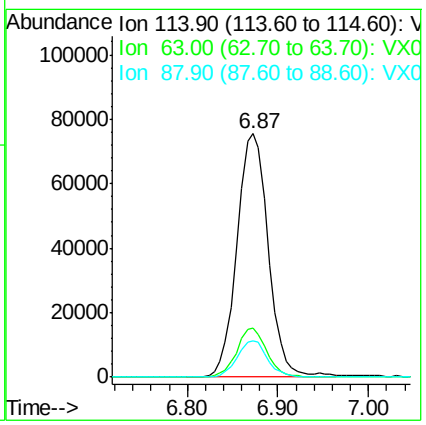


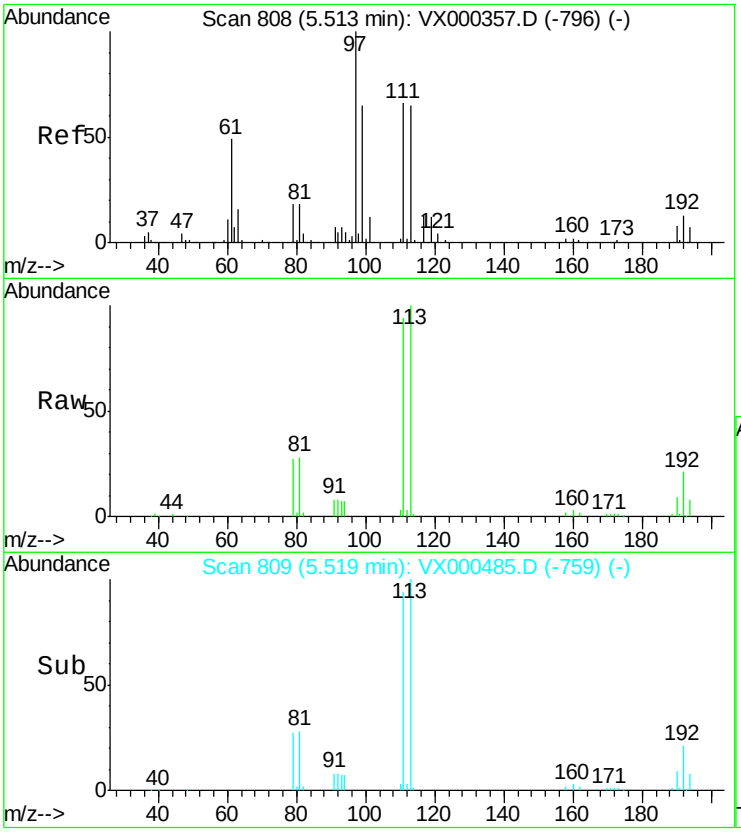


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion:114 Resp: 180484

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	14.8	0.0	27.0



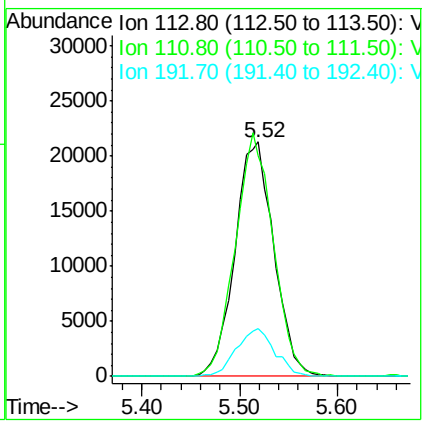


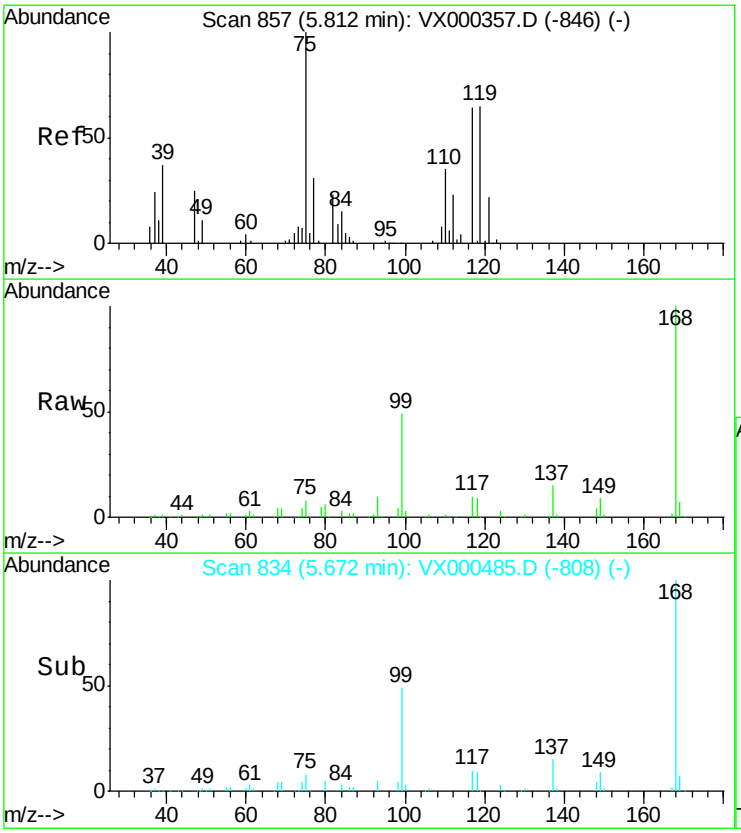
#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion:113 Resp: 58695

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	20.2	15.8	23.6

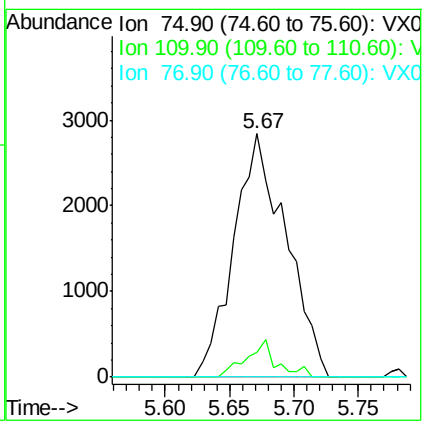


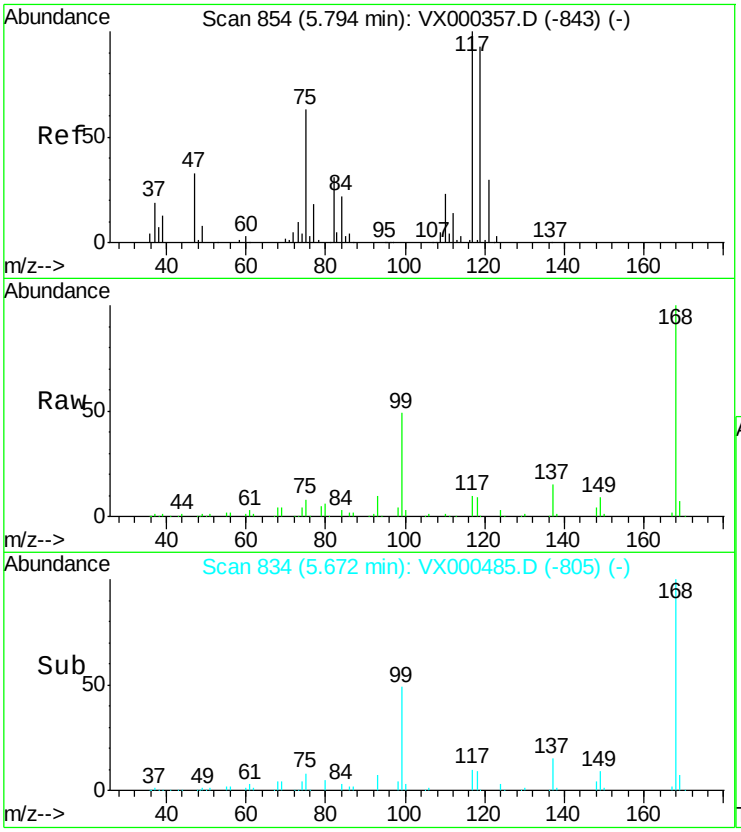


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 75 Resp: 8001

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.7#
77	0.0	24.0	36.0#



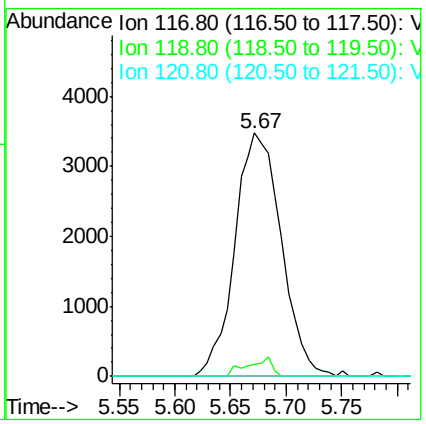


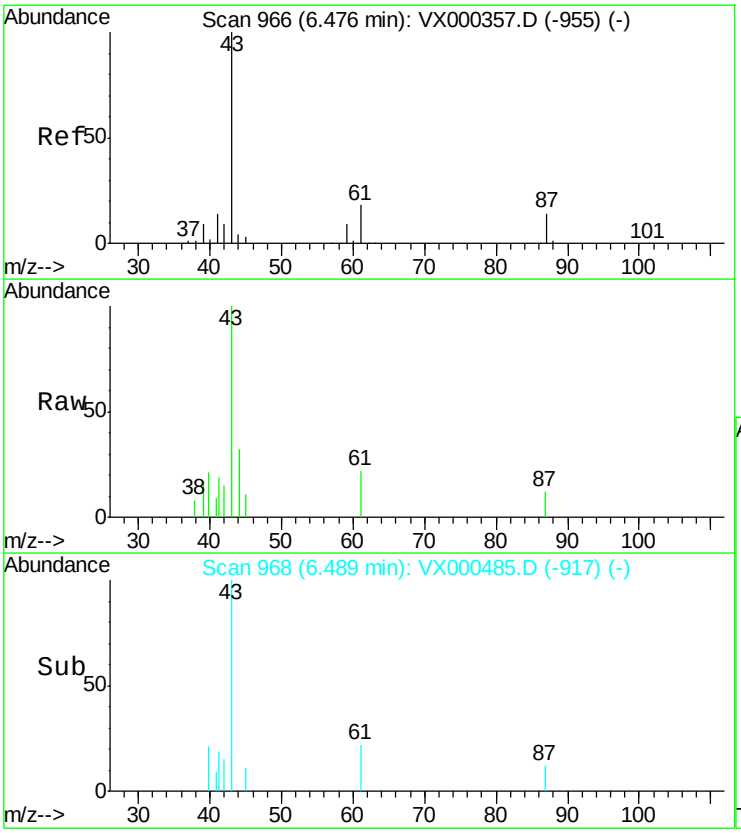
#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion:117 Resp: 10061

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.2#
121	0.0	24.8	37.2#

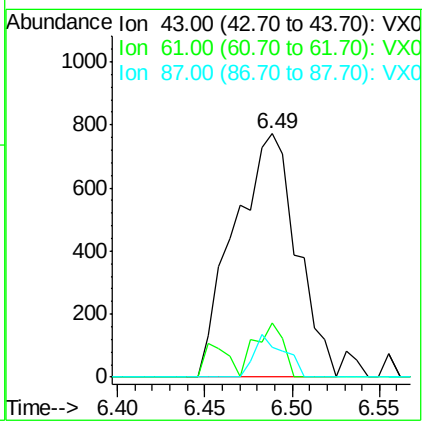


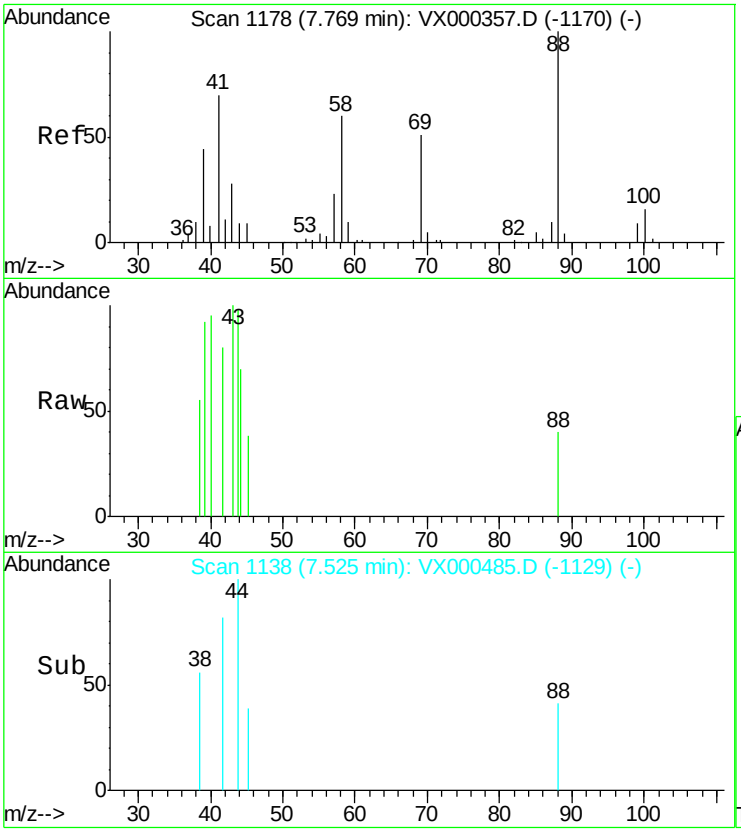


#43
Isopropyl Acetate
Concen: 0.56 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 43 Resp: 1919

Ion	Ratio	Lower	Upper
43	100		
61	10.1	14.4	21.6#
87	8.3	11.0	16.4#



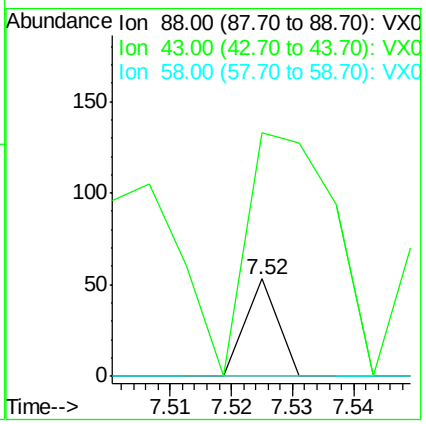


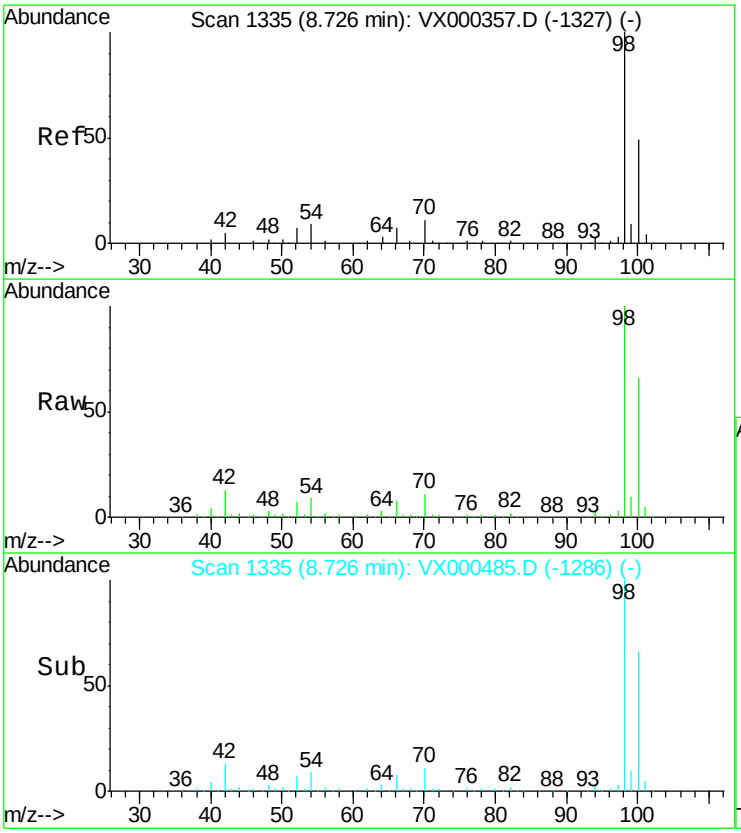
#49
1,4-Dioxane
Concen: 0.54 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.8	40.2#
58	0.0	52.2	78.2#

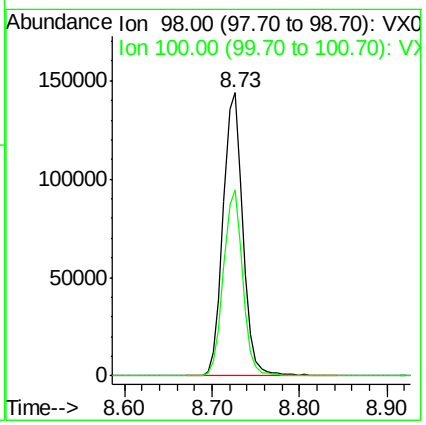


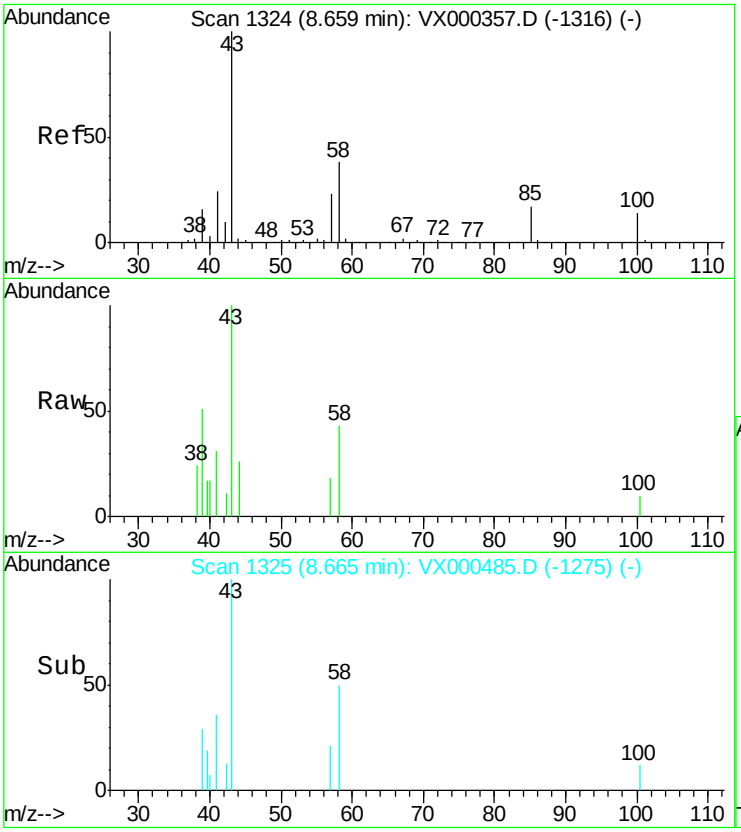


#50
Toluene-d8
Concen: 47.95 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 98 Resp: 225849

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



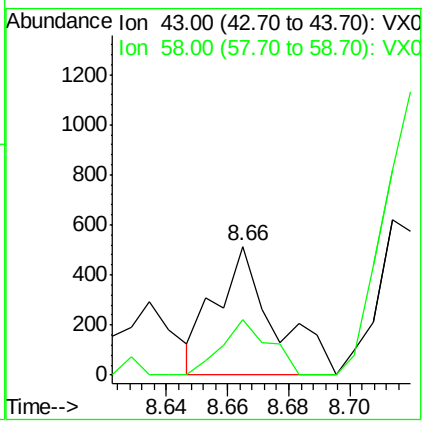


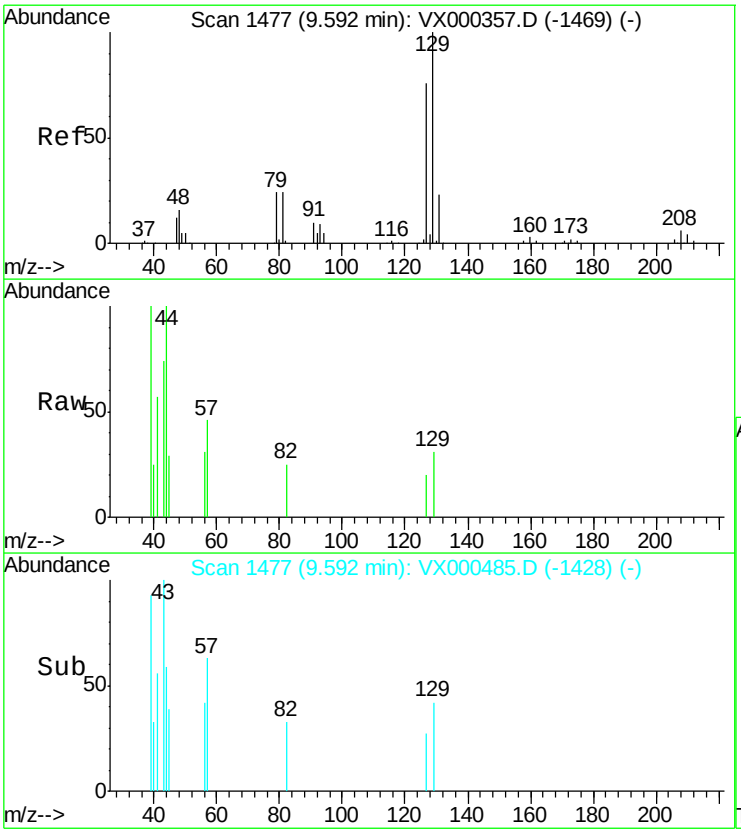
#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Tgt Ion: 43 Resp: 674

Ion	Ratio	Lower	Upper
43	100		
58	35.3	30.3	45.5

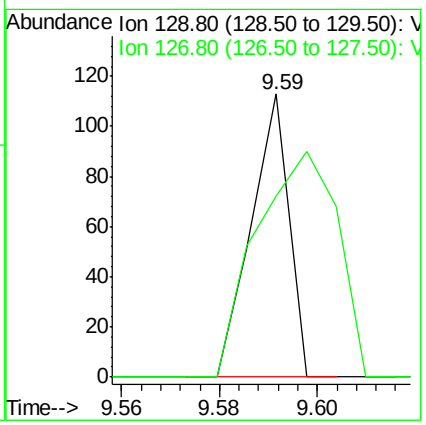


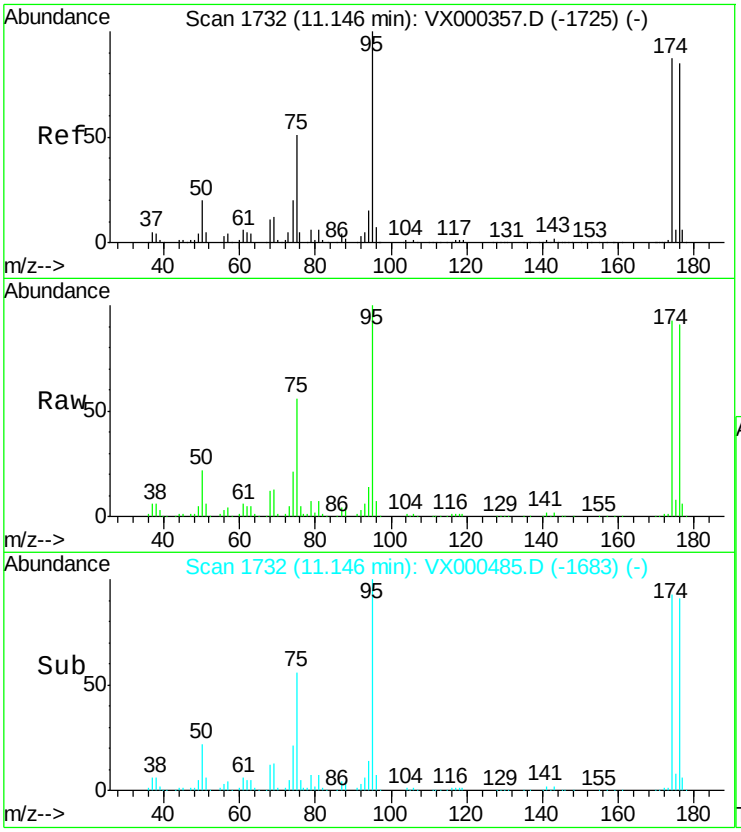


#60
Dibromochloromethane
Concen: 4.15 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion:129 Resp: 60

Ion	Ratio	Lower	Upper
129	100		
127	171.7	37.9	113.6#



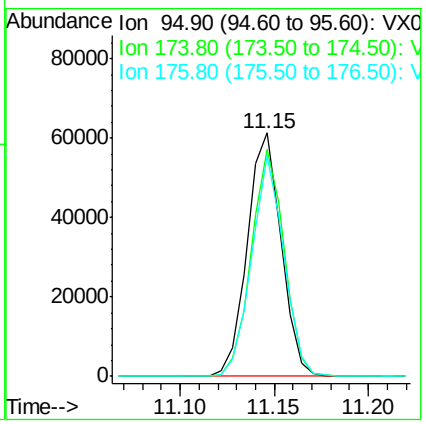


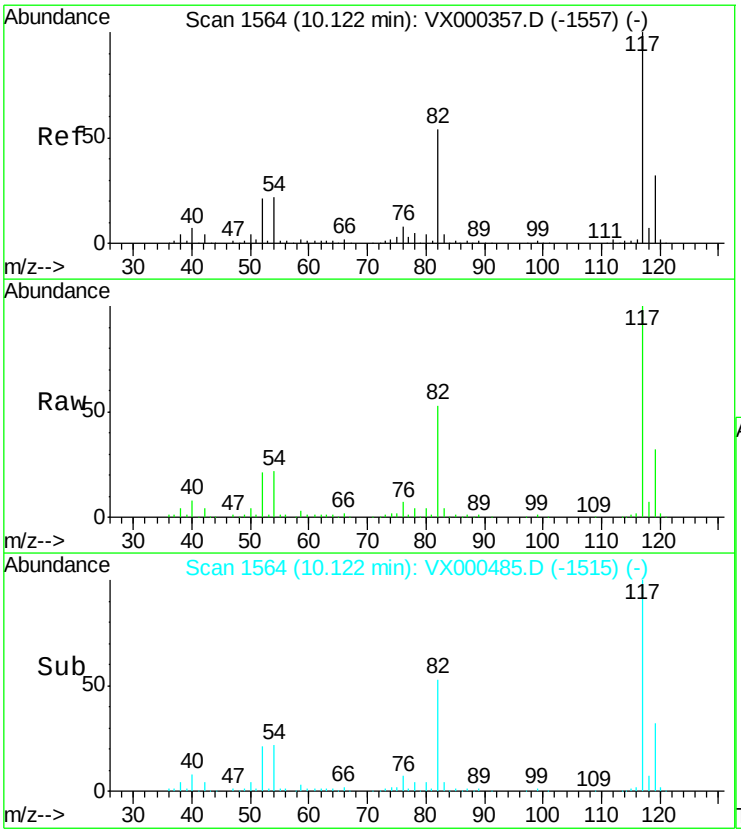
#62
4-Bromofluorobenzene
Concen: 39.73 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 95 Resp: 76186

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	173.6
176	86.4	0.0	164.6

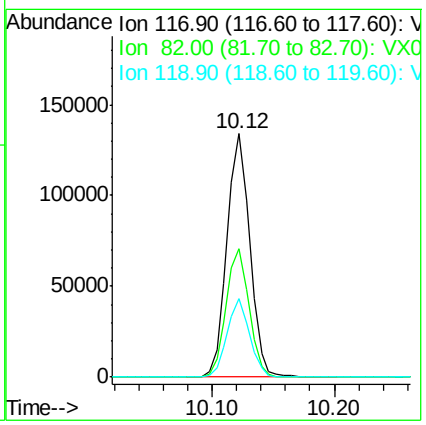


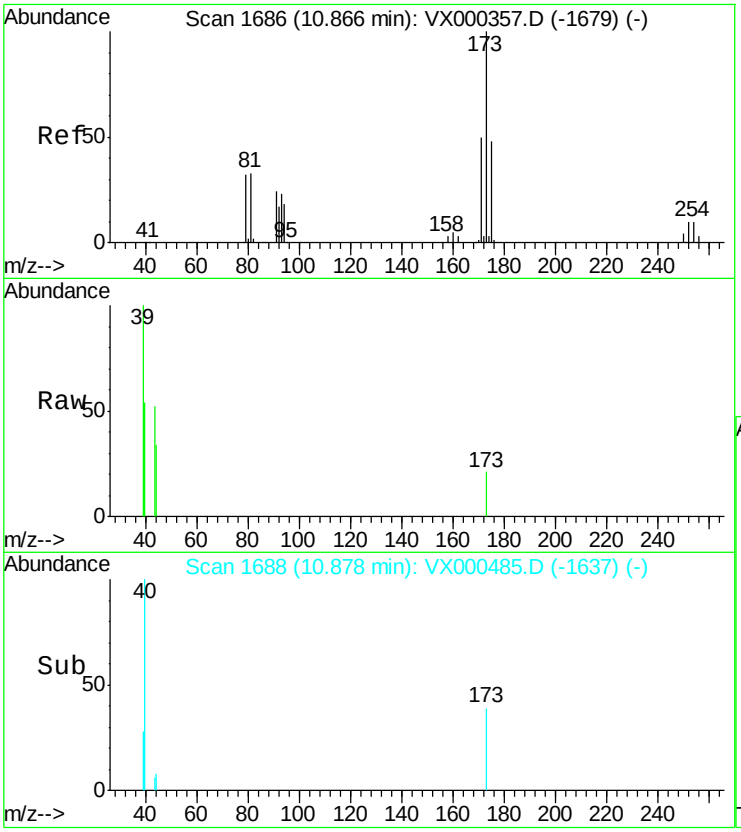


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion:117 Resp: 173017

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.8
119	32.4	24.9	37.3



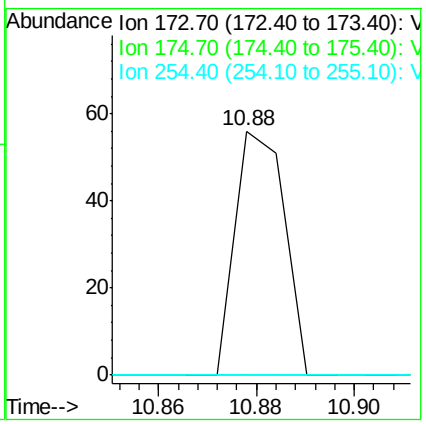


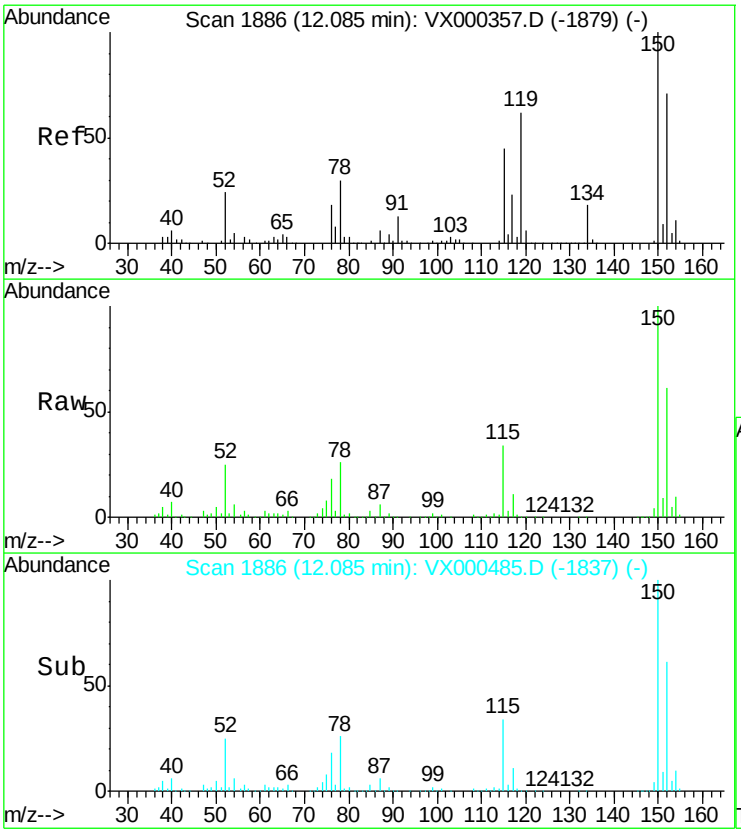
#71
Bromoform
Concen: 4.80 ug/l
RT: 10.88 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-A

Tgt Ion:173 Resp: 39

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.4	76.4#
254	0.0	0.0	0.0

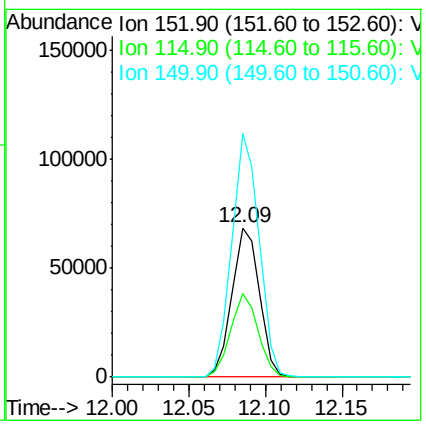


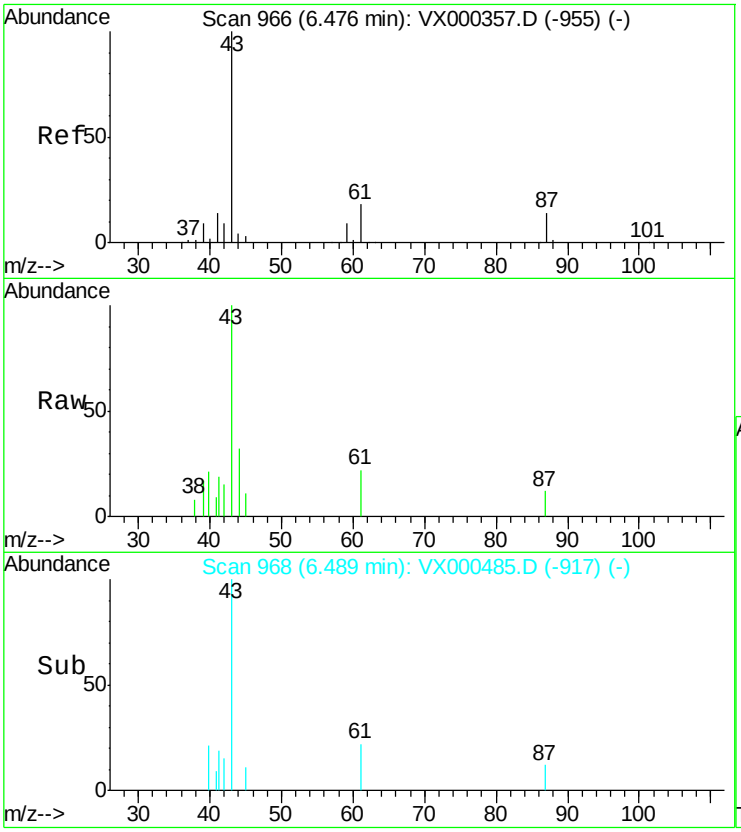


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion:152 Resp: 85492

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.8	119.3
150	161.4	0.0	344.4



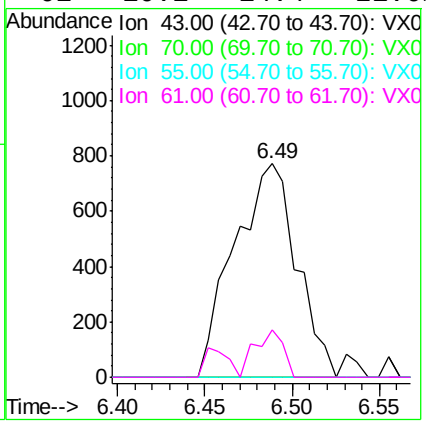


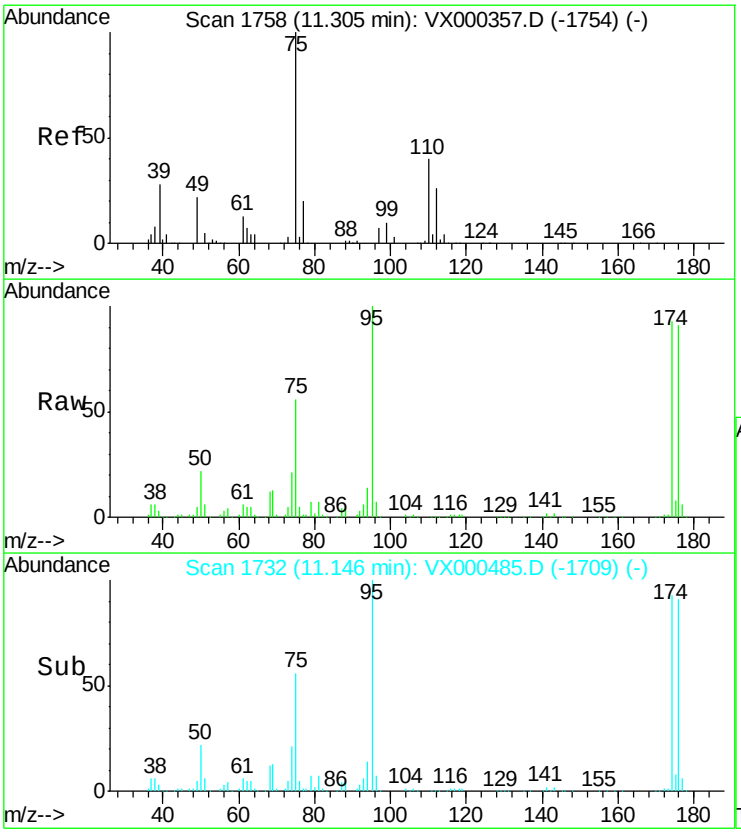
#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 43 Resp: 1919

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	10.1	14.4	21.6#

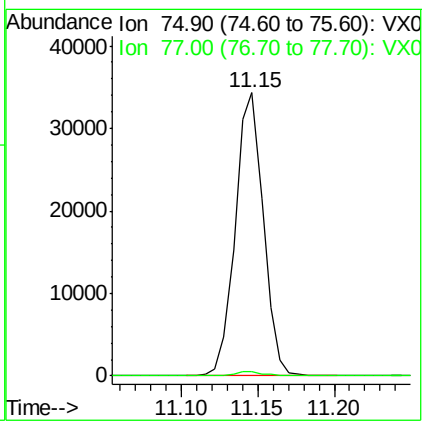


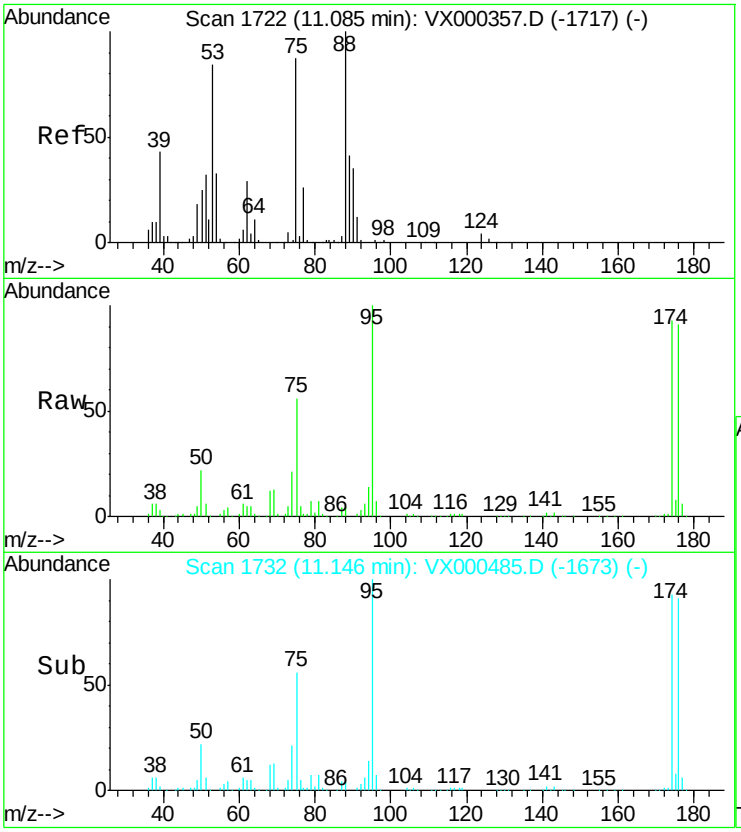


#76
1,2,3-Trichloropropane
Concen: 23.64 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion: 75 Resp: 43437

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.2#



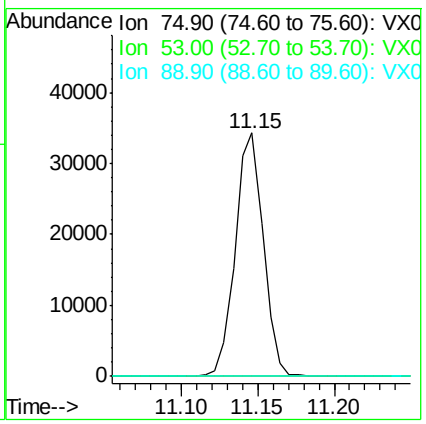


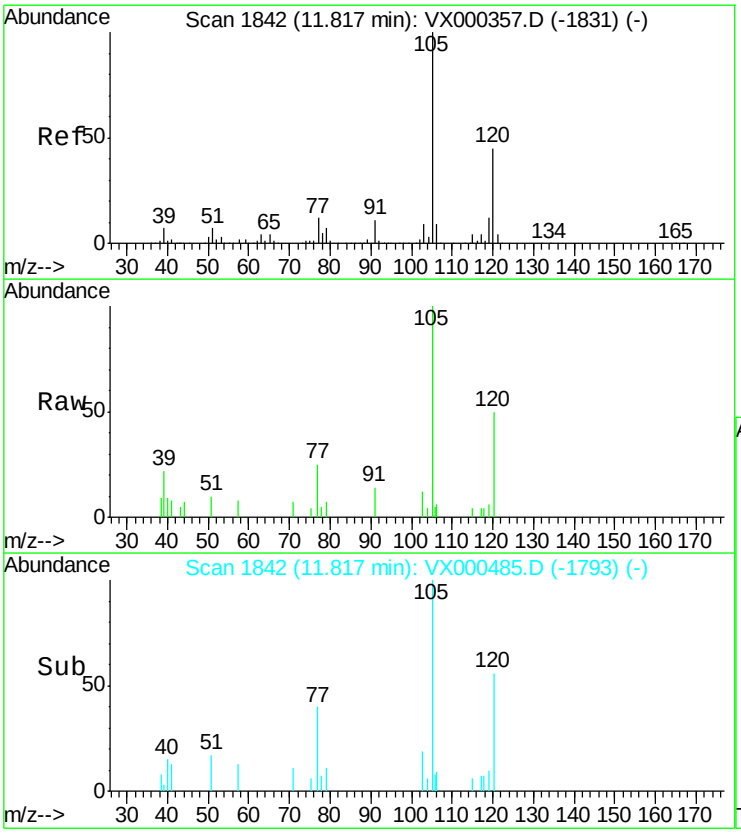
#81
trans-1,4-Dichloro-2-butene
Concen: 76.54 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion: 75 Resp: 43437

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

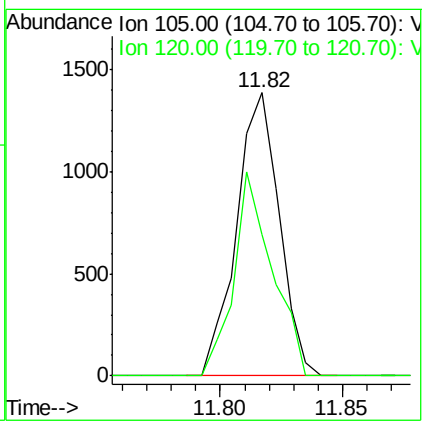


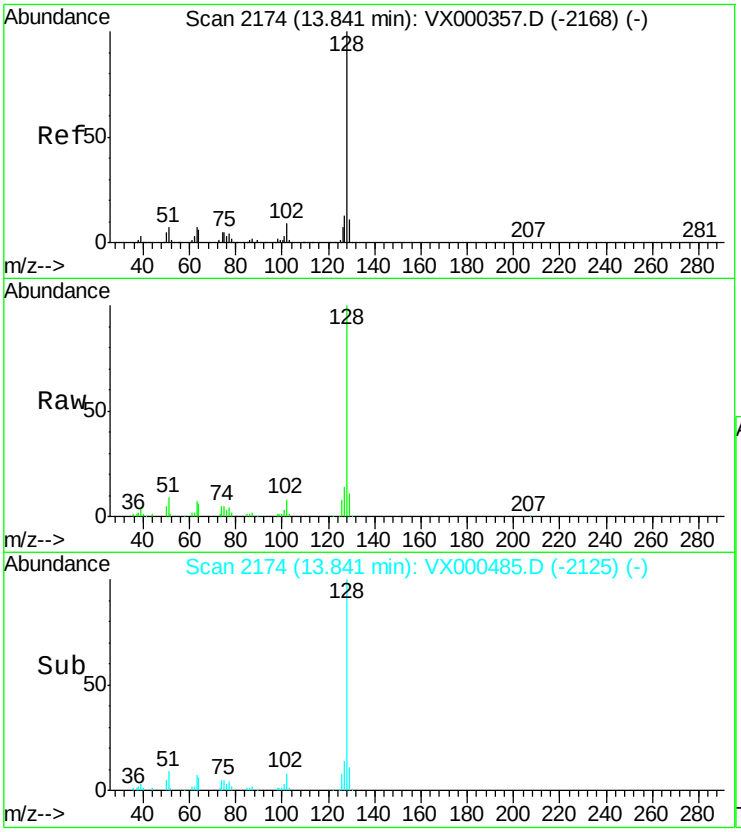


#84
1,2,4-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Tgt Ion:105 Resp: 1691

Ion	Ratio	Lower	Upper
105	100		
120	64.4	22.4	67.3





#95
Naphthalene
Concen: 3.17 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000485.D
Acq: 28 Mar 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-A

Tgt Ion:128 Resp: 22123

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