Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003183.D
Acq On : 05 Jul 2018 20:07
Operator : JC/MD
Sample : J3843-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 06 01:05:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	273552	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	376424	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	349437	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202385	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	174880	46.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.50%				
35) Dibromofluoromethane	5.51	113	144241	48.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.78%				
50) Toluene-d8	8.72	98	530918	48.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.54%				
62) 4-Bromofluorobenzene	11.14	95	189325	45.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	21	Below Cal		#	43
3) Chloromethane	1.32	50	943	Below Cal			92
5) Bromomethane	1.65	94	1525	Below Cal			91
6) Chloroethane	1.71	64	867	Below Cal		#	43
10) Methyl Iodide	2.52	142	1983	6.79	ug/l	#	90
11) Tert butyl alcohol	3.07	59	1705	2.26	ug/l	#	81
13) Acrolein	2.29	56	391	5.15	ug/l	#	80
16) Acetone	2.45	43	13359	8.53	ug/l		97
17) Carbon Disulfide	2.57	76	1463	0.20	ug/l	#	92
18) Methyl Acetate	2.78	43	23269	5.32	ug/l		100
20) Methylene Chloride	2.86	84	17857	5.86	ug/l		95
25) 2-Butanone	4.72	43	6135	2.64	ug/l		93
29) Tetrahydrofuran	5.18	42	1650	1.11	ug/l		96
30) Chloroform	5.23	83	9633	1.70	ug/l		99
36) 1,1-Dichloropropene	5.67	75	17603	4.26	ug/l	#	51
37) Ethyl Acetate	4.72	43	6135	1.38	ug/l	#	72
38) Carbon Tetrachloride	5.67	117	24294	5.36	ug/l	#	17
47) Bromodichloromethane	7.90	83	3978	0.97	ug/l	#	94
48) Methyl methacrylate	7.73	41	2910	0.76	ug/l	#	21
49) 1,4-Dioxane	7.77	88	110	1.47	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	1340	0.29	ug/l		90
59) 2-Hexanone	9.51	43	1281	0.36	ug/l		91
60) Dibromochloromethane	9.59	129	1370	0.41	ug/l		94
65) Chlorobenzene	10.14	112	1952	0.22	ug/l	#	79
71) Bromoform	10.85	173	202	3.97	ug/l	#	28
76) 1,2,3-Trichloropropane	11.14	75	95159	25.96	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	95159	73.61	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	2584	0.22	ug/l		99
95) Naphthalene	13.83	128	38690	2.79	ug/l		98

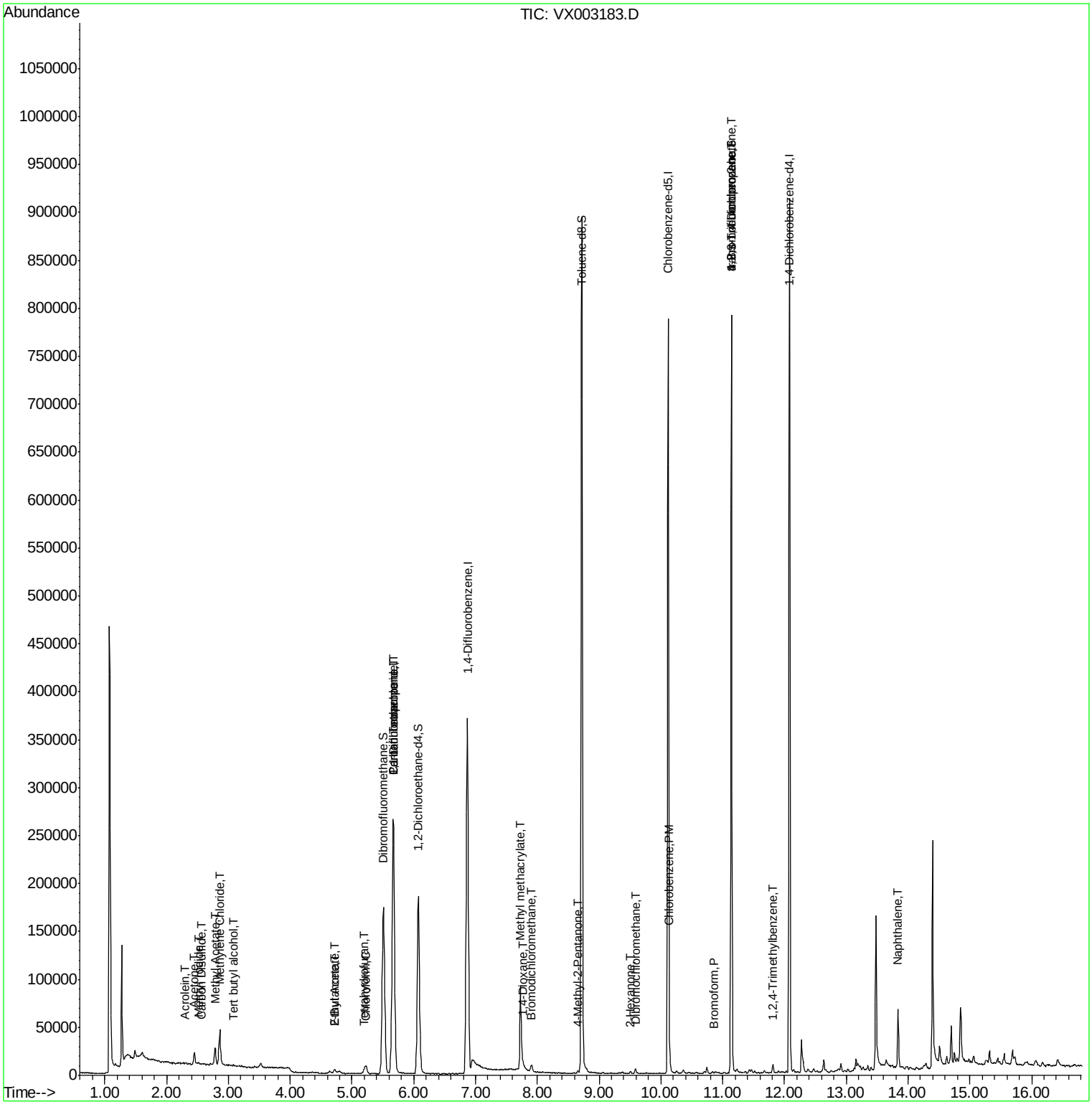
(#) = qualifier out of range (m) = manual integration (+) = signals summed

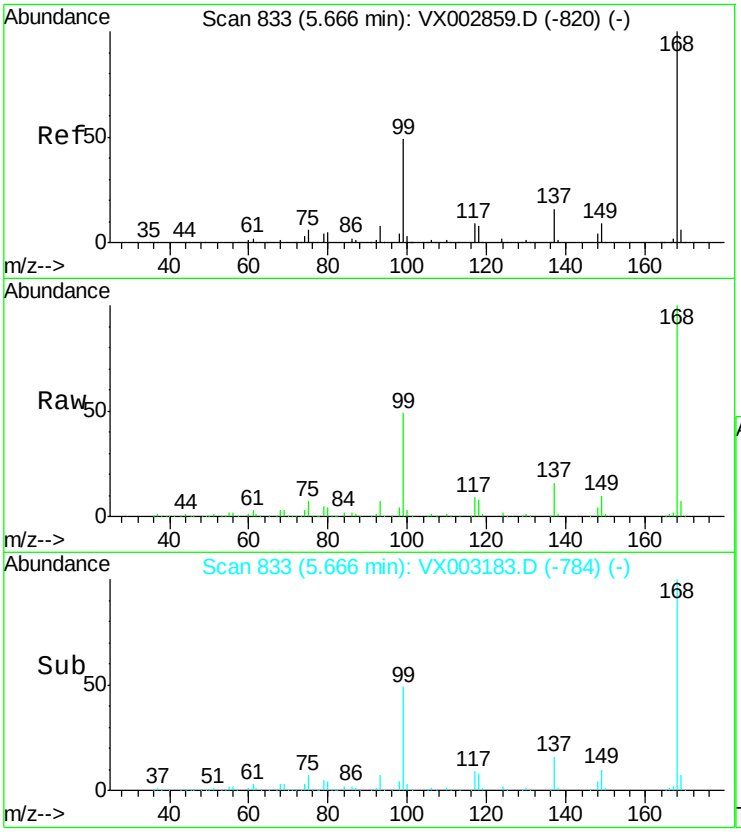
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003183.D
Acq On : 05 Jul 2018 20:07
Operator : JC/MD
Sample : J3843-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 06 01:05:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



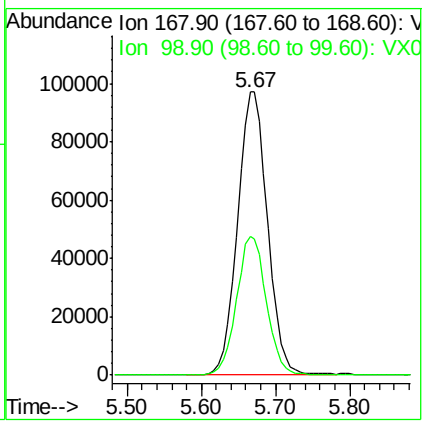


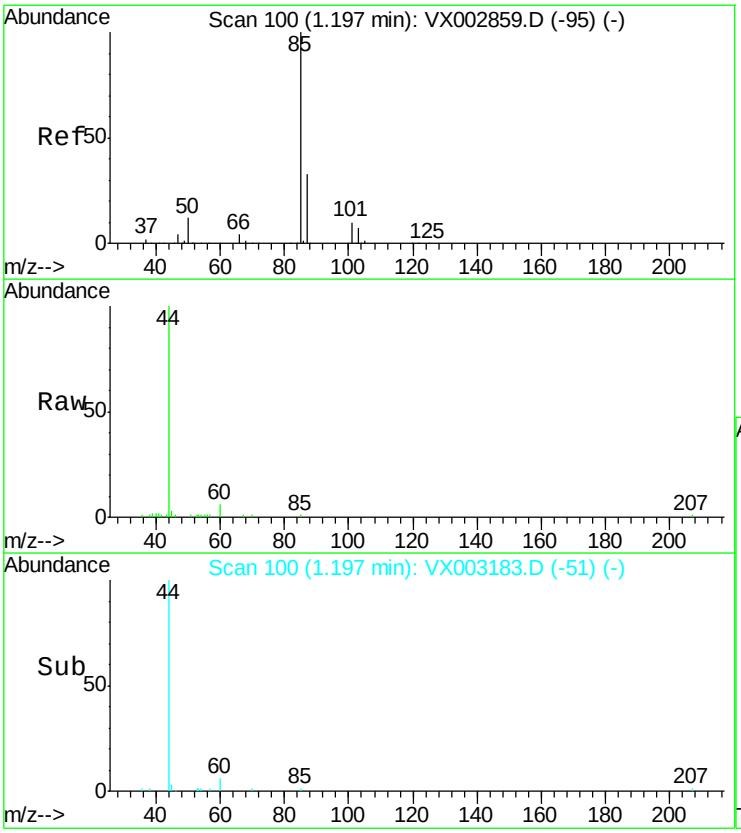
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 273552

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

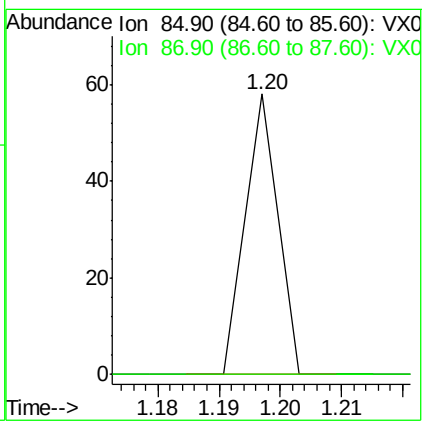


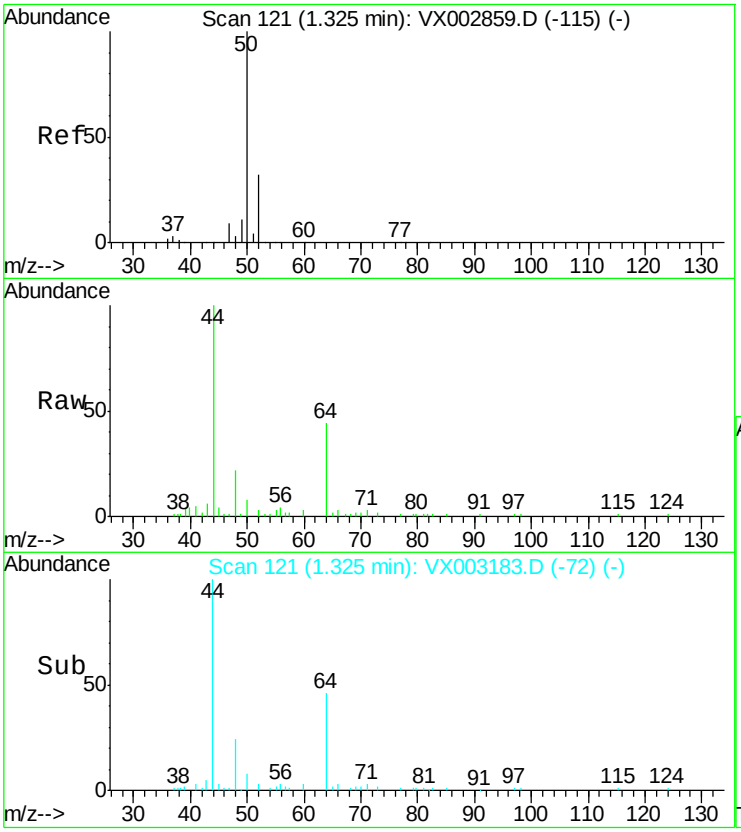


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 85 Resp: 21

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



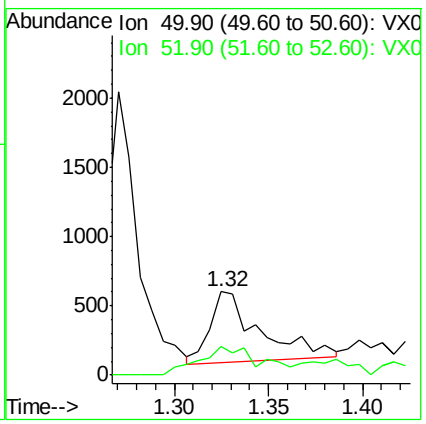


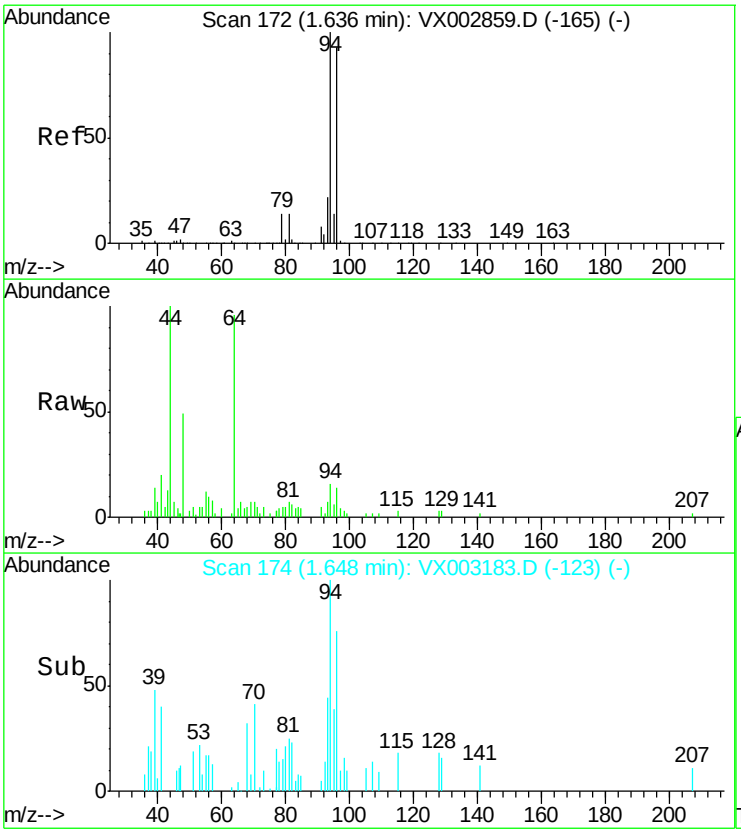
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 943

Ion	Ratio	Lower	Upper
50	100		
52	27.6	25.7	38.5

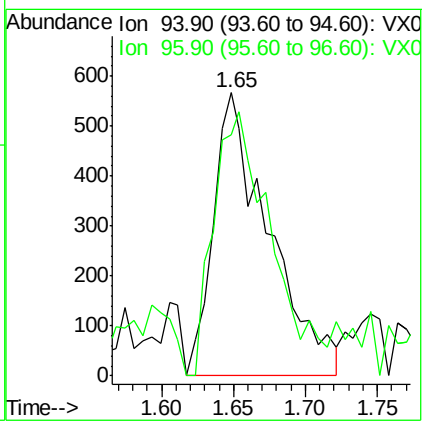


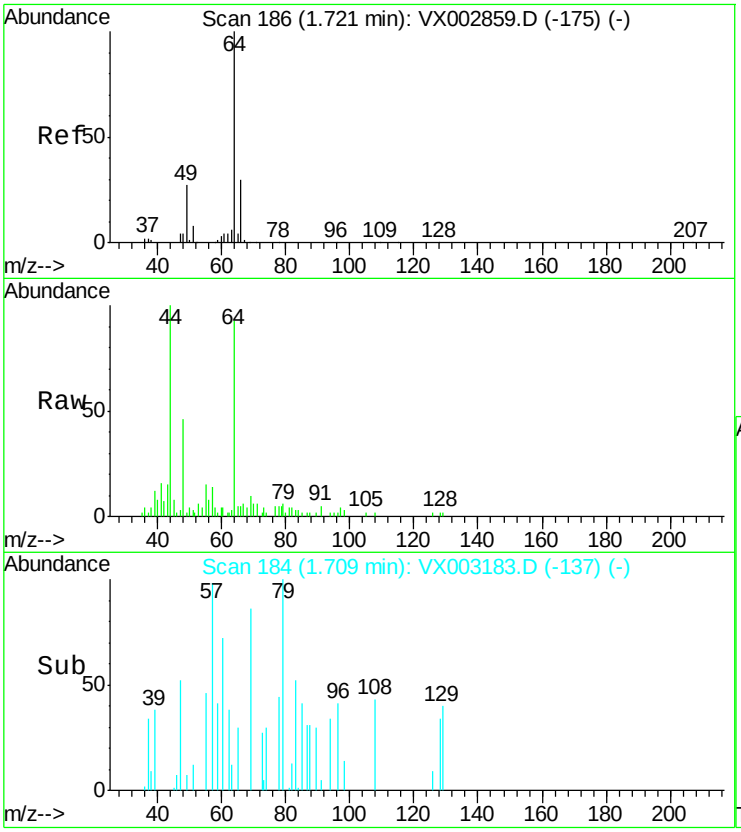


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 94 Resp: 1525

Ion	Ratio	Lower	Upper
94	100		
96	85.2	74.9	112.3



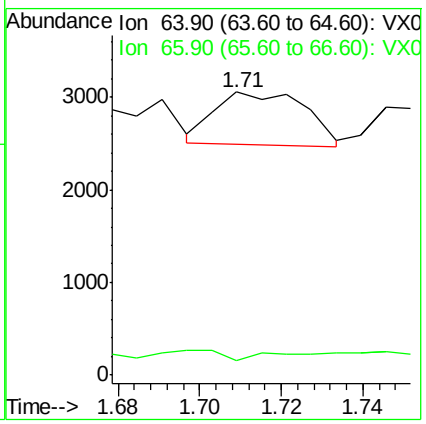


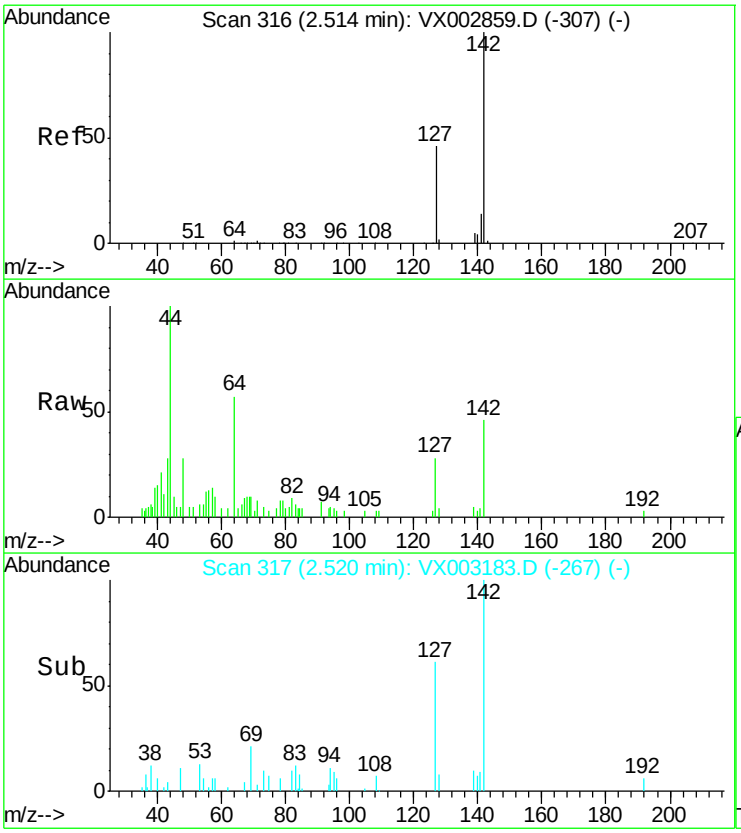
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 867

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

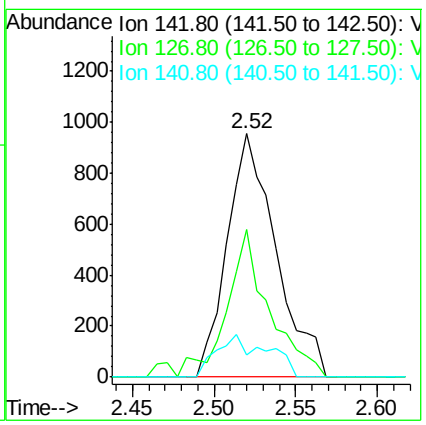


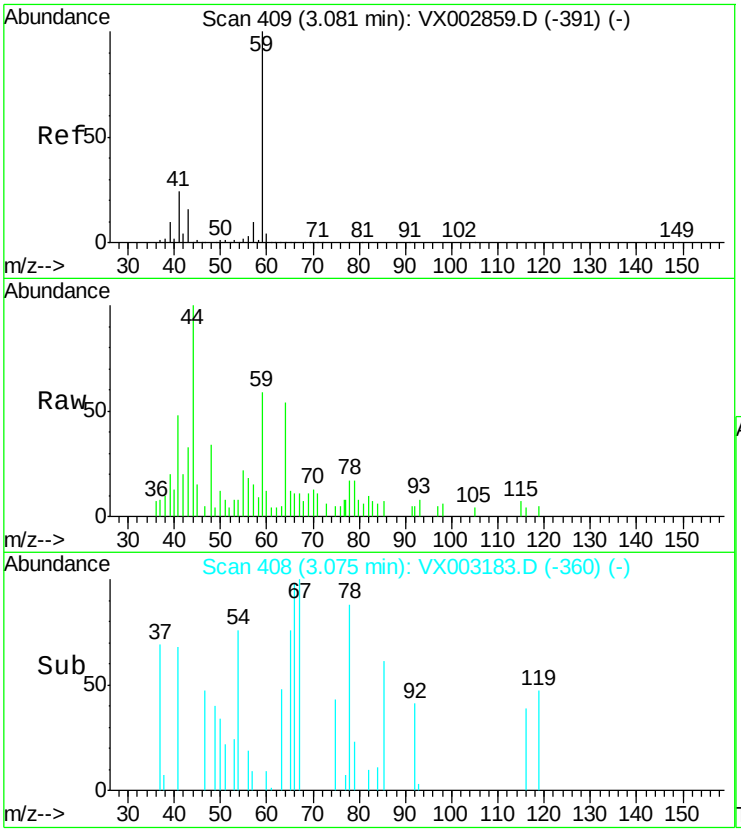


#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:142 Resp: 1983

Ion	Ratio	Lower	Upper
142	100		
127	52.1	36.6	55.0
141	18.0	11.3	16.9#



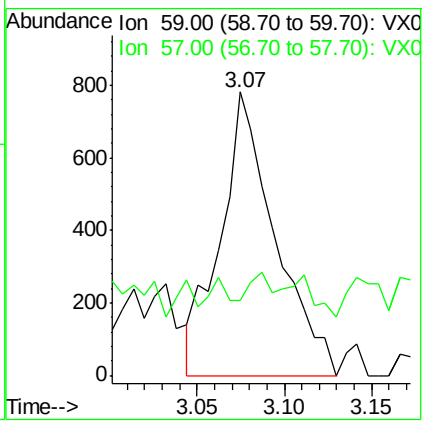


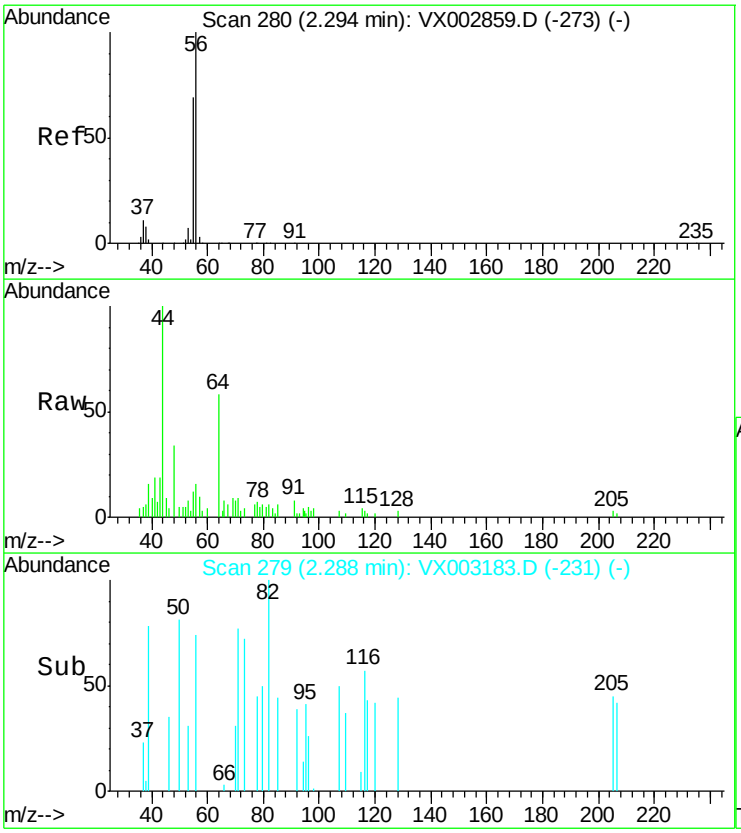
#11
Tert butyl alcohol
Concen: 2.26 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1705

Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.2	12.2#

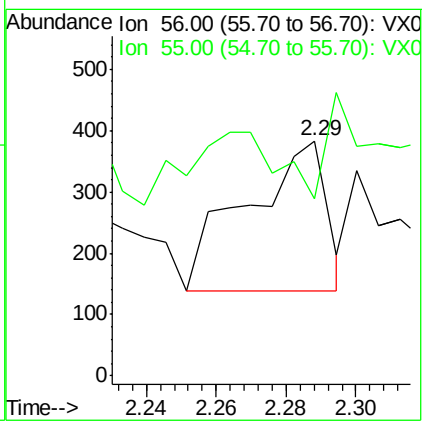


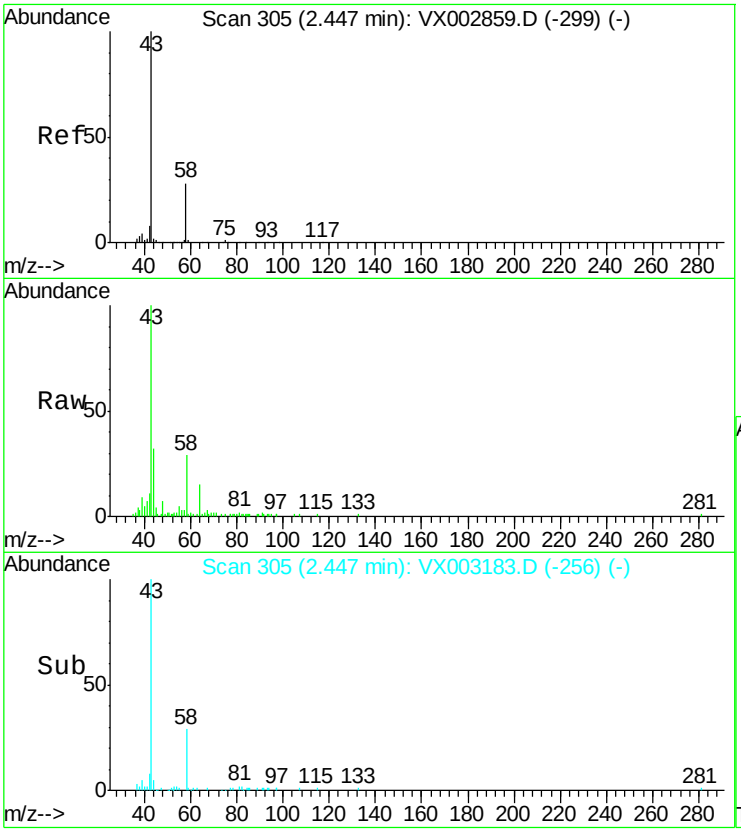


#13
Acrolein
Concen: 5.15 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 56 Resp: 391

Ion	Ratio	Lower	Upper
56	100		
55	54.5	57.0	85.4#



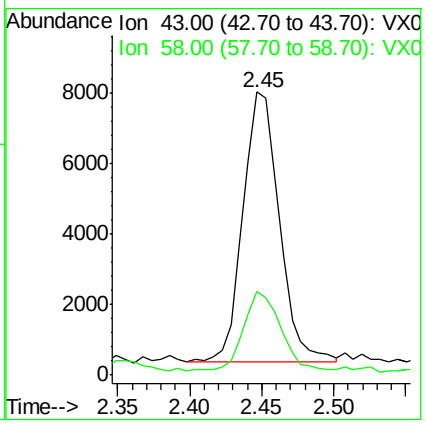


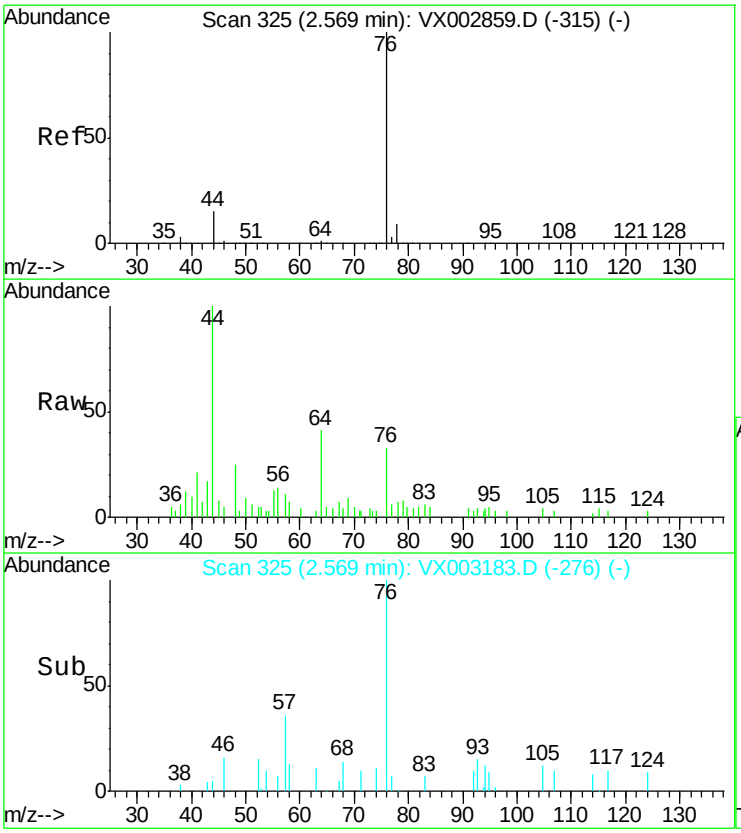
#16
Acetone
Concen: 8.53 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13359

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1

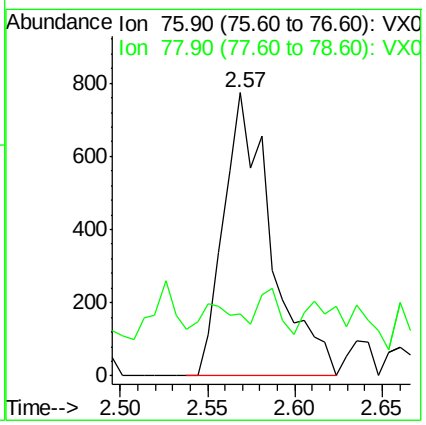


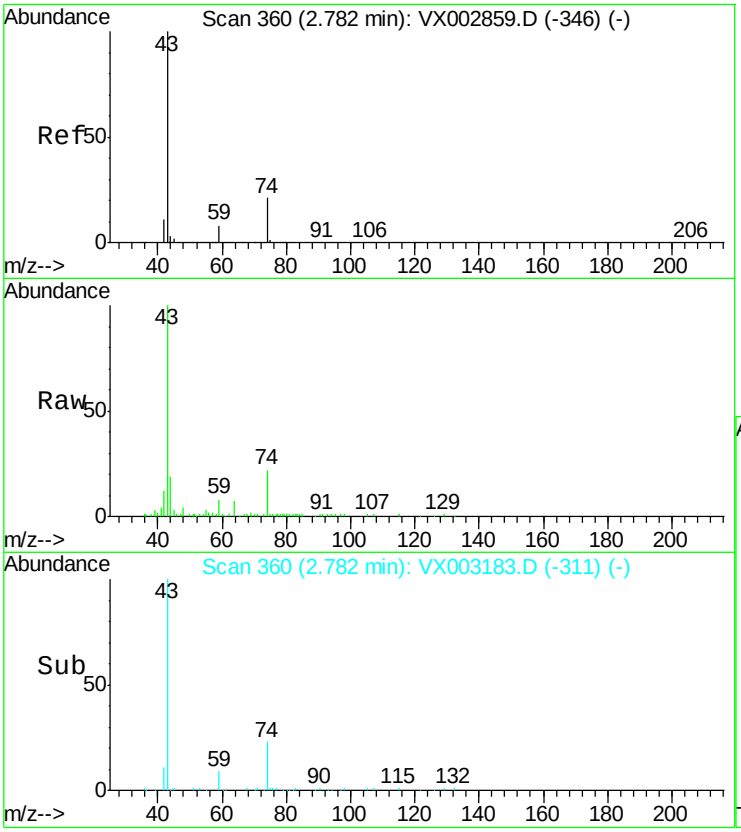


#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 76 Resp: 1463

Ion	Ratio	Lower	Upper
76	100		
78	5.6	6.9	10.3#



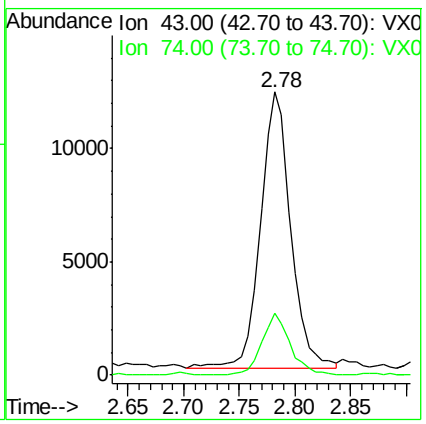


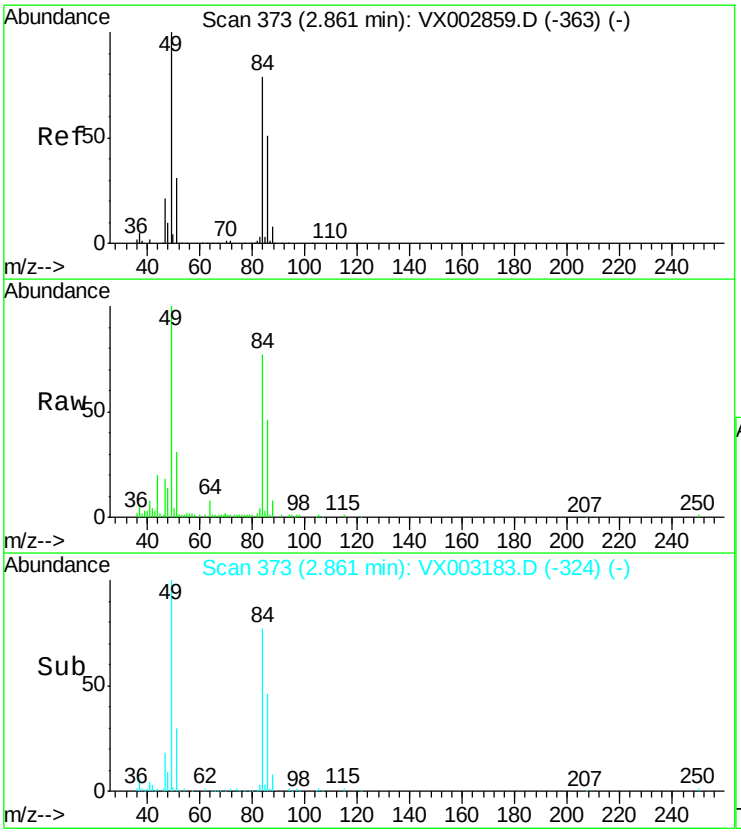
#18
Methyl Acetate
Concen: 5.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23269

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.7	25.1

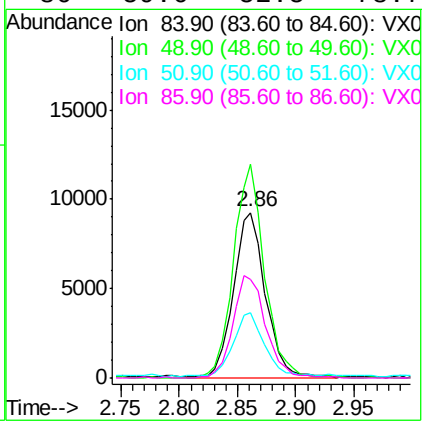


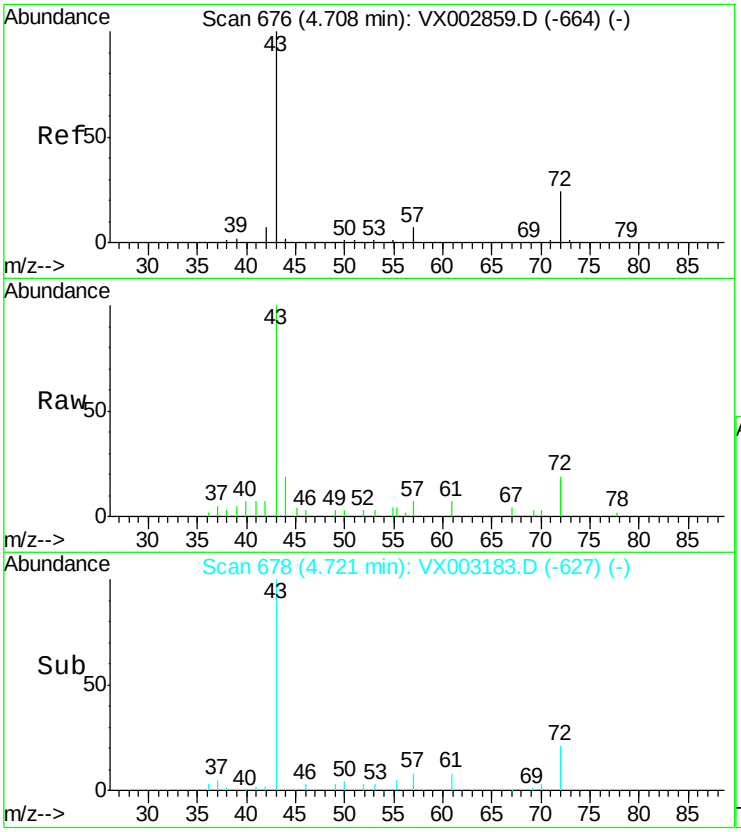


#20
Methylene Chloride
Concen: 5.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 84 Resp: 17857

Ion	Ratio	Lower	Upper
84	100		
49	129.4	107.8	161.6
51	38.2	32.8	49.2
86	59.6	52.5	78.7



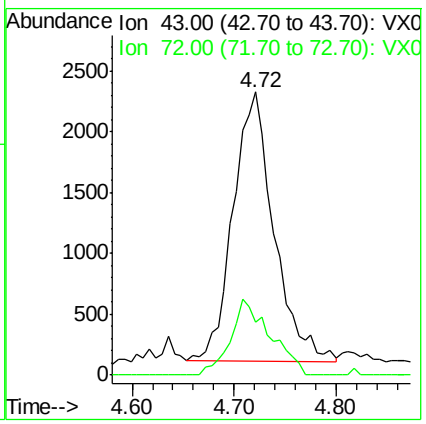


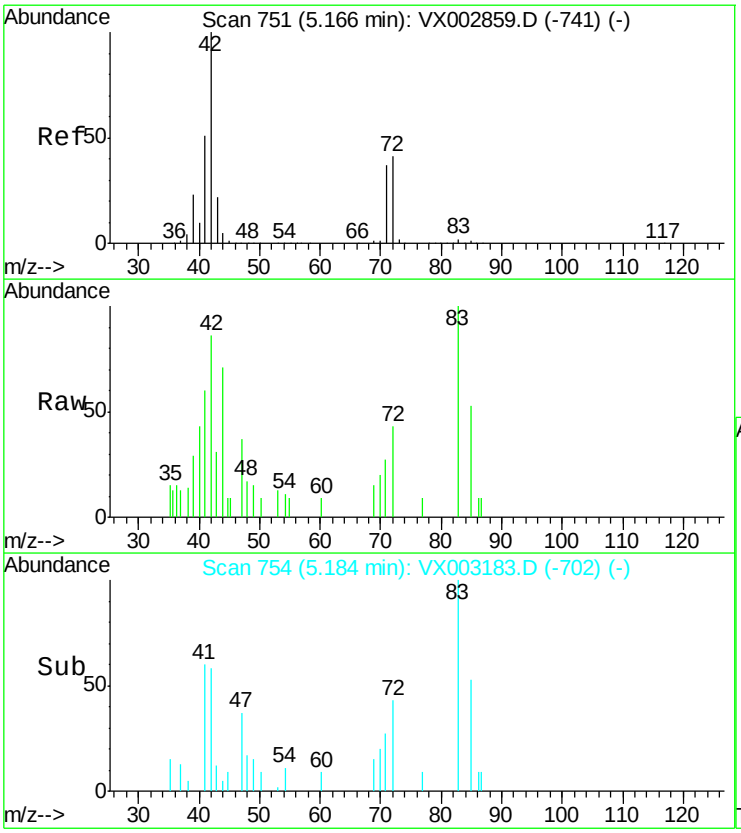
#25
2-Butanone
Concen: 2.64 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
72	19.5	18.5	27.7

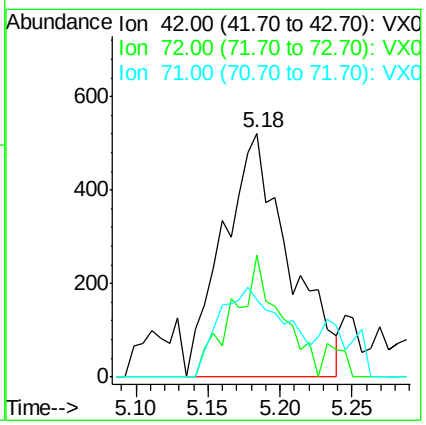


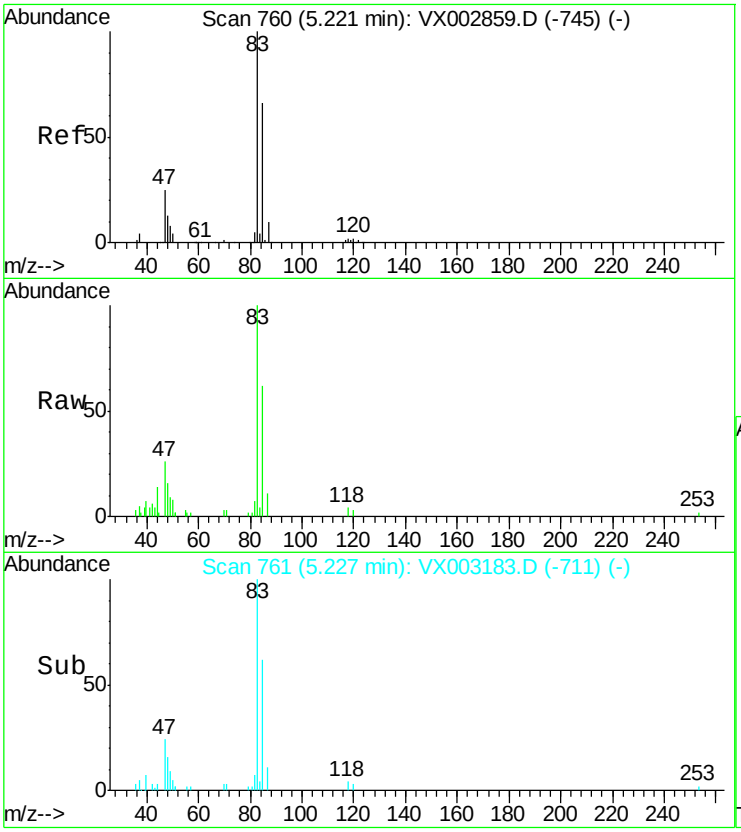


#29
Tetrahydrofuran
Concen: 1.11 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 42 Resp: 1650

Ion	Ratio	Lower	Upper
42	100		
72	36.1	32.0	48.0
71	36.9	30.1	45.1



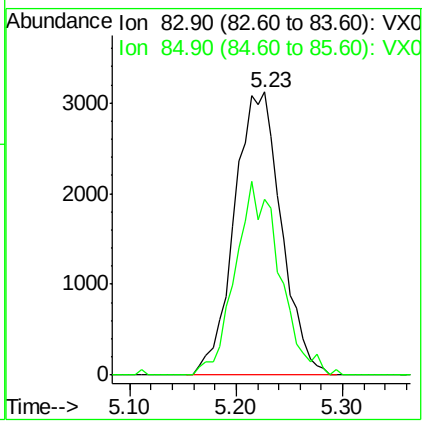


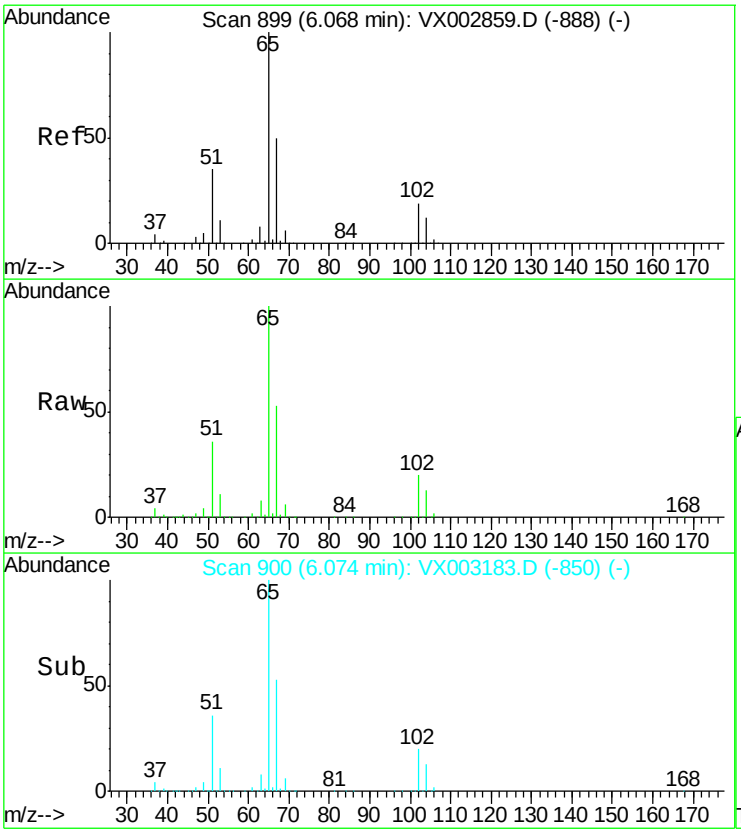
#30
Chloroform
Concen: 1.70 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 9633

Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.4	75.6

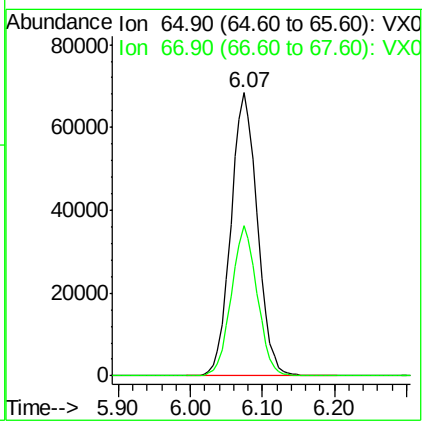


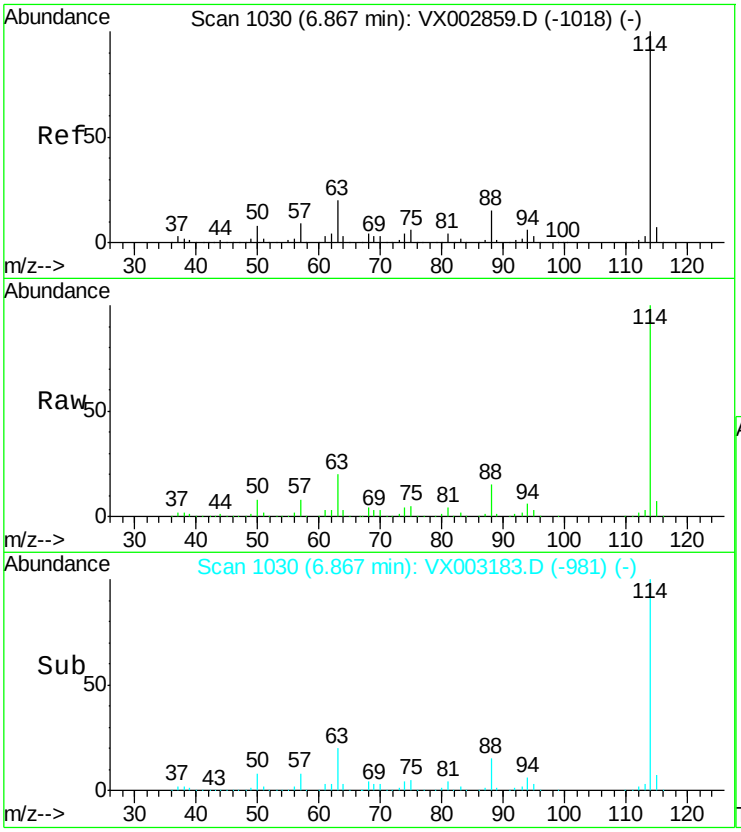


#33
1,2-Dichloroethane-d4
Concen: 46.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 65 Resp: 174880

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6



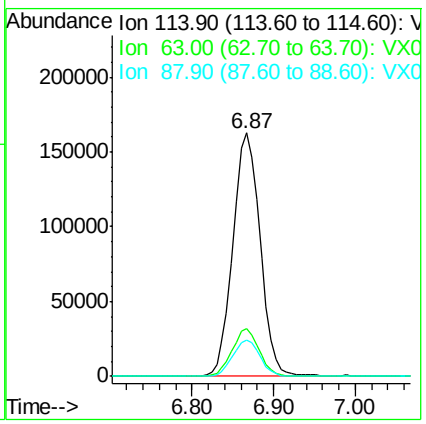


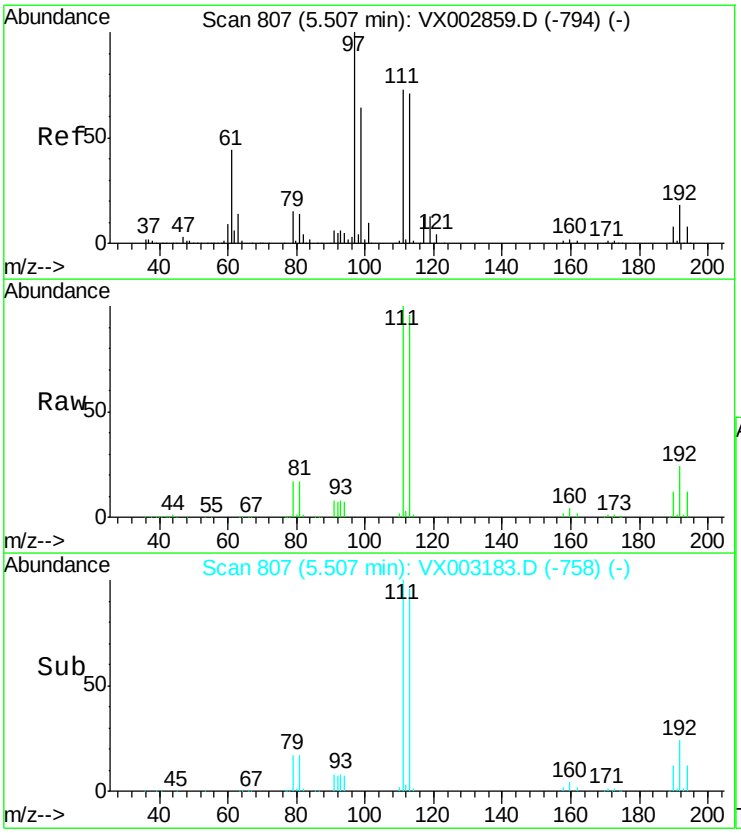
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 376424

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	14.9	0.0	30.0

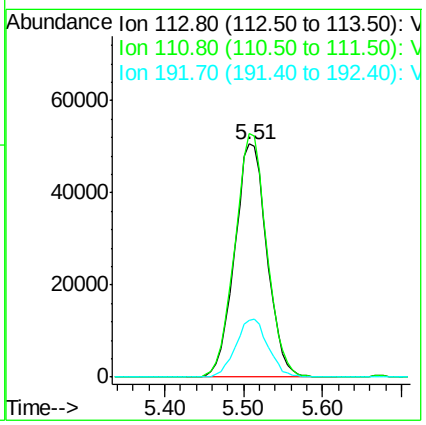


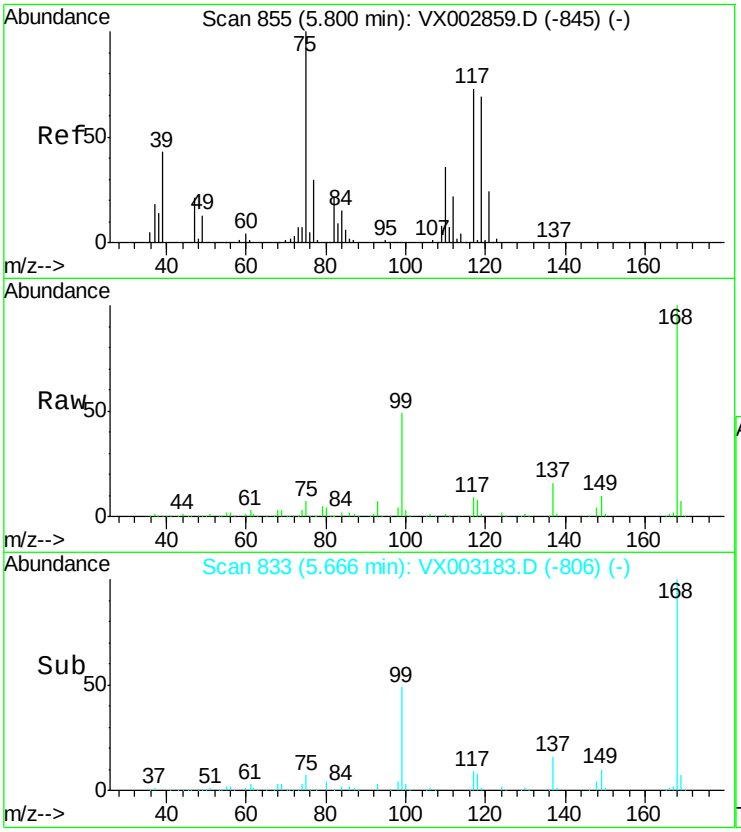


#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:113 Resp: 144241

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.8	19.1	28.7



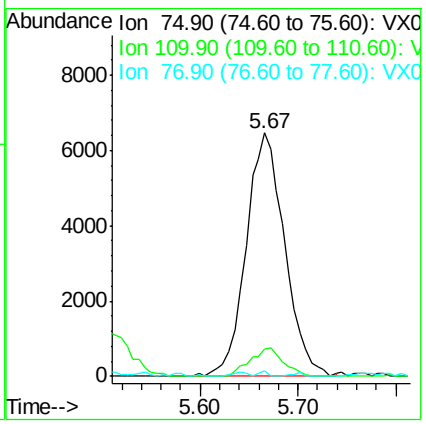


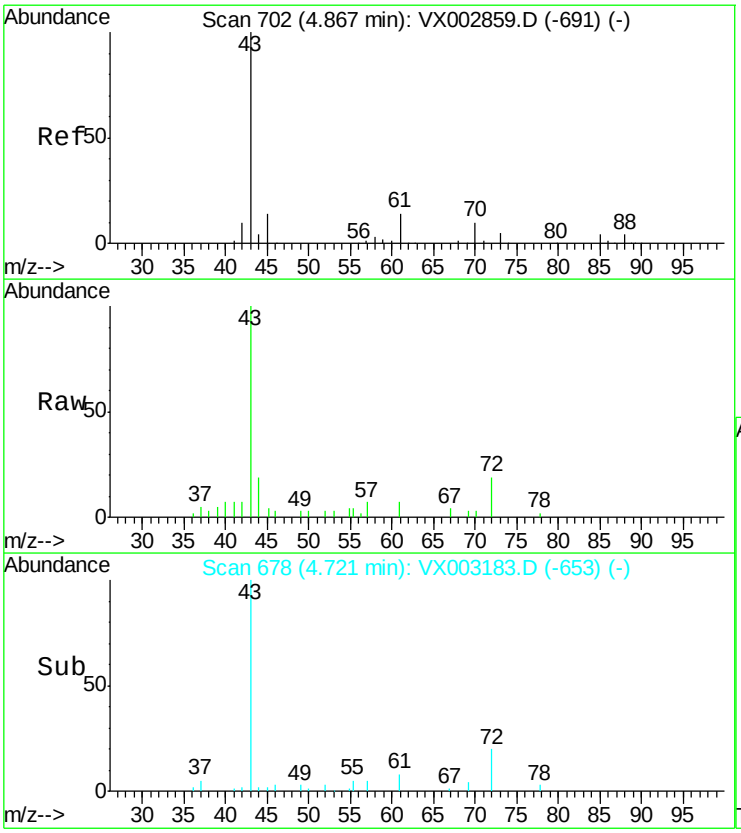
#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17603

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.5	24.3	36.5#

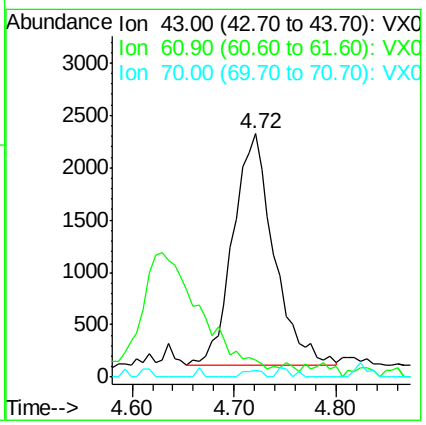


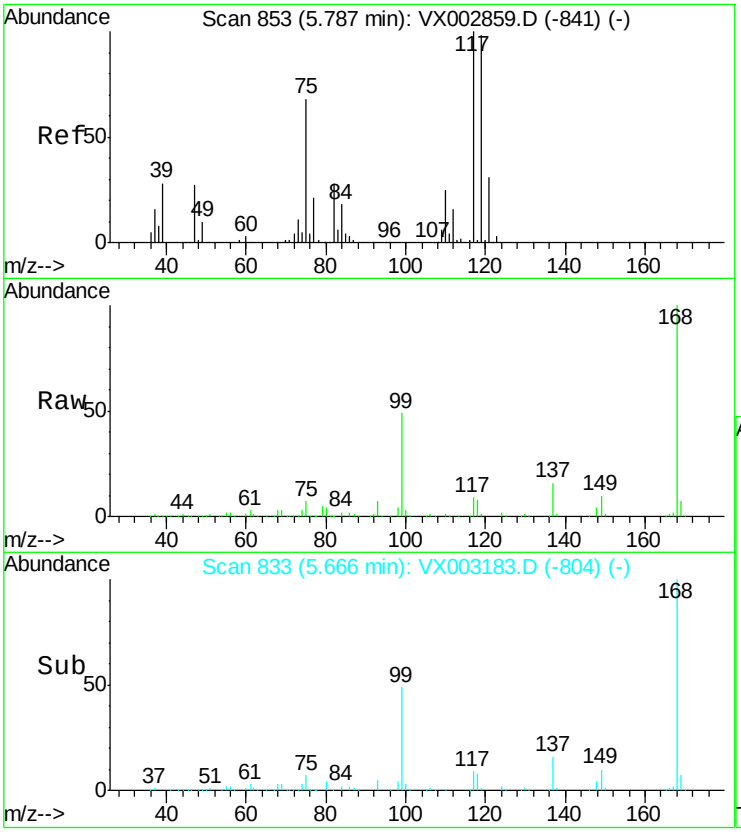


#37
Ethyl Acetate
Concen: 1.38 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	1.4	7.6	11.4#



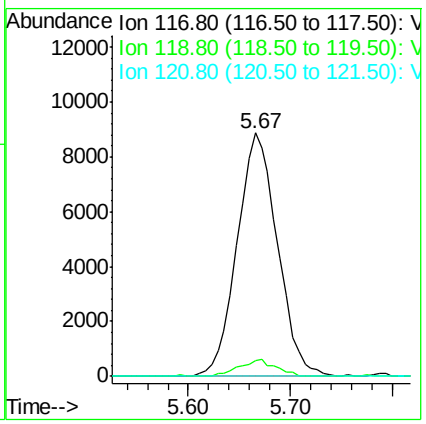


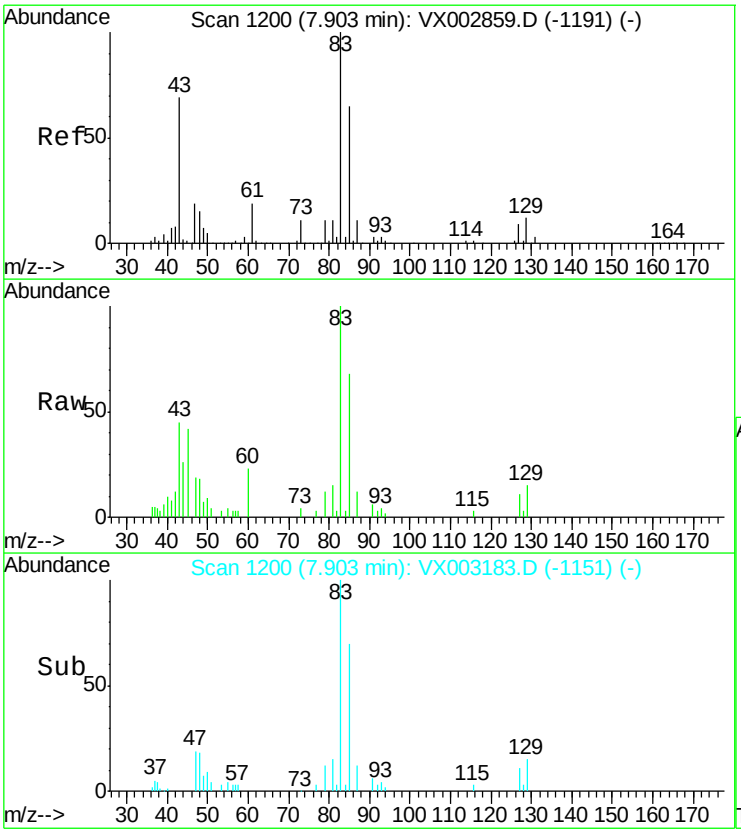
#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 24294

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	24.4	36.6#

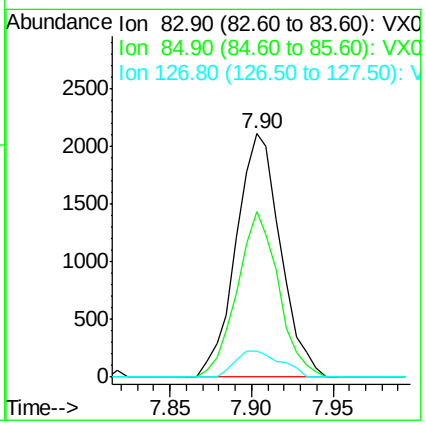


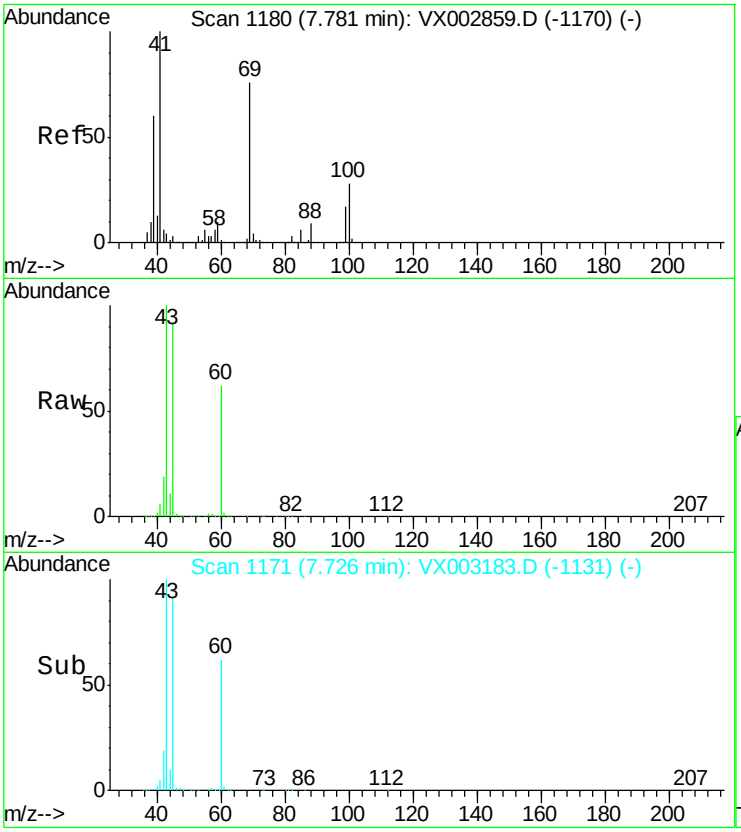


#47
Bromodichloromethane
Concen: 0.97 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 83 Resp: 3978

Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.3	75.5
127	10.5	7.0	10.4#



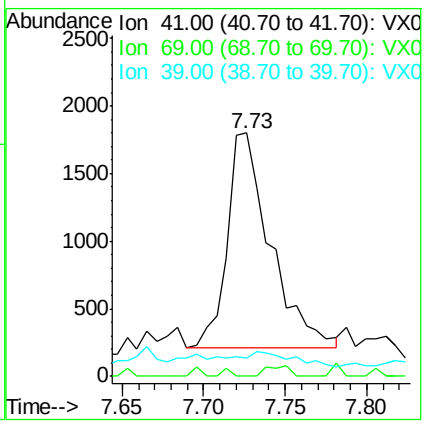


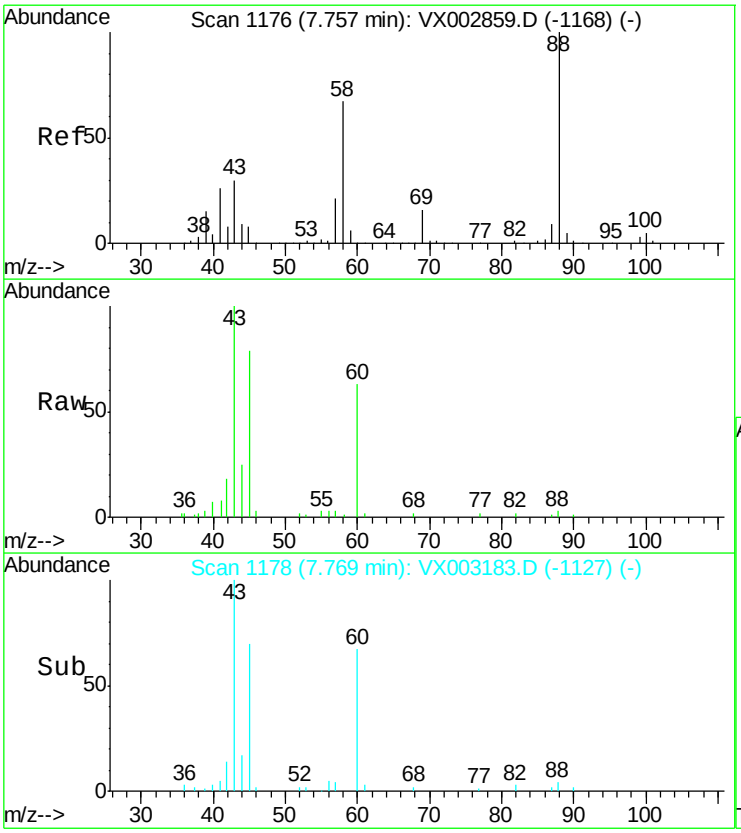
#48
Methyl methacrylate
Concen: 0.76 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.05 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 2910

Ion	Ratio	Lower	Upper
41	100		
69	0.7	59.1	88.7#
39	7.0	48.9	73.3#

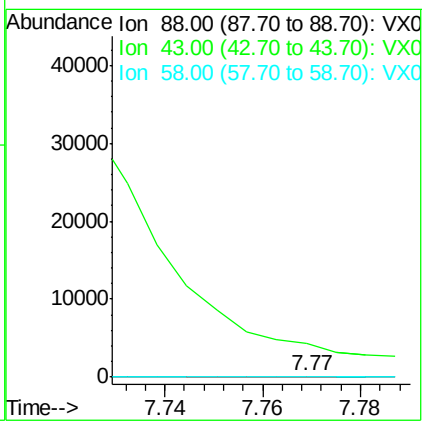


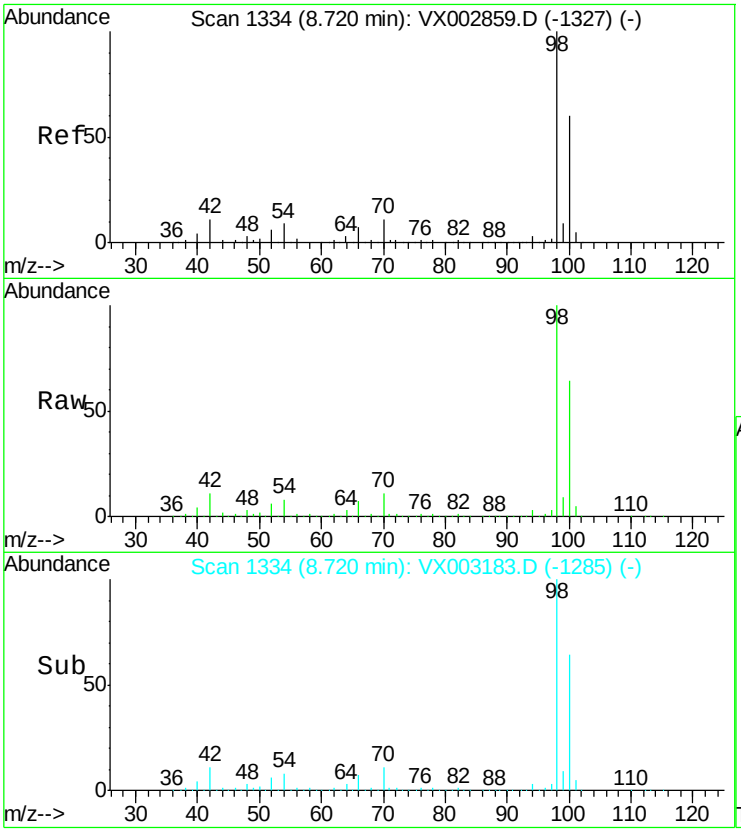


#49
1,4-Dioxane
Concen: 1.47 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	0.0	57.1	85.7#



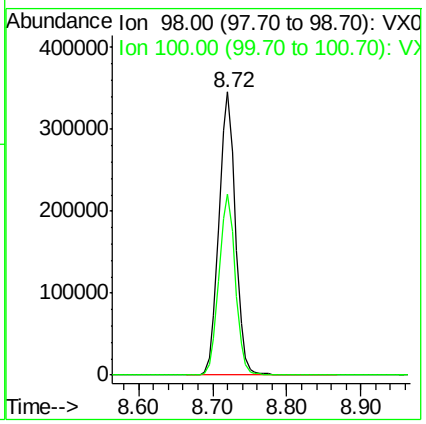


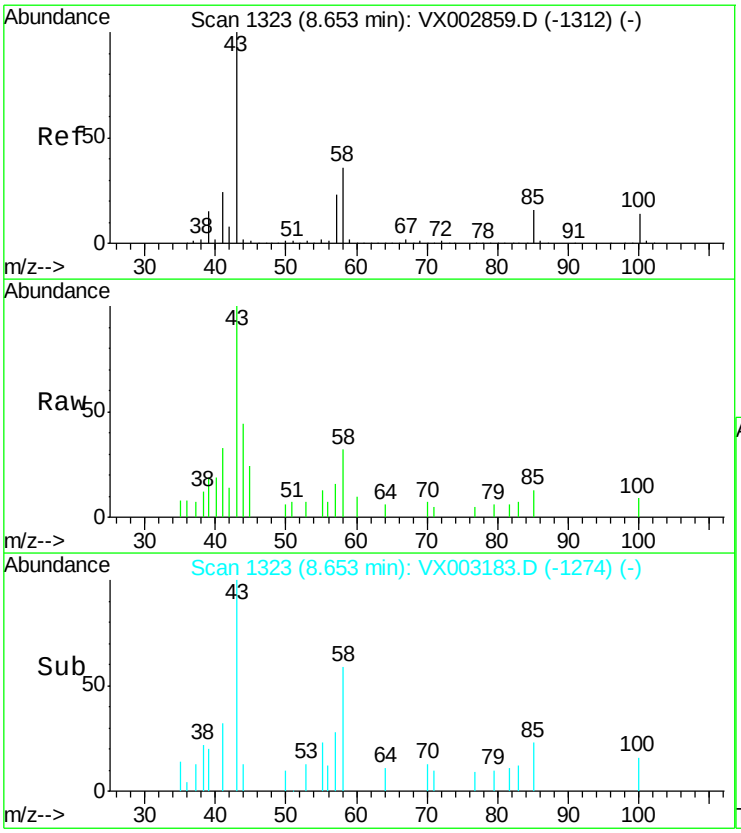
#50
Toluene-d8
Concen: 48.77 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 530918

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

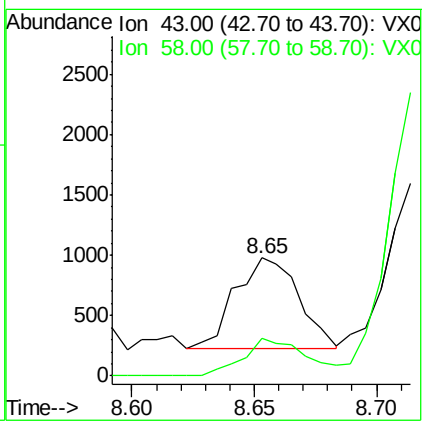


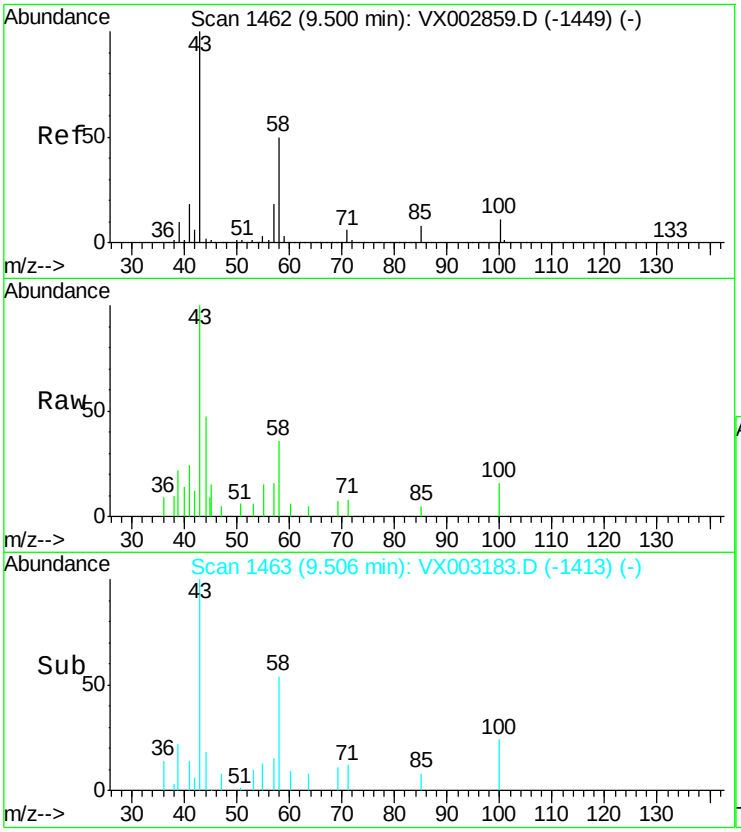


#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 43 Resp: 1340

Ion	Ratio	Lower	Upper
43	100		
58	41.8	28.6	42.8



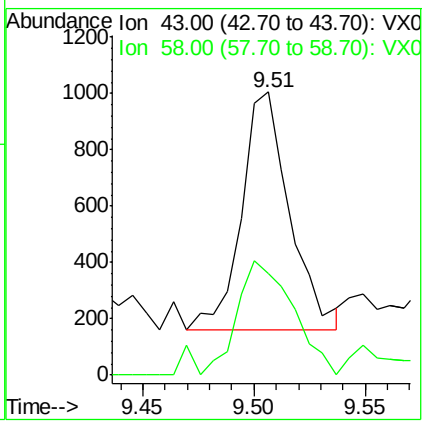


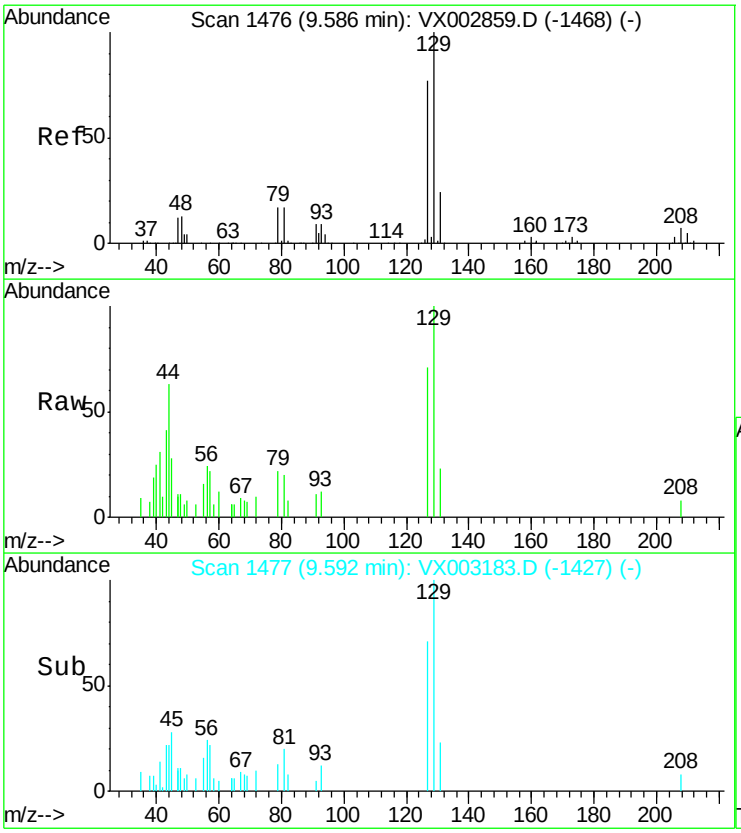
#59
2-Hexanone
Concen: 0.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1281

Ion	Ratio	Lower	Upper
43	100		
58	55.0	24.6	73.6

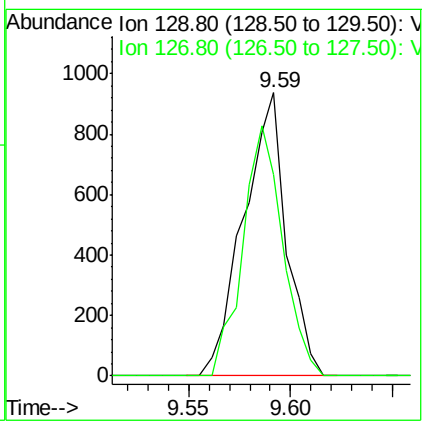


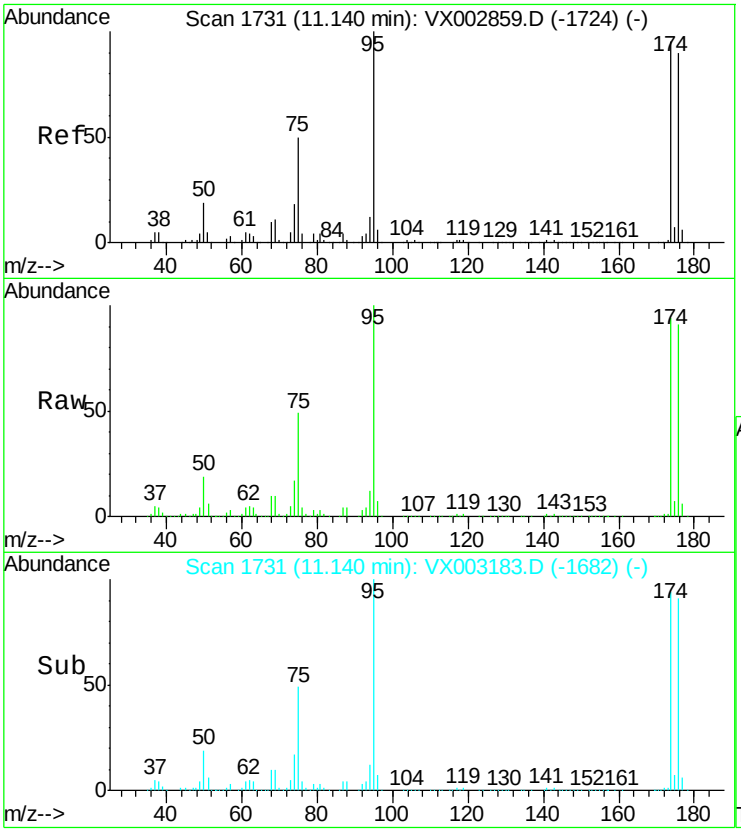


#60
Dibromochloromethane
Concen: 0.41 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:129 Resp: 1370

Ion	Ratio	Lower	Upper
129	100		
127	82.2	38.5	115.3



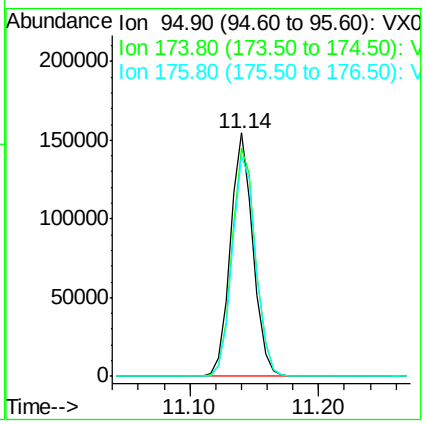


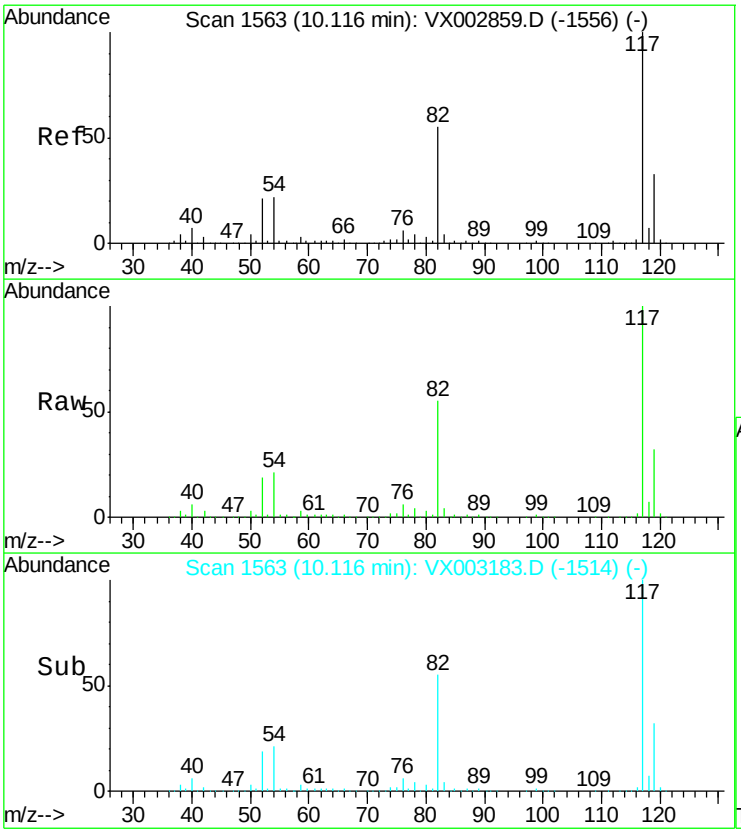
#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 189325

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	187.4
176	94.5	0.0	181.0

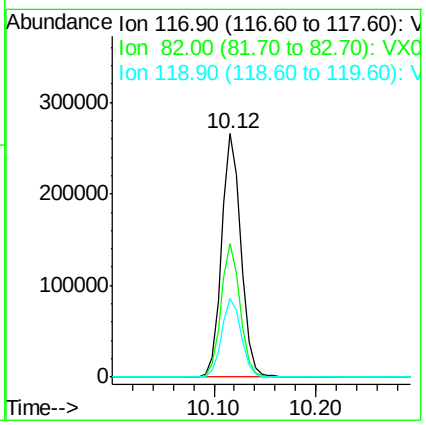


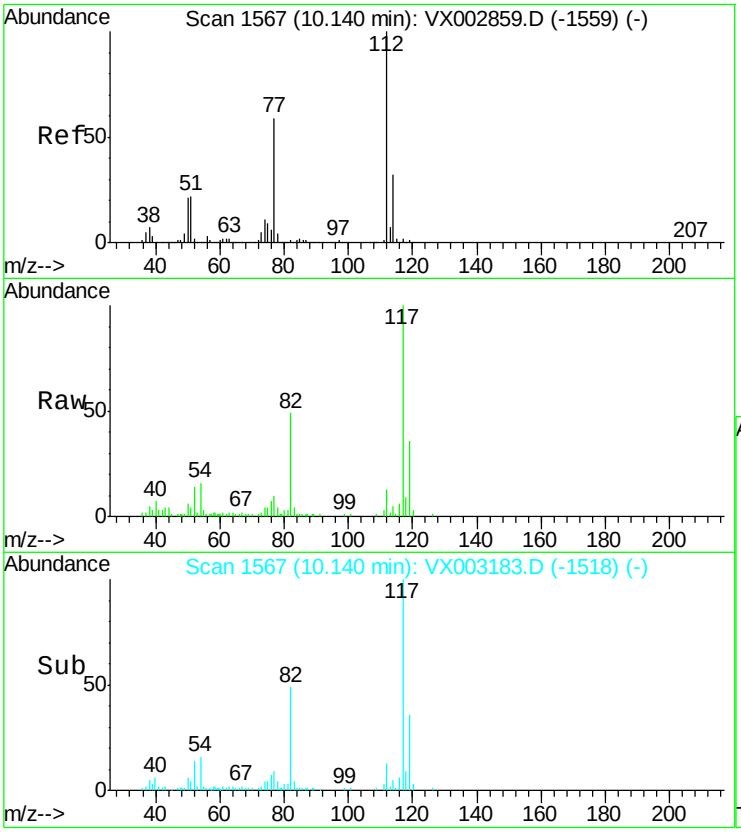


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:117 Resp: 349437

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	32.4	25.8	38.6



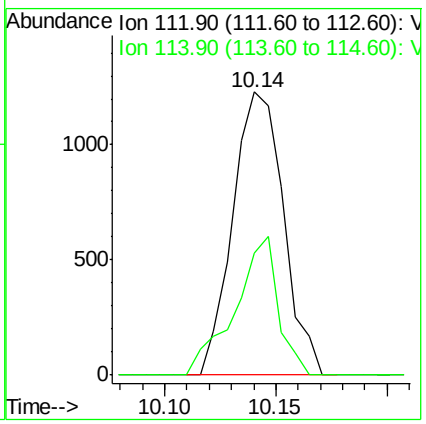


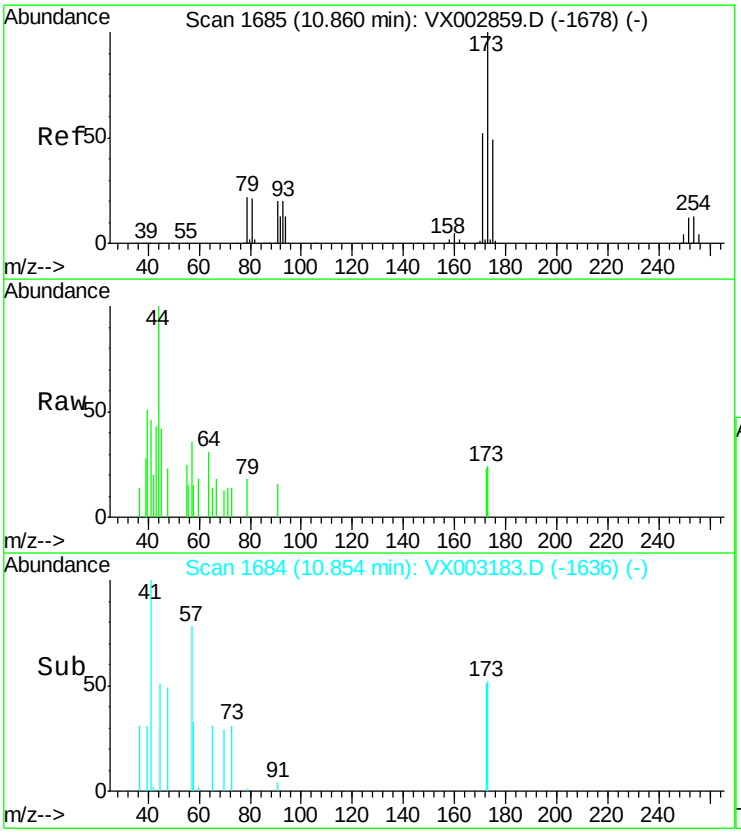
#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 1952

Ion	Ratio	Lower	Upper
112	100		
114	43.0	25.3	37.9#

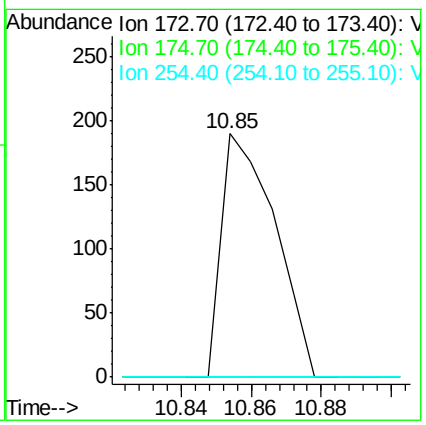


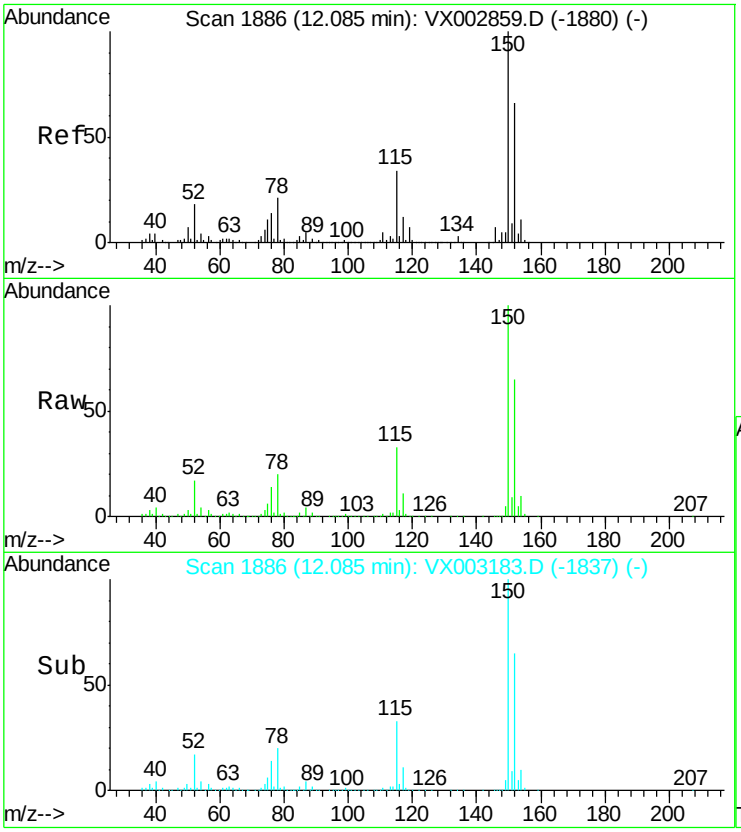


#71
Bromoform
Concen: 3.97 ug/l
RT: 10.85 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:173 Resp: 202

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



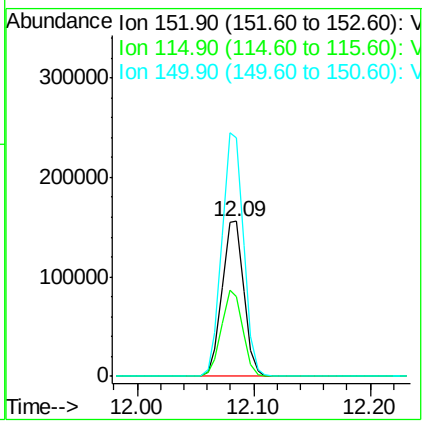


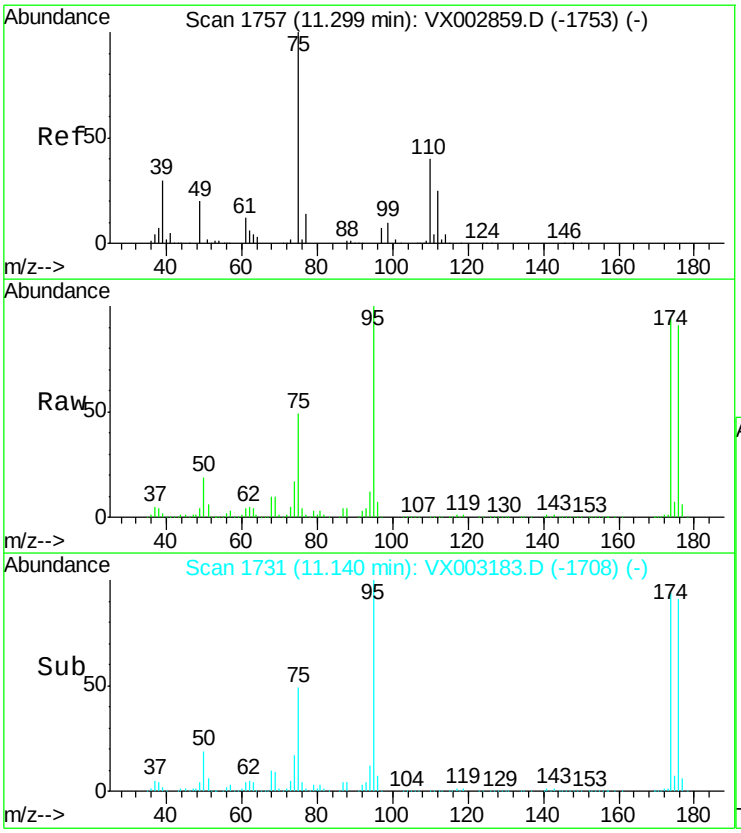
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 202385

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	155.9	0.0	347.2

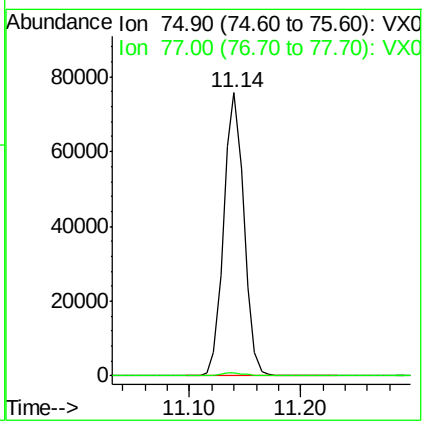


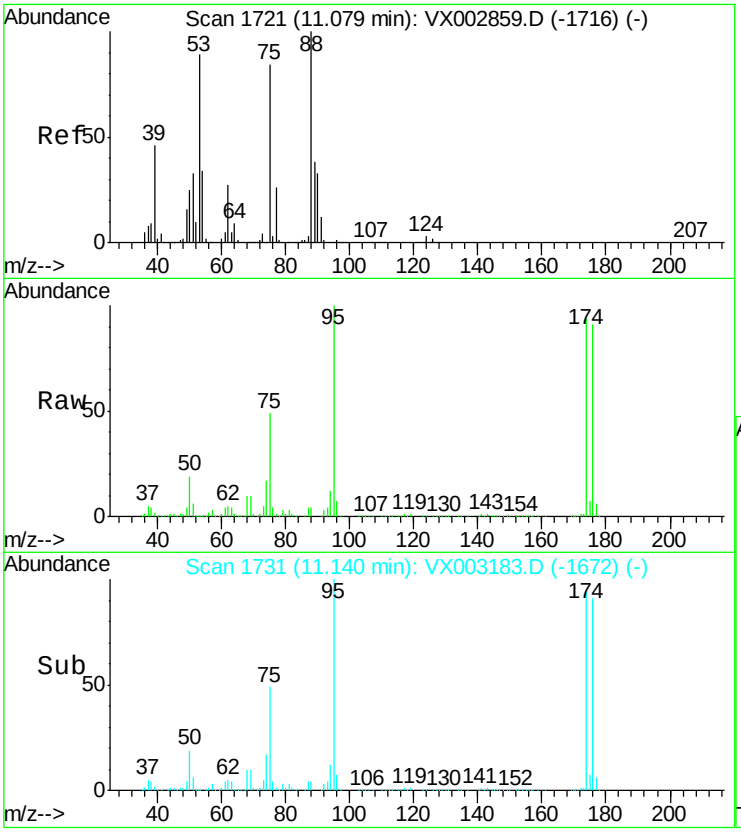


#76
1,2,3-Trichloropropane
Concen: 25.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 75 Resp: 95159

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



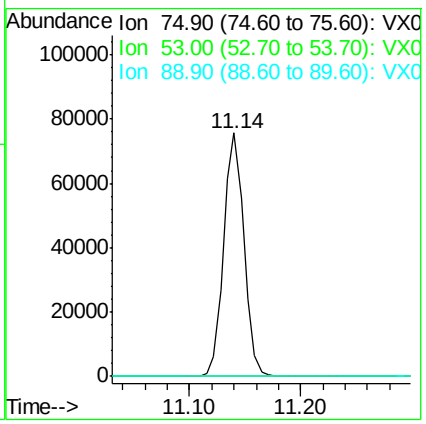


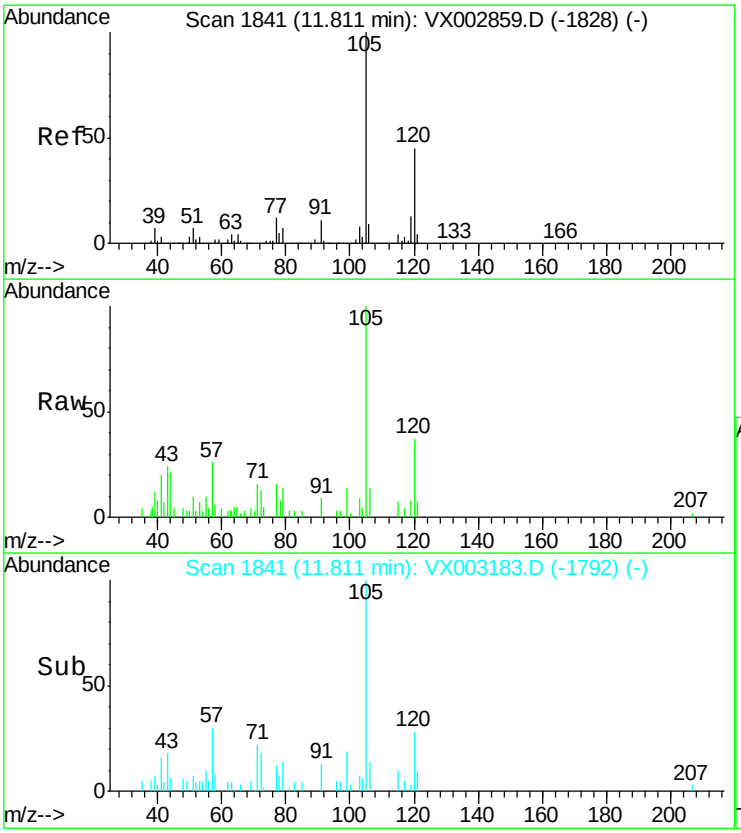
#81
trans-1,4-Dichloro-2-butene
Concen: 73.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95159

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#

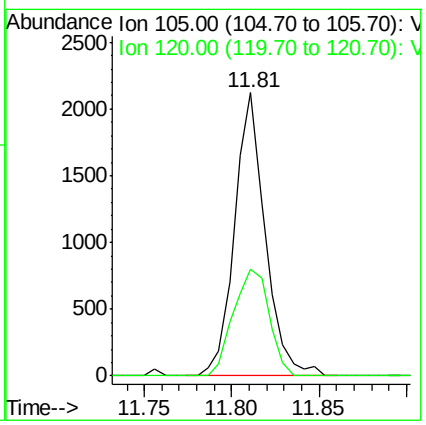


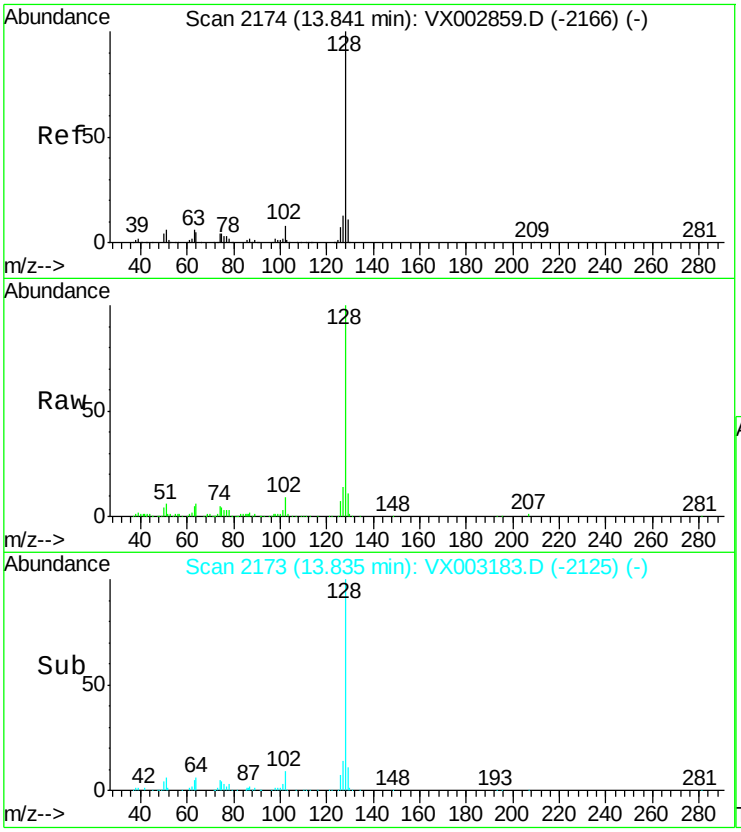


#84
1,2,4-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:105 Resp: 2584

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.3	66.8





#95
Naphthalene
Concen: 2.79 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 38690

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.5	8.6	13.0