Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003160.D
Acq On : 03 Jul 2018 20:20
Operator : JC/MD
Sample : J3814-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 04 03:19:22 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	262814	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	361003	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	338905	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193197	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	169764	46.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.46%				
35) Dibromofluoromethane	5.51	113	141281	49.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.84%				
50) Toluene-d8	8.72	98	513026	49.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.28%				
62) 4-Bromofluorobenzene	11.14	95	179293	44.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	68	Below Cal		#	43
3) Chloromethane	1.32	50	731	Below Cal		#	85
5) Bromomethane	1.66	94	2109	Below Cal			98
6) Chloroethane	1.75	64	311	Below Cal		#	43
10) Methyl Iodide	2.52	142	1625	6.71	ug/l	#	90
11) Tert butyl alcohol	3.08	59	1712	2.37	ug/l	#	91
13) Acrolein	2.32	56	301	4.97	ug/l	#	14
16) Acetone	2.45	43	14712	9.78	ug/l		100
18) Methyl Acetate	2.78	43	23510	5.59	ug/l		95
20) Methylene Chloride	2.86	84	15753	5.38	ug/l		93
25) 2-Butanone	4.71	43	9600	4.30	ug/l		93
29) Tetrahydrofuran	5.18	42	816	0.57	ug/l	#	87
30) Chloroform	5.22	83	1097	0.20	ug/l		98
36) 1,1-Dichloropropene	5.67	75	16865	4.26	ug/l	#	45
38) Carbon Tetrachloride	5.67	117	23430	5.39	ug/l	#	16
40) Benzene	6.15	78	3926	0.34	ug/l		97
49) 1,4-Dioxane	7.73	88	20	0.28	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1309	0.29	ug/l	#	74
59) 2-Hexanone	9.51	43	2507	0.74	ug/l		88
76) 1,2,3-Trichloropropane	11.14	75	91470	26.14	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	91470	74.10	ug/l	#	7
95) Naphthalene	13.84	128	25464	1.93	ug/l		99

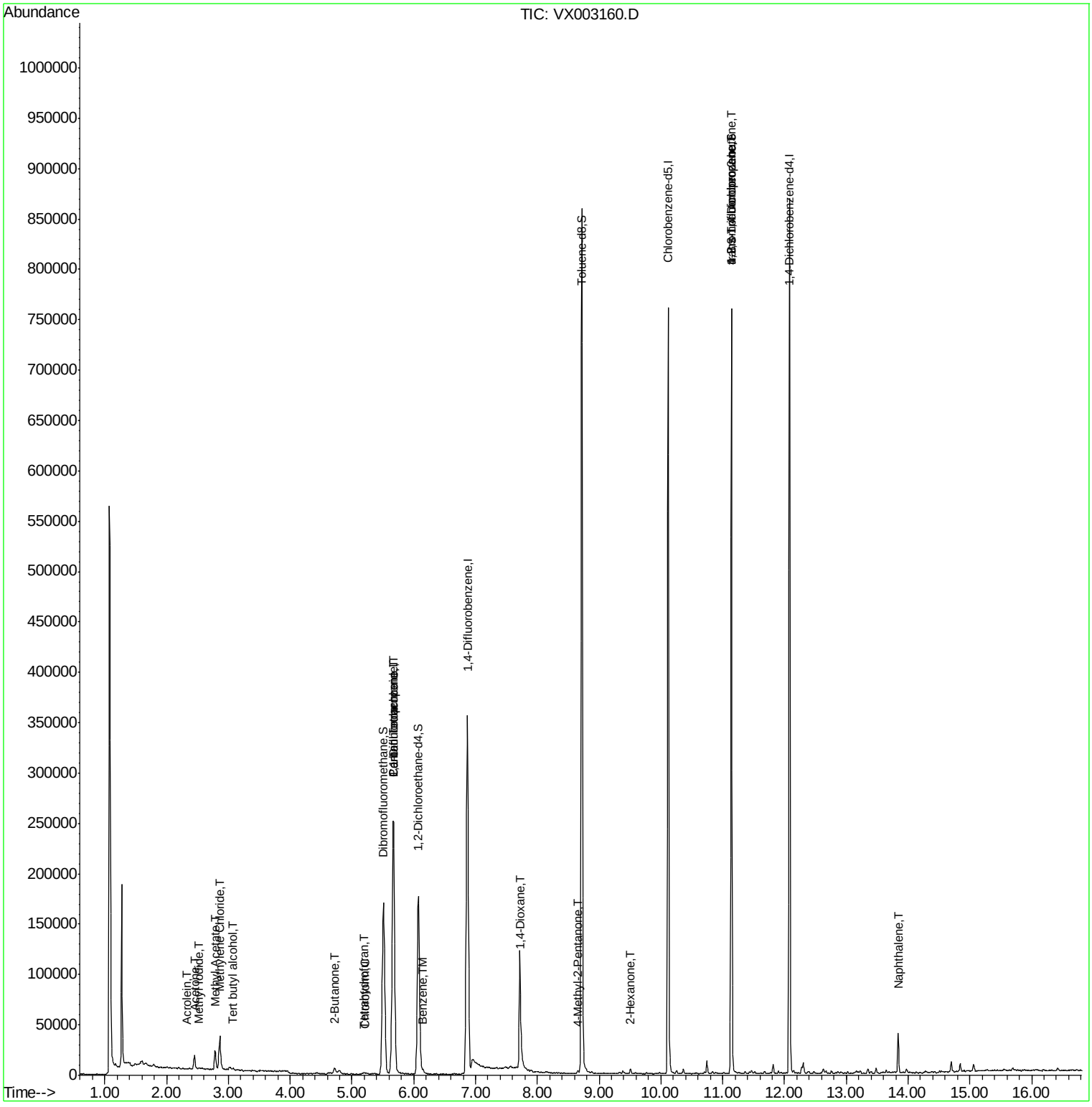
(#) = qualifier out of range (m) = manual integration (+) = signals summed

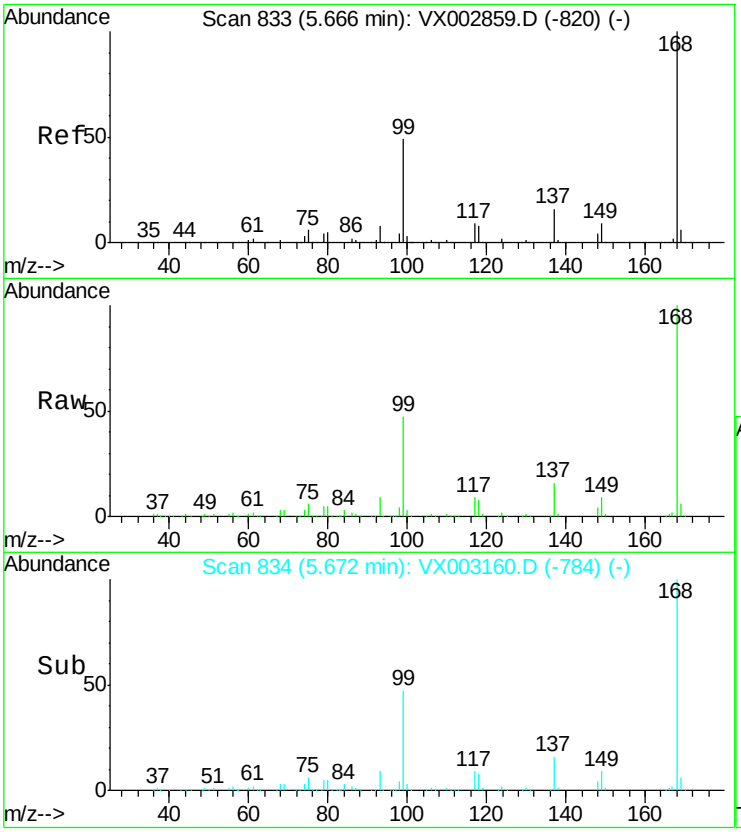
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003160.D
Acq On : 03 Jul 2018 20:20
Operator : JC/MD
Sample : J3814-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 04 03:19:22 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



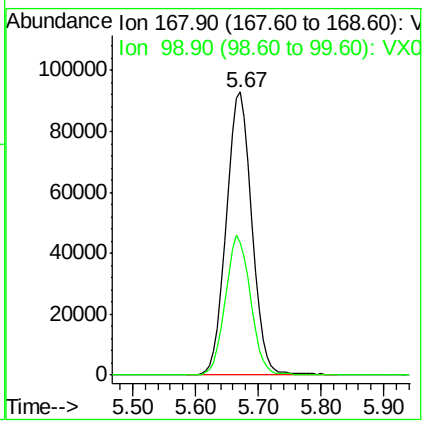


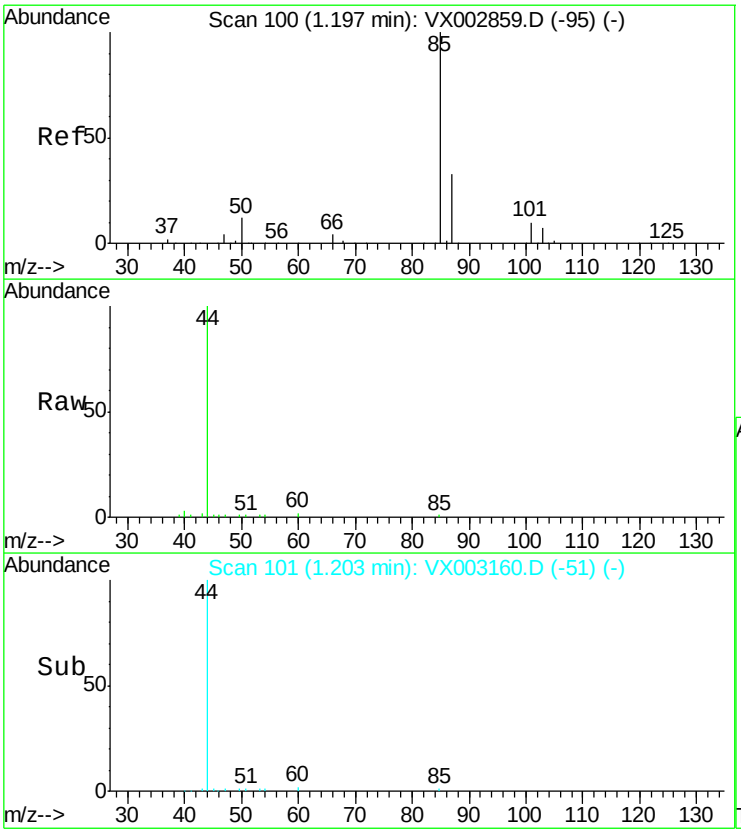
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 262814

Ion	Ratio	Lower	Upper
168	100		
99	46.6	39.3	58.9

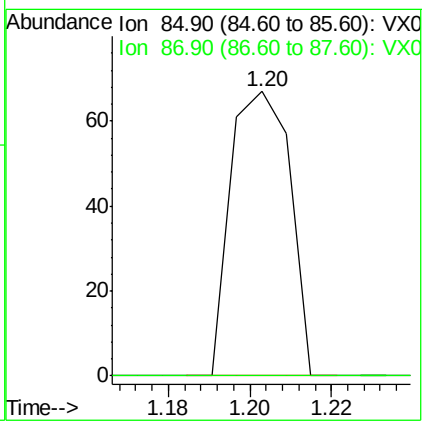


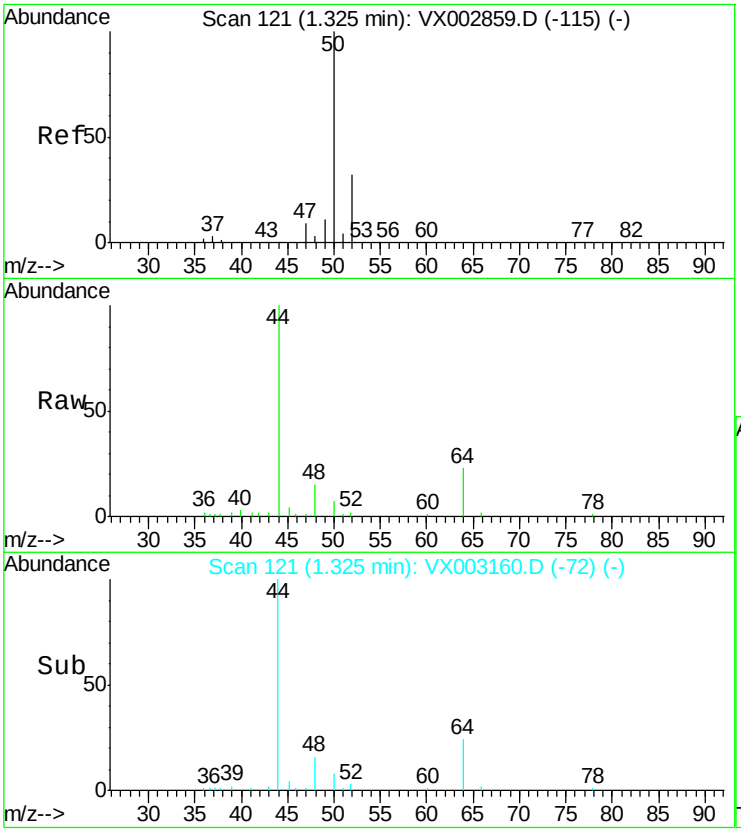


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 85 Resp: 68

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



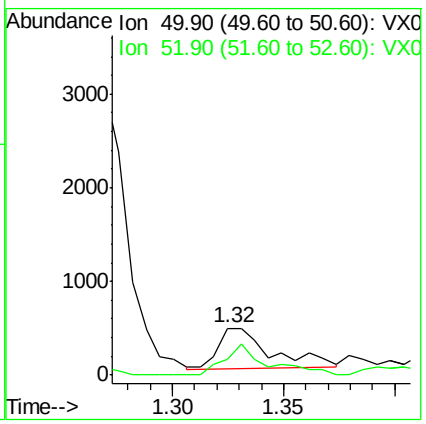


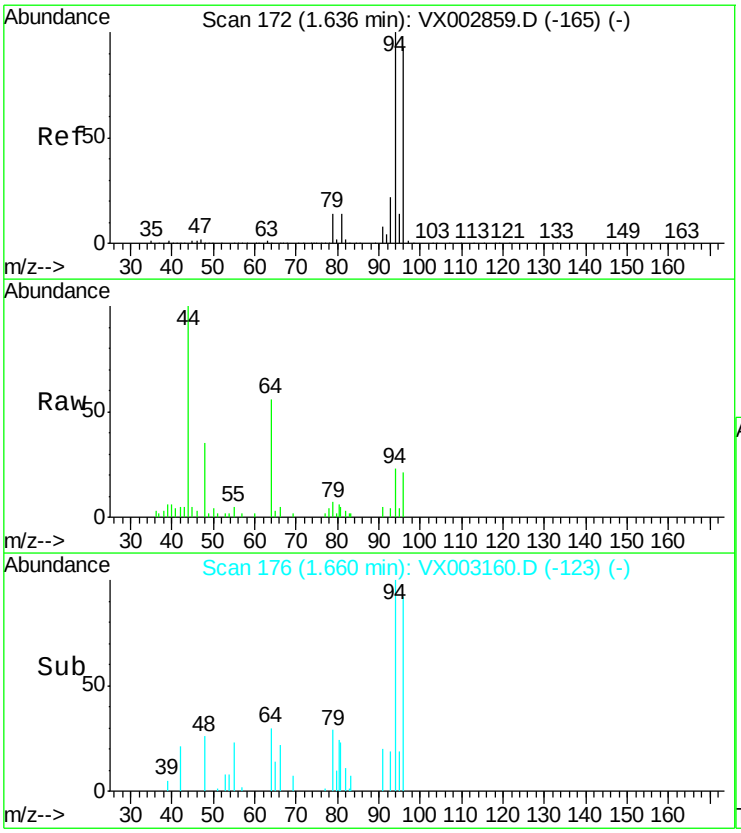
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 731

Ion	Ratio	Lower	Upper
50	100		
52	40.7	25.7	38.5#

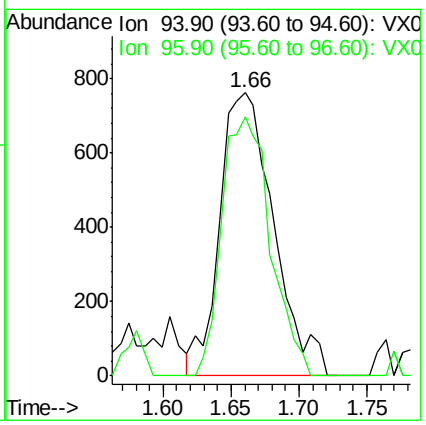


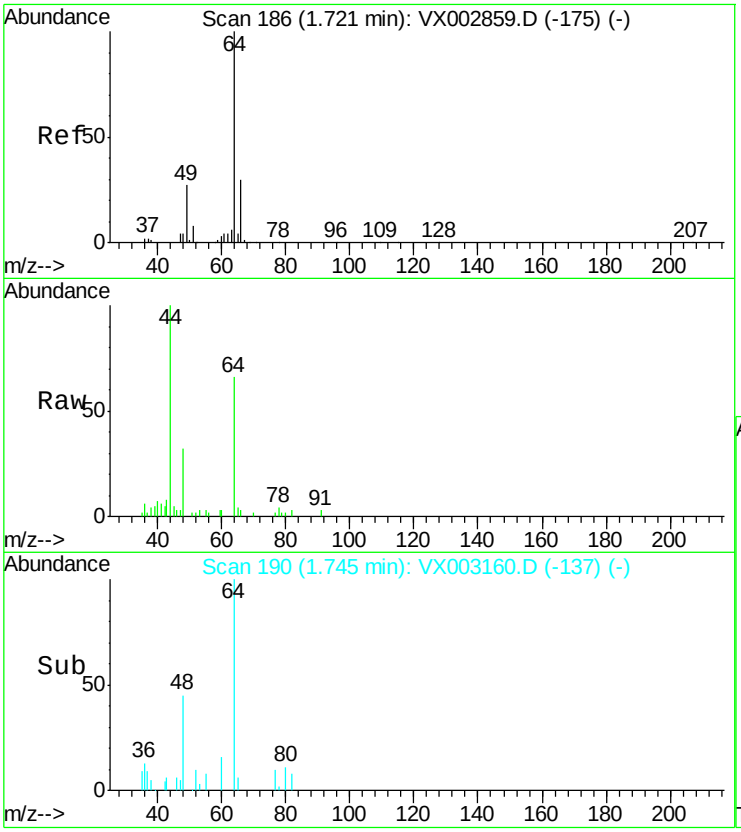


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 94 Resp: 2109

Ion	Ratio	Lower	Upper
94	100		
96	91.6	74.9	112.3



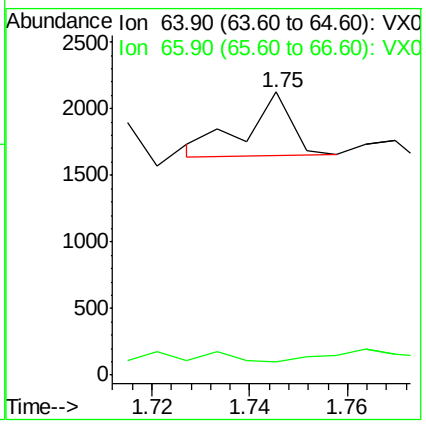


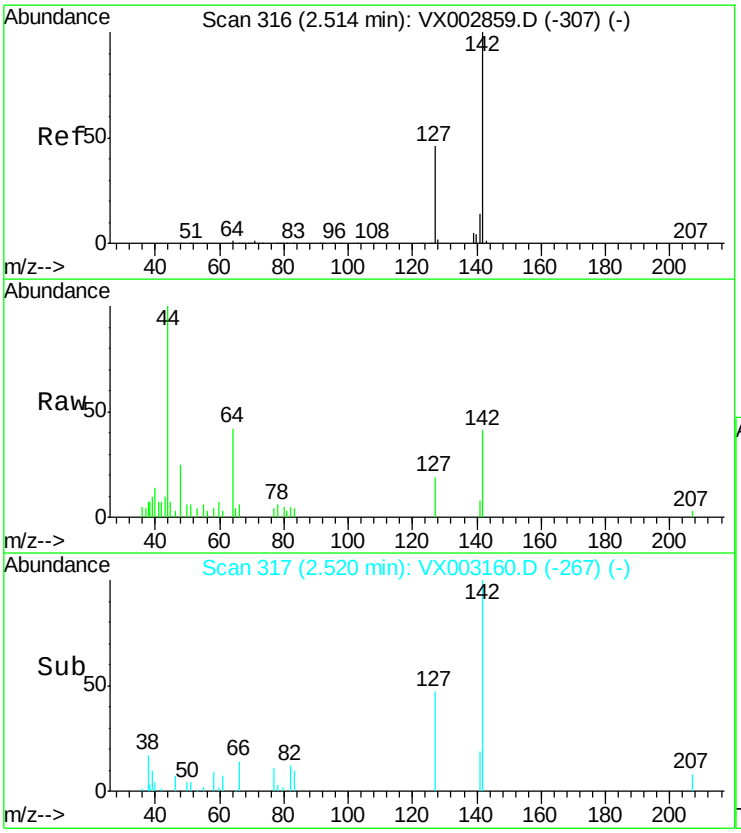
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 311

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

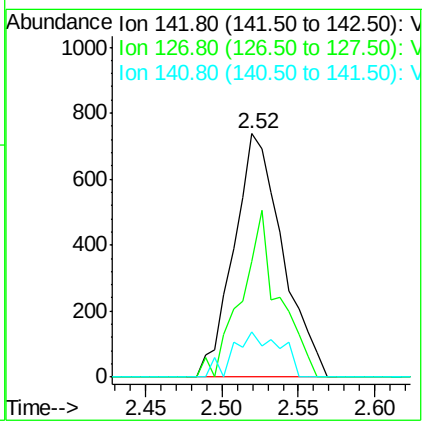


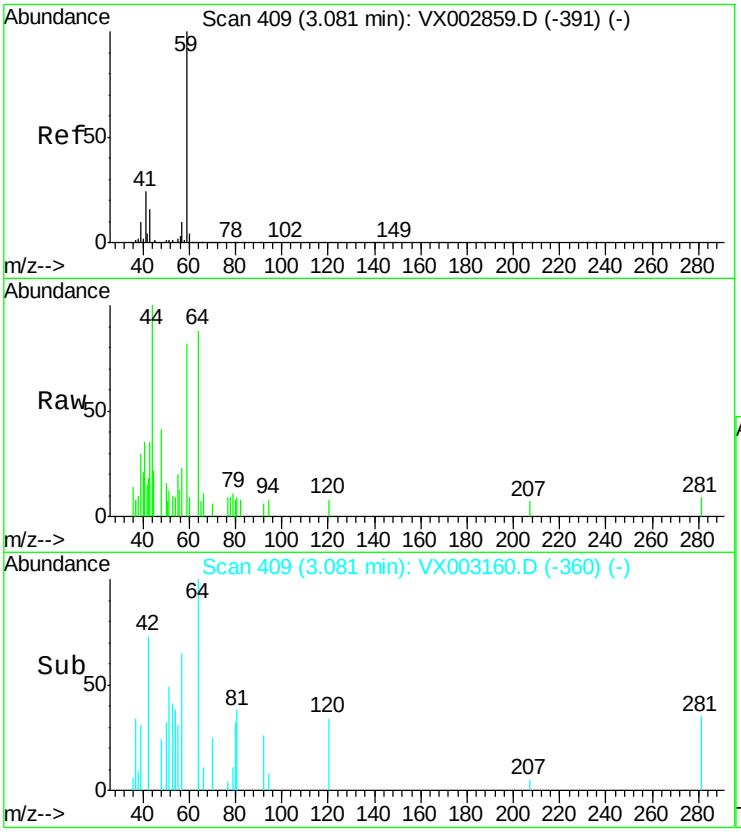


#10
Methyl Iodide
Concen: 6.71 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion:142 Resp: 1625

Ion	Ratio	Lower	Upper
142	100		
127	52.8	36.6	55.0
141	17.8	11.3	16.9#



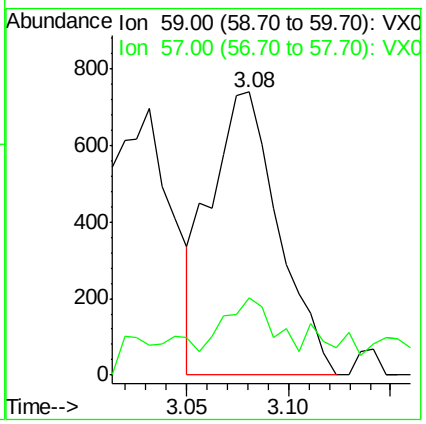


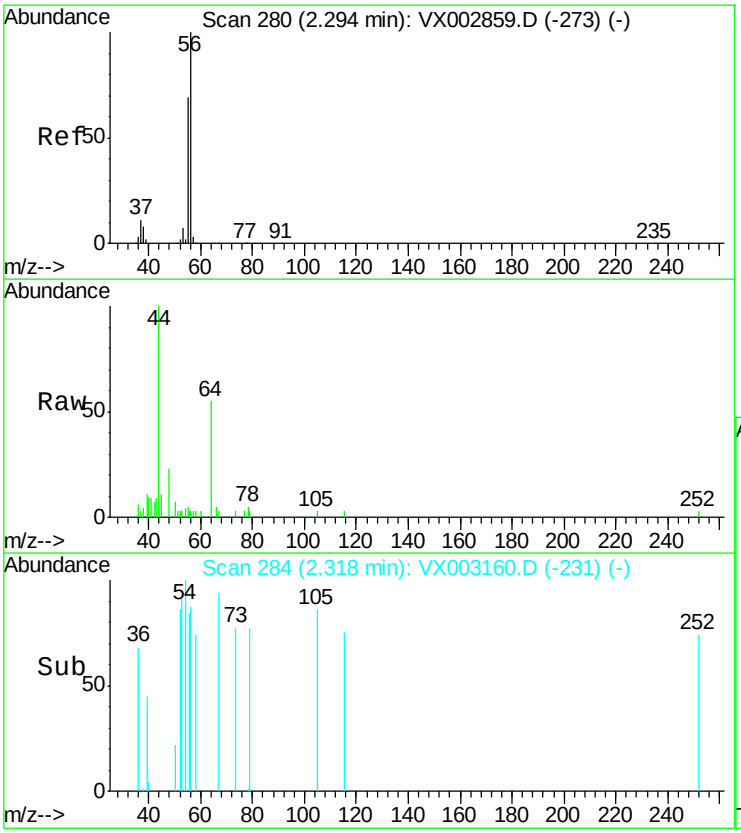
#11
Tert butyl alcohol
Concen: 2.37 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1712

Ion	Ratio	Lower	Upper
59	100		
57	13.4	8.2	12.2#

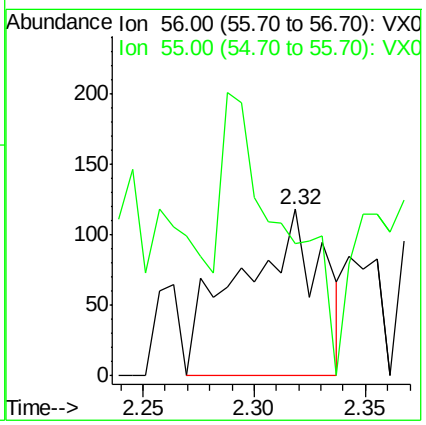


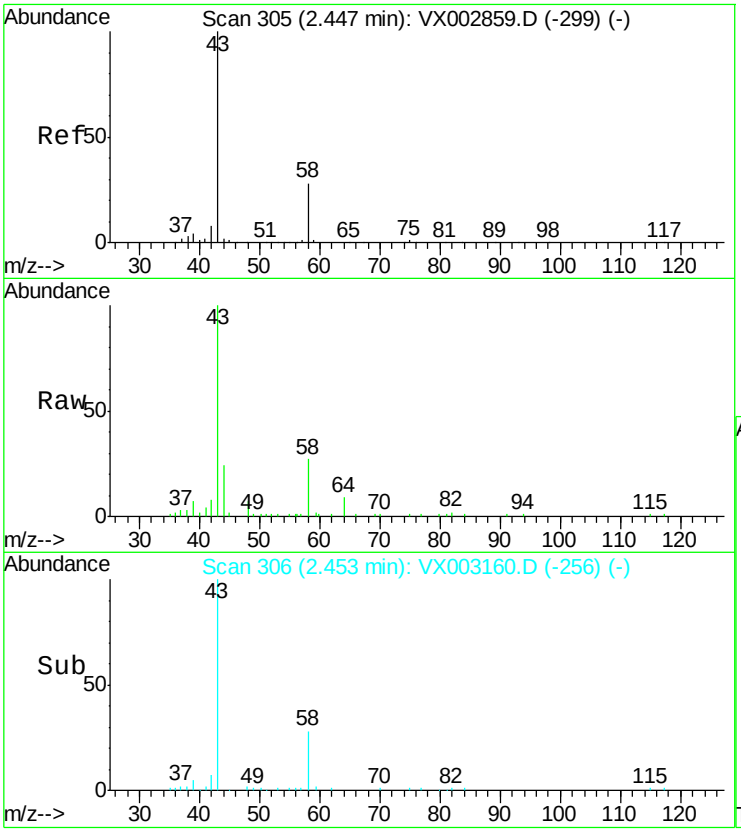


#13
Acrolein
Concen: 4.97 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 56 Resp: 301

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

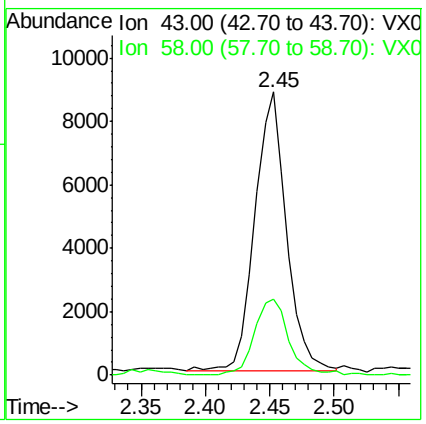




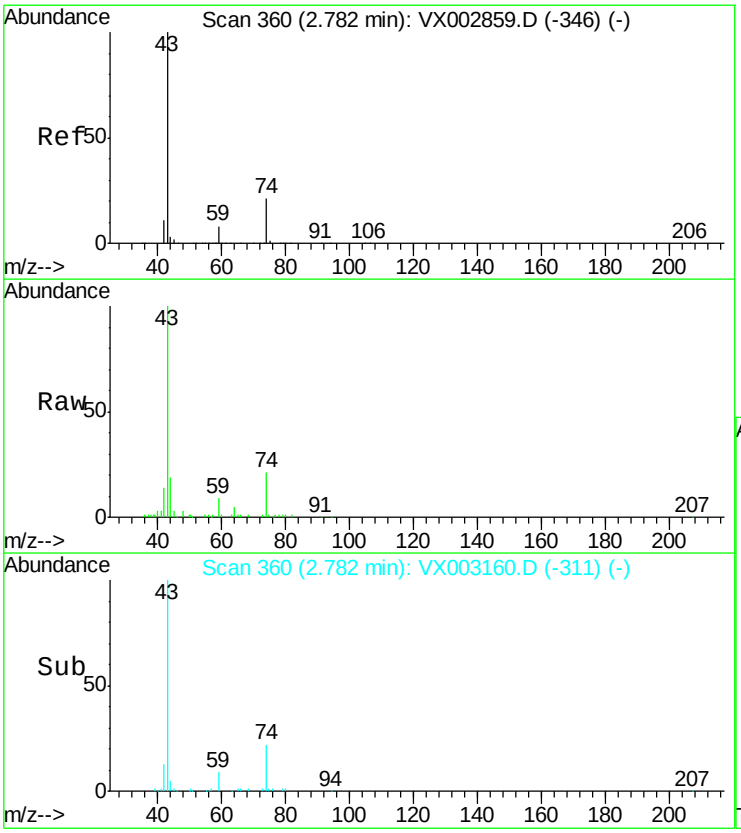
#16
Acetone
Concen: 9.78 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 43 Resp: 14712

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1



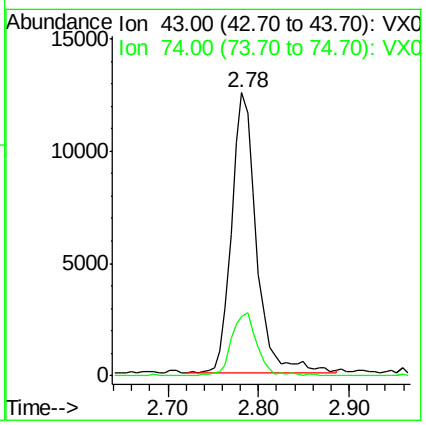
Instrument :
MSVOA_X
ClientSampleId :

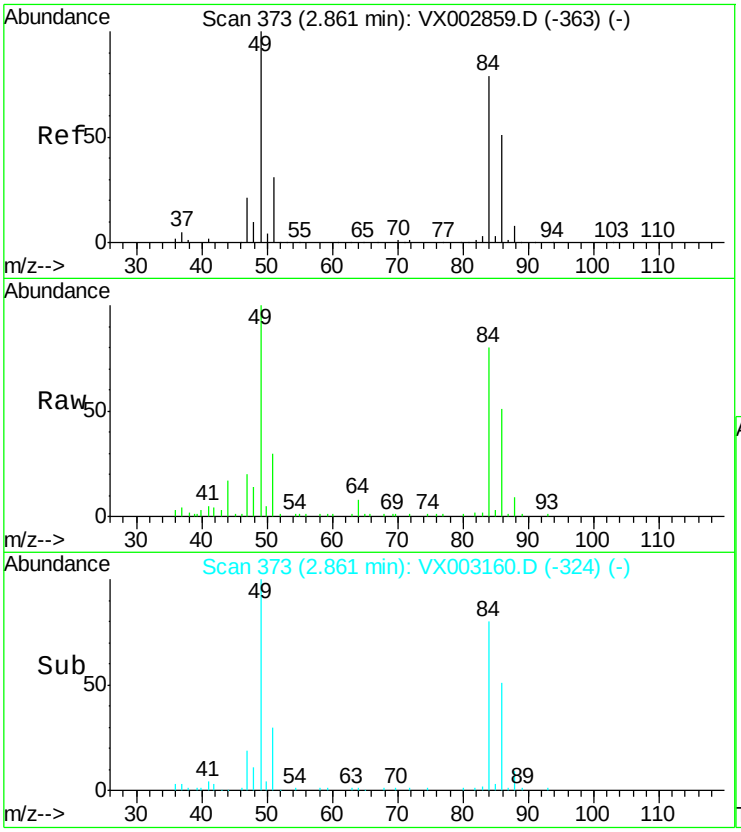


#18
Methyl Acetate
Concen: 5.59 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 43 Resp: 23510

Ion	Ratio	Lower	Upper
43	100		
74	23.2	16.7	25.1



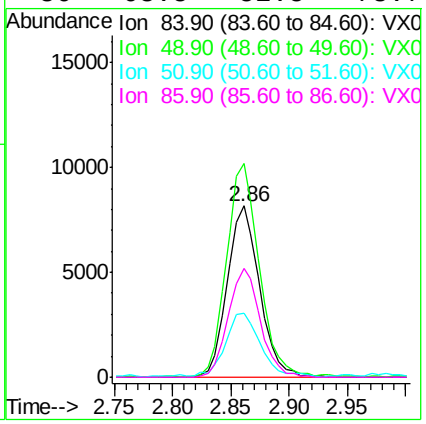


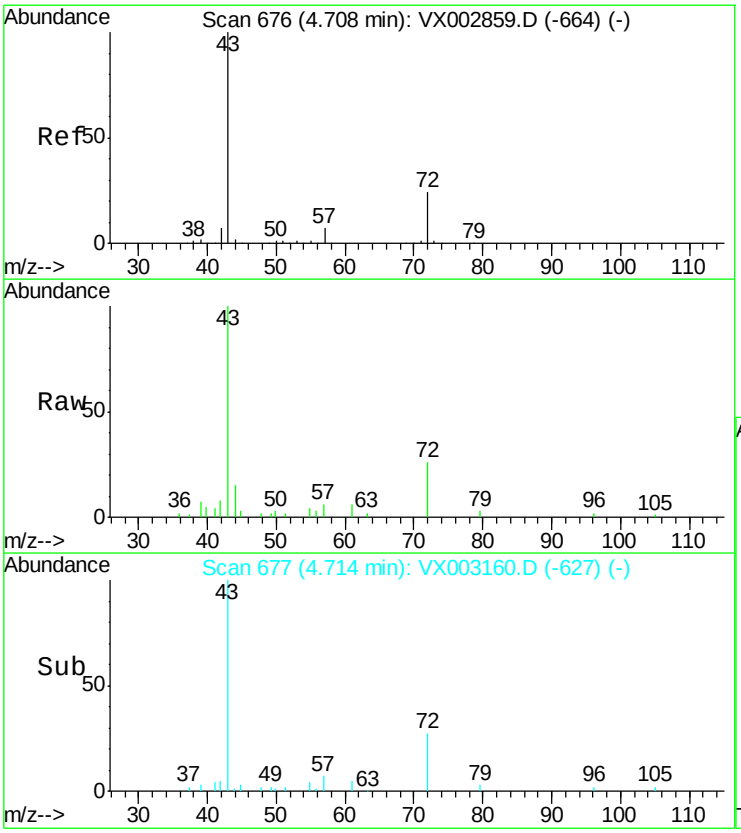
#20
Methylene Chloride
Concen: 5.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 15753

Ion	Ratio	Lower	Upper
84	100		
49	124.7	107.8	161.6
51	36.9	32.8	49.2
86	63.5	52.5	78.7

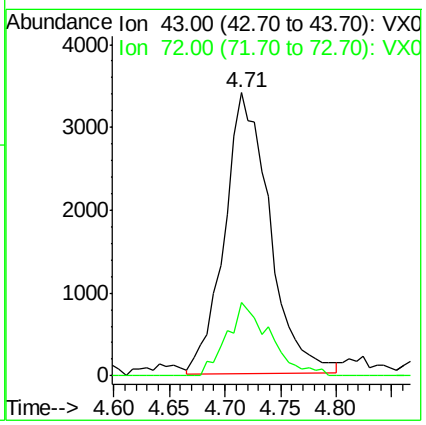


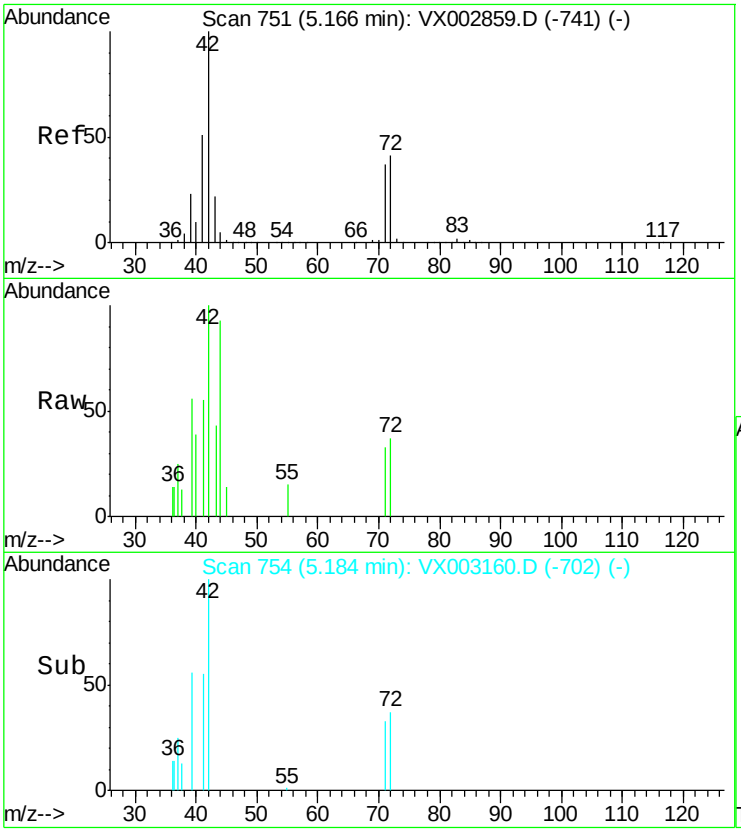


#25
2-Butanone
Concen: 4.30 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 43 Resp: 9600

Ion	Ratio	Lower	Upper
43	100		
72	26.4	18.5	27.7



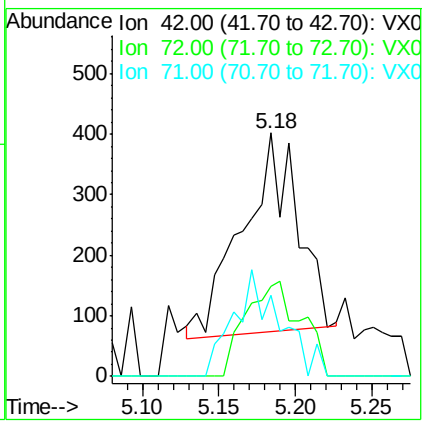


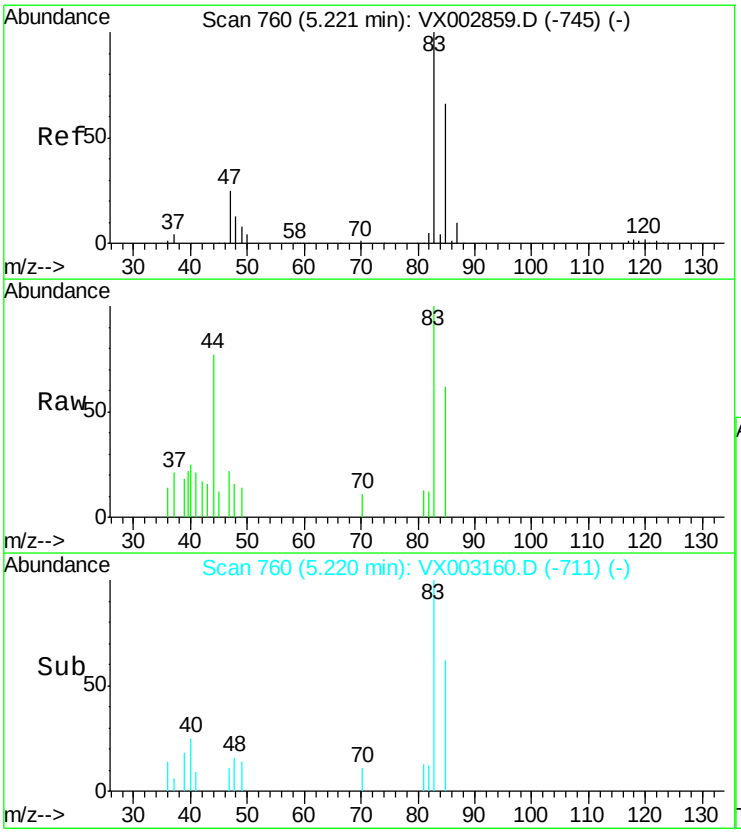
#29
Tetrahydrofuran
Concen: 0.57 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 816

Ion	Ratio	Lower	Upper
42	100		
72	48.3	32.0	48.0#
71	45.1	30.1	45.1

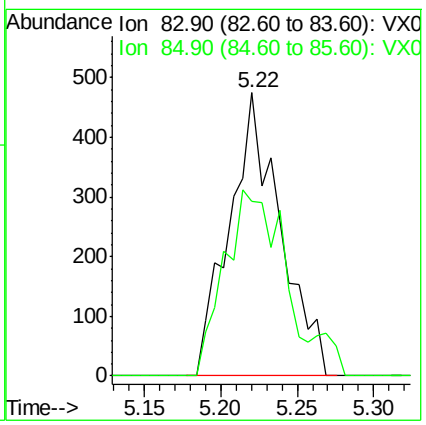


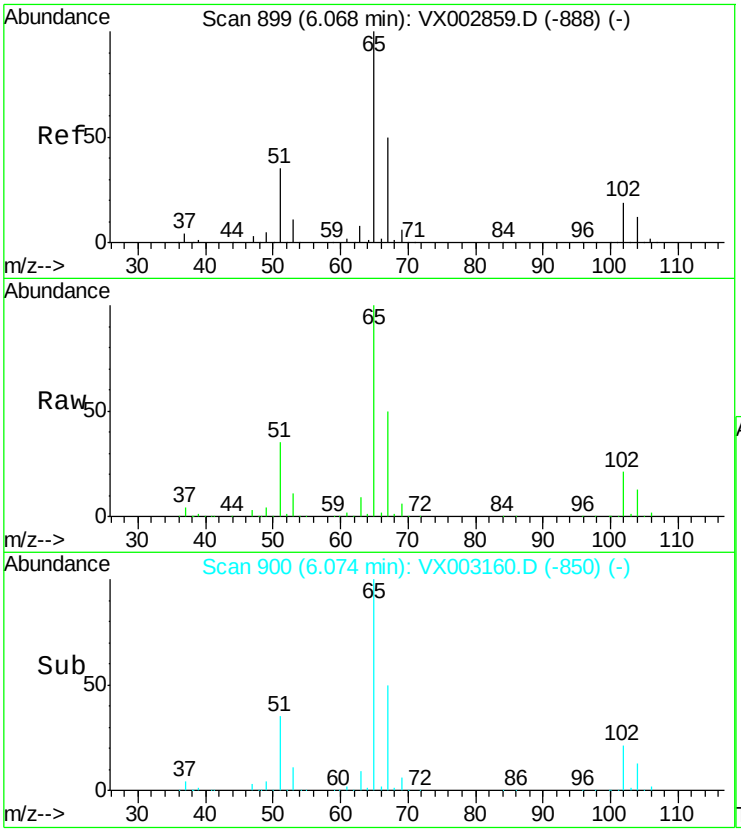


#30
Chloroform
Concen: 0.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 83 Resp: 1097

Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.4	75.6



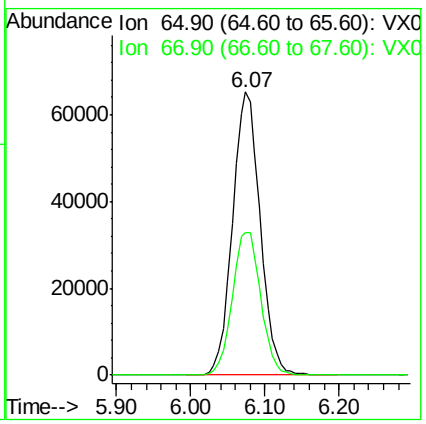


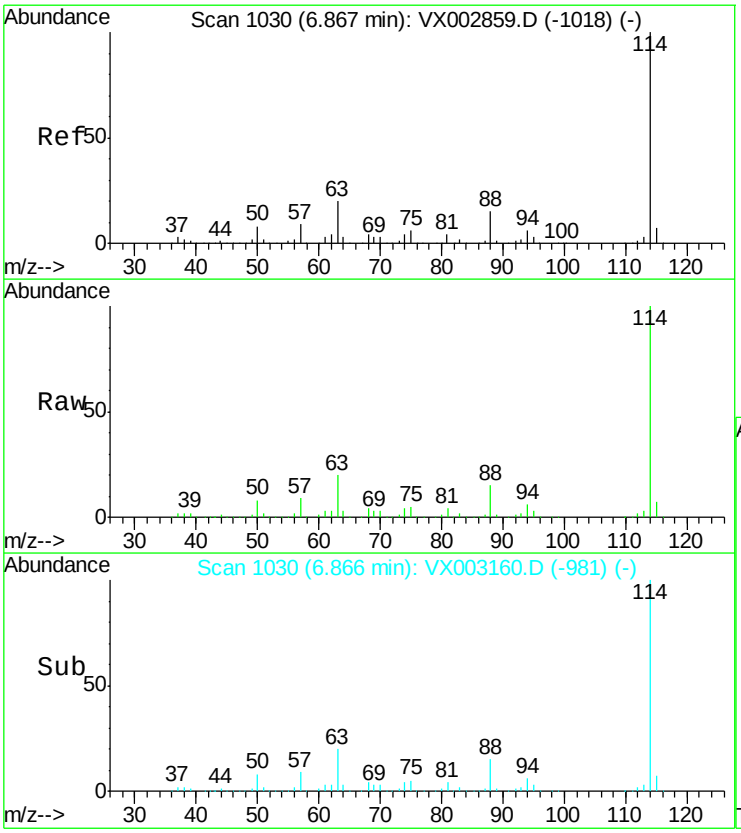
#33
1,2-Dichloroethane-d4
Concen: 46.73 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 169764

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6

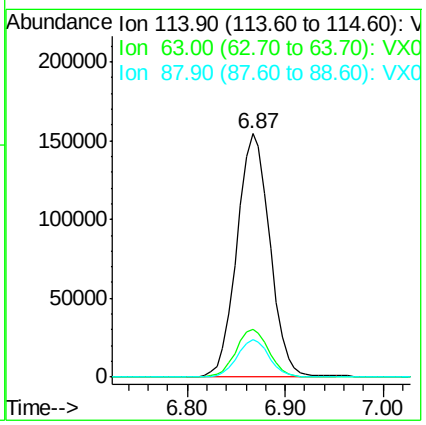


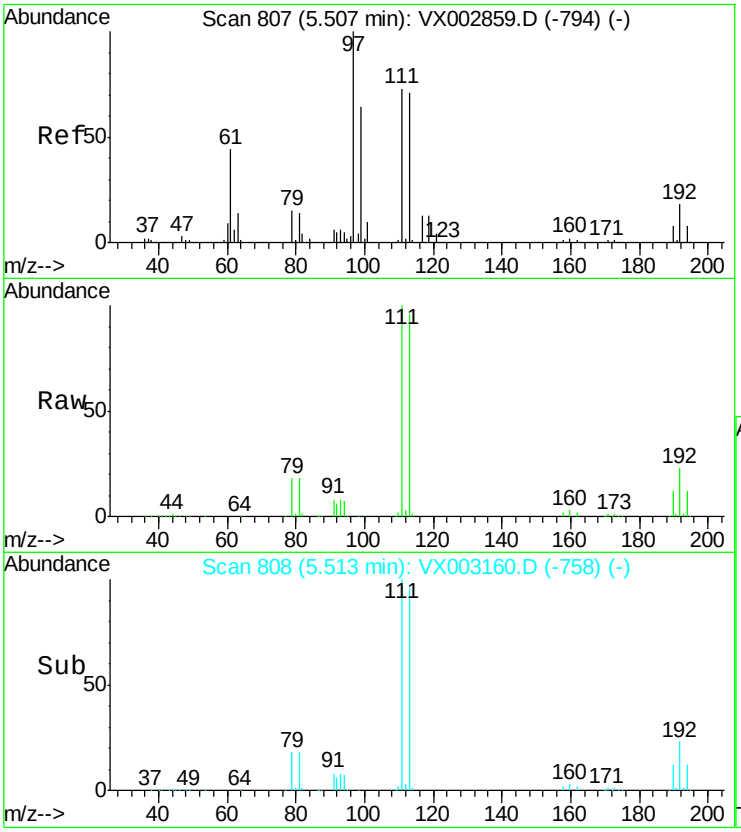


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion:114 Resp: 361003

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.3	0.0	30.0



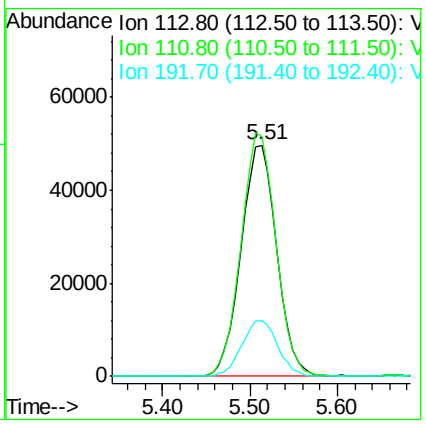


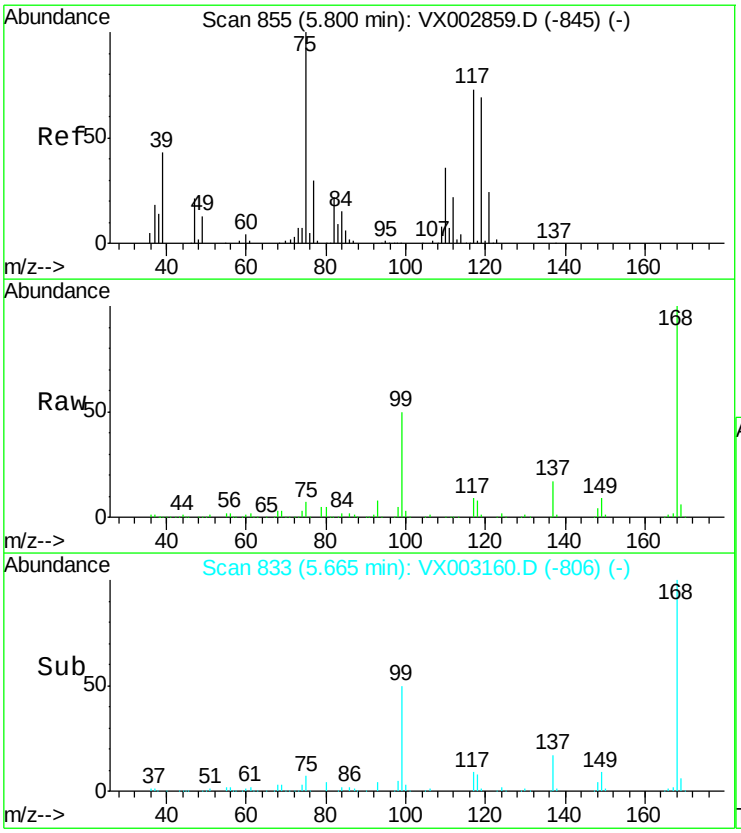
#35
Dibromofluoromethane
Concen: 49.42 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 141281

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.6	19.1	28.7

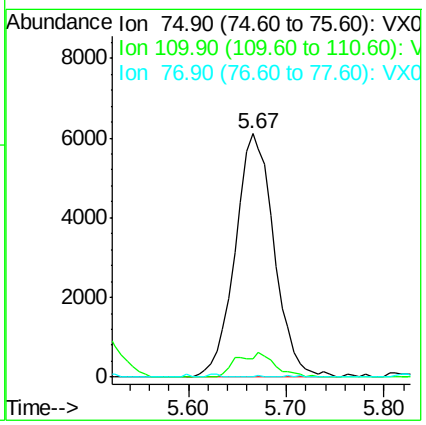


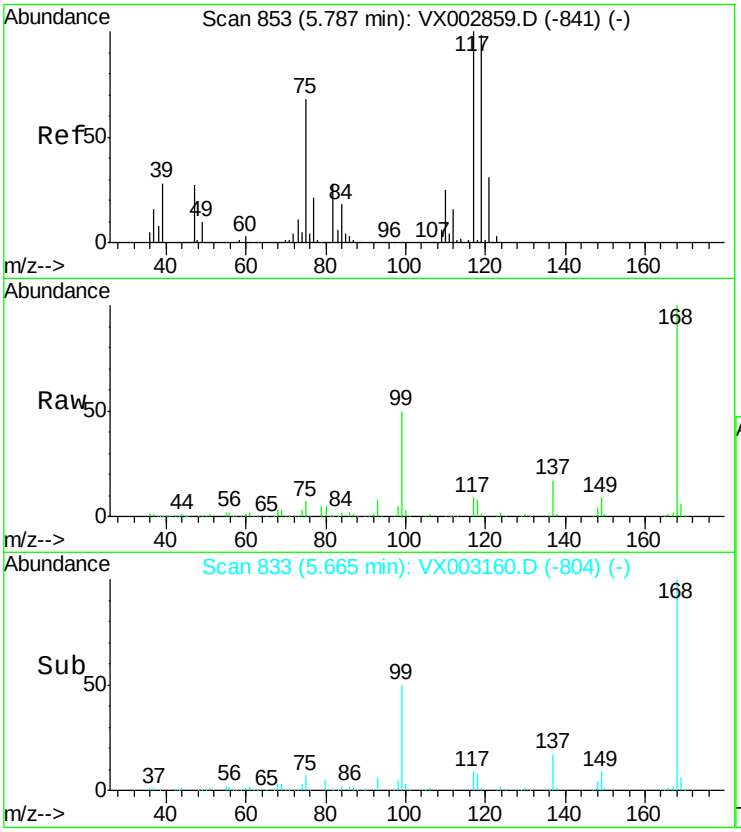


#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 75 Resp: 16865

Ion	Ratio	Lower	Upper
75	100		
110	3.8	18.1	54.4#
77	0.1	24.3	36.5#



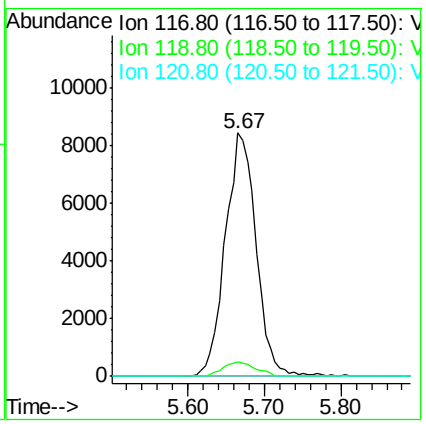


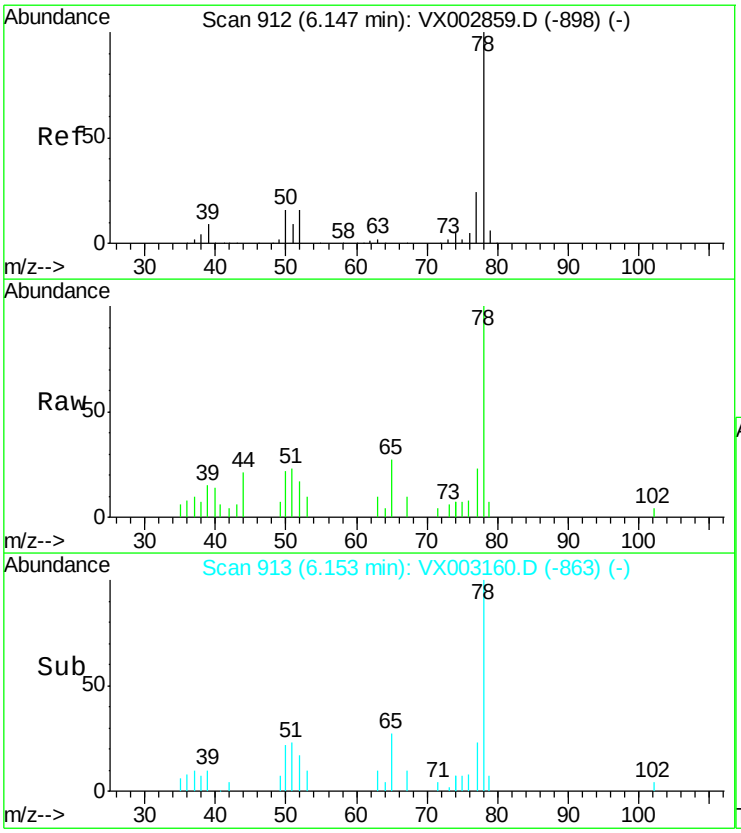
#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 23430

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
121	0.0	24.4	36.6#

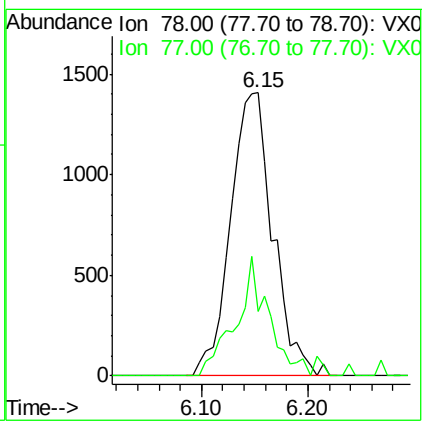


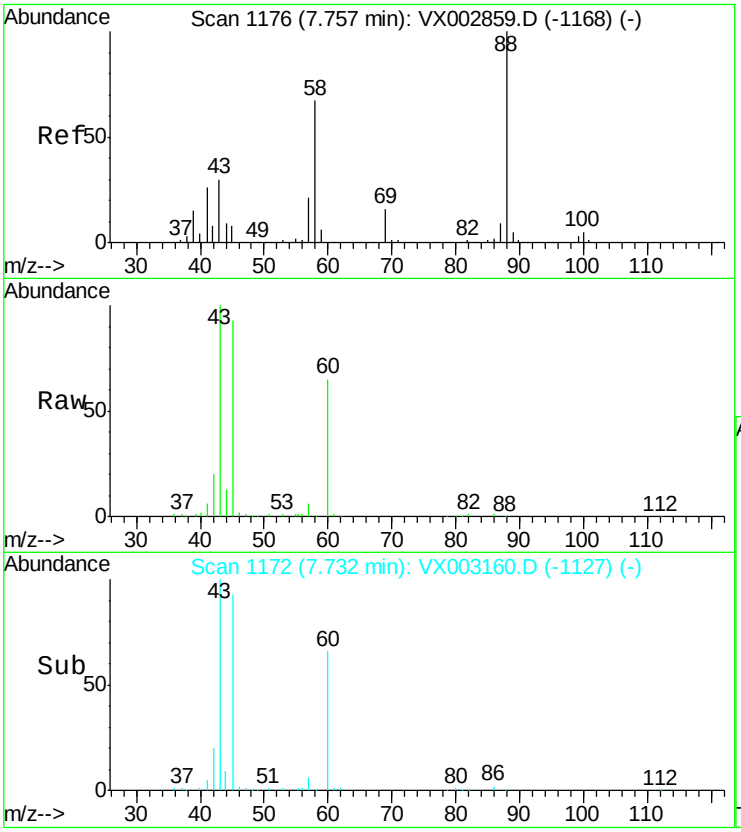


#40
Benzene
Concen: 0.34 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 78 Resp: 3926

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.1	28.7



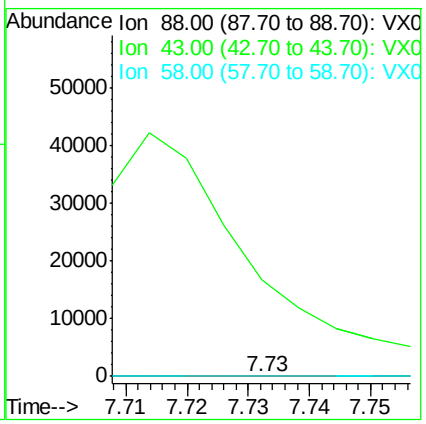


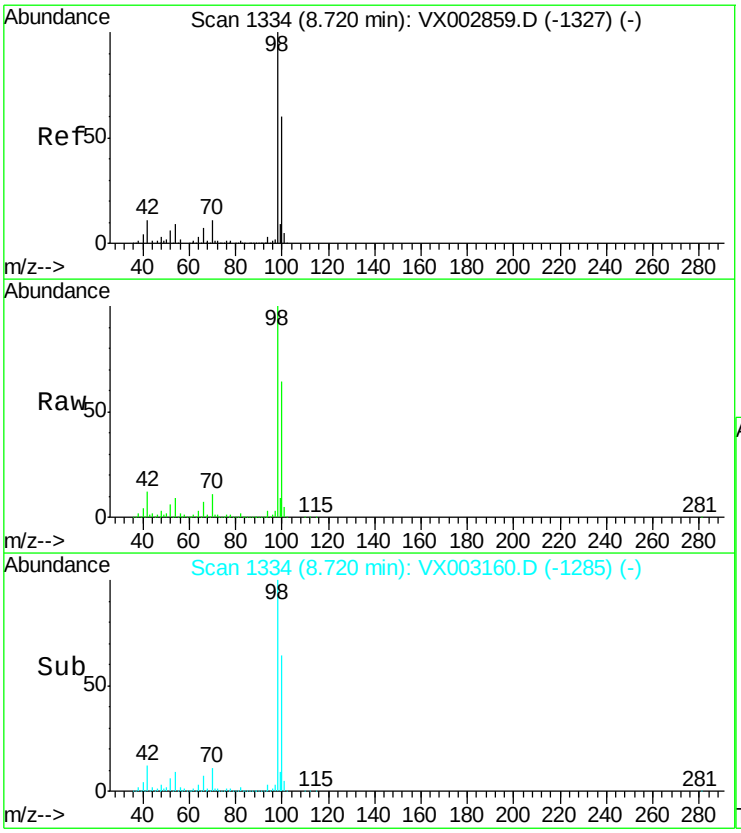
#49
1,4-Dioxane
Concen: 0.28 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.02 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	440.0	57.1	85.7#

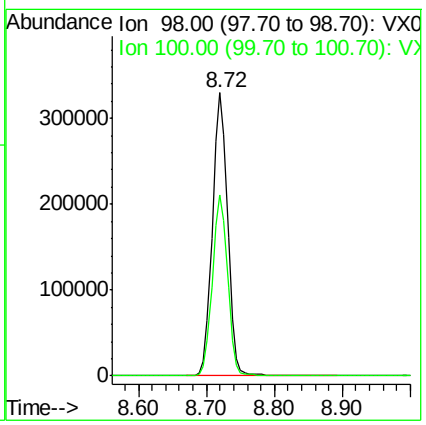


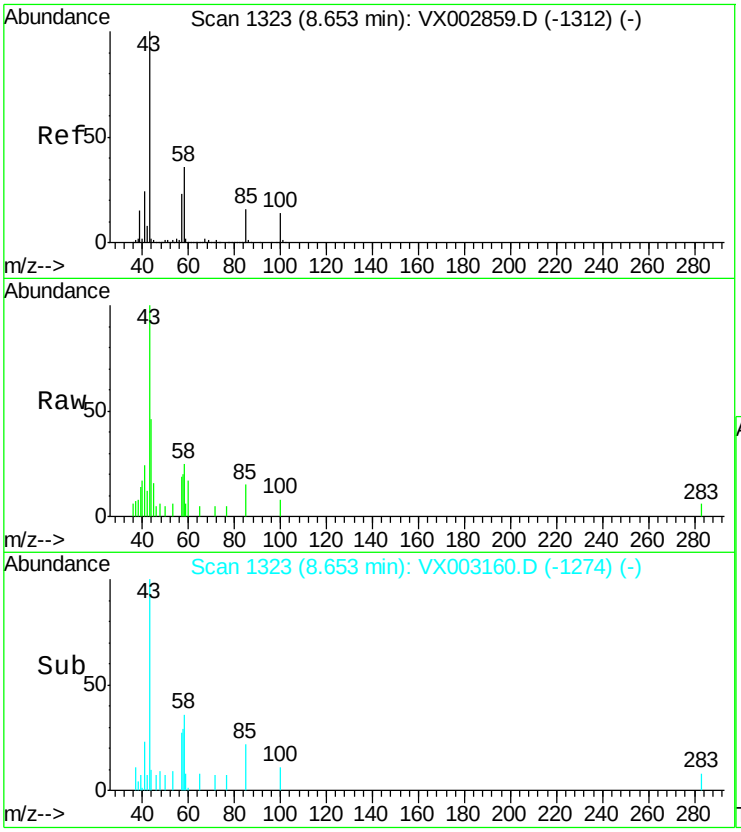


#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 98 Resp: 513026

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3



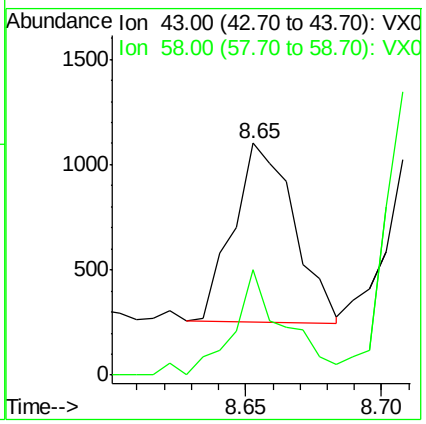


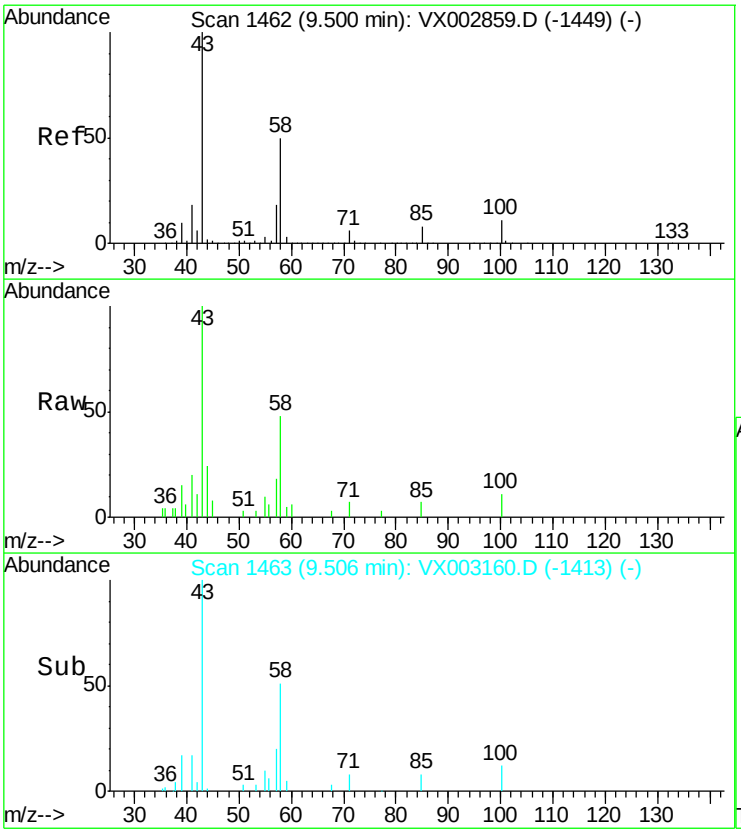
#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1309

Ion	Ratio	Lower	Upper
43	100		
58	50.8	28.6	42.8#

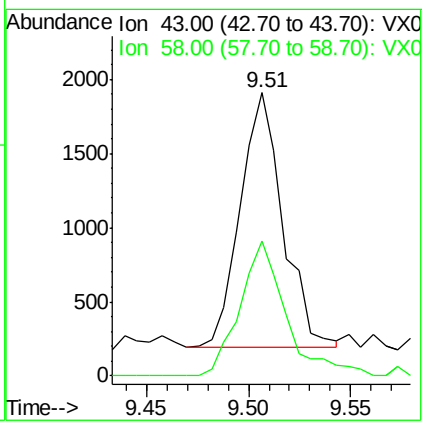


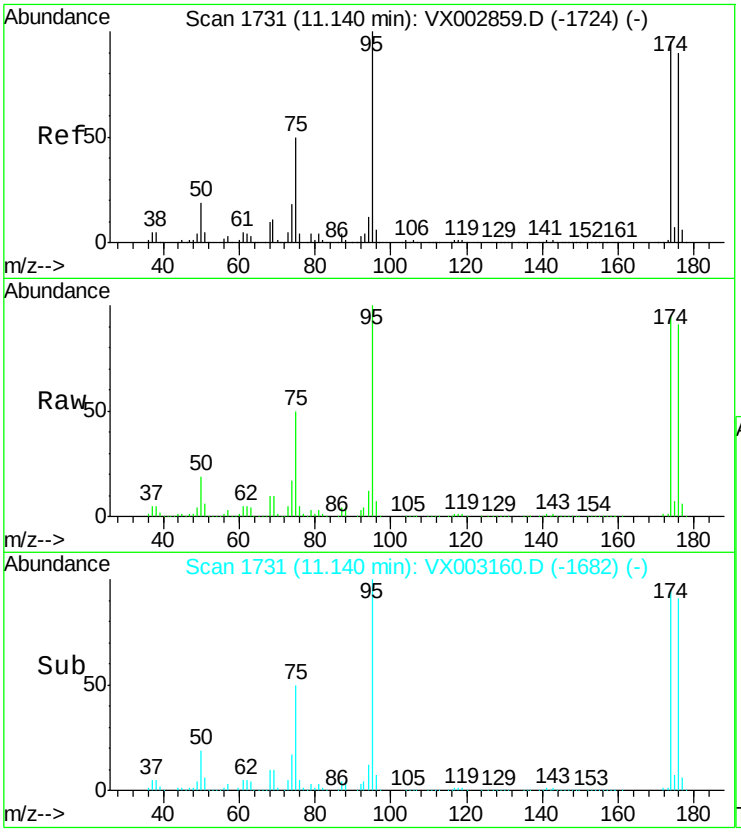


#59
2-Hexanone
Concen: 0.74 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 43 Resp: 2507

Ion	Ratio	Lower	Upper
43	100		
58	57.2	24.6	73.6



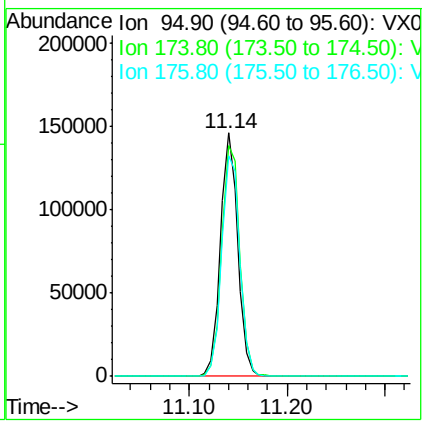


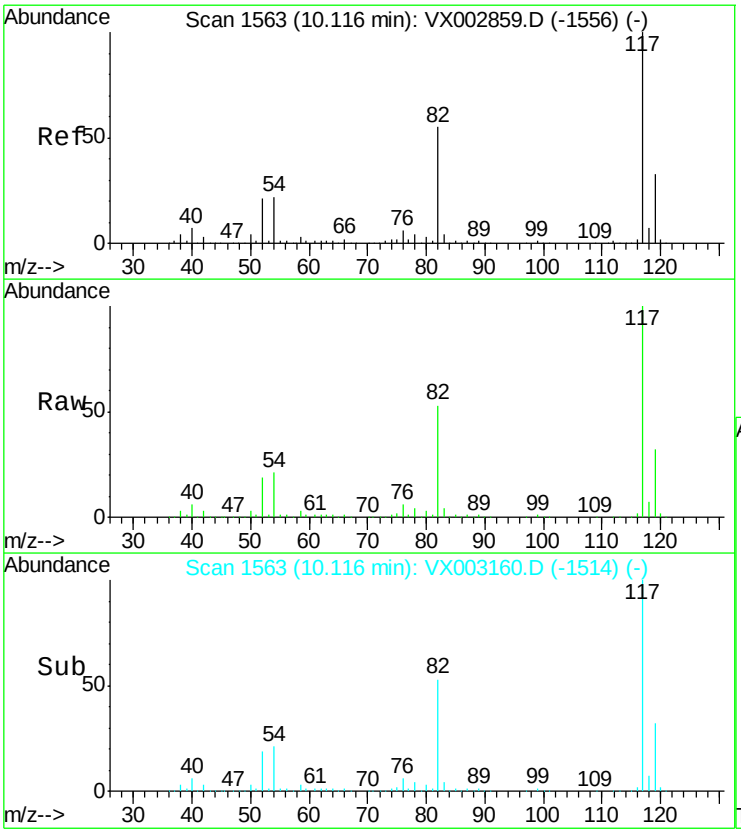
#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 179293

Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	187.4
176	95.4	0.0	181.0

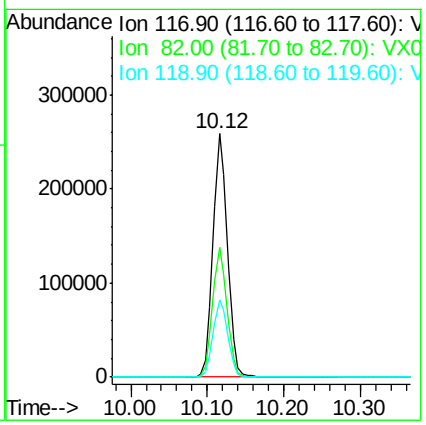


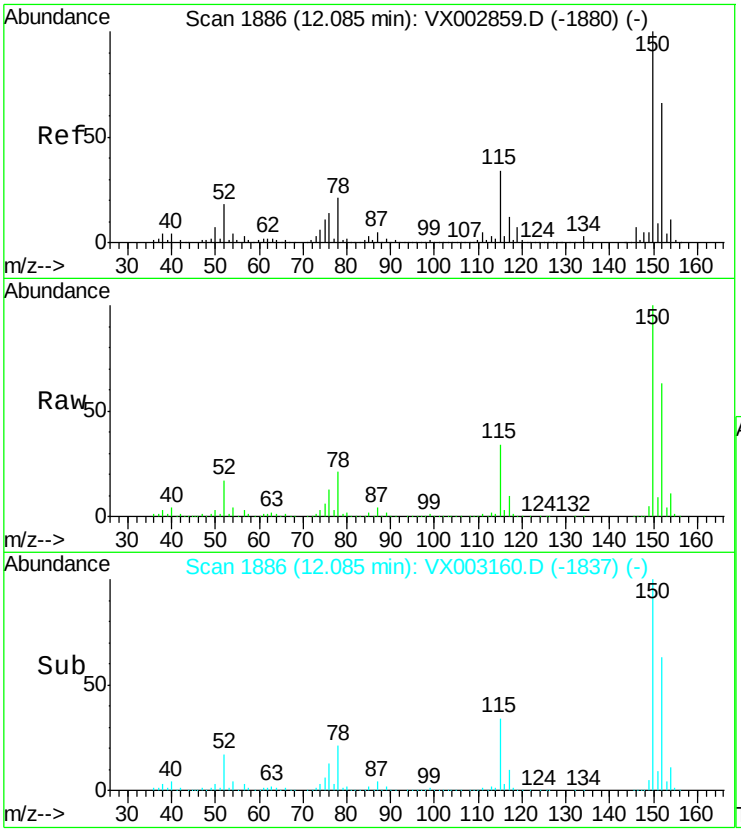


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion:117 Resp: 338905

Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.0	67.4
119	31.6	25.8	38.6



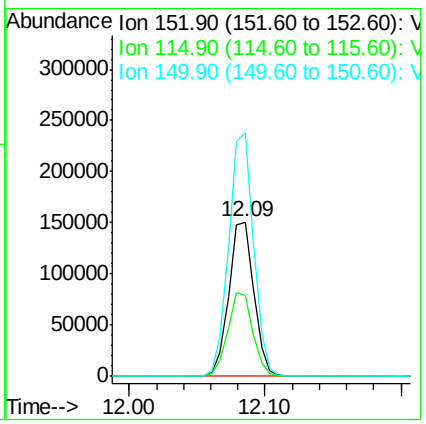


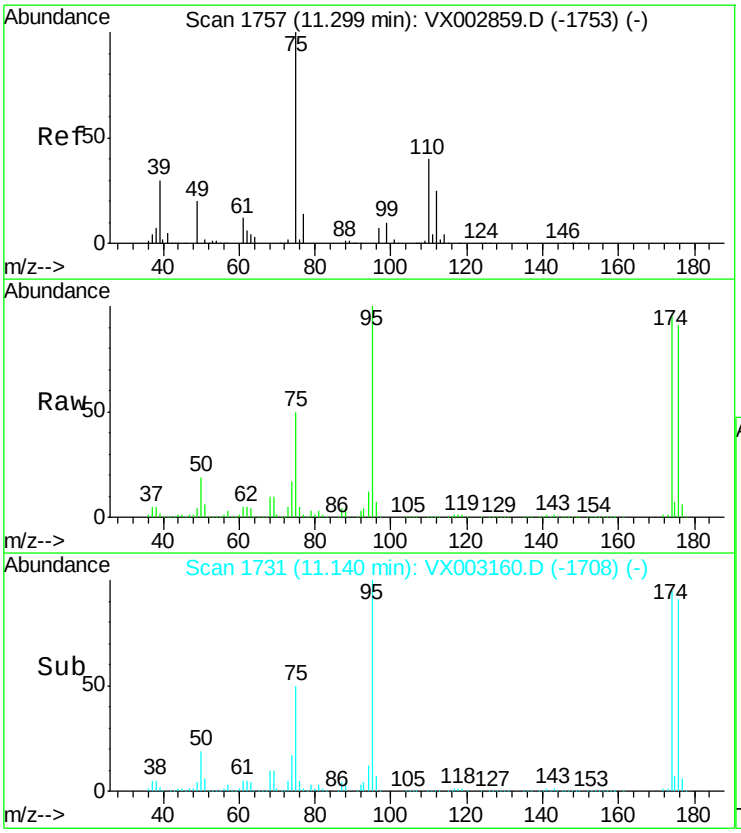
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 193197

Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	156.7	0.0	347.2

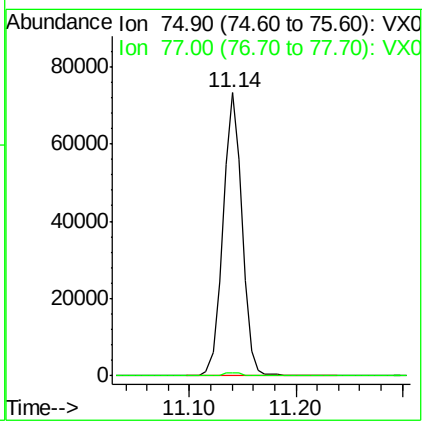


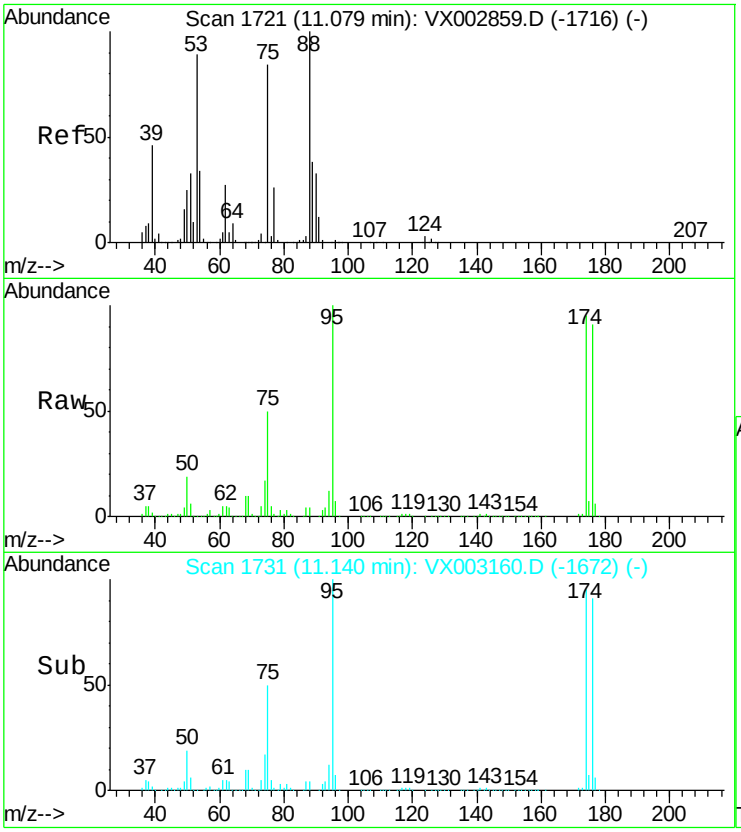


#76
1,2,3-Trichloropropane
Concen: 26.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion: 75 Resp: 91470

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



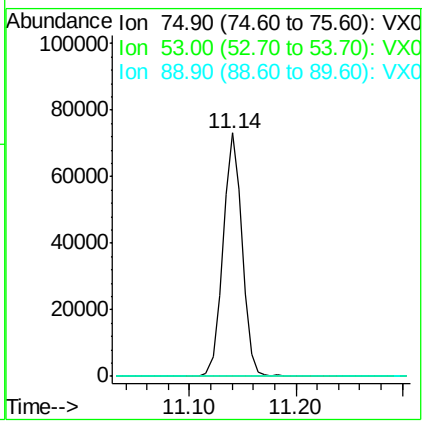


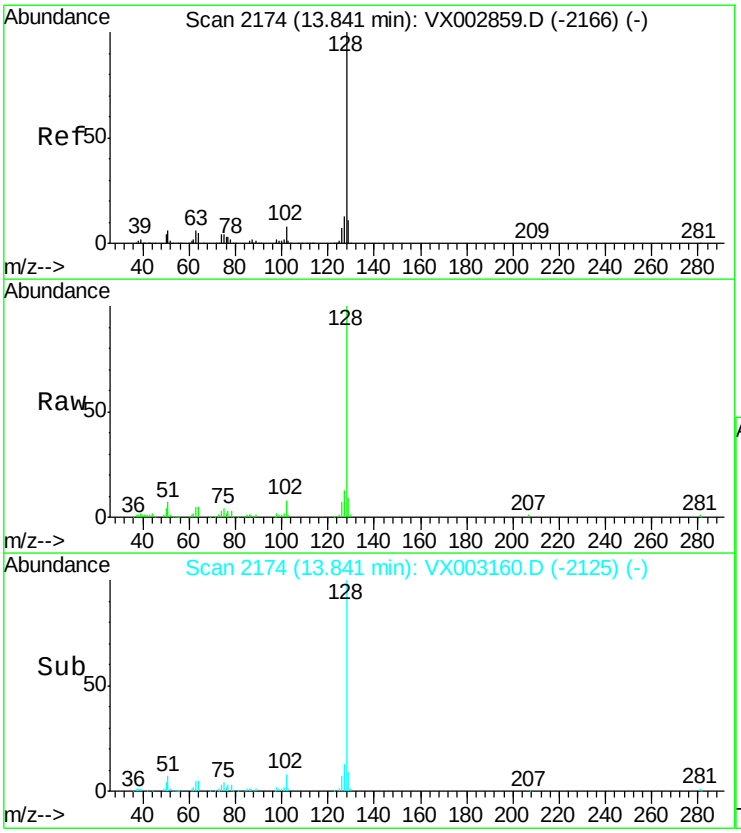
#81
trans-1,4-Dichloro-2-butene
Concen: 74.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91470

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#





#95
Naphthalene
Concen: 1.93 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003160.D
Acq: 03 Jul 2018 20:20

Tgt Ion:128 Resp: 25464

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0