Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003162.D
Acq On : 03 Jul 2018 21:14
Operator : JC/MD
Sample : J3813-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 04 03:19:58 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	262185	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	368334	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	345250	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197205	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	169675	46.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.64%				
35) Dibromofluoromethane	5.51	113	143062	49.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.10%				
50) Toluene-d8	8.72	98	518719	48.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.40%				
62) 4-Bromofluorobenzene	11.14	95	183792	44.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	83	Below Cal		#	43
3) Chloromethane	1.32	50	470	Below Cal		#	81
5) Bromomethane	1.65	94	2068	Below Cal			100
6) Chloroethane	1.70	64	386	Below Cal		#	64
10) Methyl Iodide	2.53	142	1514	6.68	ug/l	#	96
11) Tert butyl alcohol	3.09	59	1378	1.91	ug/l	#	94
13) Acrolein	2.29	56	320	5.02	ug/l	#	65
15) Acrylonitrile	3.16	53	361	0.23	ug/l	#	31
16) Acetone	2.45	43	23304	15.53	ug/l		93
18) Methyl Acetate	2.78	43	27149	6.47	ug/l		97
20) Methylene Chloride	2.86	84	6790	2.32	ug/l		94
25) 2-Butanone	4.72	43	4339	1.95	ug/l		95
29) Tetrahydrofuran	5.19	42	1613	1.13	ug/l	#	63
31) Cyclohexane	5.67	56	4871	1.07	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16944	4.19	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	22879	5.16	ug/l	#	15
48) Methyl methacrylate	7.71	41	6589	1.75	ug/l	#	18
49) 1,4-Dioxane	7.73	88	57	0.78	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	2142	0.47	ug/l		90
59) 2-Hexanone	9.51	43	748	0.22	ug/l	#	63
76) 1,2,3-Trichloropropane	11.14	75	92983	26.03	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	92983	73.81	ug/l	#	7

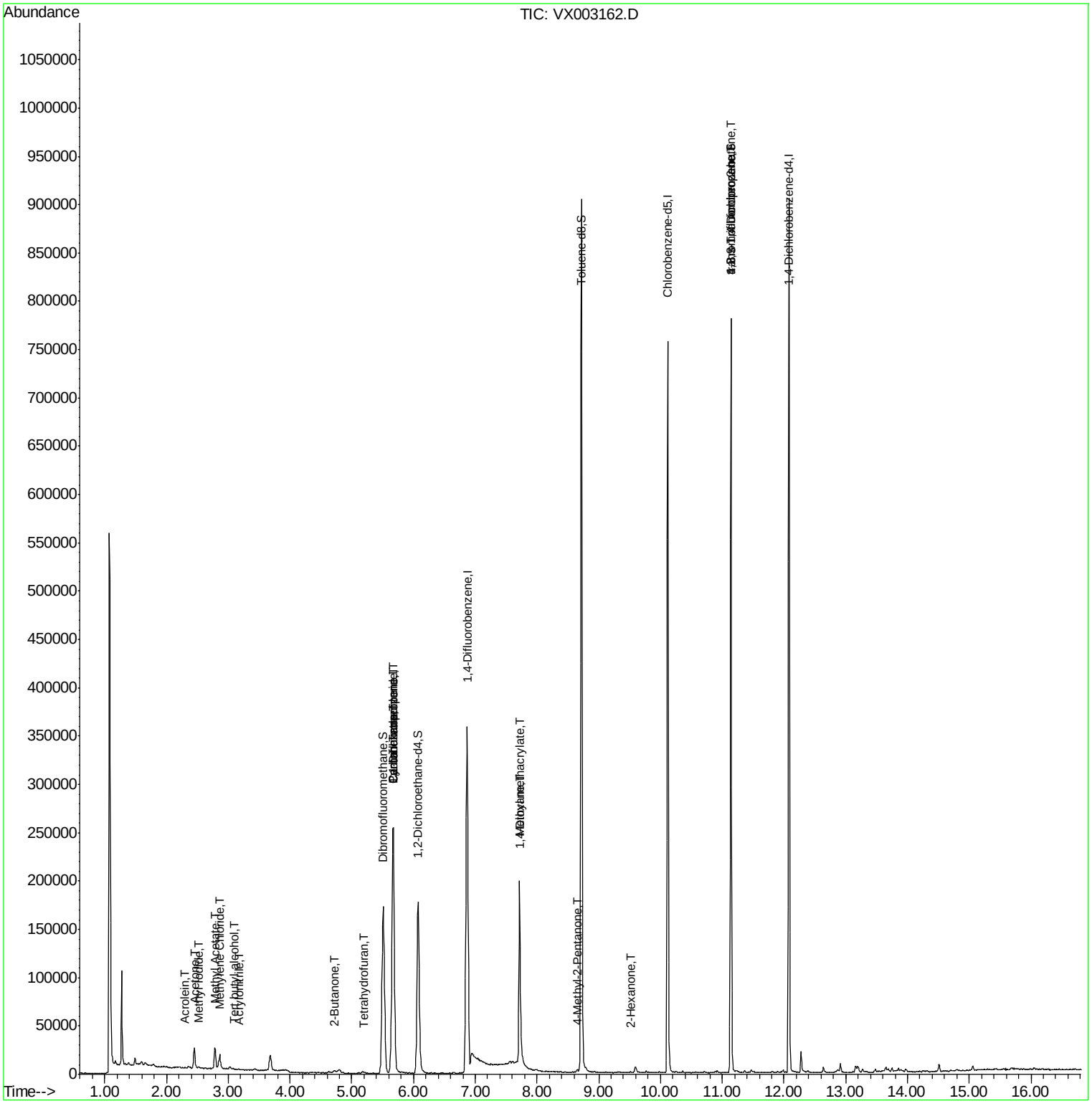
(#) = qualifier out of range (m) = manual integration (+) = signals summed

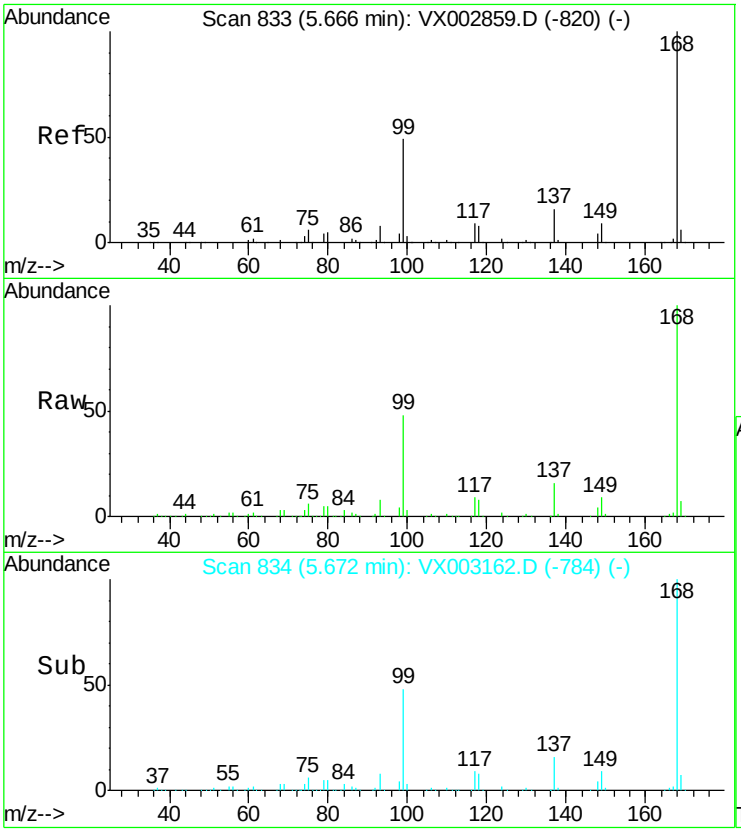
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003162.D
Acq On : 03 Jul 2018 21:14
Operator : JC/MD
Sample : J3813-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 04 03:19:58 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



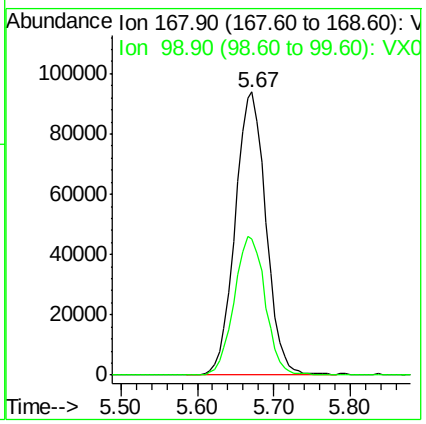


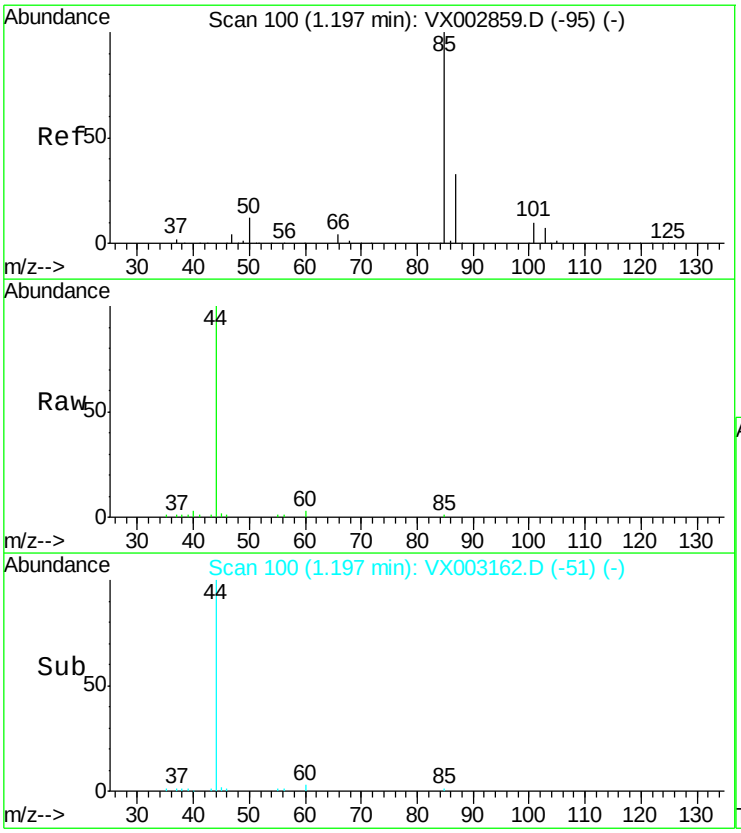
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 262185

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.3	58.9

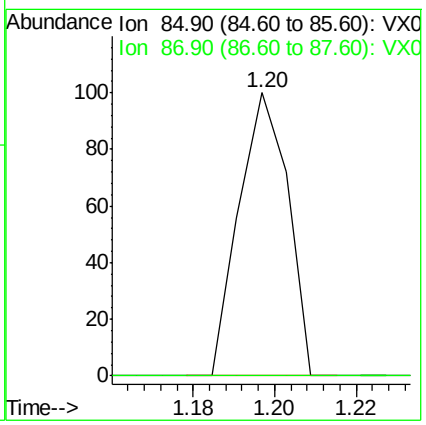


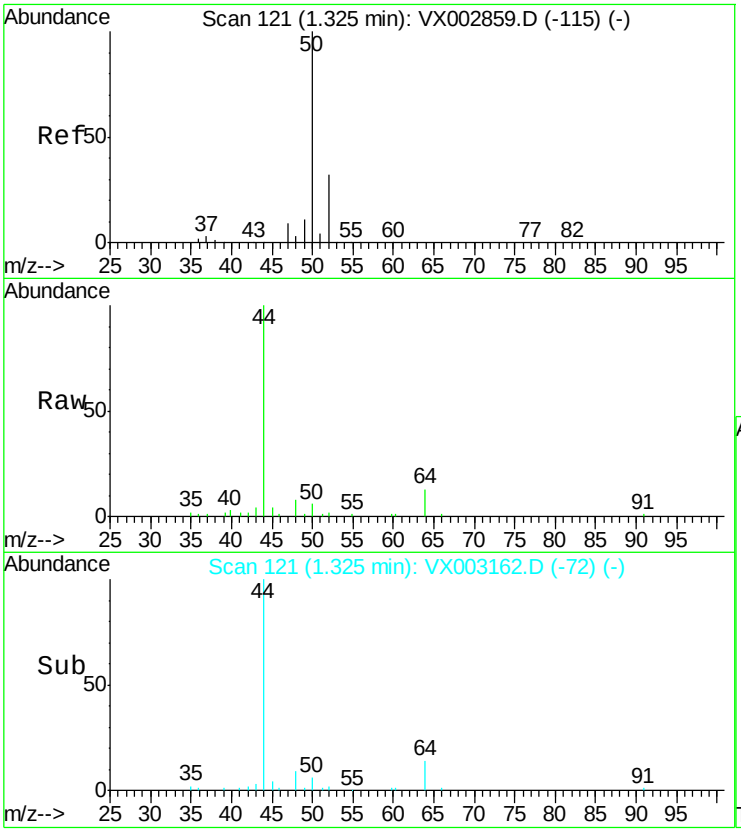


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 85 Resp: 83

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



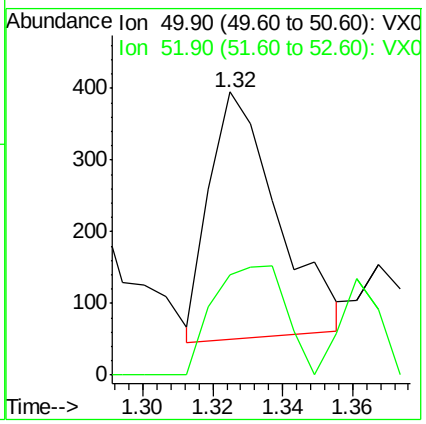


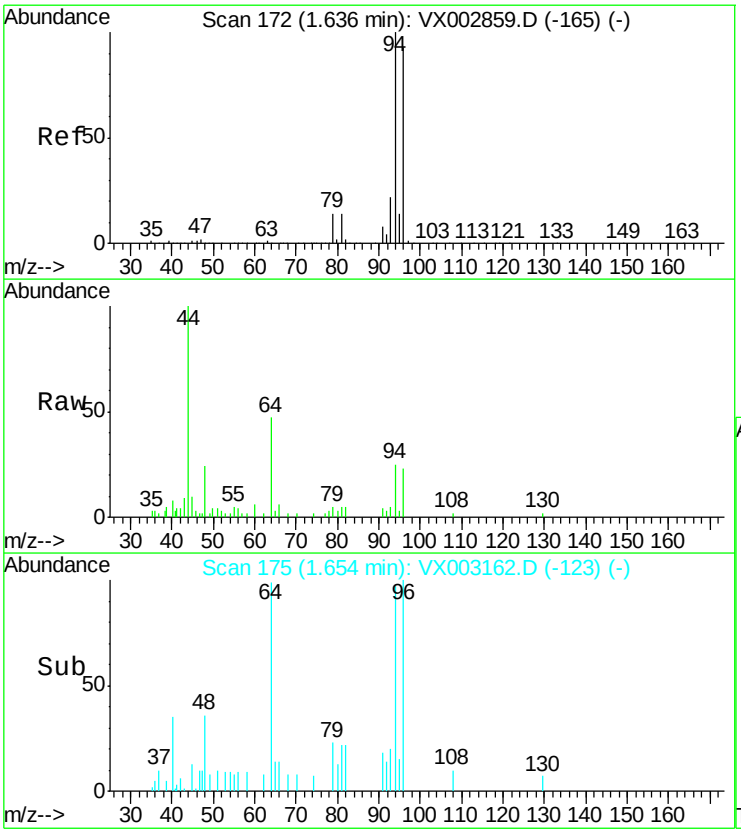
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 470

Ion	Ratio	Lower	Upper
50	100		
52	42.7	25.7	38.5#

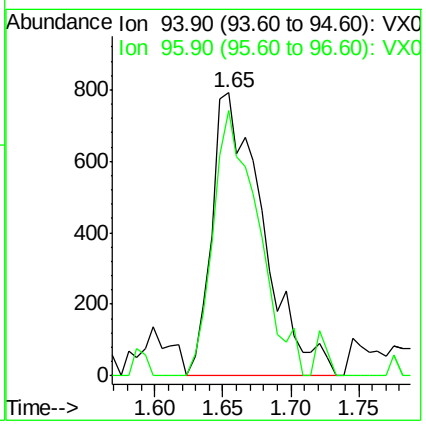


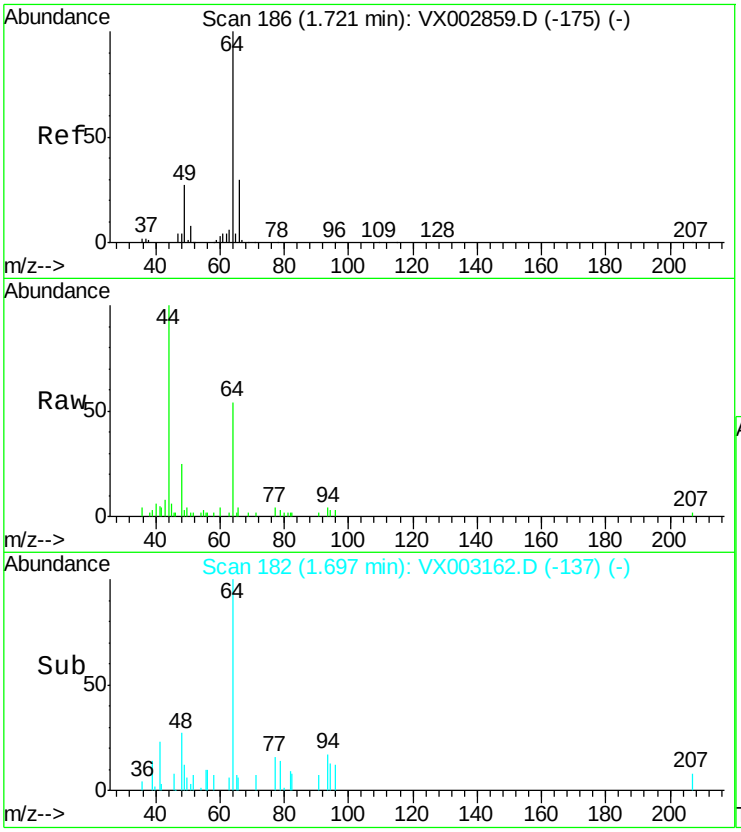


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 94 Resp: 2068

Ion	Ratio	Lower	Upper
94	100		
96	93.8	74.9	112.3



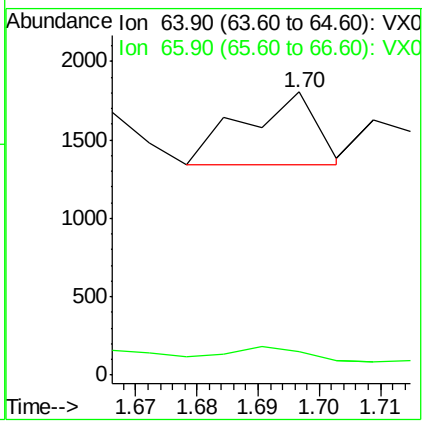


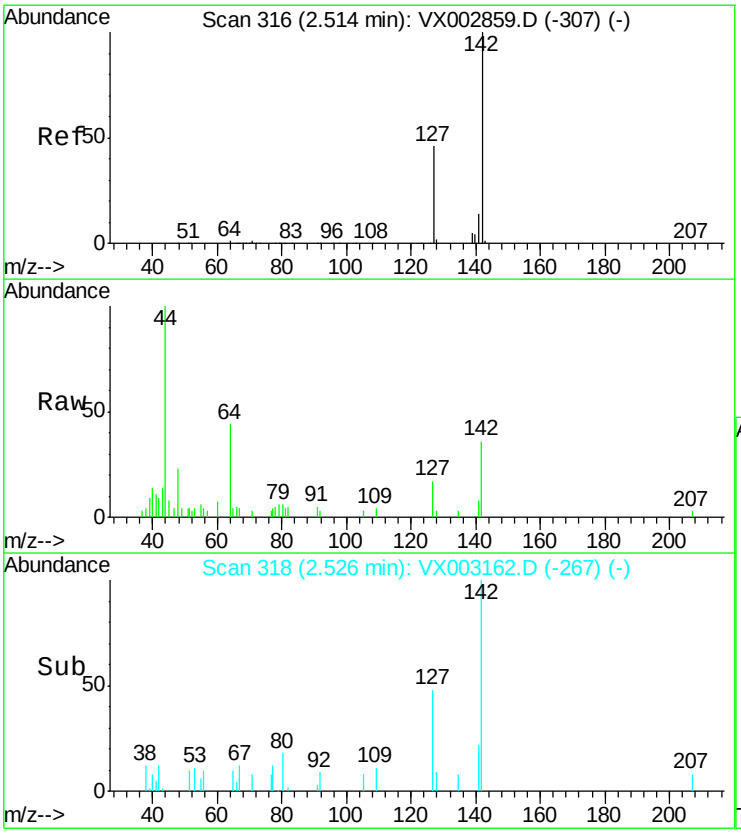
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 386

Ion	Ratio	Lower	Upper
64	100		
66	12.0	25.5	38.3#

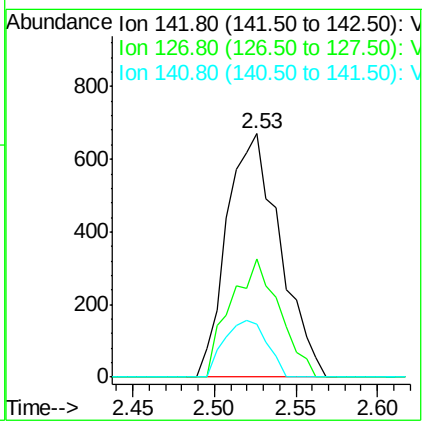


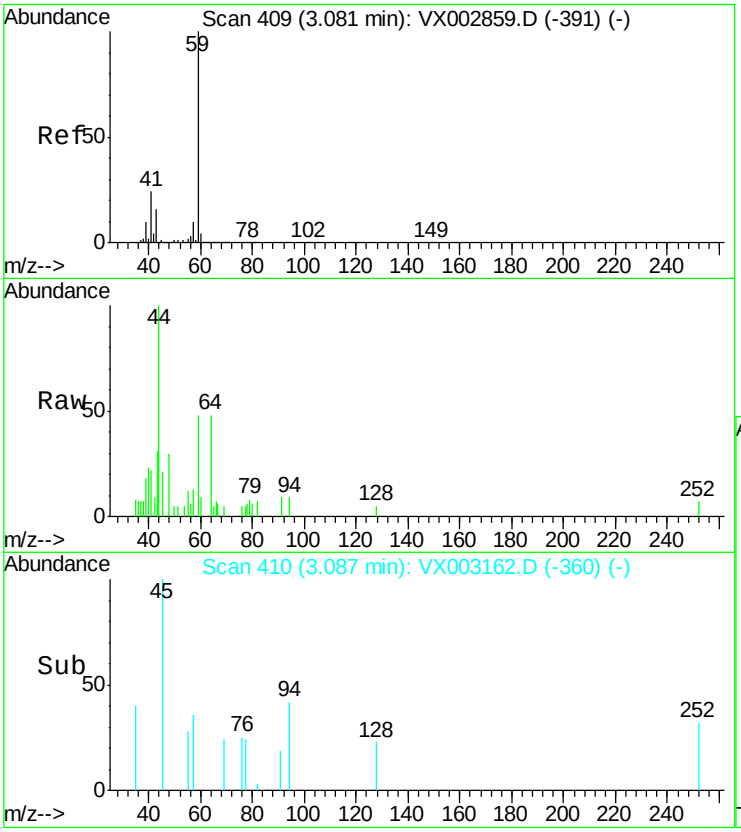


#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion:142 Resp: 1514

Ion	Ratio	Lower	Upper
142	100		
127	44.9	36.6	55.0
141	18.9	11.3	16.9#



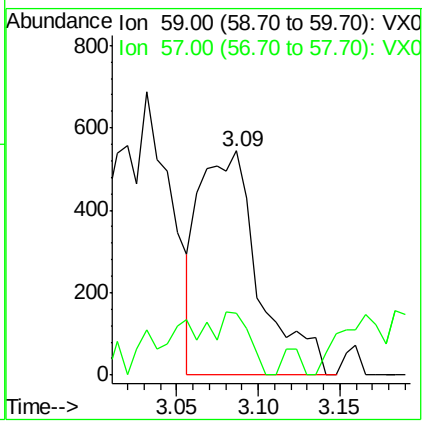


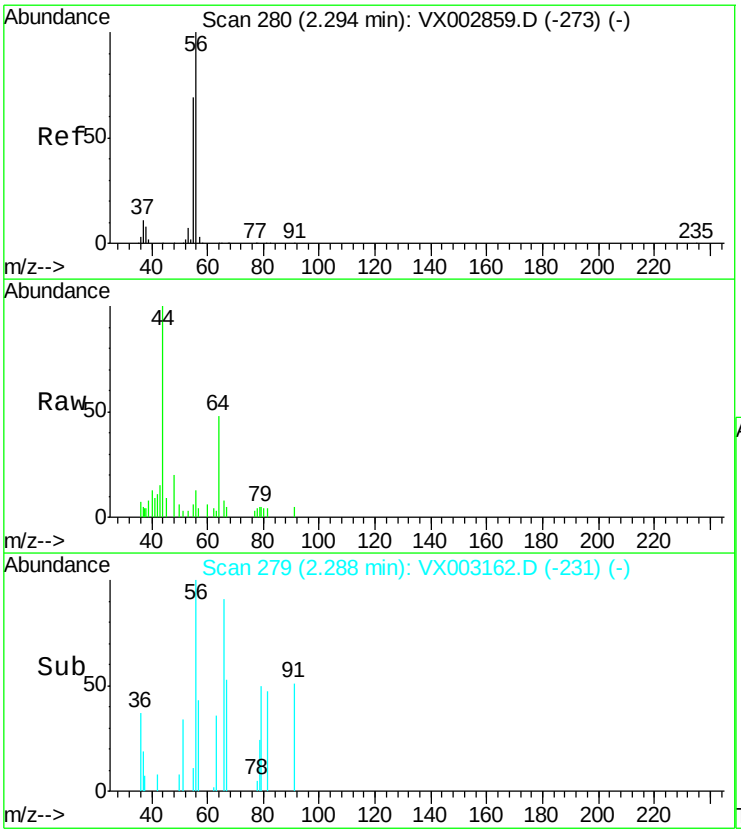
#11
Tert butyl alcohol
Concen: 1.91 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1378

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.2	12.2#

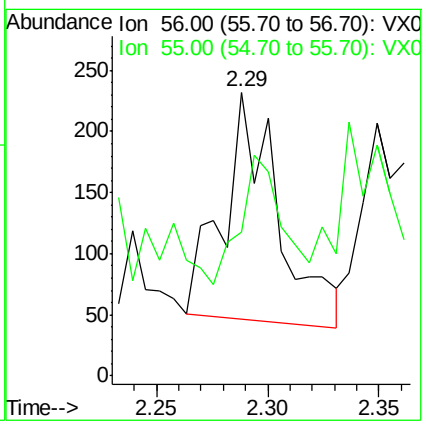


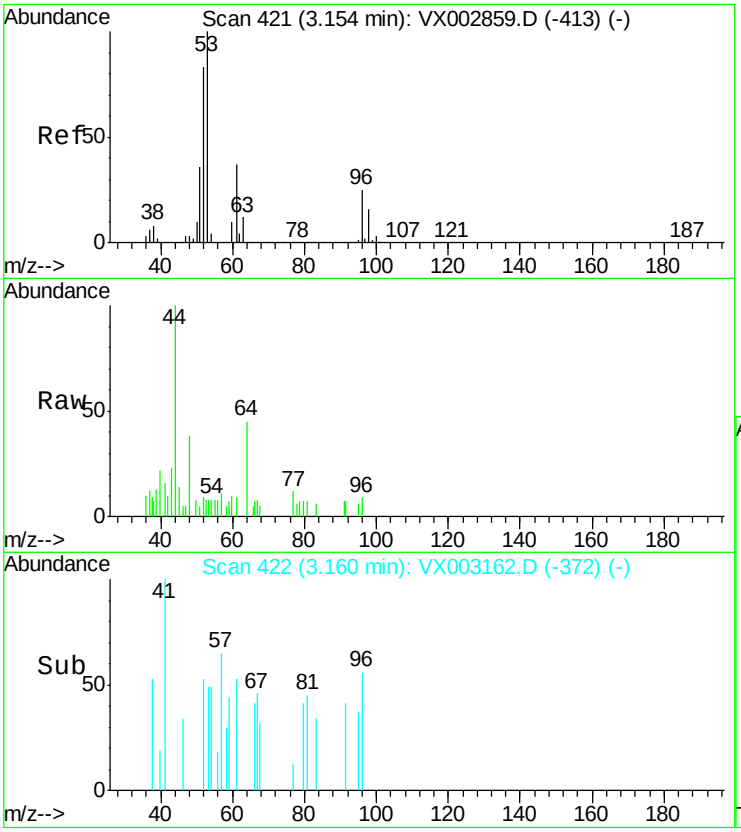


#13
Acrolein
Concen: 5.02 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 56 Resp: 320

Ion	Ratio	Lower	Upper
56	100		
55	42.5	57.0	85.4#



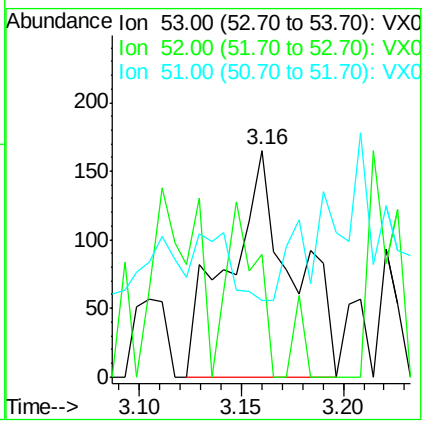


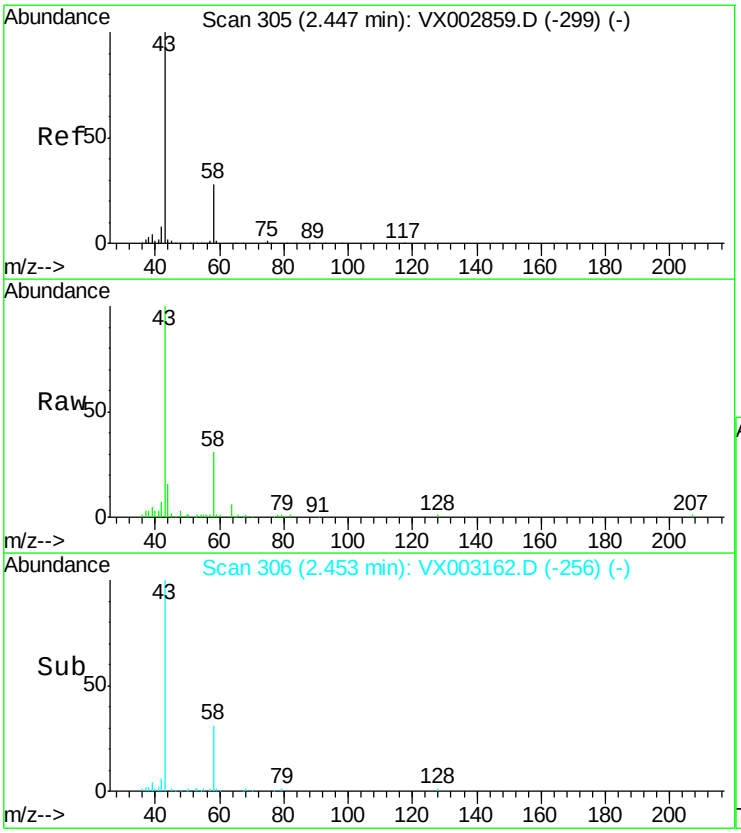
#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 361

Ion	Ratio	Lower	Upper
53	100		
52	6.1	66.7	100.1#
51	17.7	29.9	44.9#

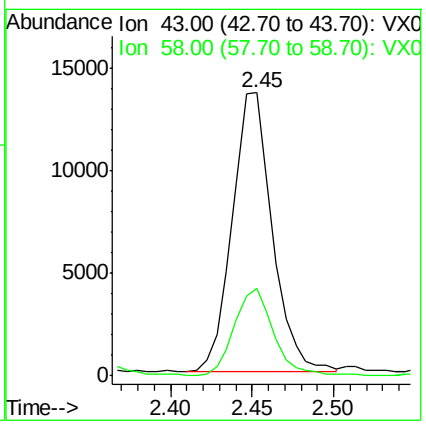


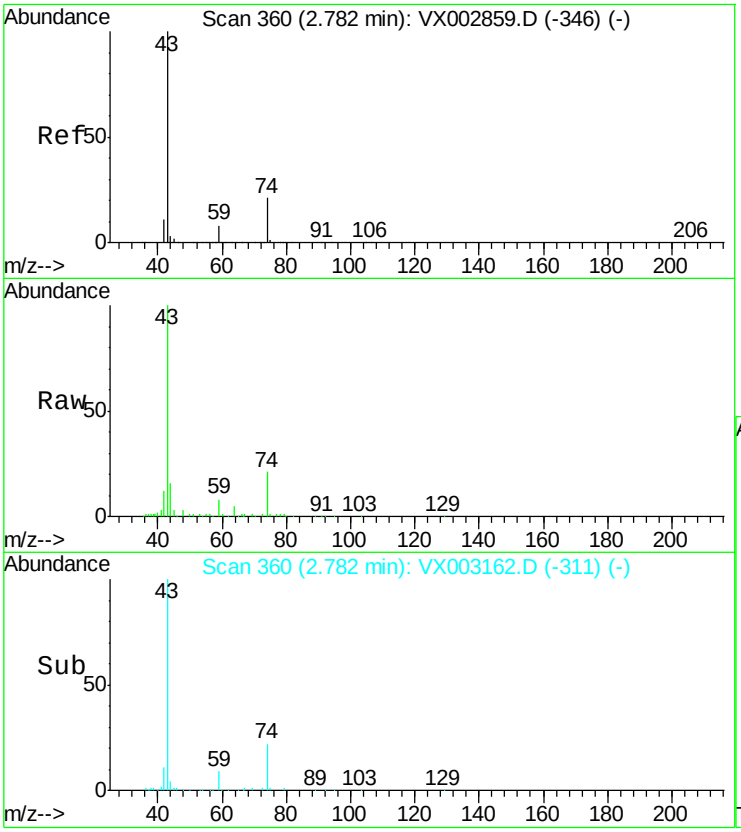


#16
Acetone
Concen: 15.53 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 43 Resp: 23304

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.1	33.1



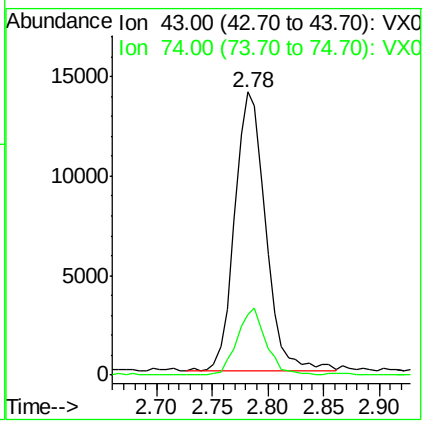


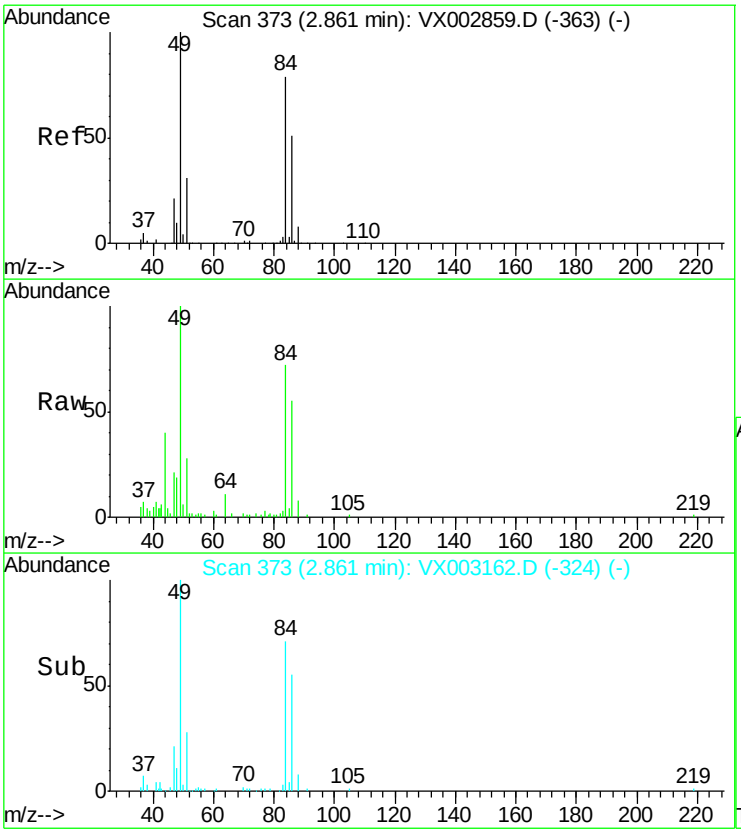
#18
Methyl Acetate
Concen: 6.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 27149

Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1

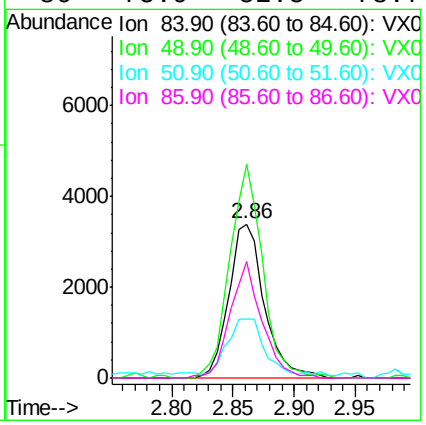


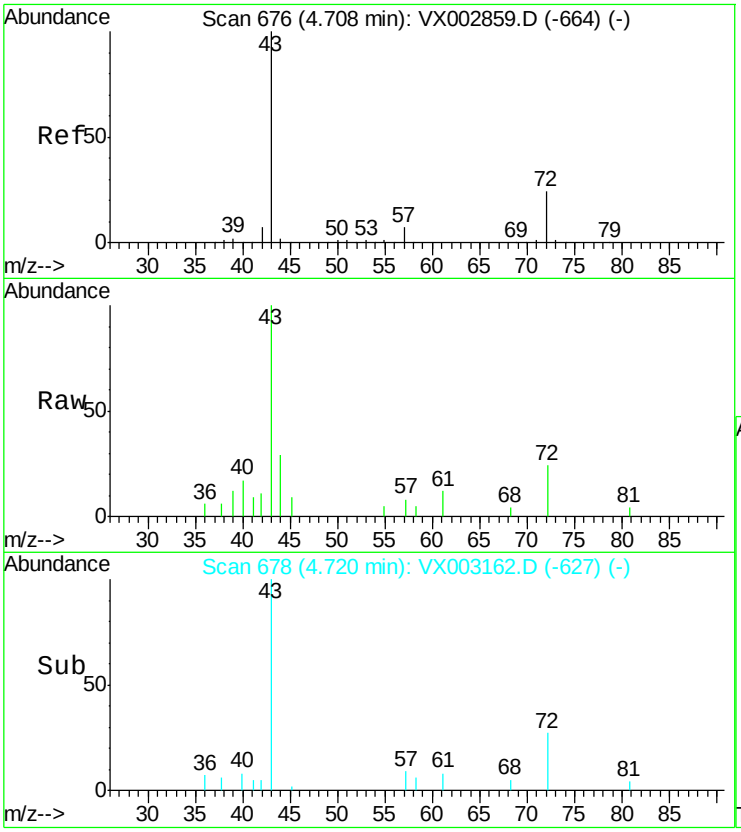


#20
Methylene Chloride
Concen: 2.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 84 Resp: 6790

Ion	Ratio	Lower	Upper
84	100		
49	138.5	107.8	161.6
51	36.9	32.8	49.2
86	75.9	52.5	78.7



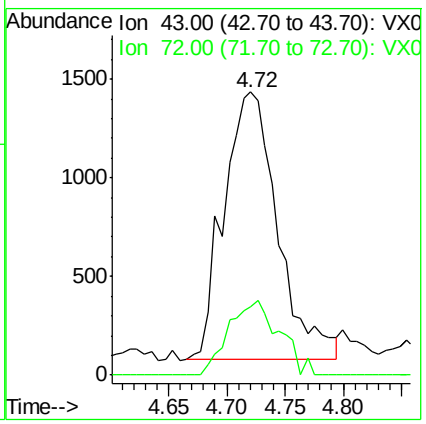


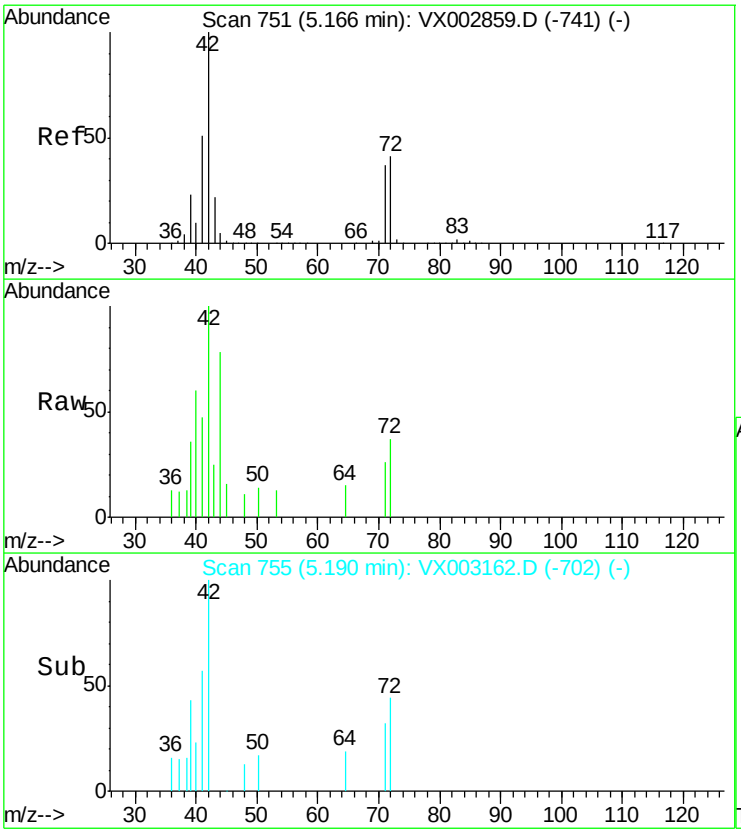
#25
2-Butanone
Concen: 1.95 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4339

Ion	Ratio	Lower	Upper
43	100		
72	25.5	18.5	27.7

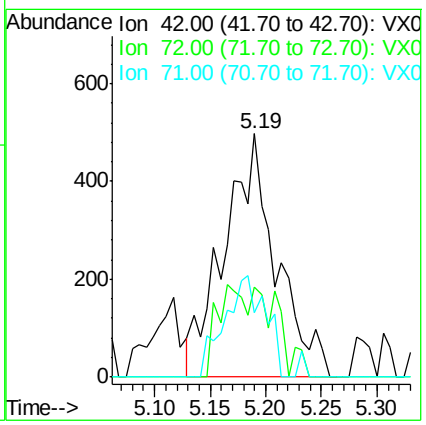


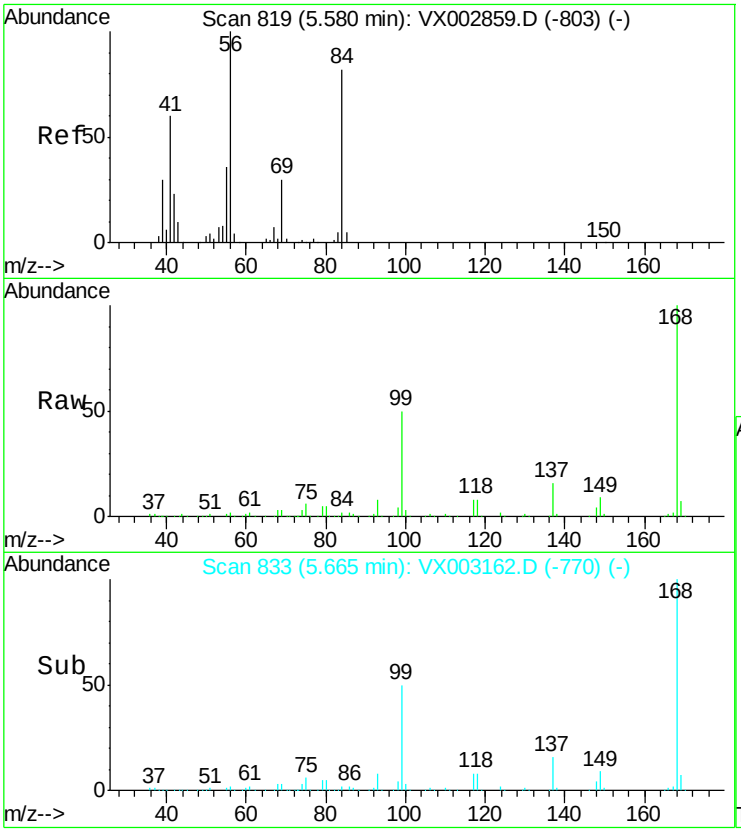


#29
Tetrahydrofuran
Concen: 1.13 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 42 Resp: 1613

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	33.0	30.1	45.1



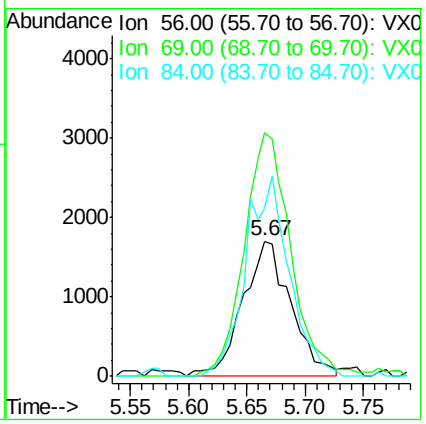


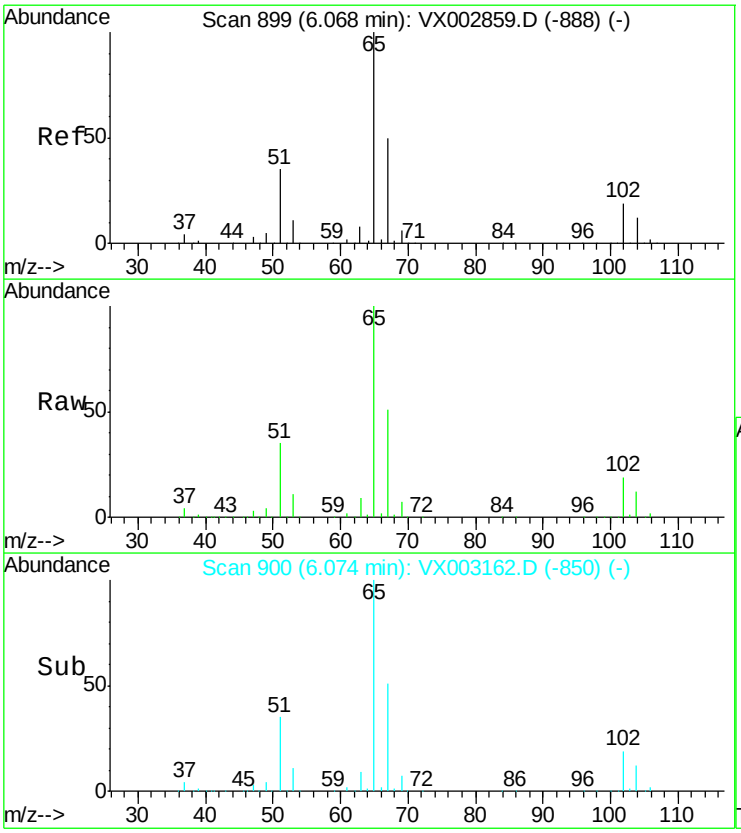
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4871

Ion	Ratio	Lower	Upper
56	100		
69	180.4	23.7	35.5#
84	124.8	64.1	96.1#

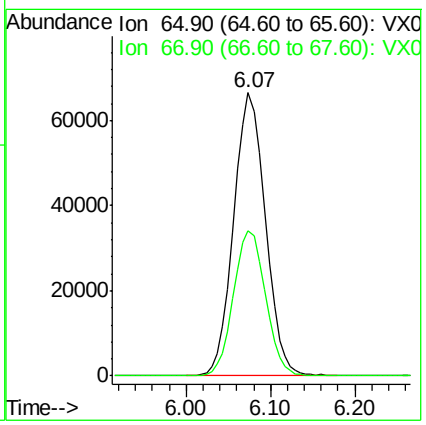


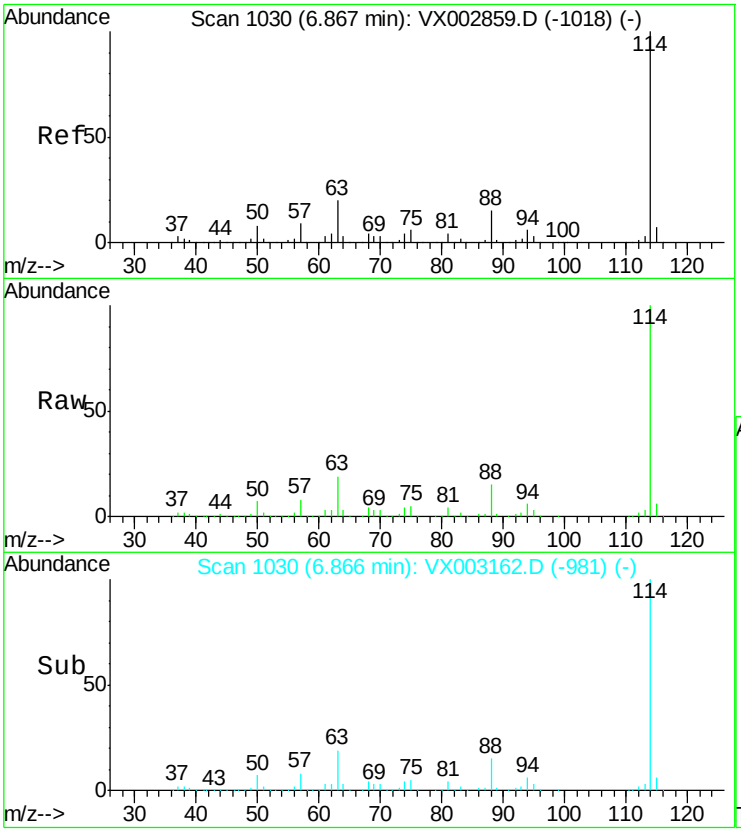


#33
1,2-Dichloroethane-d4
Concen: 46.82 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 65 Resp: 169675

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6



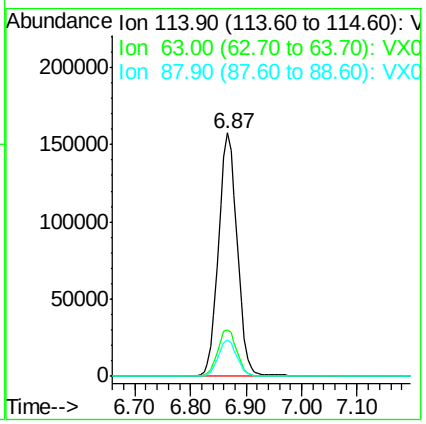


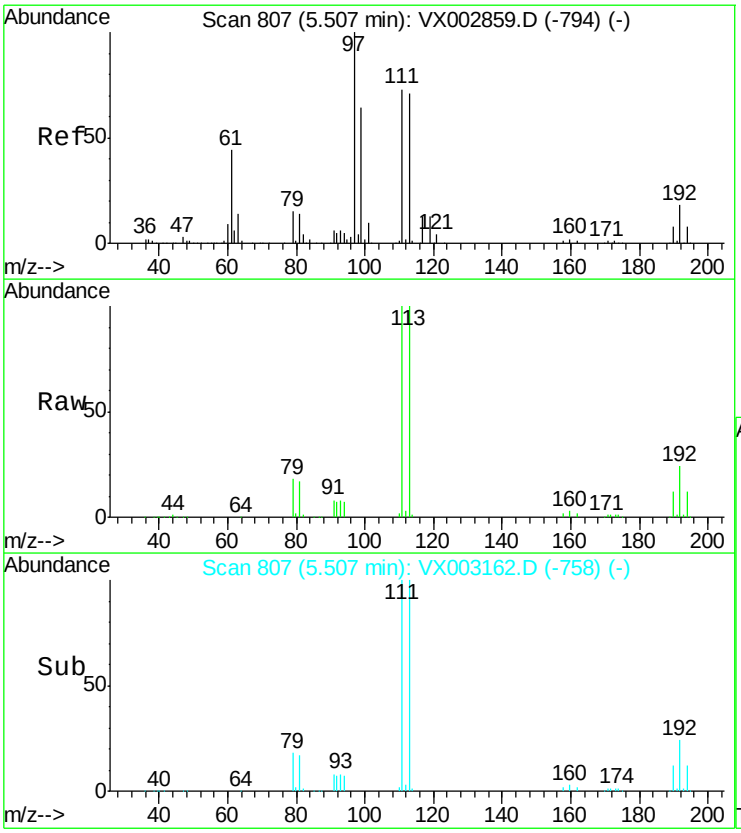
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 368334

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.2	0.0	30.0

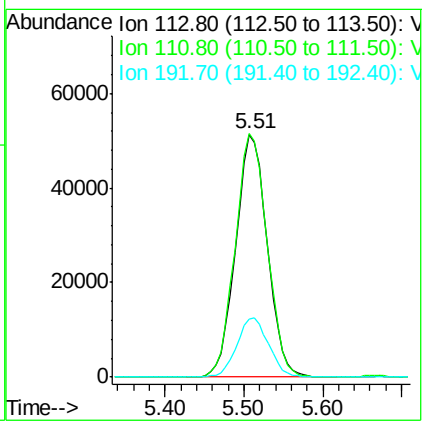


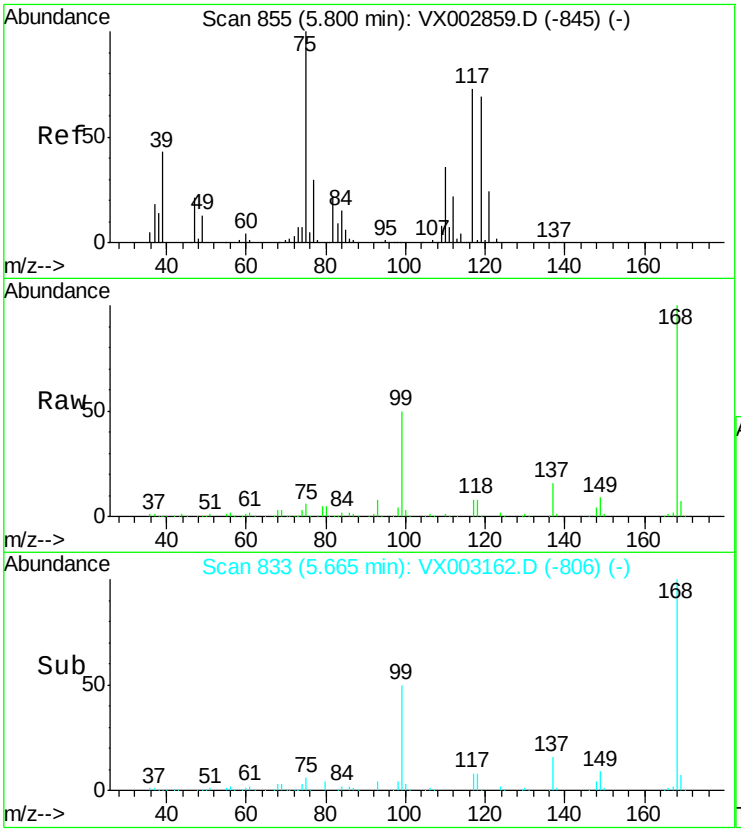


#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion:113 Resp: 143062

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	24.5	19.1	28.7



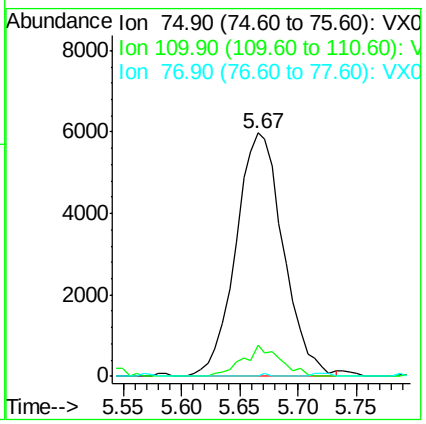


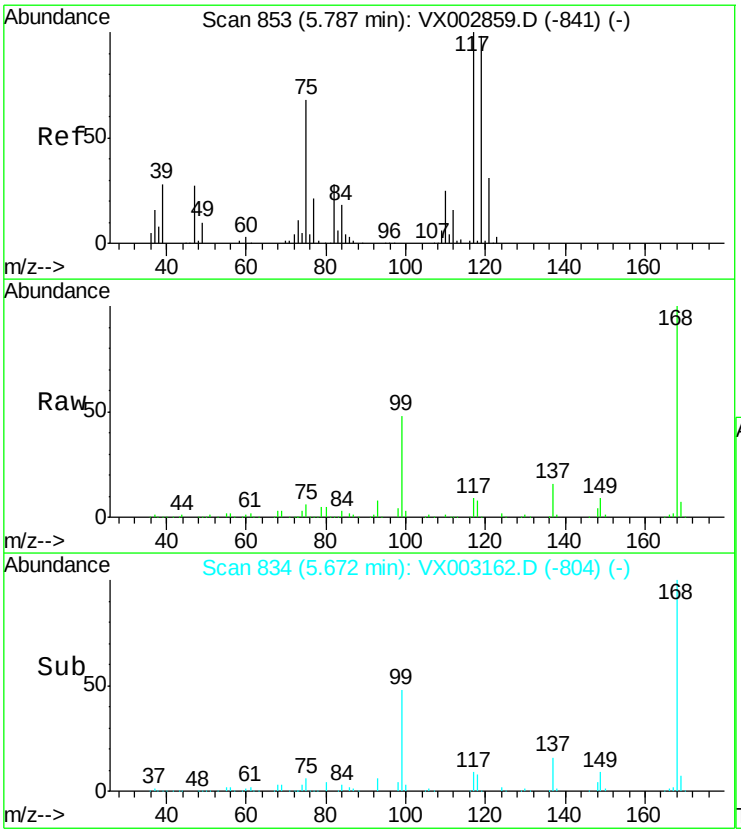
#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16944

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.2	24.3	36.5#

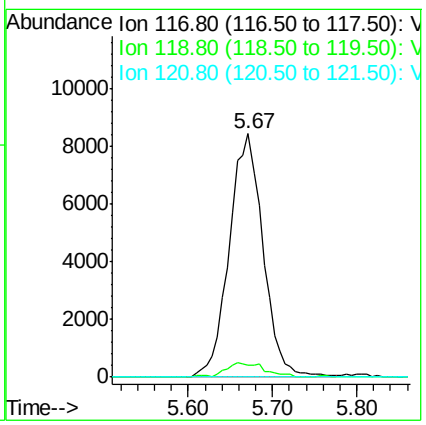


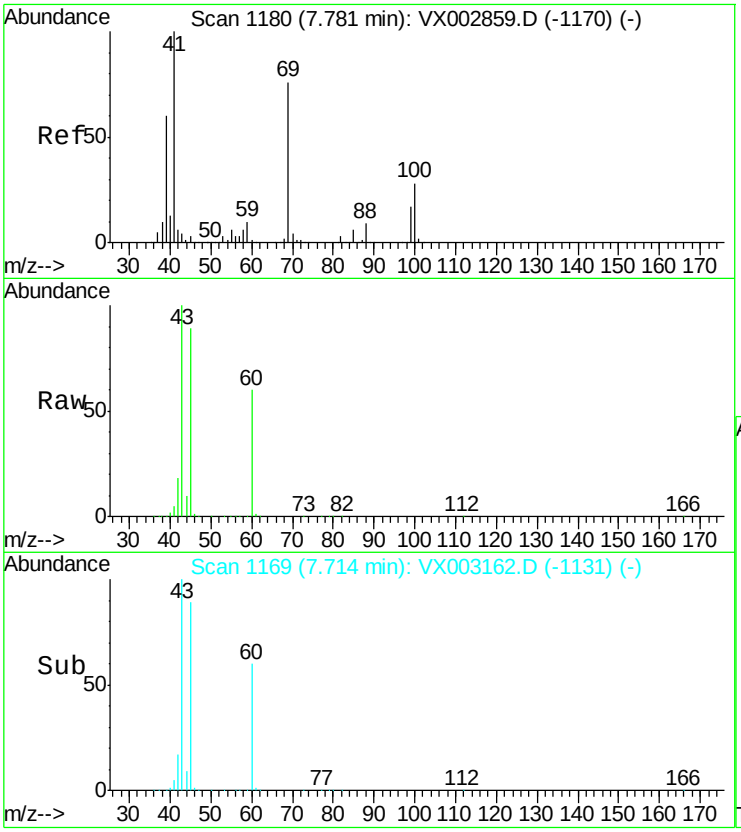


#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion:117 Resp: 22879

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.4	36.6#



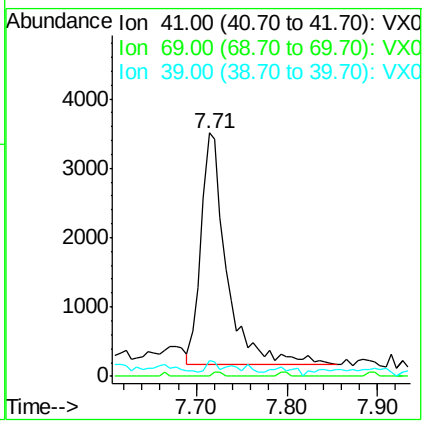


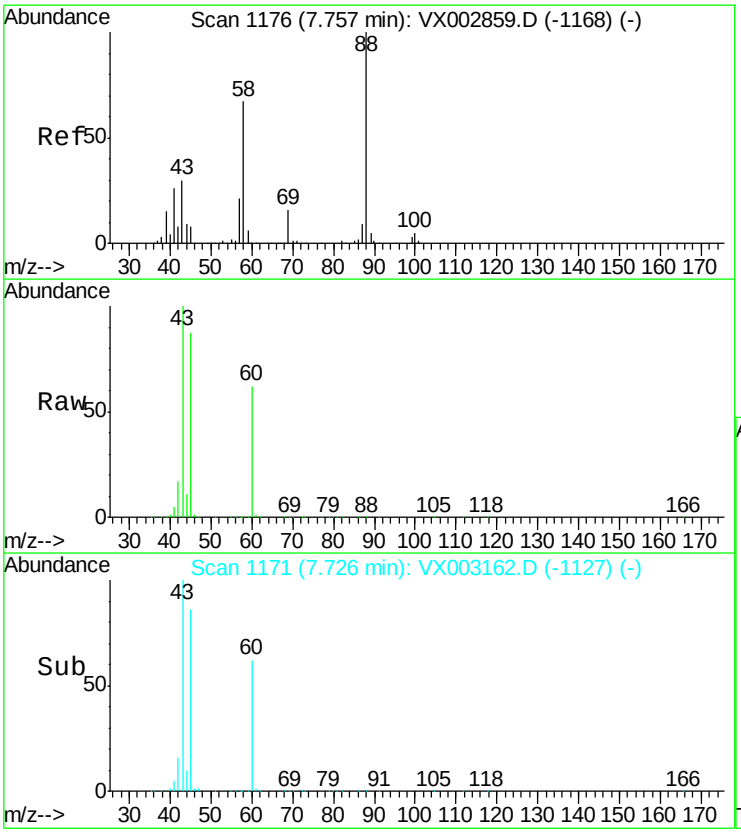
#48
Methyl methacrylate
Concen: 1.75 ug/l
RT: 7.71 min Scan# 1169
Delta R.T. -0.07 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 6589

Ion	Ratio	Lower	Upper
41	100		
69	0.7	59.1	88.7#
39	2.3	48.9	73.3#

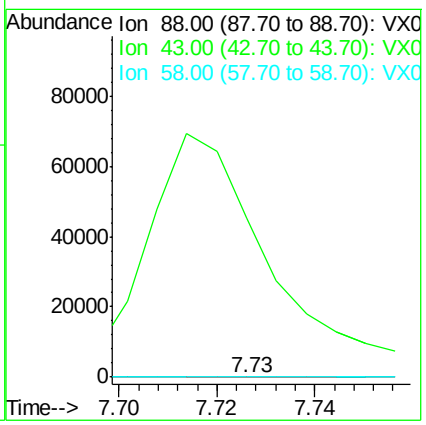


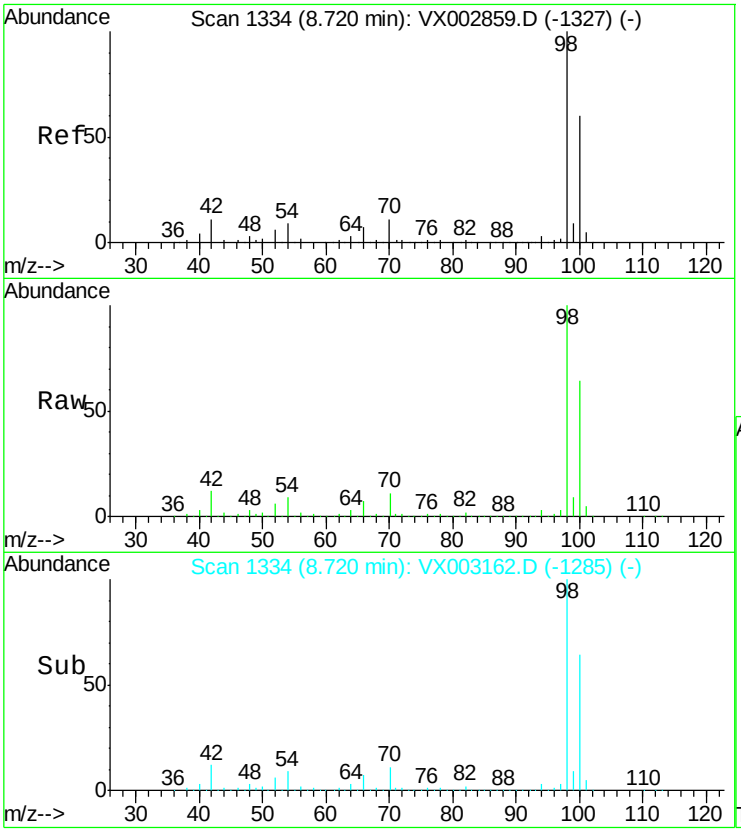


#49
1,4-Dioxane
Concen: 0.78 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.03 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
43	219742.1	29.8	44.6#
58	143.9	57.1	85.7#



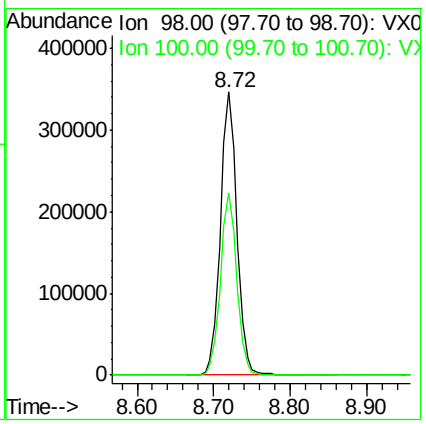


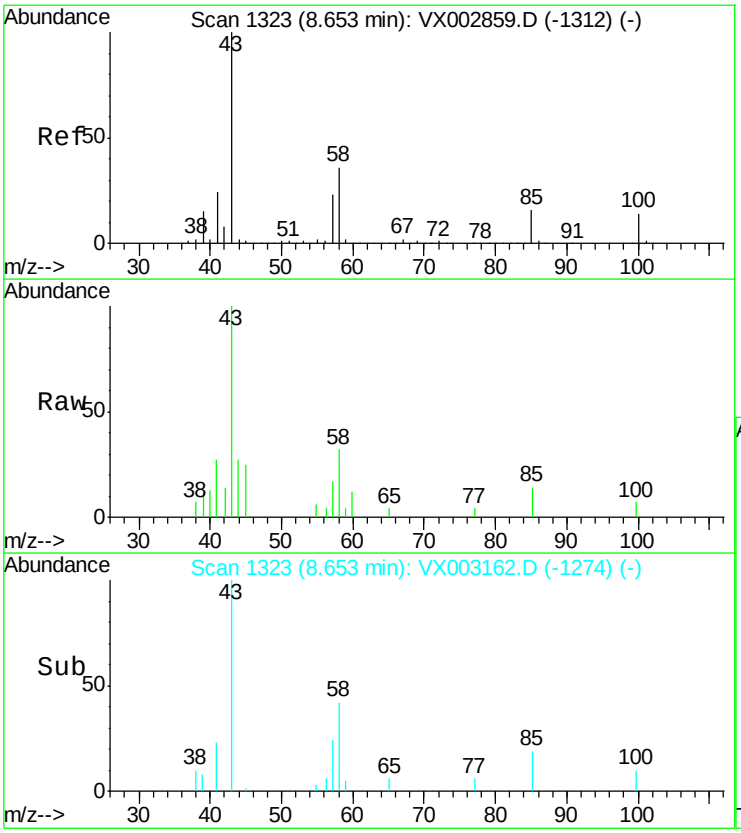
#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 518719

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

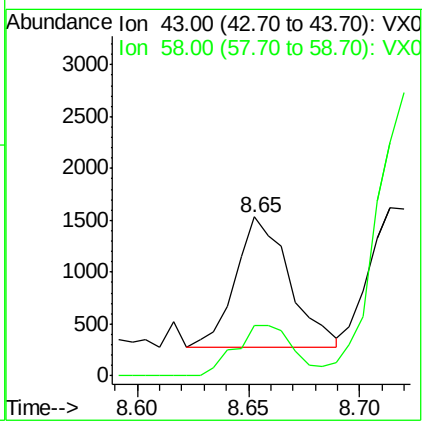


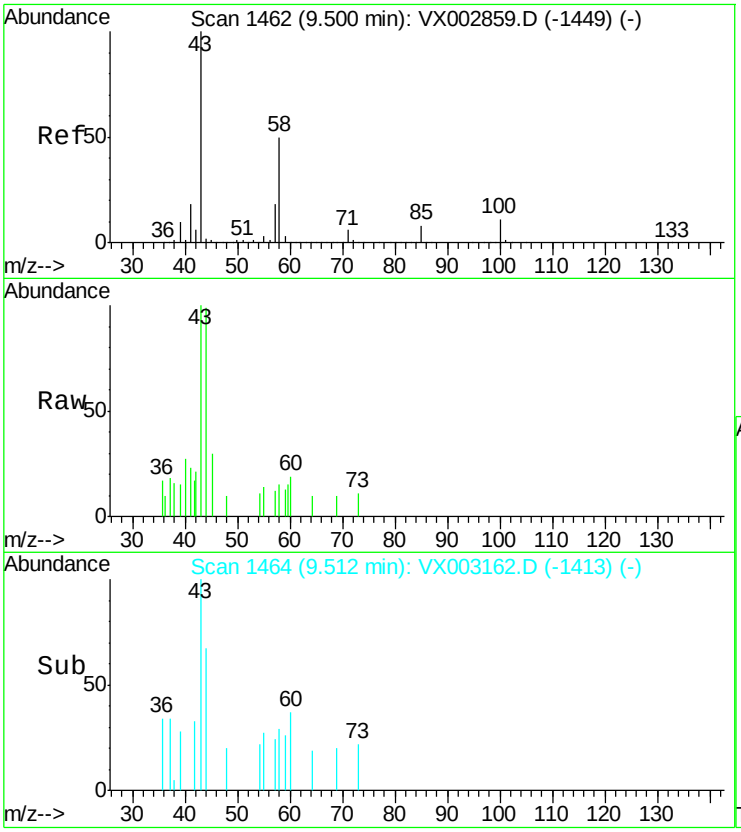


#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 43 Resp: 2142

Ion	Ratio	Lower	Upper
43	100		
58	41.6	28.6	42.8



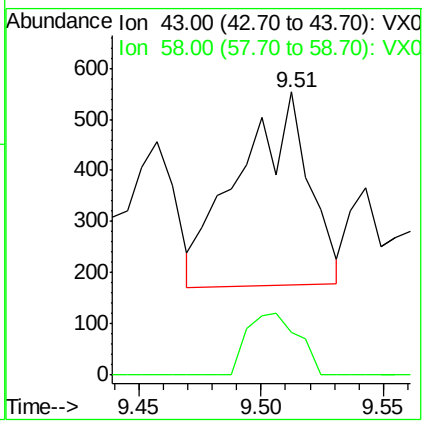


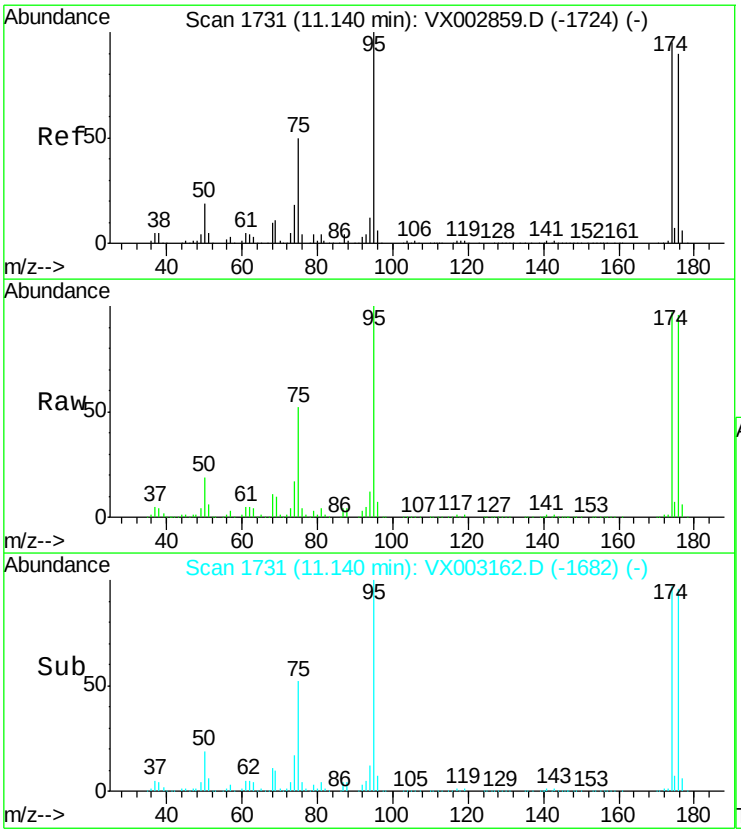
#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 748

Ion	Ratio	Lower	Upper
43	100		
58	23.5	24.6	73.6#

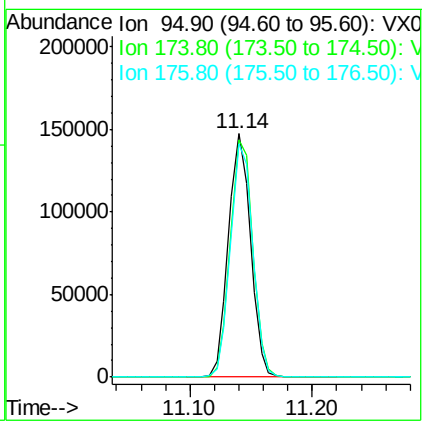


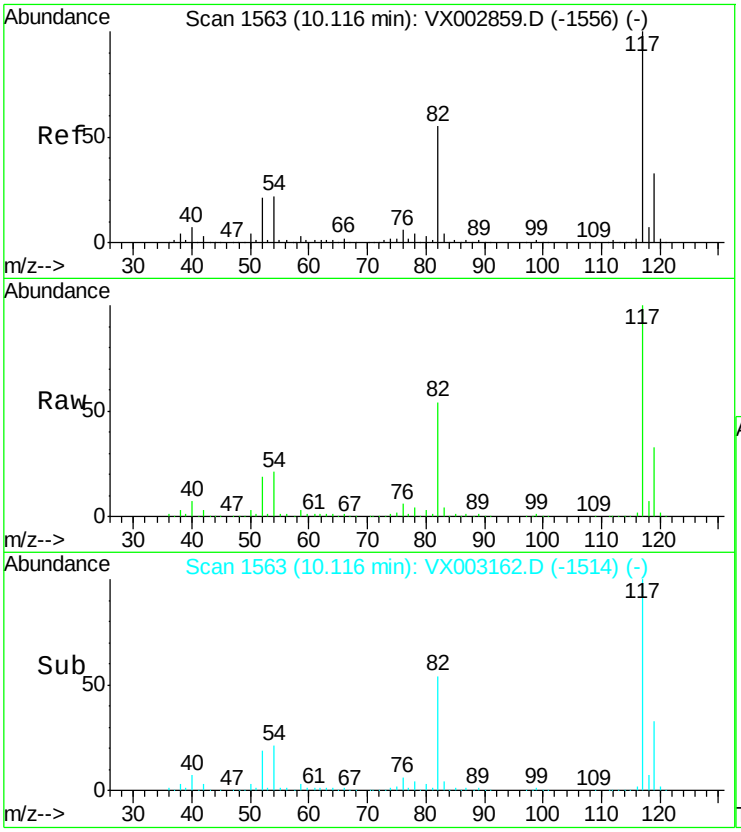


#62
4-Bromofluorobenzene
Concen: 44.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 95 Resp: 183792

Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	187.4
176	96.5	0.0	181.0



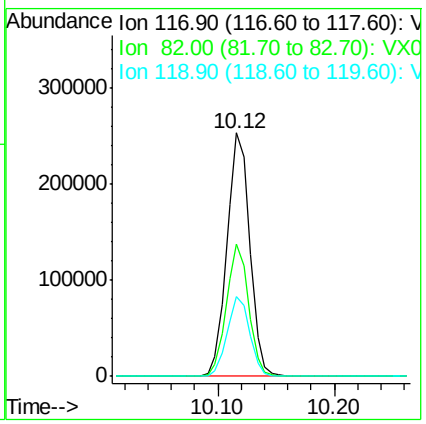


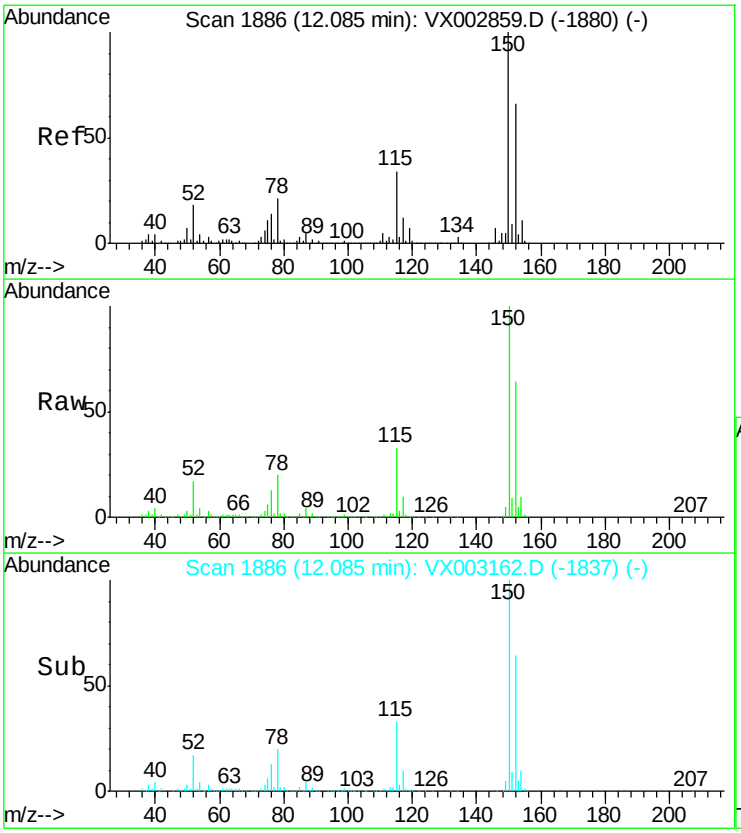
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 345250

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.7	25.8	38.6

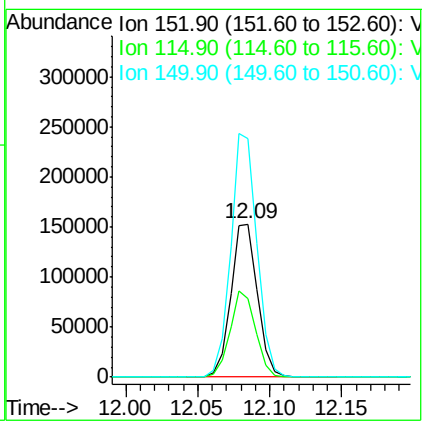


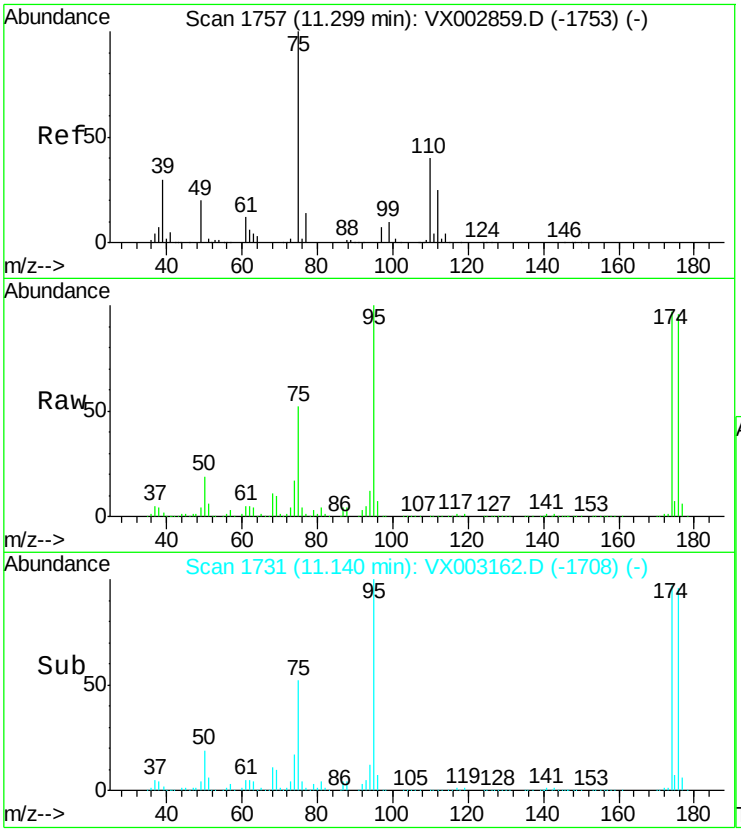


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion:152 Resp: 197205

Ion	Ratio	Lower	Upper
152	100		
115	54.2	40.1	120.2
150	157.1	0.0	347.2



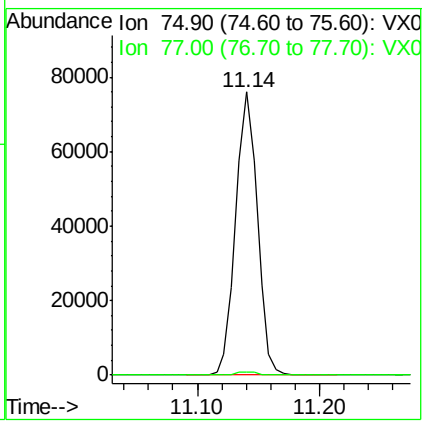


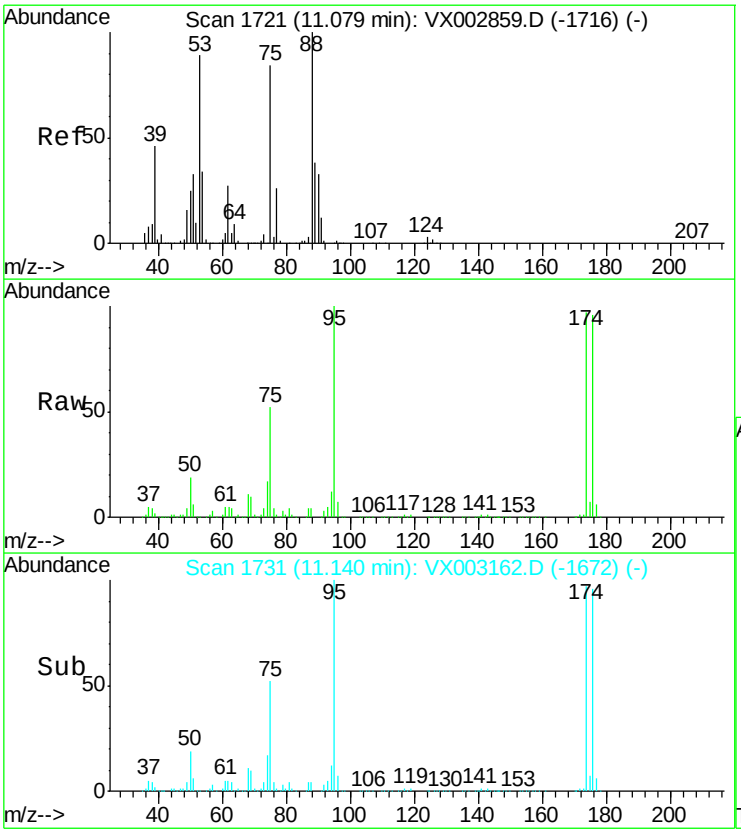
#76
1,2,3-Trichloropropane
Concen: 26.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 92983

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 75 Resp: 92983

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