Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003158.D
Acq On : 03 Jul 2018 19:27
Operator : JC/MD
Sample : J3754-10DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Quant Time: Jul 04 03:18:42 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	262510	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	365151	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	349807	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204284	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	167935	46.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.56%				
35) Dibromofluoromethane	5.51	113	139281	48.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.34%				
50) Toluene-d8	8.72	98	514074	48.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.36%				
62) 4-Bromofluorobenzene	11.14	95	190825	46.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	46	Below Cal		#	43
3) Chloromethane	1.32	50	899	Below Cal			94
5) Bromomethane	1.64	94	2114	Below Cal			93
10) Methyl Iodide	2.51	142	2168	6.87	ug/l		96
11) Tert butyl alcohol	3.10	59	3319	4.59	ug/l	#	82
13) Acrolein	2.32	56	162	4.63	ug/l	#	1
15) Acrylonitrile	3.15	53	533	0.35	ug/l	#	18
16) Acetone	2.46	43	1318	0.88	ug/l		98
18) Methyl Acetate	2.83	43	15389	3.66	ug/l	#	56
20) Methylene Chloride	2.85	84	1799	0.62	ug/l	#	73
29) Tetrahydrofuran	5.19	42	1348	0.94	ug/l	#	80
31) Cyclohexane	5.57	56	5449	1.20	ug/l		95
36) 1,1-Dichloropropene	5.67	75	16941	4.23	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23378	5.32	ug/l	#	15
39) Methylcyclohexane	7.46	83	5790	1.24	ug/l		89
40) Benzene	6.14	78	724357	62.26	ug/l		98
42) 1,2-Dichloroethane	6.14	62	6995	1.49	ug/l	#	77
49) 1,4-Dioxane	7.81	88	20	0.28	ug/l	#	1
59) 2-Hexanone	9.52	43	2042	0.59	ug/l		90
67) Ethyl Benzene	10.26	91	11745	0.80	ug/l		99
68) m/p-Xylenes	10.36	106	7913	1.40	ug/l		98
69) o-Xylene	10.71	106	3517	0.64	ug/l		93
73) Isopropylbenzene	11.02	105	6933	0.50	ug/l		96
76) 1,2,3-Trichloropropane	11.14	75	95027	25.68	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	3790	0.33	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	95027	72.86	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	4599	0.38	ug/l		96

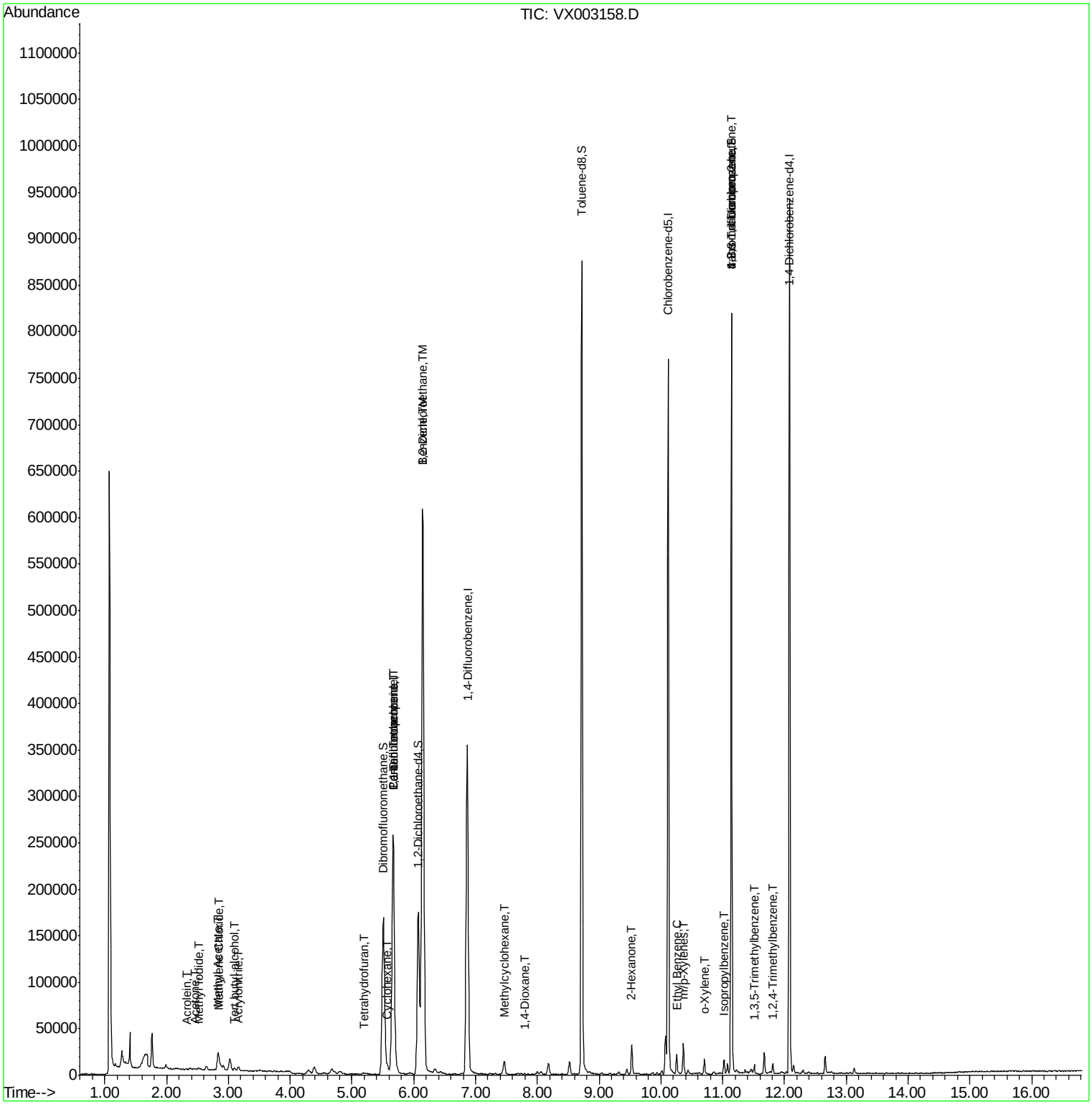
(#) = qualifier out of range (m) = manual integration (+) = signals summed

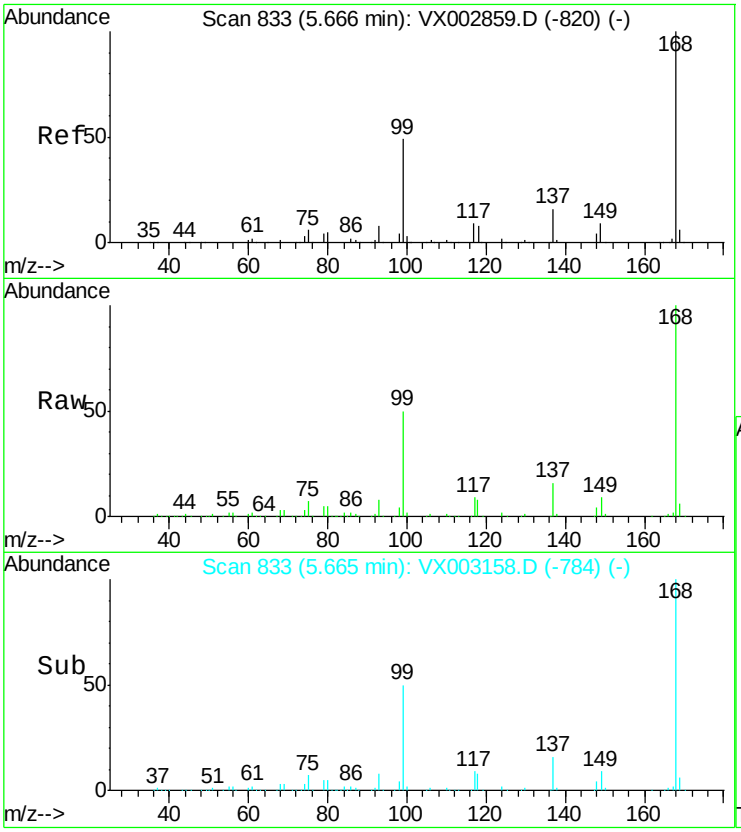
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070318\
Data File : VX003158.D
Acq On : 03 Jul 2018 19:27
Operator : JC/MD
Sample : J3754-10DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Quant Time: Jul 04 03:18:42 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



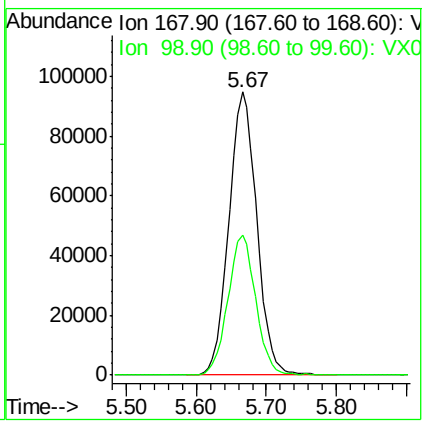


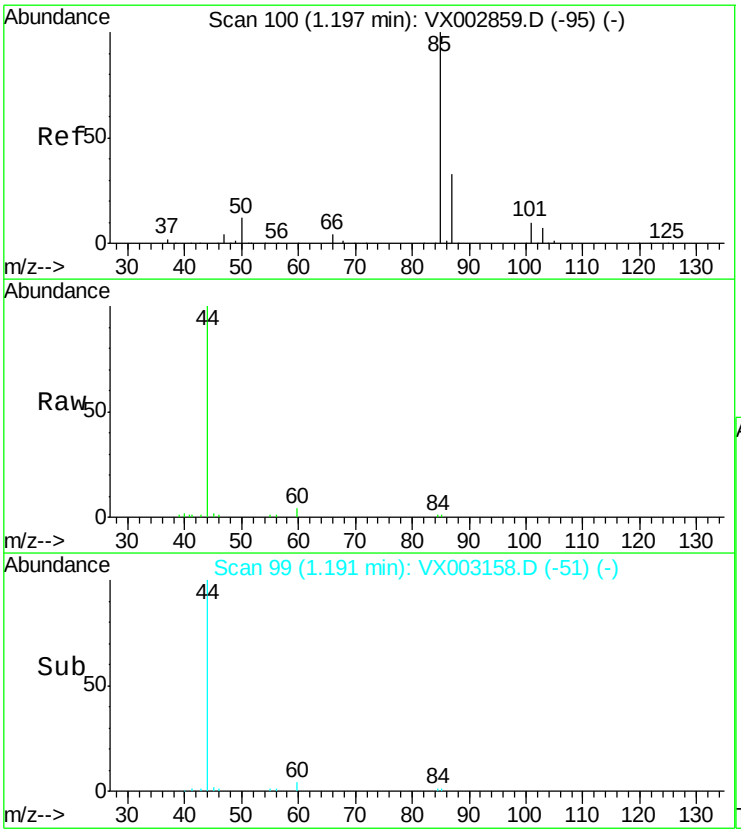
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion:168 Resp: 262510

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.3	58.9

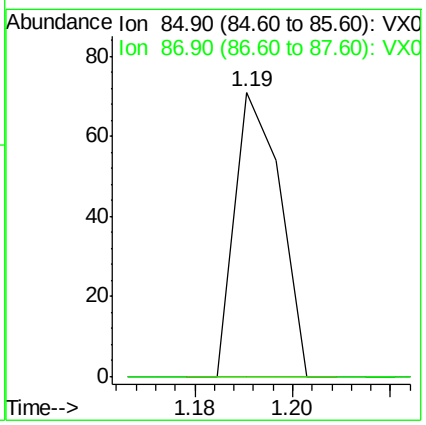


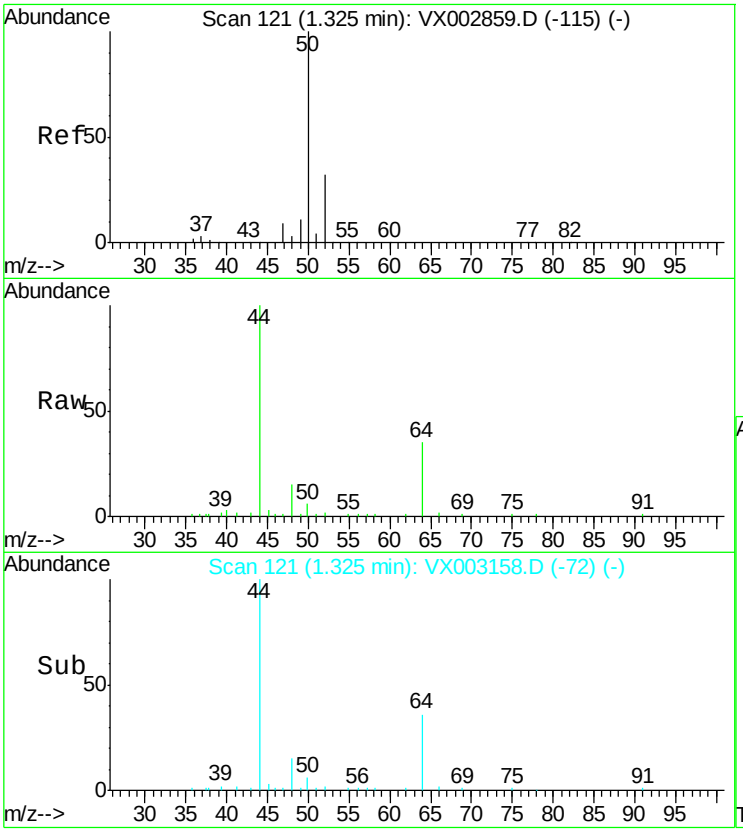


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 85 Resp: 46

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



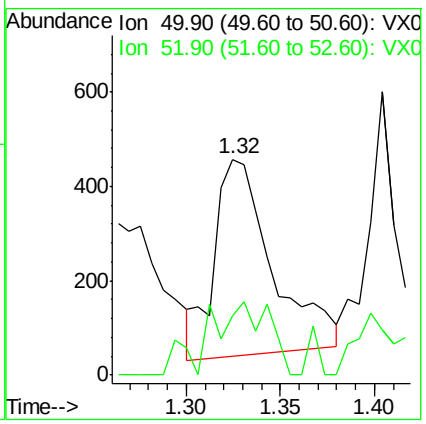


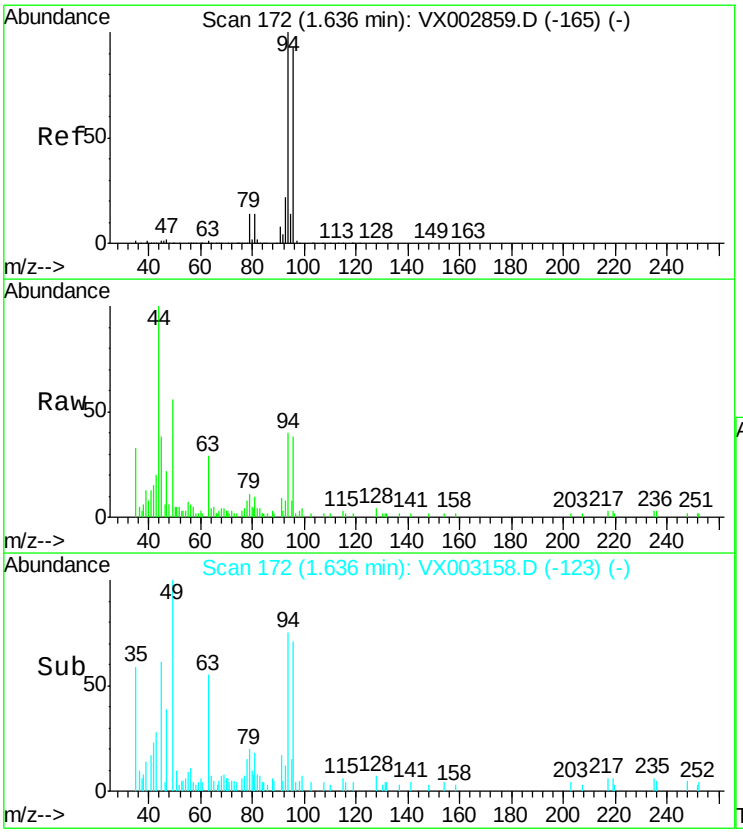
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 50 Resp: 899

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.7	38.5

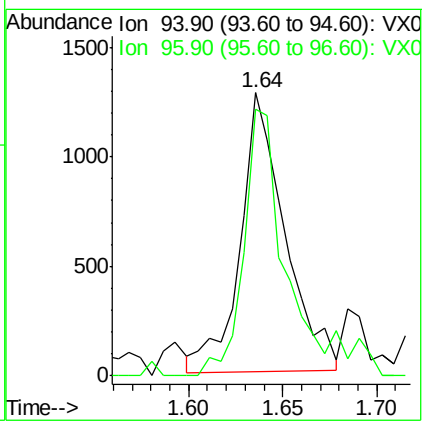


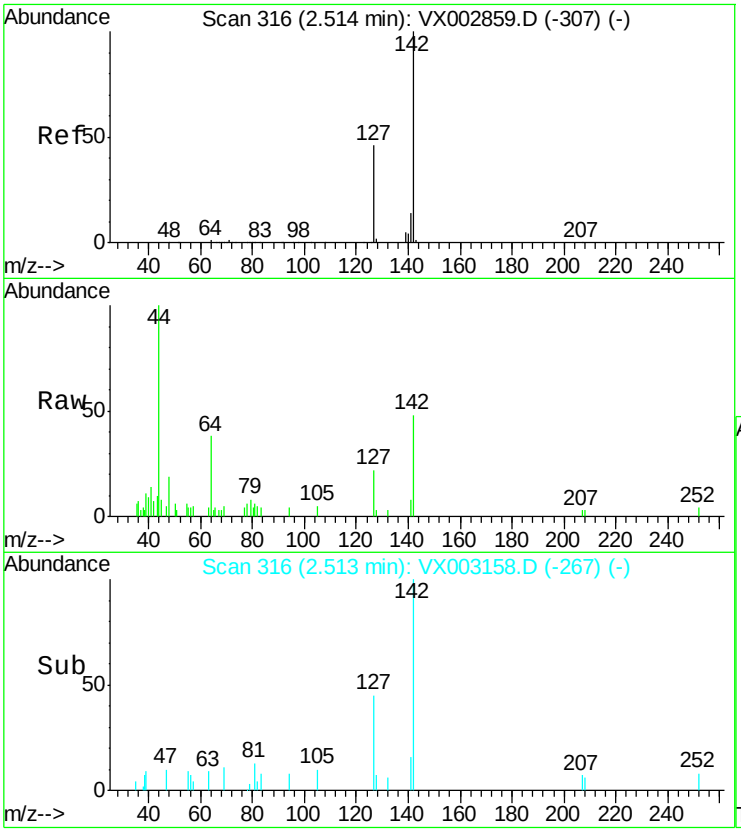


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 94 Resp: 2114

Ion	Ratio	Lower	Upper
94	100		
96	100.1	74.9	112.3



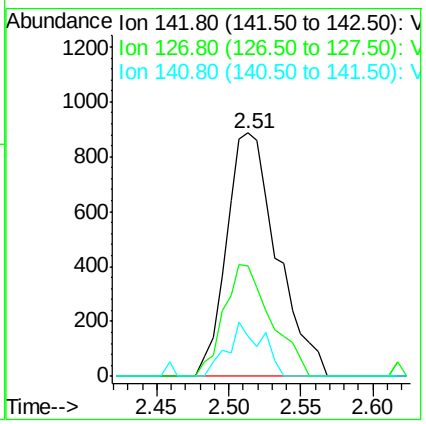


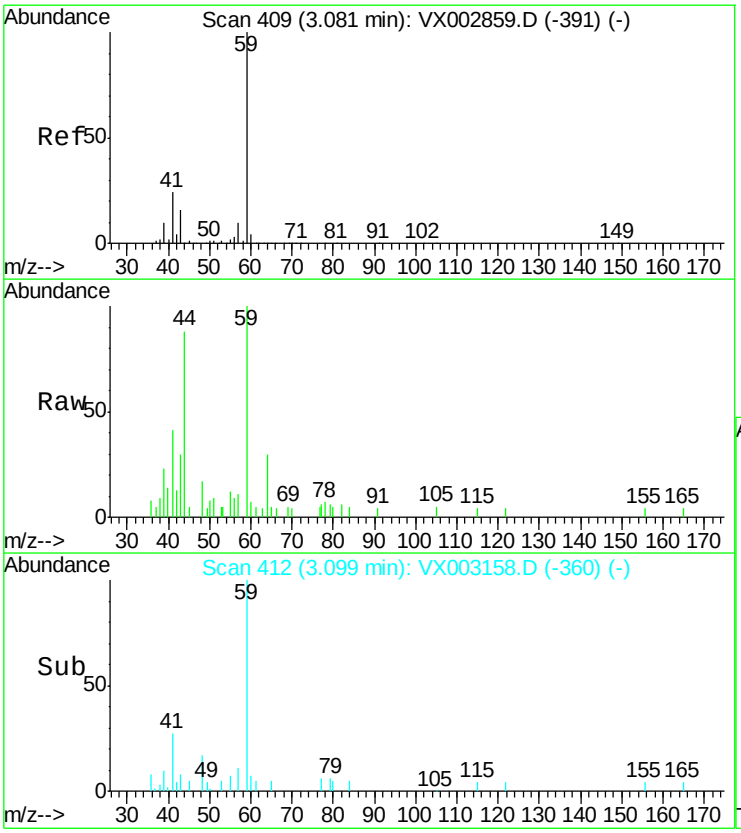
#10
Methyl Iodide
Concen: 6.87 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Tgt Ion:142 Resp: 2168

Ion	Ratio	Lower	Upper
142	100		
127	42.8	36.6	55.0
141	15.2	11.3	16.9

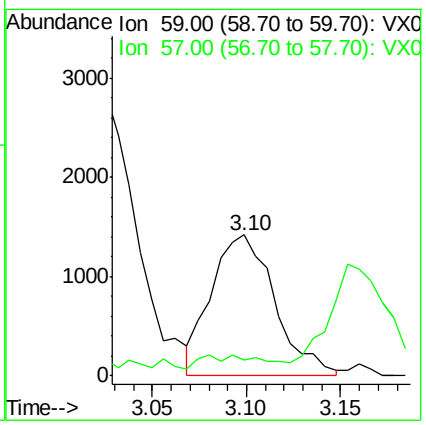


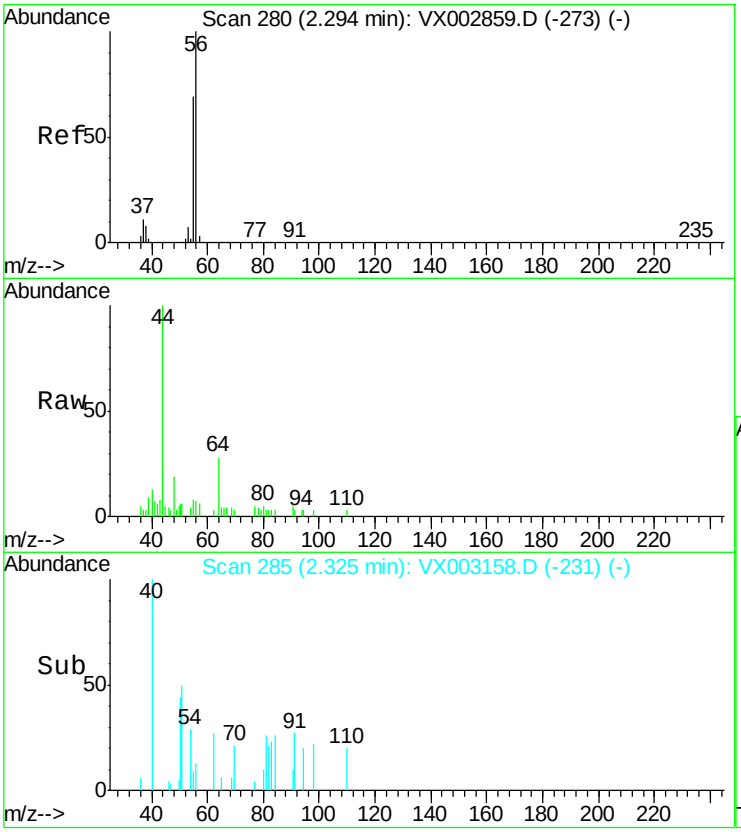


#11
Tert butyl alcohol
Concen: 4.59 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 59 Resp: 3319

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.2	12.2#



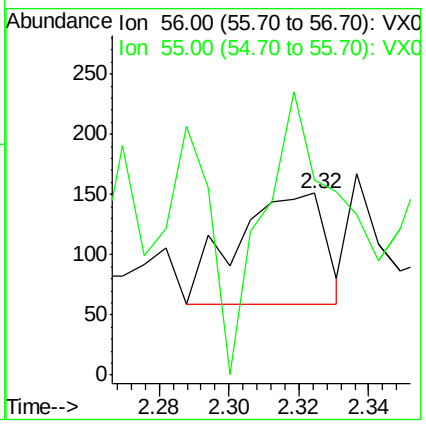


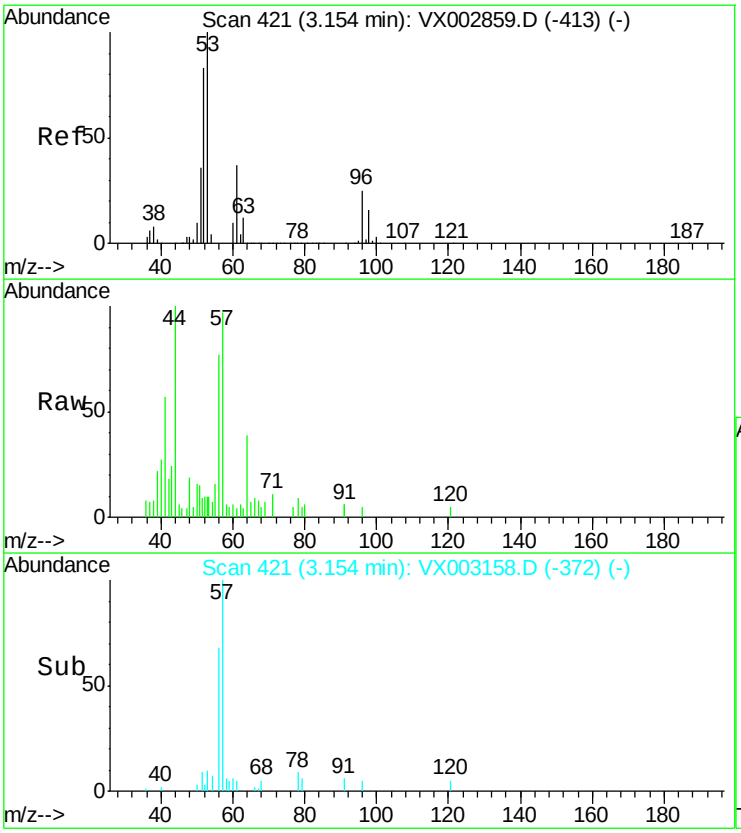
#13
Acrolein
Concen: 4.63 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.03 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	235.2	57.0	85.4#

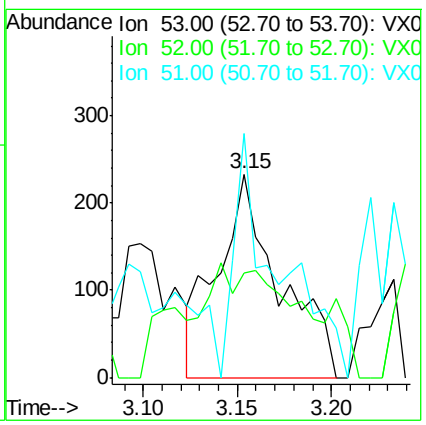


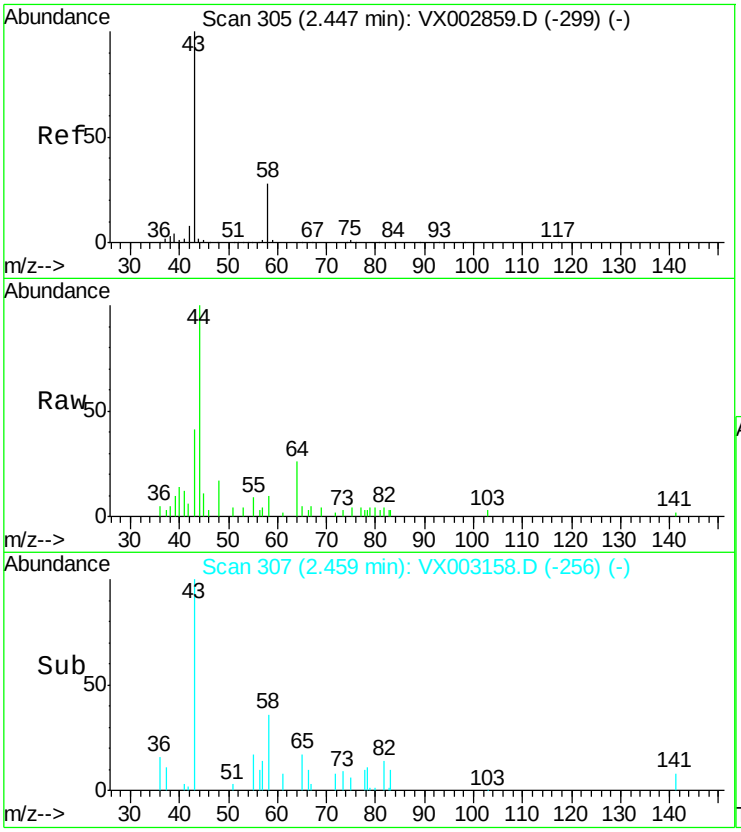


#15
Acrylonitrile
Concen: 0.35 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 53 Resp: 533

Ion	Ratio	Lower	Upper
53	100		
52	8.6	66.7	100.1#
51	84.8	29.9	44.9#



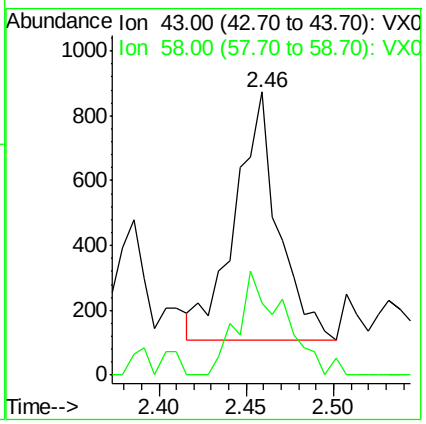


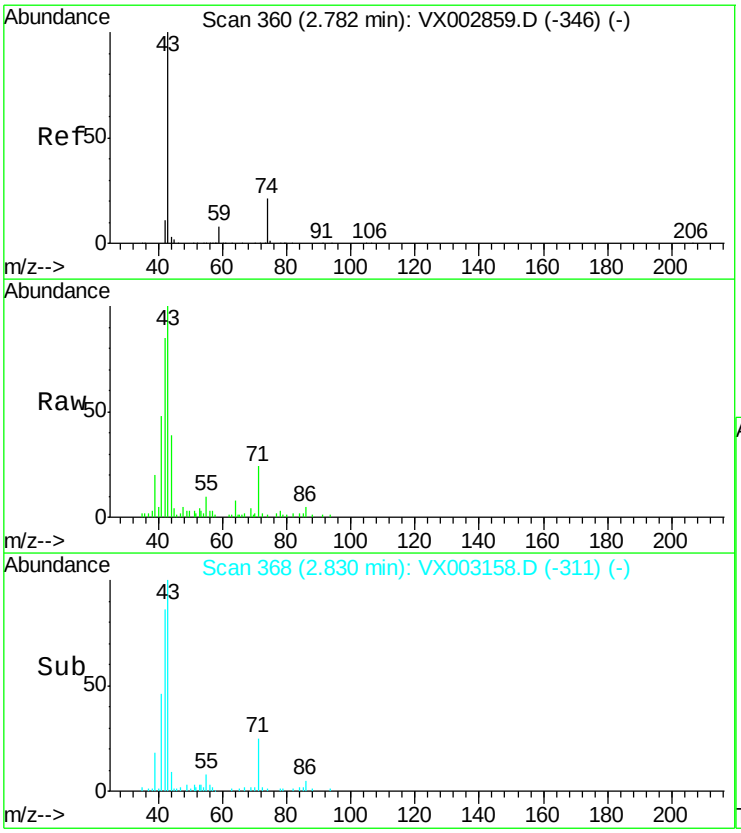
#16
Acetone
Concen: 0.88 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 43 Resp: 1318

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1

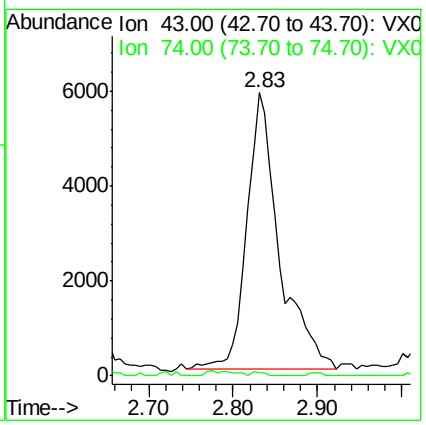


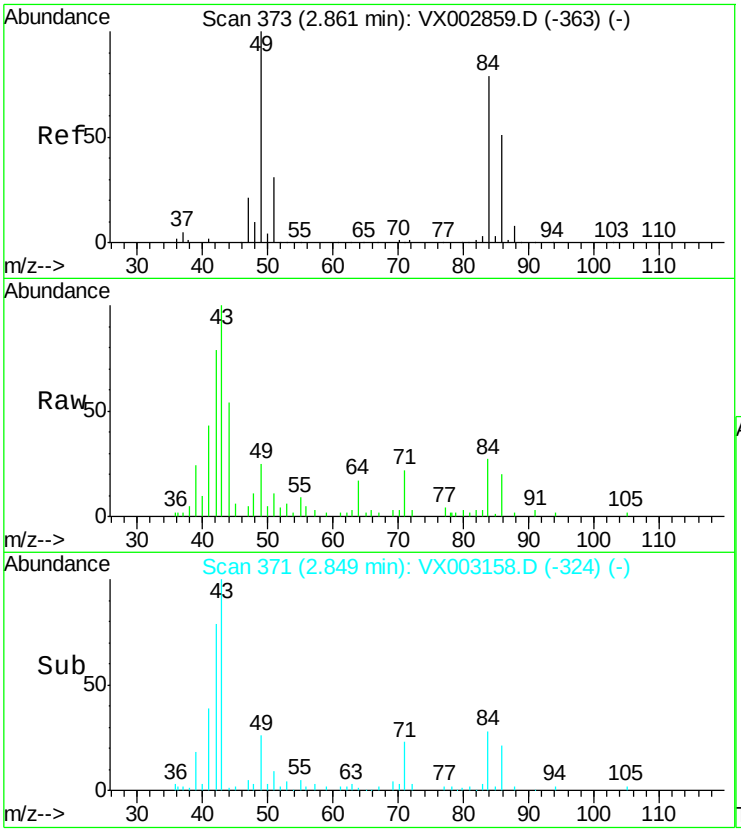


#18
Methyl Acetate
Concen: 3.66 ug/l
RT: 2.83 min Scan# 368
Delta R.T. 0.05 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 43 Resp: 15389

Ion	Ratio	Lower	Upper
43	100		
74	0.5	16.7	25.1#



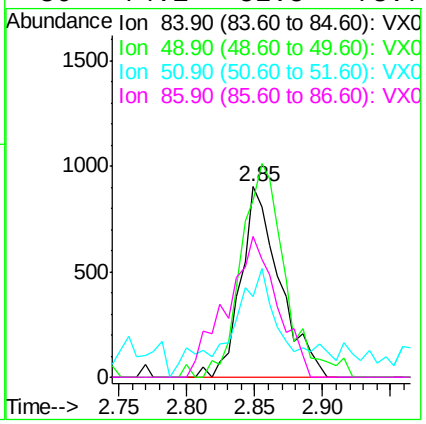


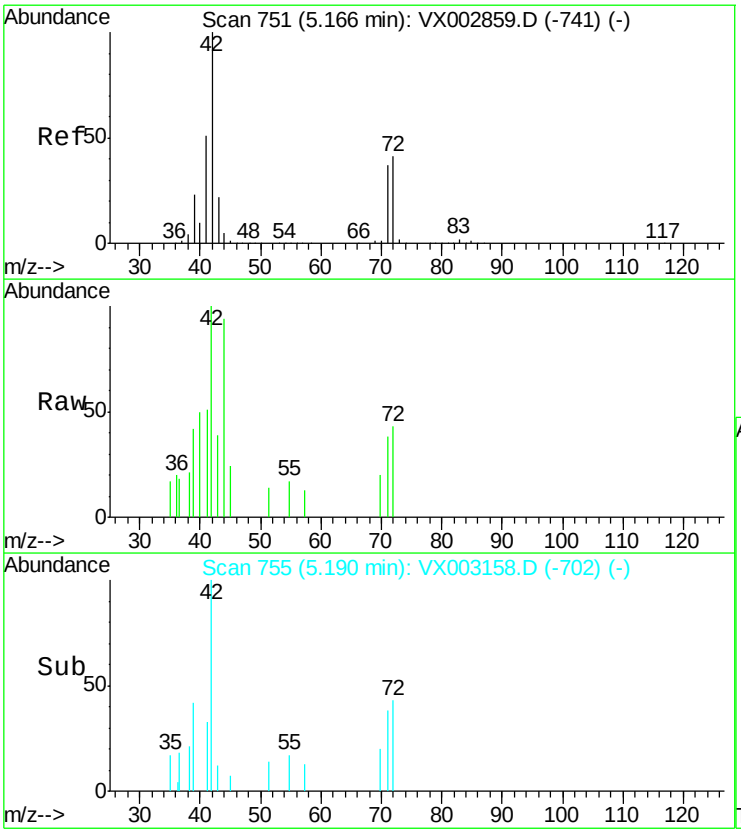
#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Tgt Ion: 84 Resp: 1799

Ion	Ratio	Lower	Upper
84	100		
49	86.8	107.8	161.6#
51	33.6	32.8	49.2
86	74.1	52.5	78.7

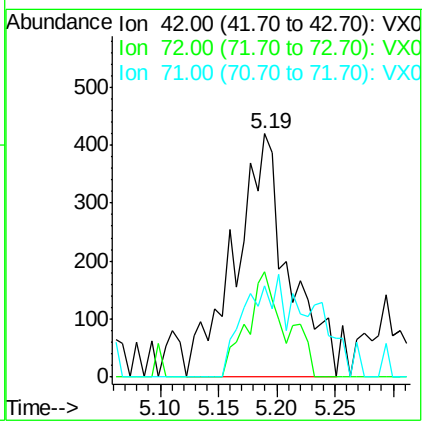


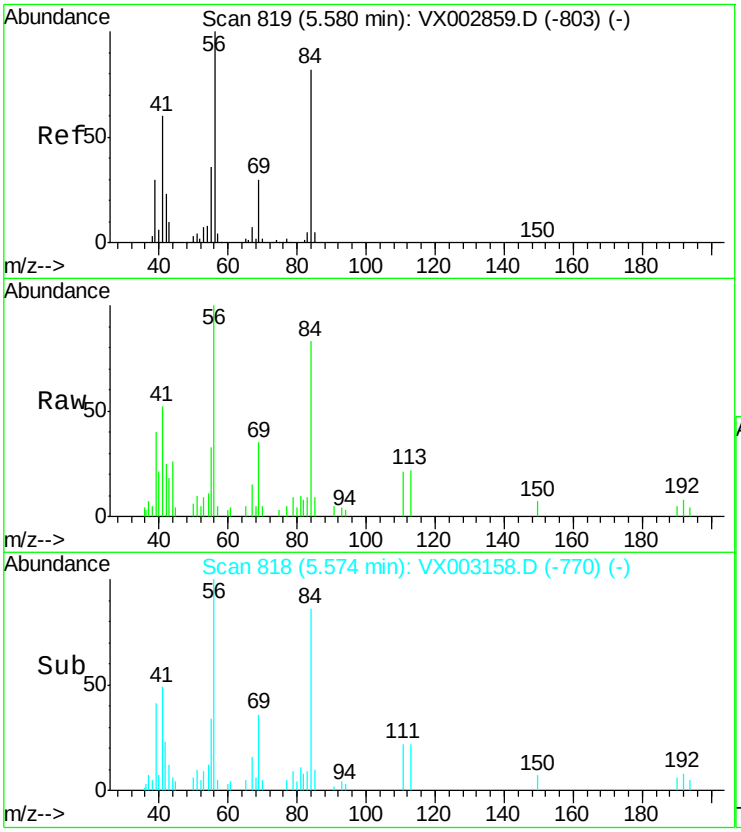


#29
Tetrahydrofuran
Concen: 0.94 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 42 Resp: 1348

Ion	Ratio	Lower	Upper
42	100		
72	24.7	32.0	48.0#
71	28.9	30.1	45.1#



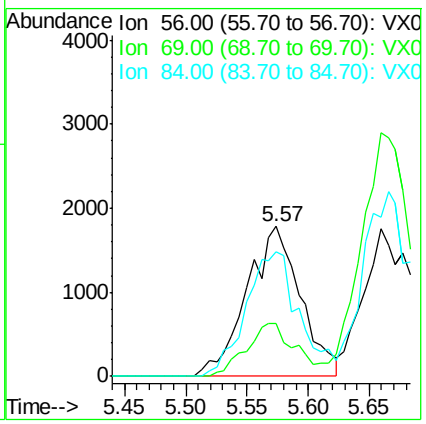


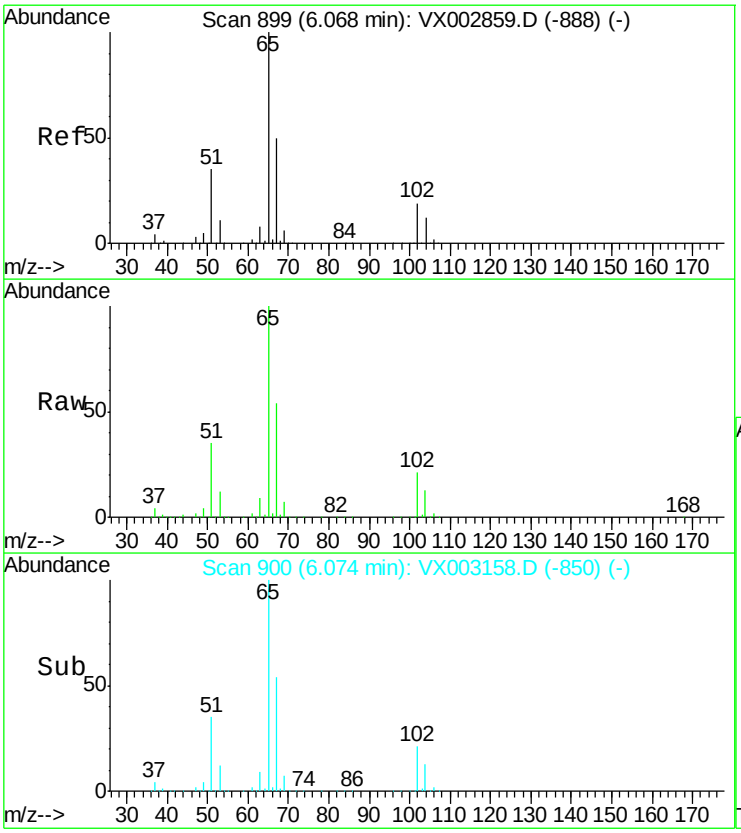
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Tgt Ion: 56 Resp: 5449

Ion	Ratio	Lower	Upper
56	100		
69	35.1	23.7	35.5
84	83.1	64.1	96.1

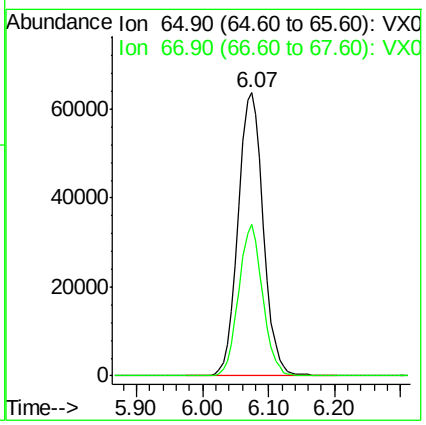


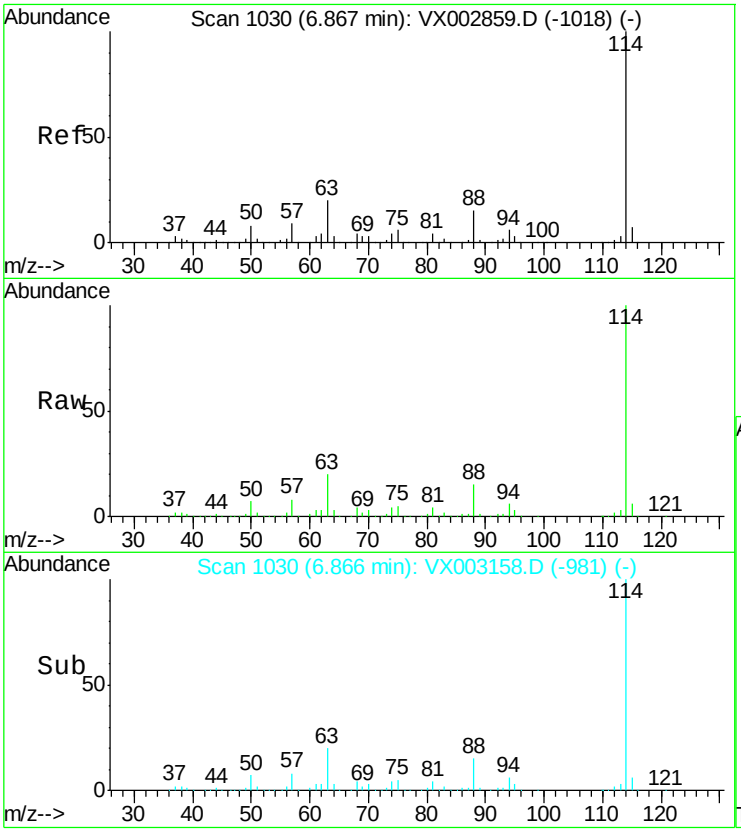


#33
1,2-Dichloroethane-d4
Concen: 46.28 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 65 Resp: 167935

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6



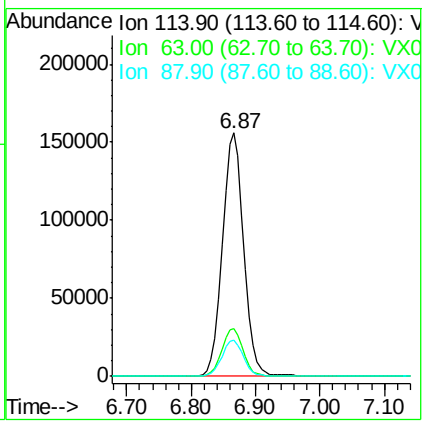


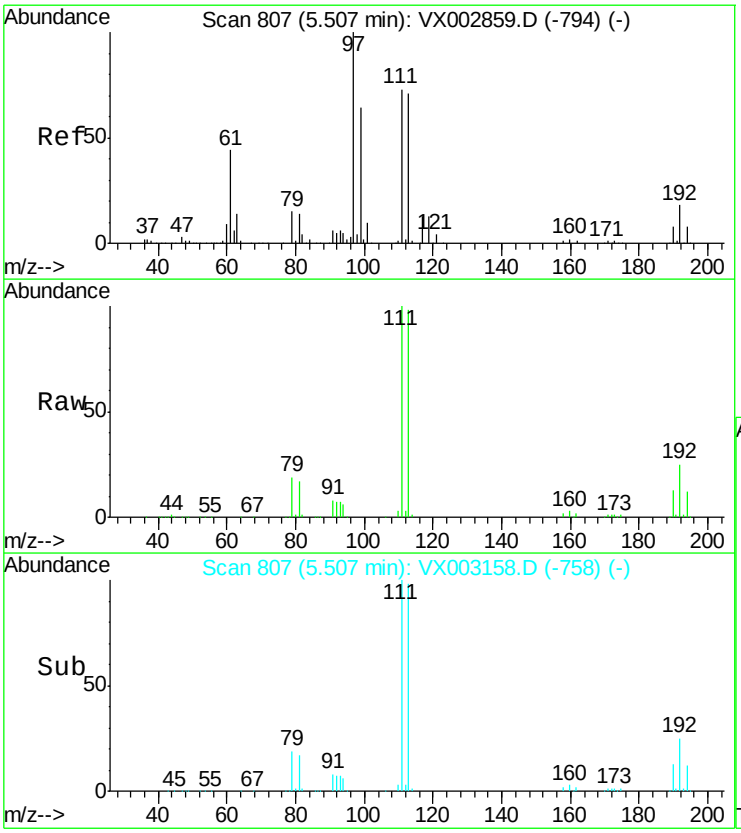
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Tgt Ion:114 Resp: 365151

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	14.7	0.0	30.0

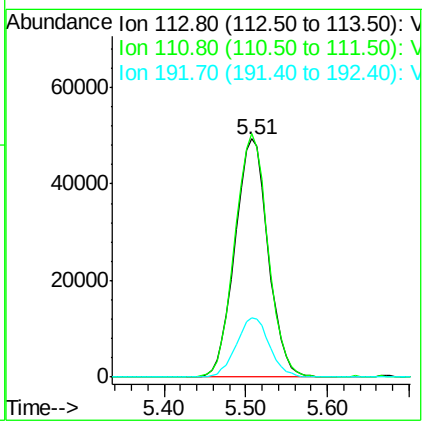


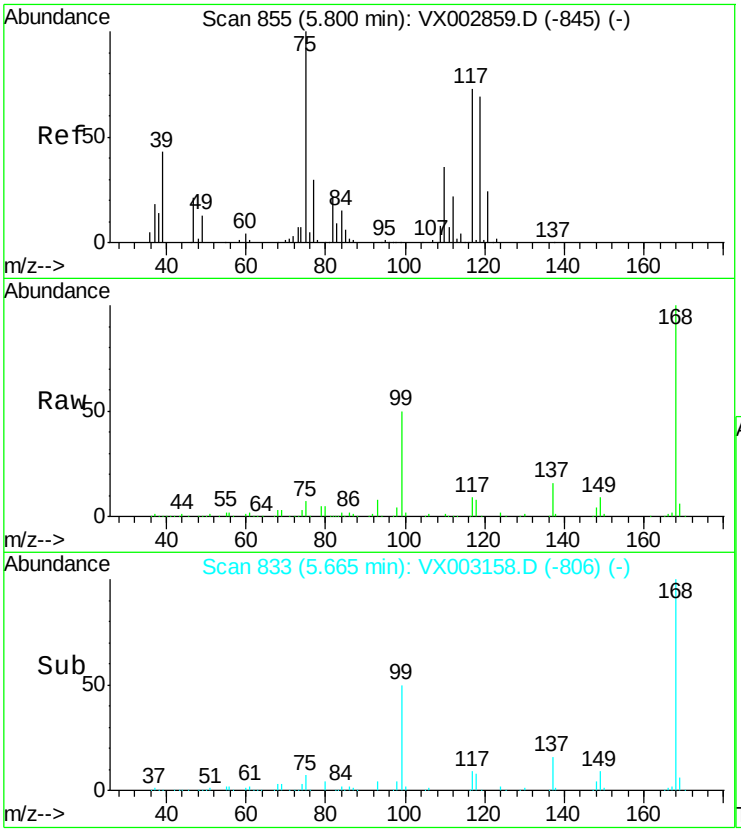


#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:113 Resp: 139281

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	25.0	19.1	28.7



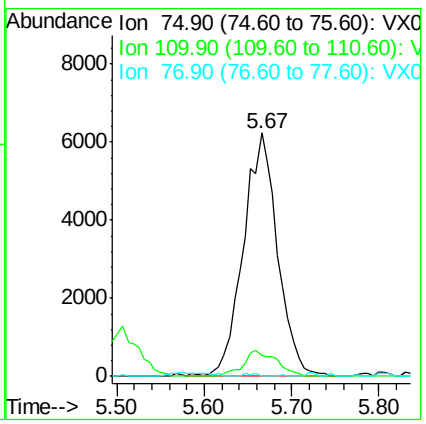


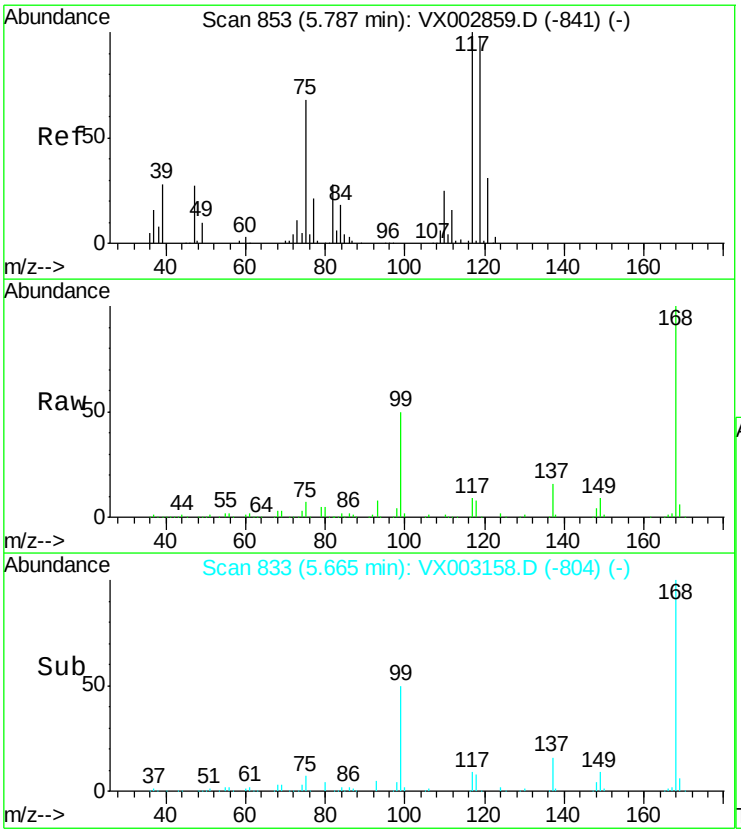
#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 75 Resp: 16941

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.4	24.3	36.5#

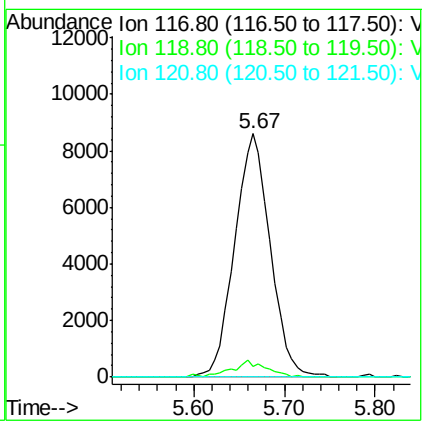


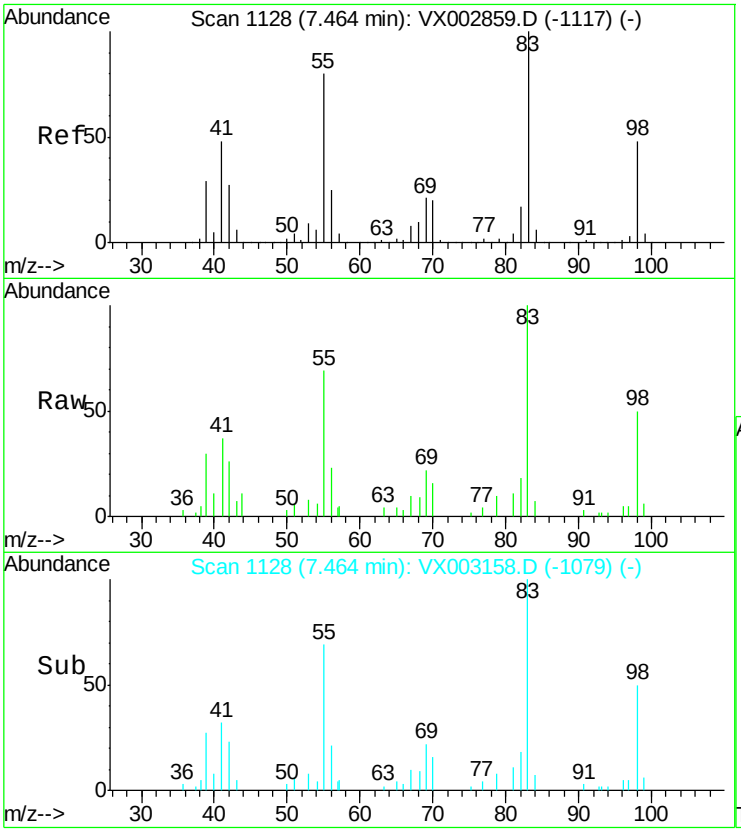


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:117 Resp: 23378

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#



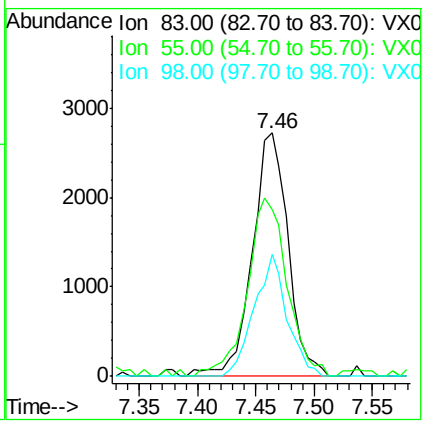


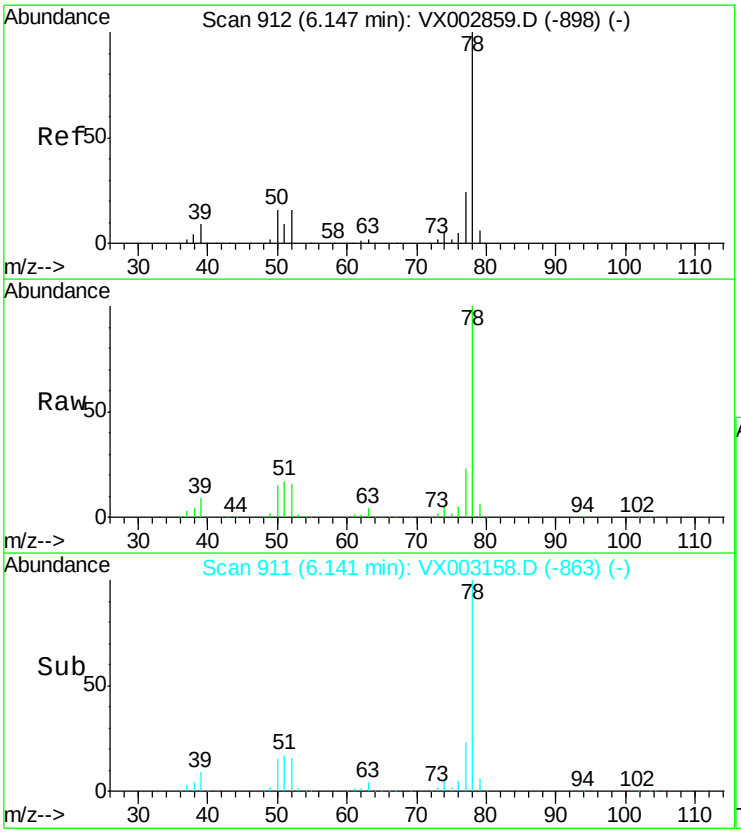
#39
Methylcyclohexane
Concen: 1.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 83 Resp: 5790

Ion	Ratio	Lower	Upper
83	100		
55	68.7	65.4	98.0
98	49.9	37.4	56.0

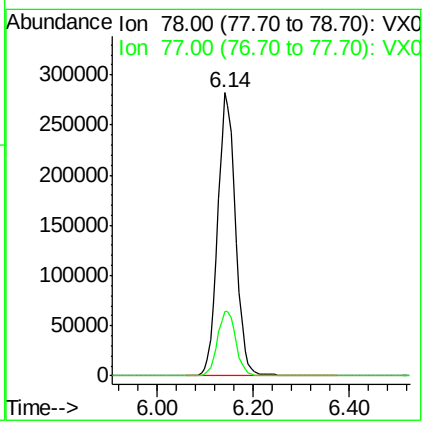


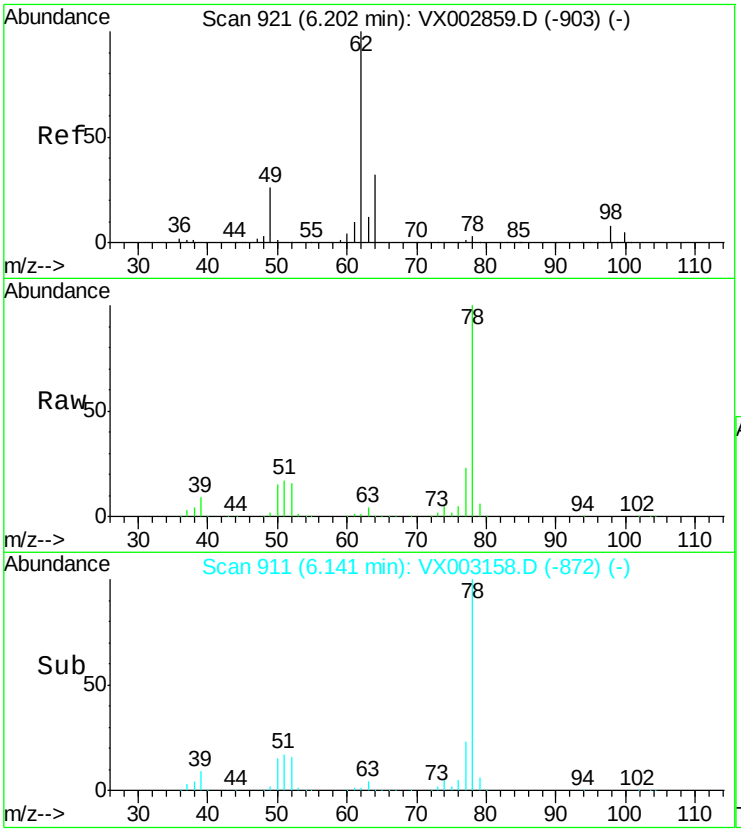


#40
Benzene
Concen: 62.26 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 78 Resp: 724357

Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.1	28.7



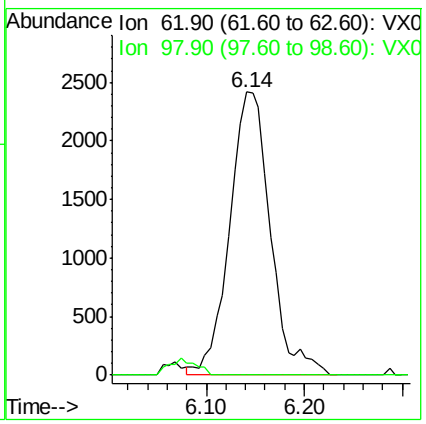


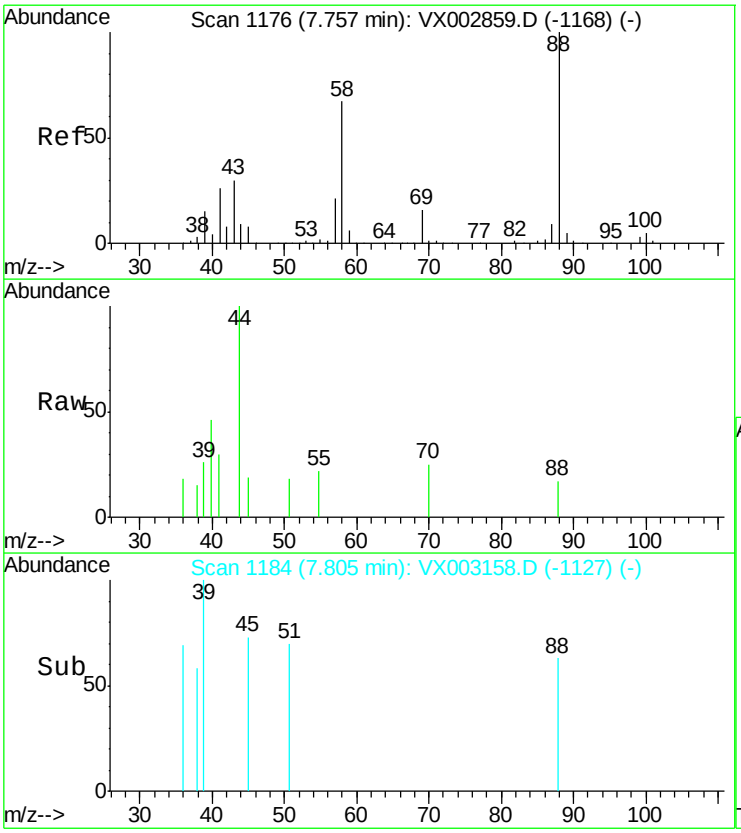
#42
1,2-Dichloroethane
Concen: 1.49 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.06 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 62 Resp: 6995

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6

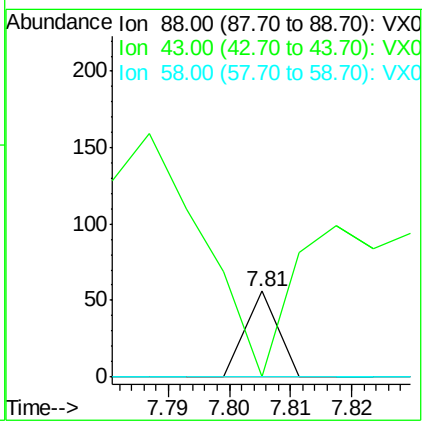


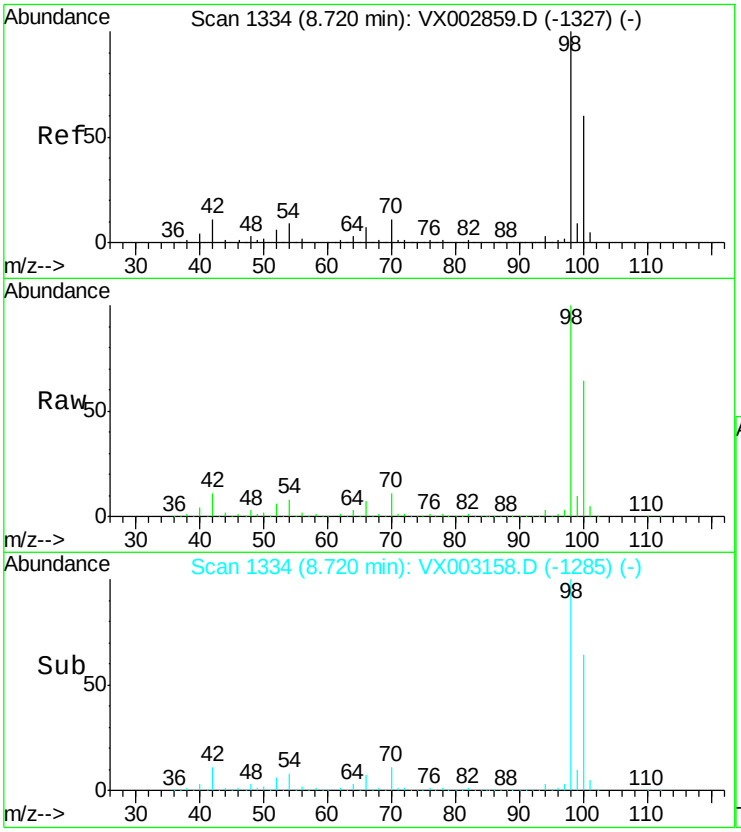


#49
1,4-Dioxane
Concen: 0.28 ug/l
RT: 7.81 min Scan# 1184
Delta R.T. 0.05 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	485.0	29.8	44.6#
58	0.0	57.1	85.7#



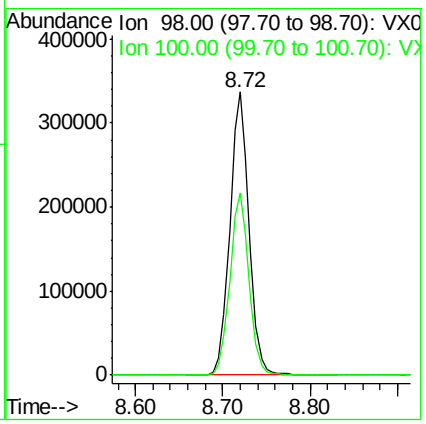


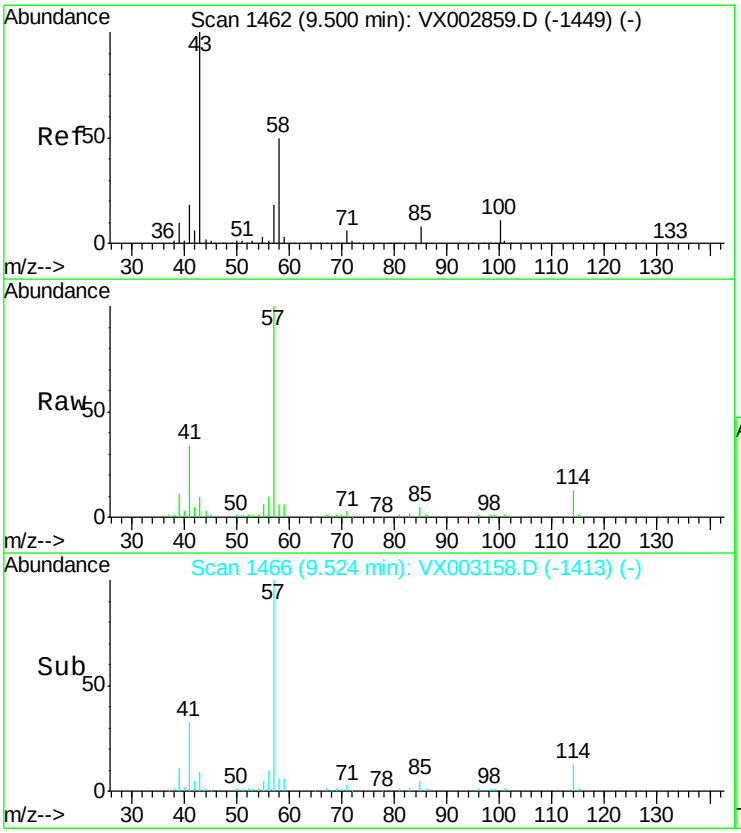
#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 98 Resp: 514074

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

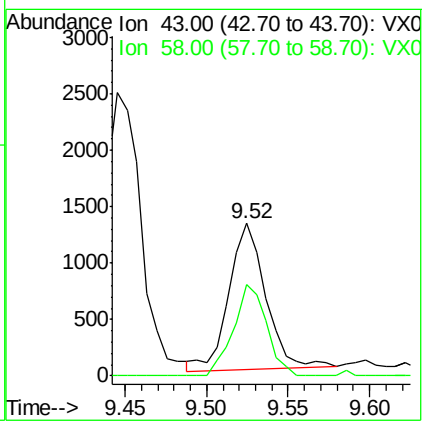


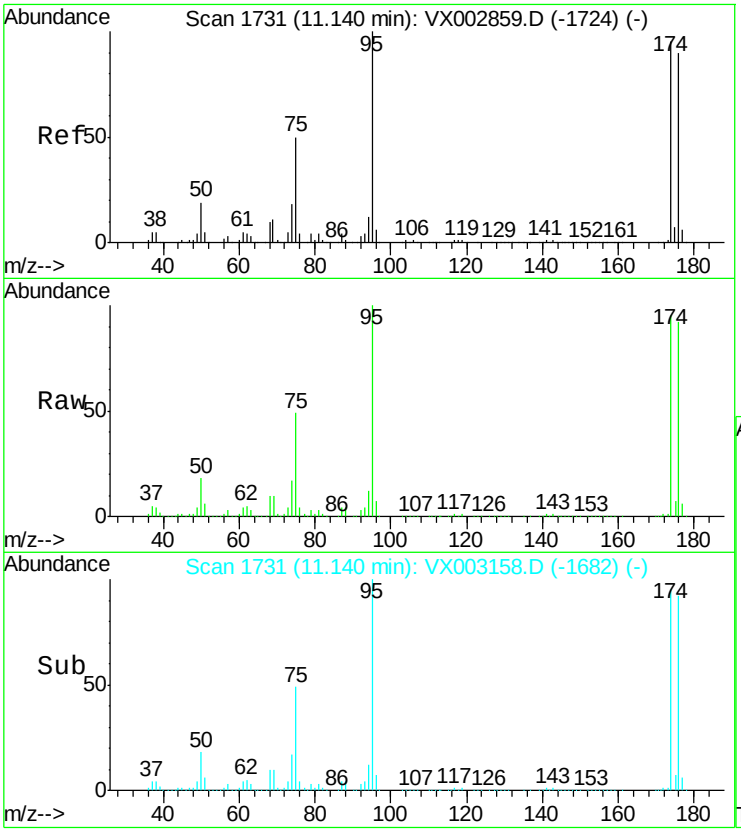


#59
2-Hexanone
Concen: 0.59 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 43 Resp: 2042

Ion	Ratio	Lower	Upper
43	100		
58	56.1	24.6	73.6



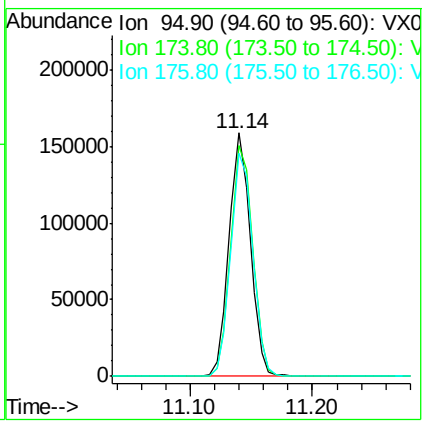


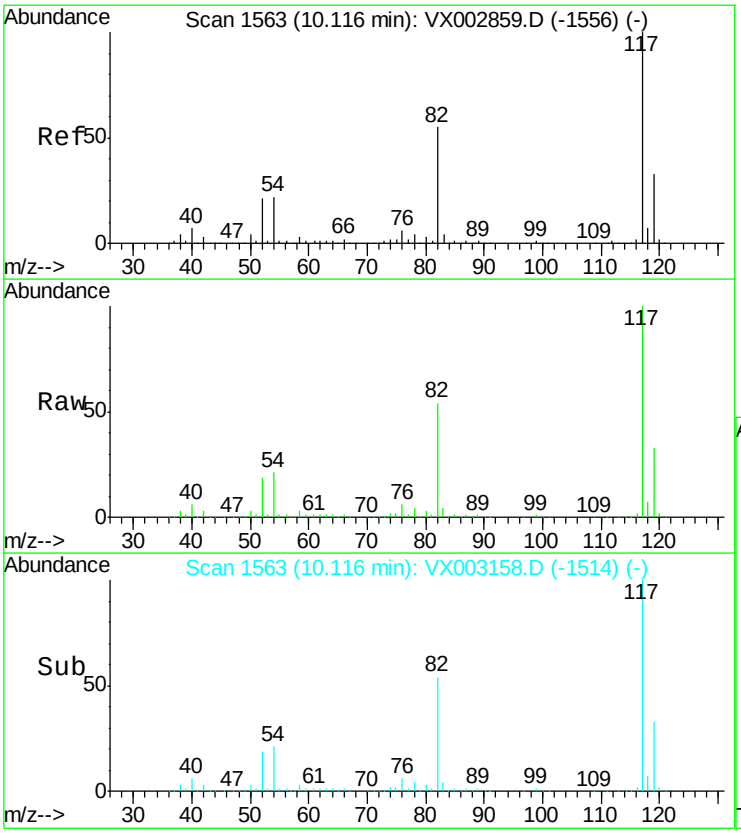
#62
4-Bromofluorobenzene
Concen: 46.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 95 Resp: 190825

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	187.4
176	94.9	0.0	181.0

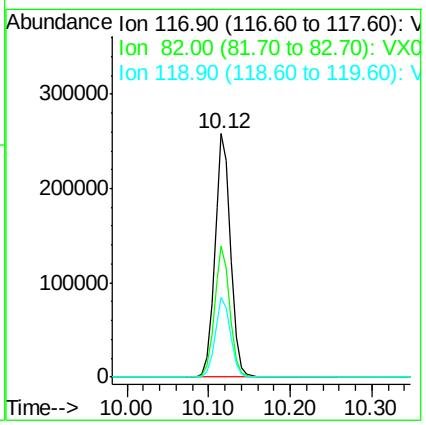


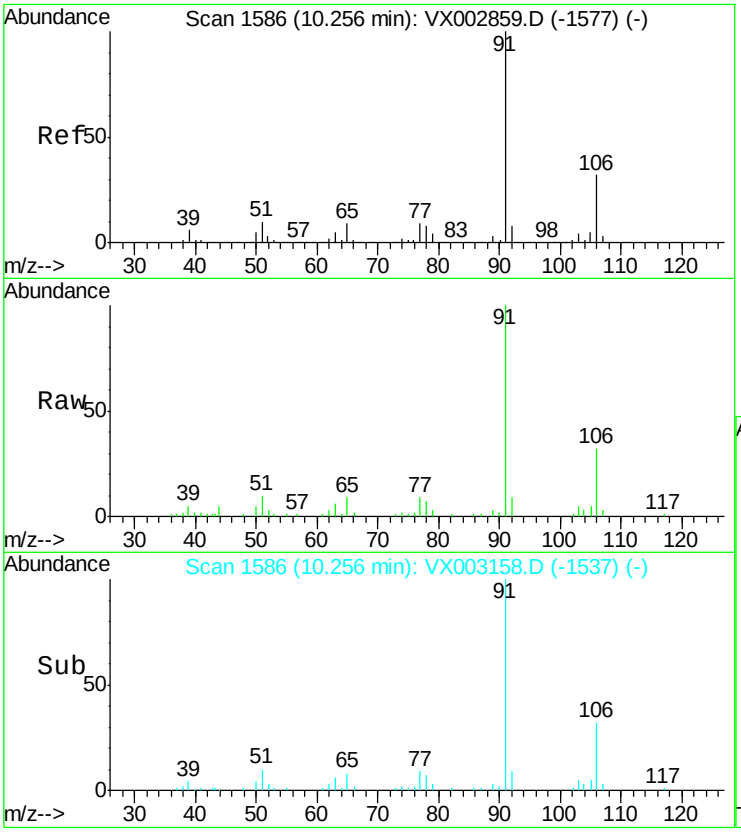


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:117 Resp: 349807

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	32.6	25.8	38.6



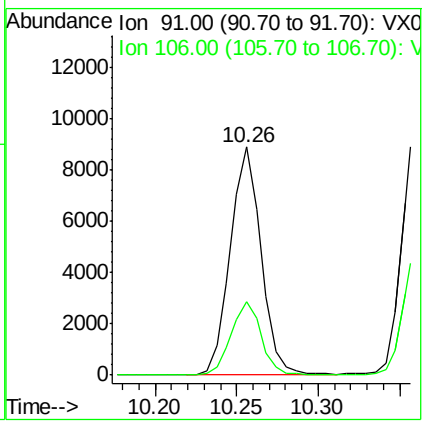


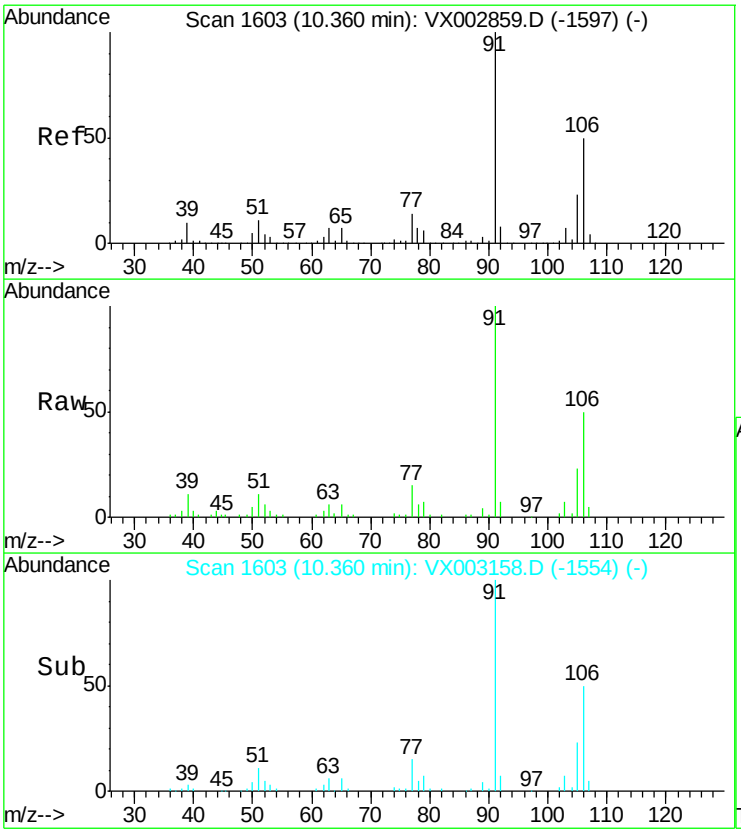
#67
Ethyl Benzene
Concen: 0.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion: 91 Resp: 11745

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.5	38.3

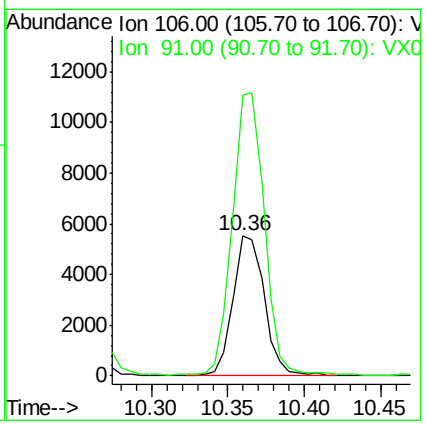


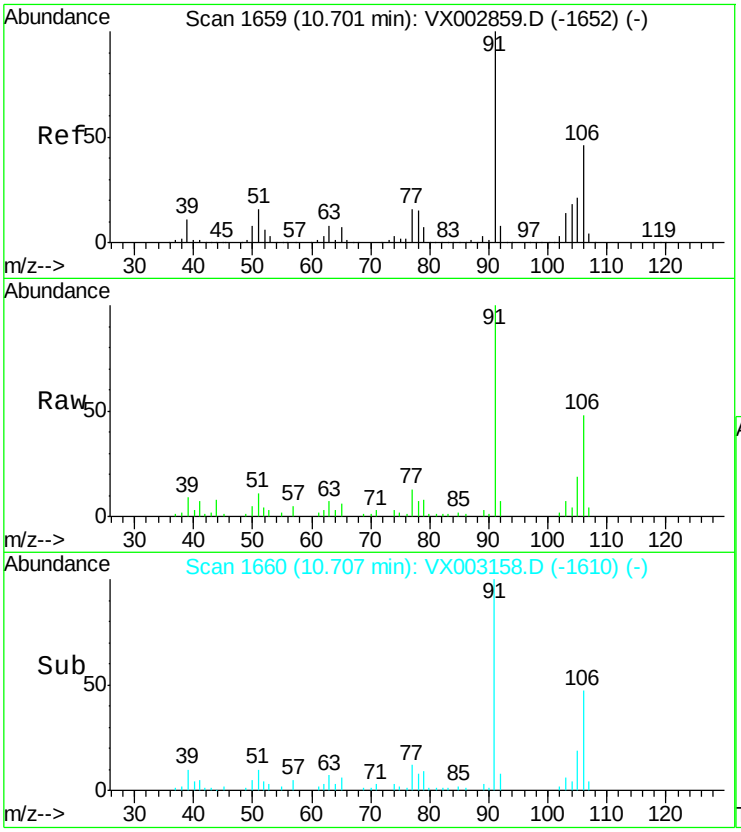


#68
m/p-Xylenes
Concen: 1.40 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:106 Resp: 7913

Ion	Ratio	Lower	Upper
106	100		
91	207.2	163.4	245.2



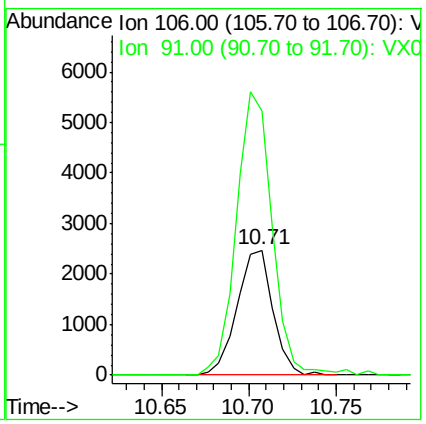


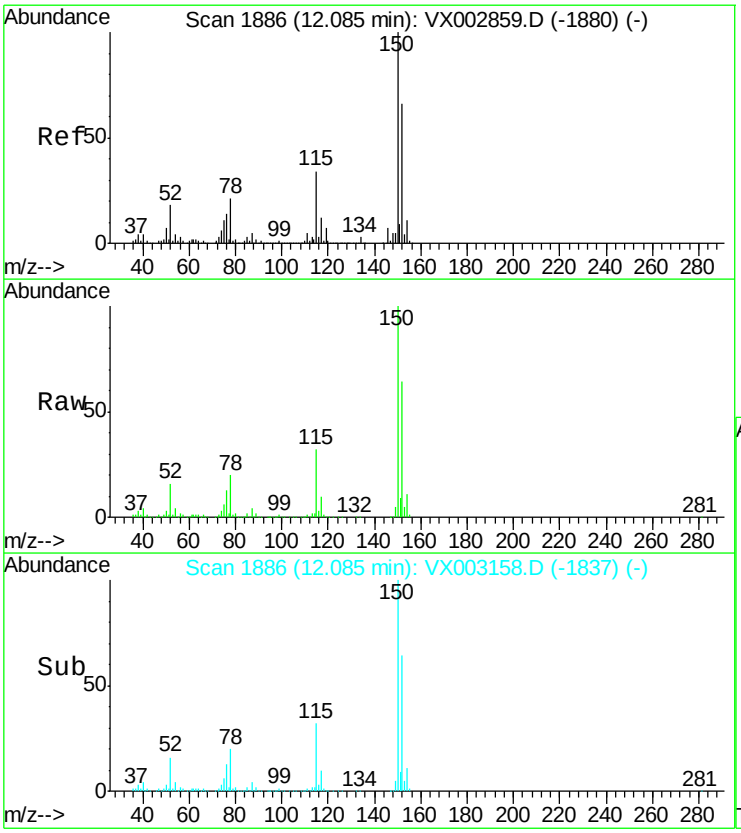
#69
o-Xylene
Concen: 0.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion:106 Resp: 3517

Ion	Ratio	Lower	Upper
106	100		
91	226.8	108.2	324.6

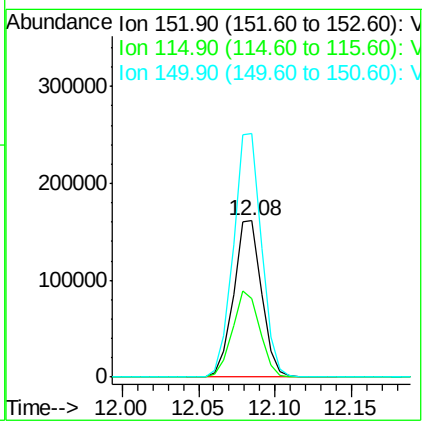


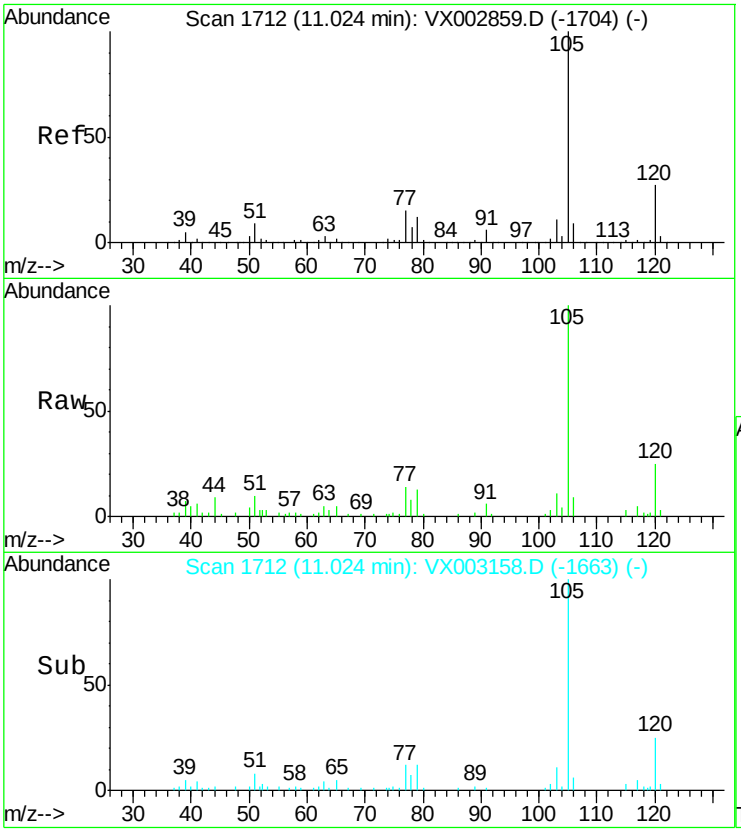


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:152 Resp: 204284

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	156.9	0.0	347.2



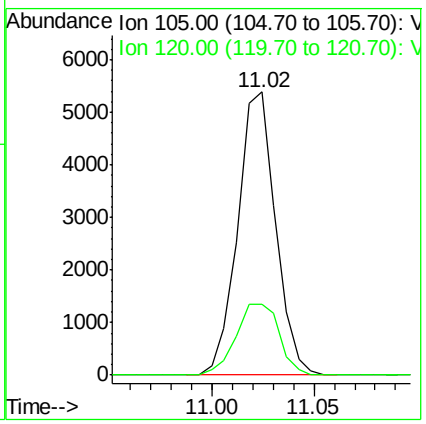


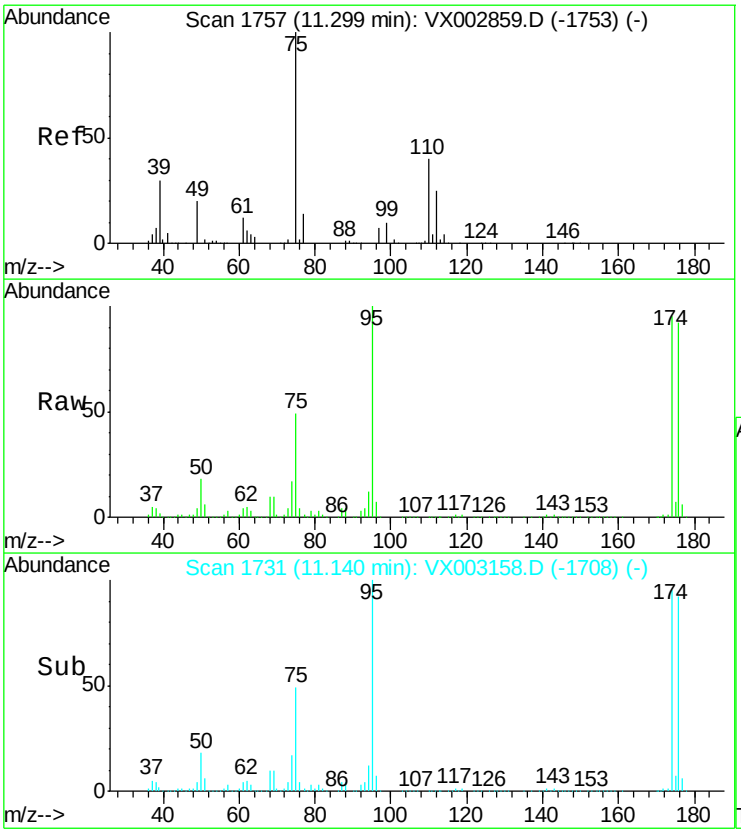
#73
Isopropylbenzene
Concen: 0.50 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument : MSVOA_X
ClientSampleId : S10-0142DL

Tgt Ion:105 Resp: 6933

Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.5	40.4

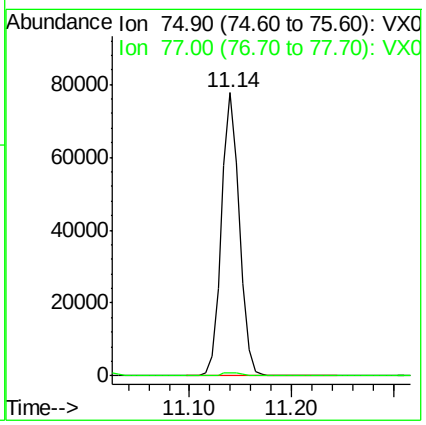


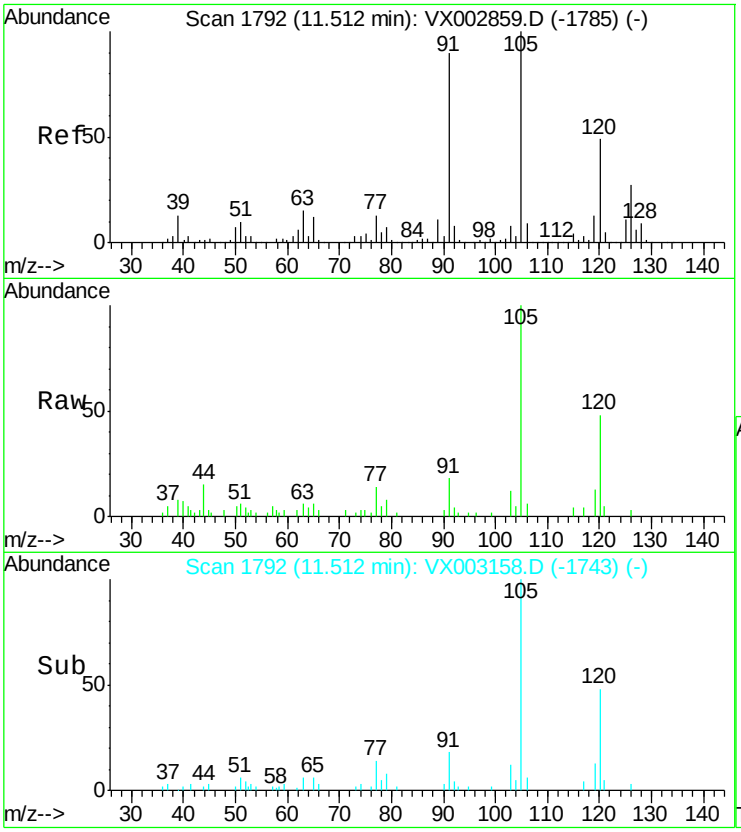


#76
1,2,3-Trichloropropane
Concen: 25.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 75 Resp: 95027

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



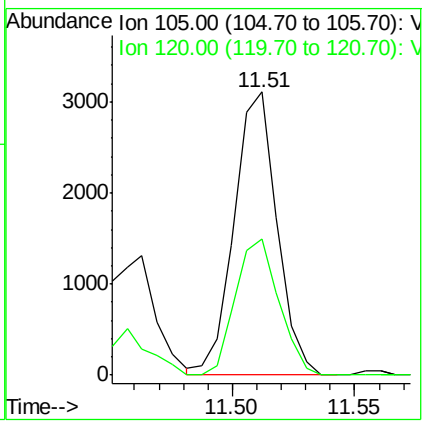


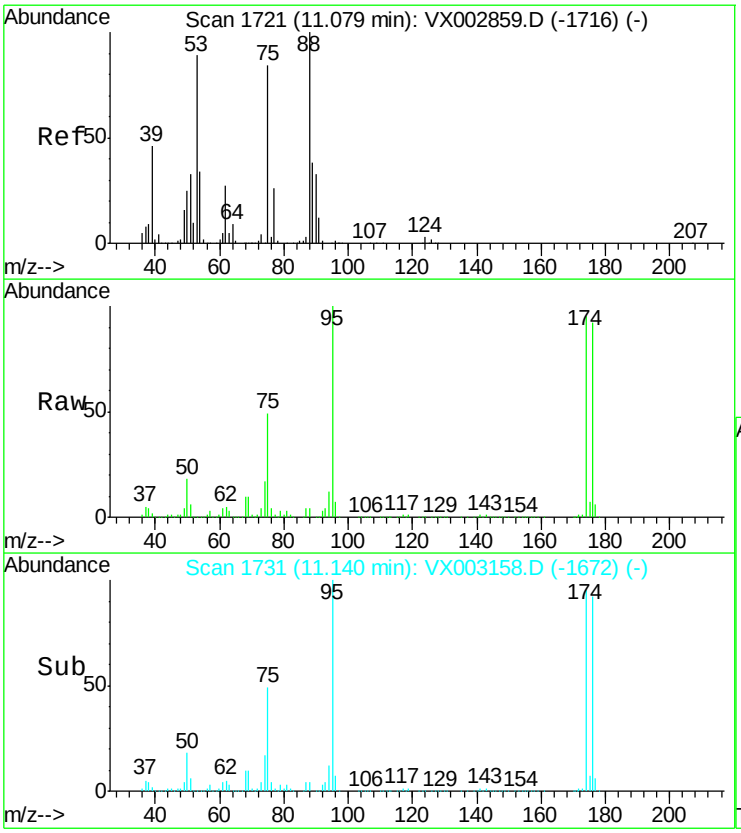
#80
1,3,5-Trimethylbenzene
Concen: 0.33 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion:105 Resp: 3790

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.4	73.4

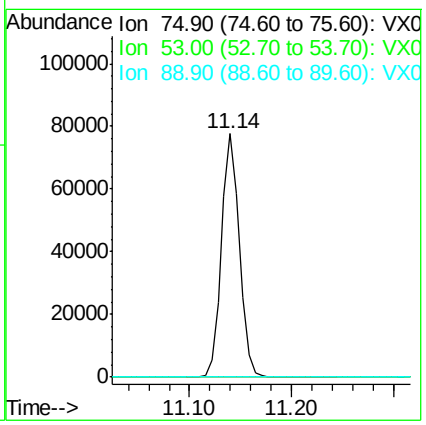


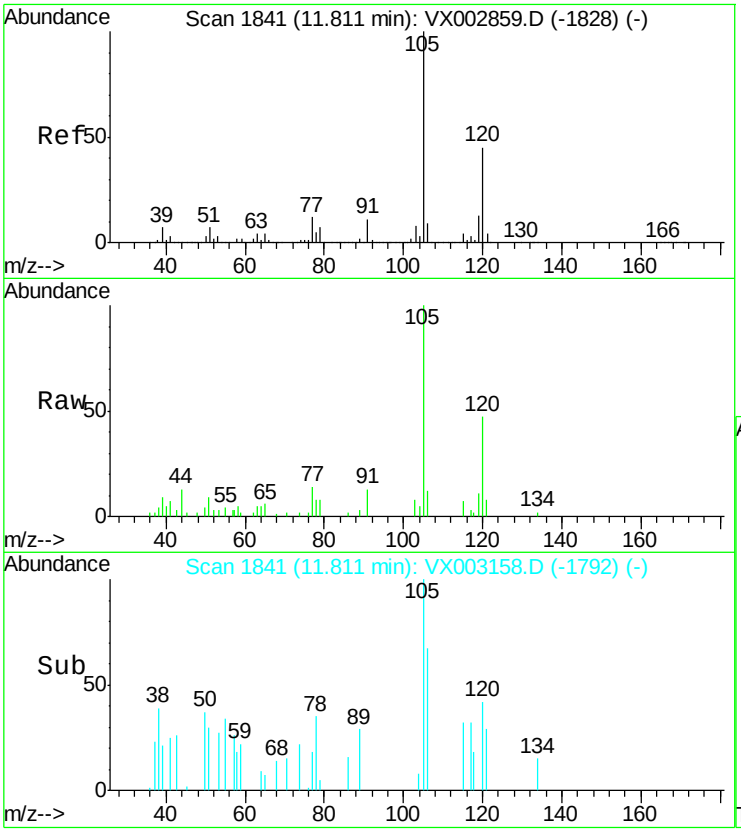


#81
trans-1,4-Dichloro-2-butene
Concen: 72.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 75 Resp: 95027

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: 0.38 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
S10-0142DL

Tgt Ion:105 Resp: 4599

Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.3	66.8