Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071118\
Data File : VX003335.D
Acq On : 11 Jul 2018 22:09
Operator : JC/MD
Sample : PB110983ZHE#09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB110983ZHE#09

Quant Time: Jul 12 00:59:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	250692	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	378961	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	354651	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190782	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	171930	43.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.16%				
35) Dibromofluoromethane	5.51	113	146140	35.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 71.80%				
50) Toluene-d8	8.72	98	545436	37.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.44%				
62) 4-Bromofluorobenzene	11.14	95	184392	34.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 69.02%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	1634	Below Cal			99
8) Diethyl Ether	2.19	74	414	0.22	ug/l		72
10) Methyl Iodide	2.52	142	1506	6.04	ug/l		95
11) Tert butyl alcohol	3.07	59	326	0.46	ug/l	#	92
13) Acrolein	2.29	56	118	0.20	ug/l	#	14
16) Acetone	2.45	43	25911	18.50	ug/l		92
18) Methyl Acetate	2.78	43	29049	7.35	ug/l		94
20) Methylene Chloride	2.86	84	15309	4.69	ug/l		97
25) 2-Butanone	4.72	43	5121	2.07	ug/l		93
29) Tetrahydrofuran	5.18	42	1991	1.24	ug/l		98
31) Cyclohexane	5.67	56	4861	0.94	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16827	3.14	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	22246	3.79	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.66	43	1705	0.30	ug/l		97
76) 1,2,3-Trichloropropane	11.14	75	91811	22.27	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	91811	72.78	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	257	0.26	ug/l	#	1

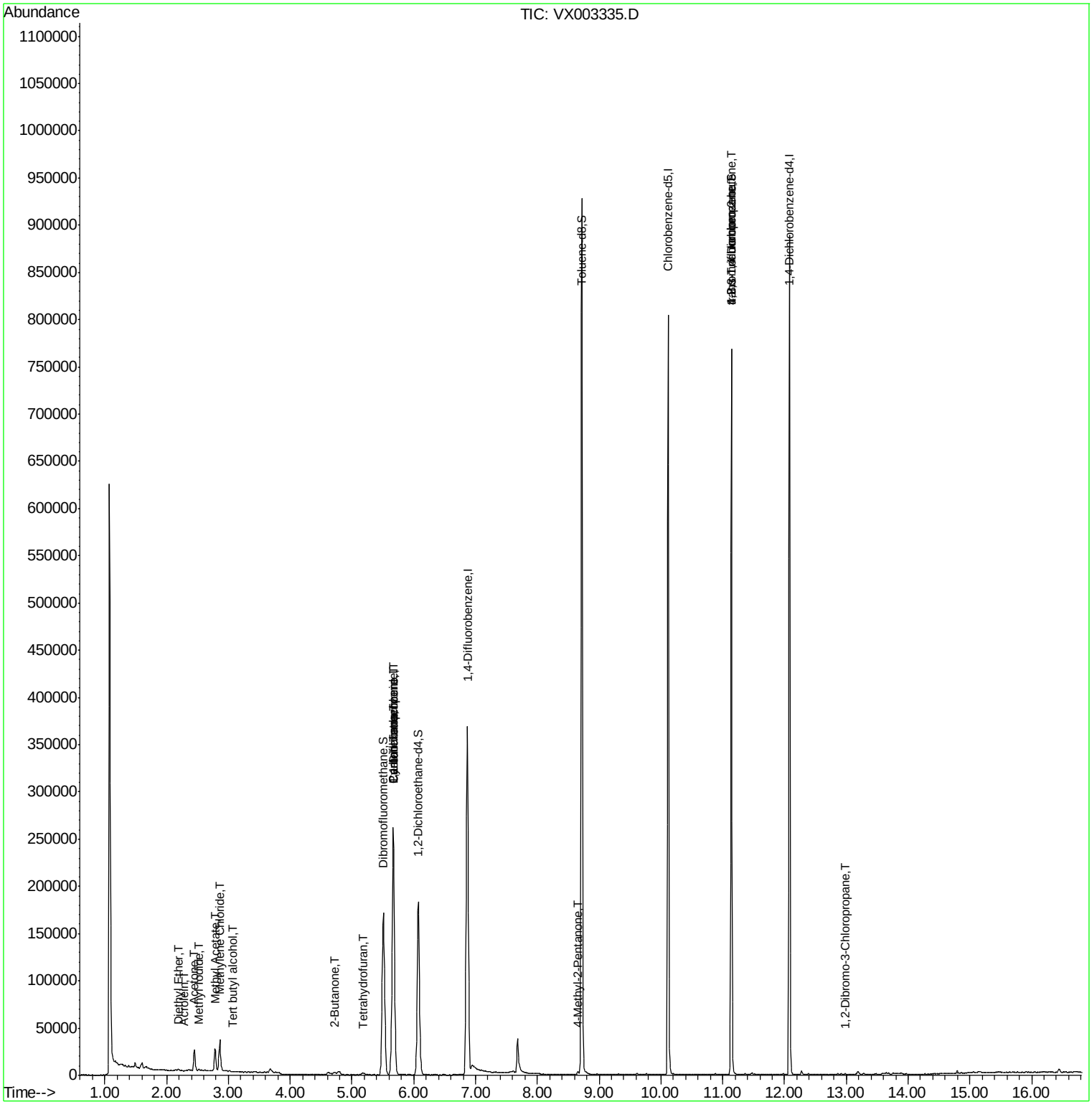
(#) = qualifier out of range (m) = manual integration (+) = signals summed

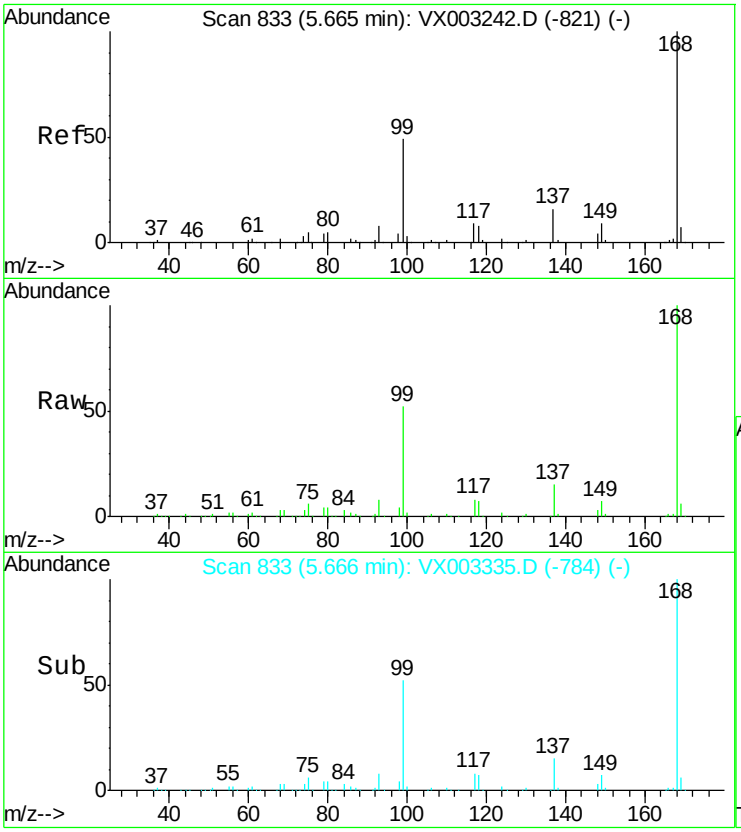
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
Data File : VX003335.D
Acq On : 11 Jul 2018 22:09
Operator : JC/MD
Sample : PB110983ZHE#09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Quant Time: Jul 12 00:59:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration



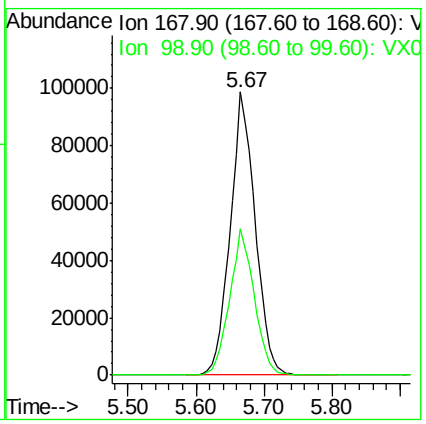


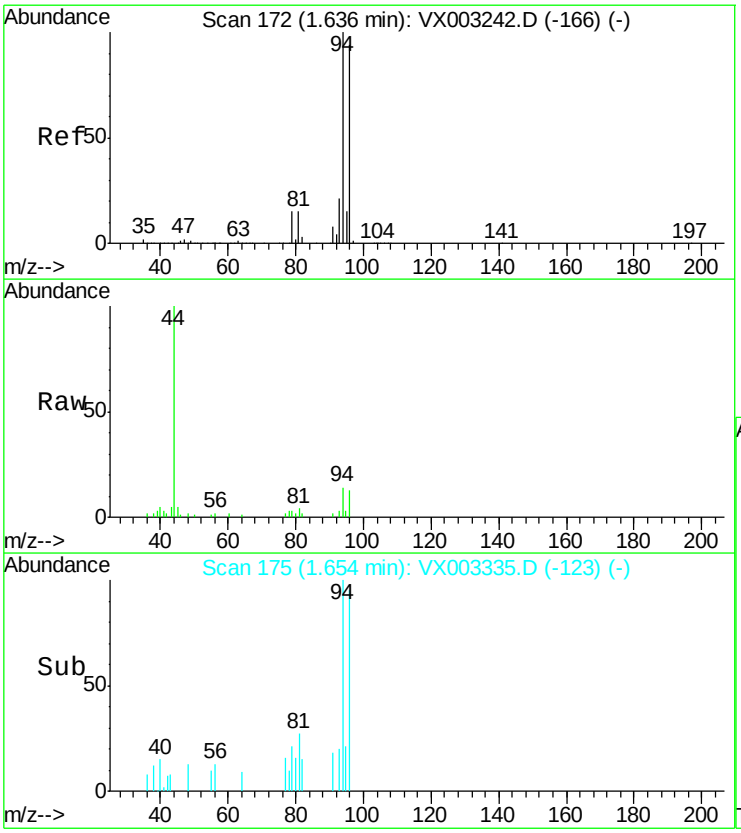
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion:168 Resp: 250692

Ion	Ratio	Lower	Upper
168	100		
99	51.9	39.3	58.9

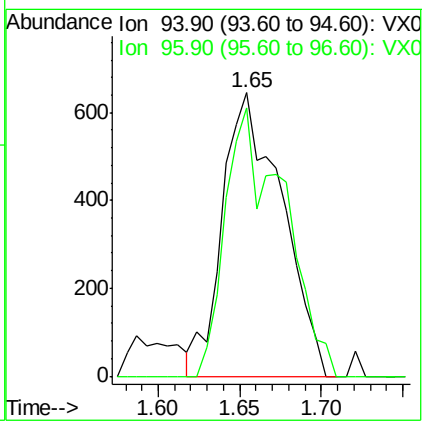


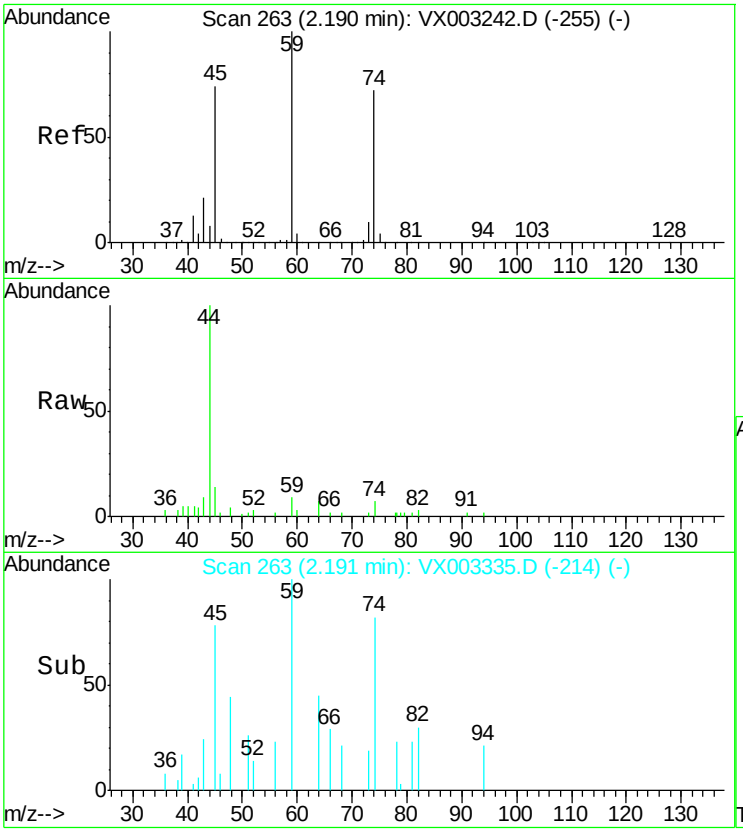


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 94 Resp: 1634

Ion	Ratio	Lower	Upper
94	100		
96	94.6	74.9	112.3



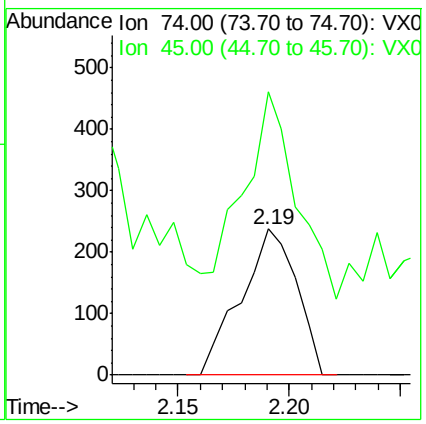


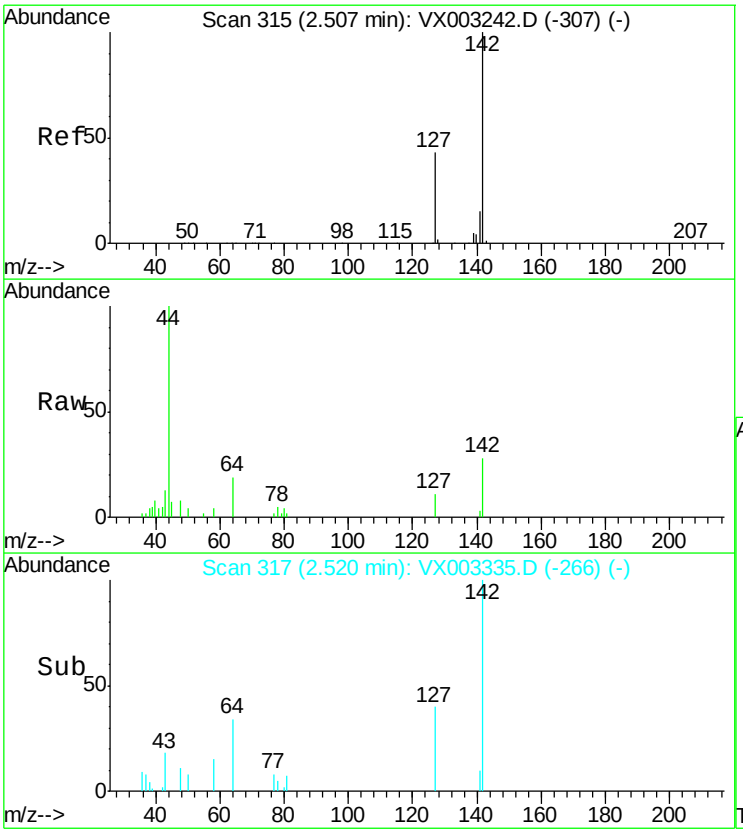
#8
Diethyl Ether
Concen: 0.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument : MSVOA_X
ClientSampleId : PB110983ZHE#09

Tgt Ion: 74 Resp: 414

Ion	Ratio	Lower	Upper
74	100		
45	135.3	53.1	159.4

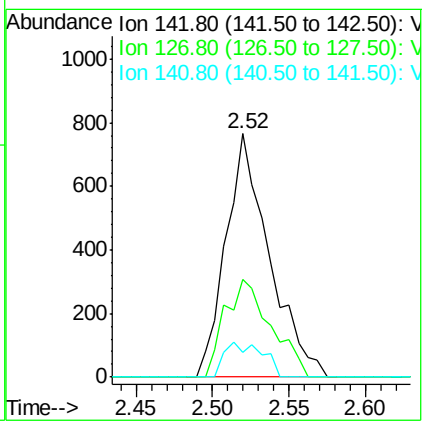


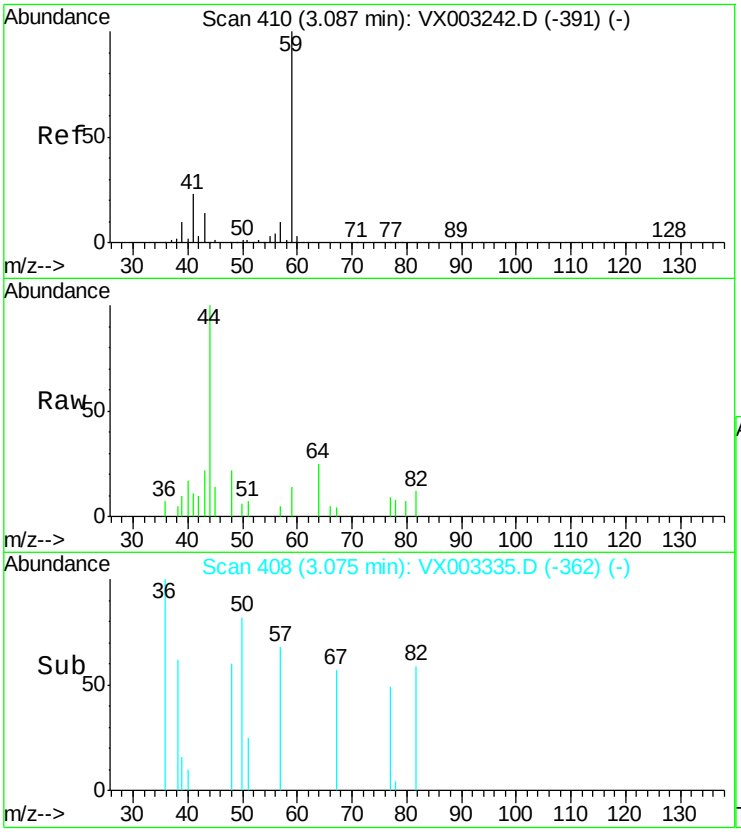


#10
Methyl Iodide
Concen: 6.04 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion:142 Resp: 1506

Ion	Ratio	Lower	Upper
142	100		
127	42.3	36.6	55.0
141	12.3	11.3	16.9



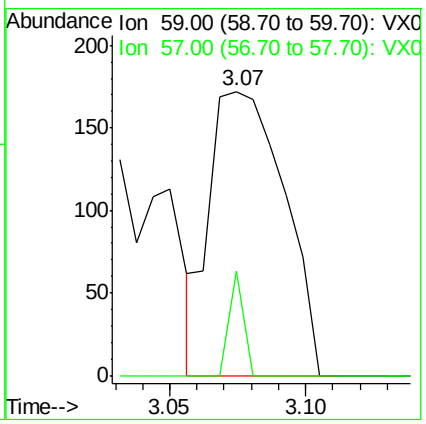


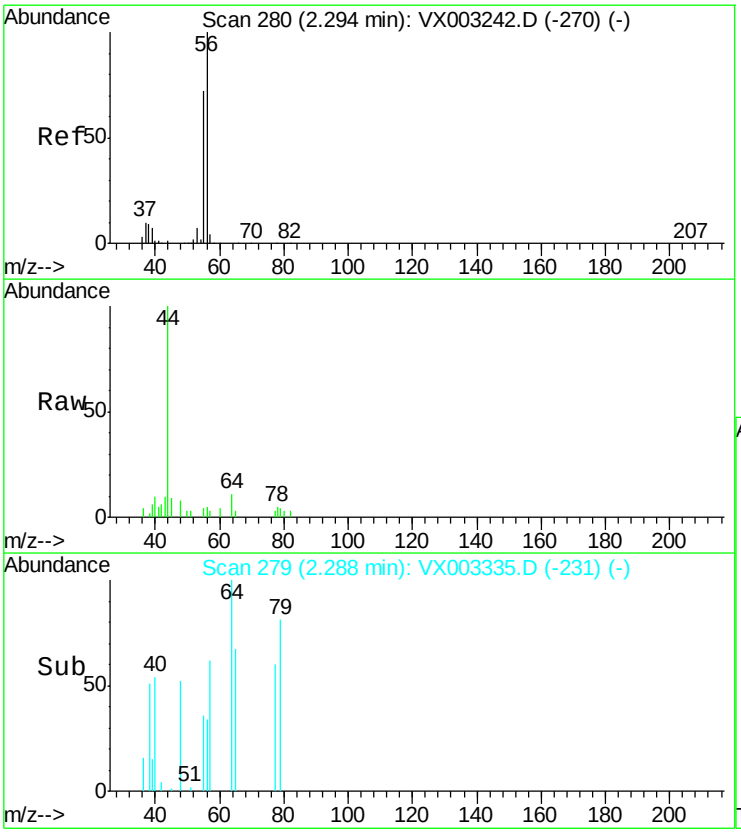
#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 59 Resp: 326

Ion	Ratio	Lower	Upper
59	100		
57	7.1	8.2	12.2#

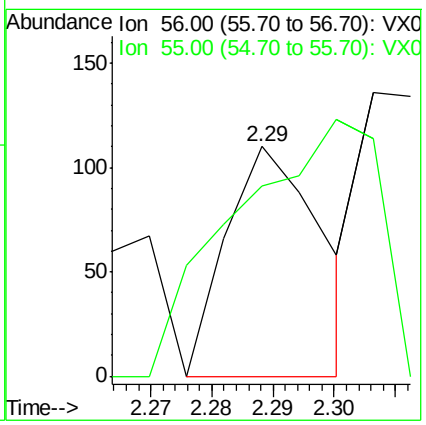


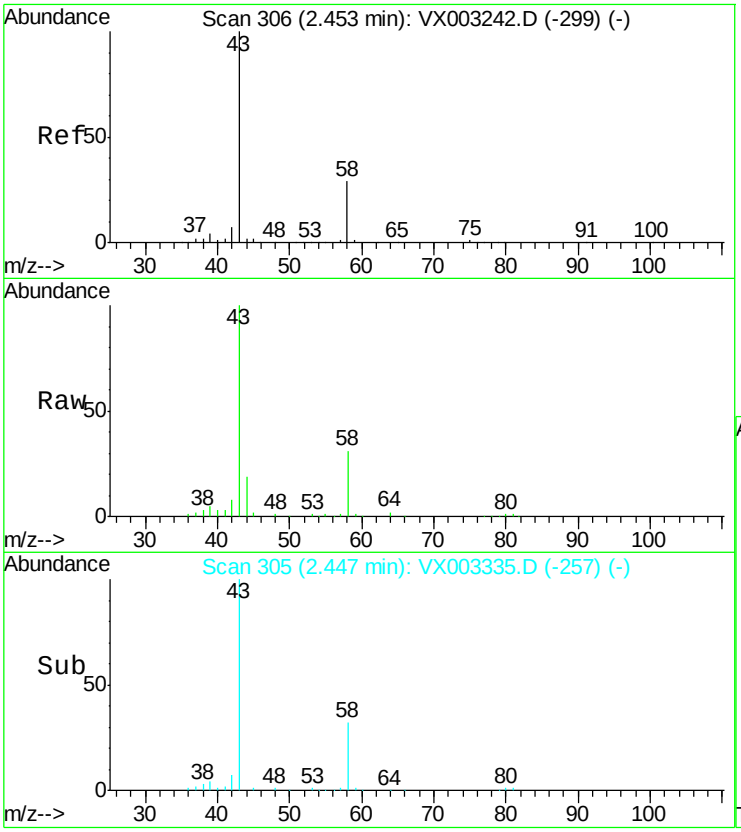


#13
Acrolein
Concen: 0.20 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 56 Resp: 118

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



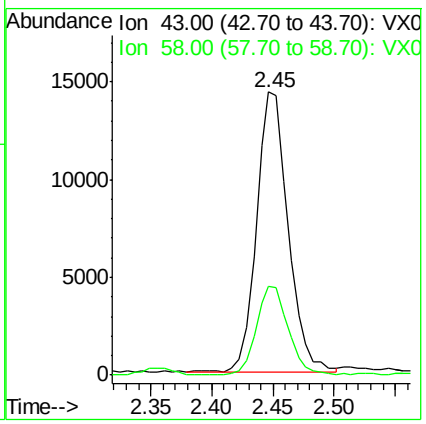


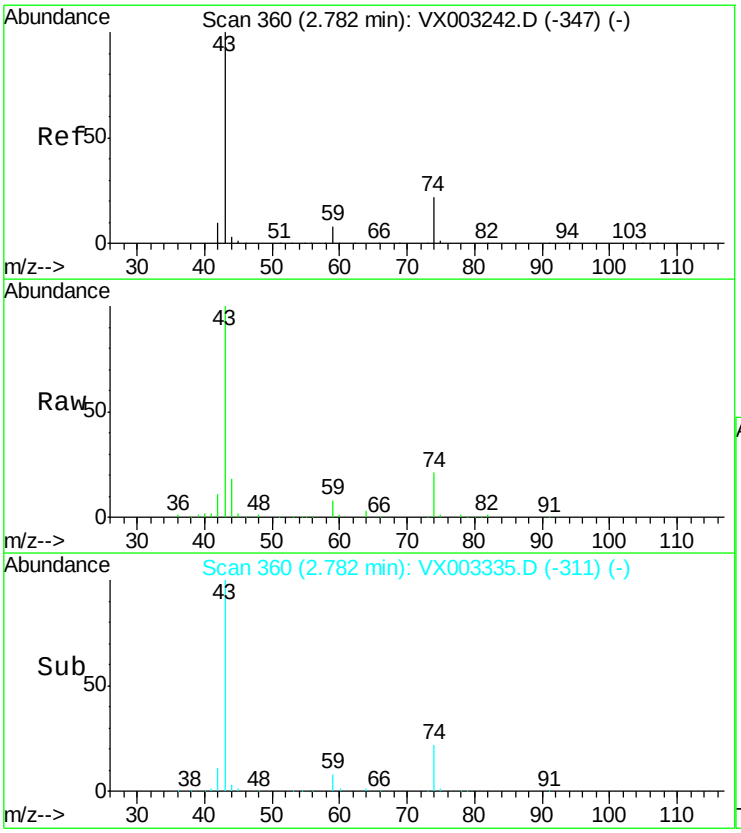
#16
Acetone
Concen: 18.50 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument : MSVOA_X
ClientSampleId : PB110983ZHE#09

Tgt Ion: 43 Resp: 25911

Ion	Ratio	Lower	Upper
43	100		
58	31.7	22.1	33.1

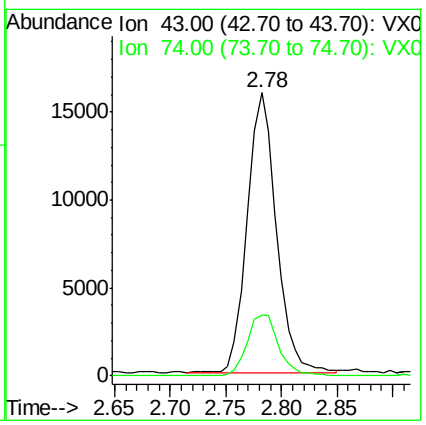


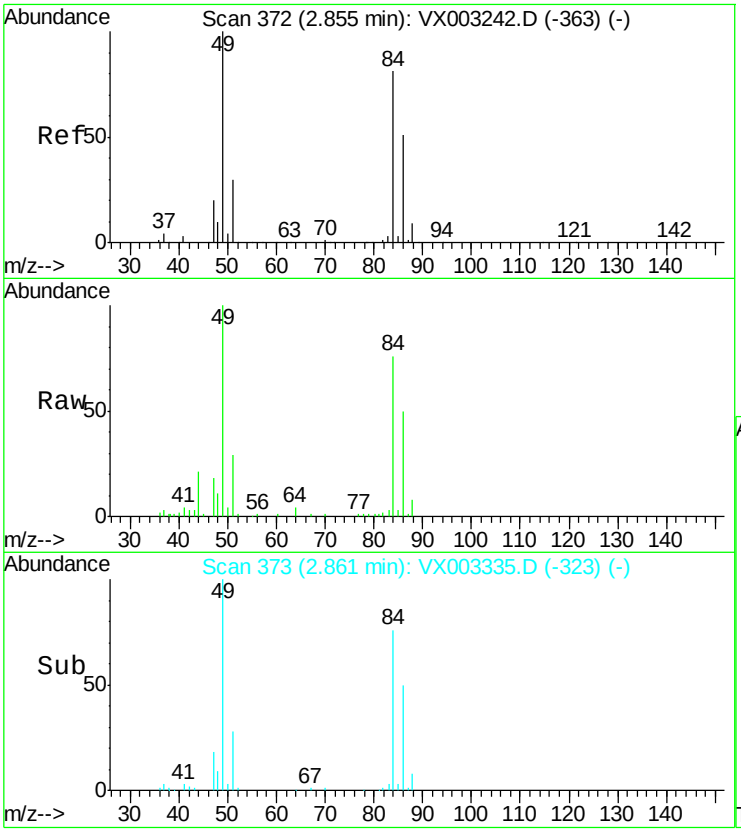


#18
Methyl Acetate
Concen: 7.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 43 Resp: 29049

Ion	Ratio	Lower	Upper
43	100		
74	23.8	16.7	25.1



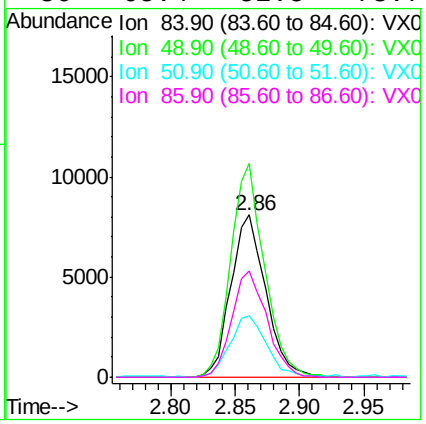


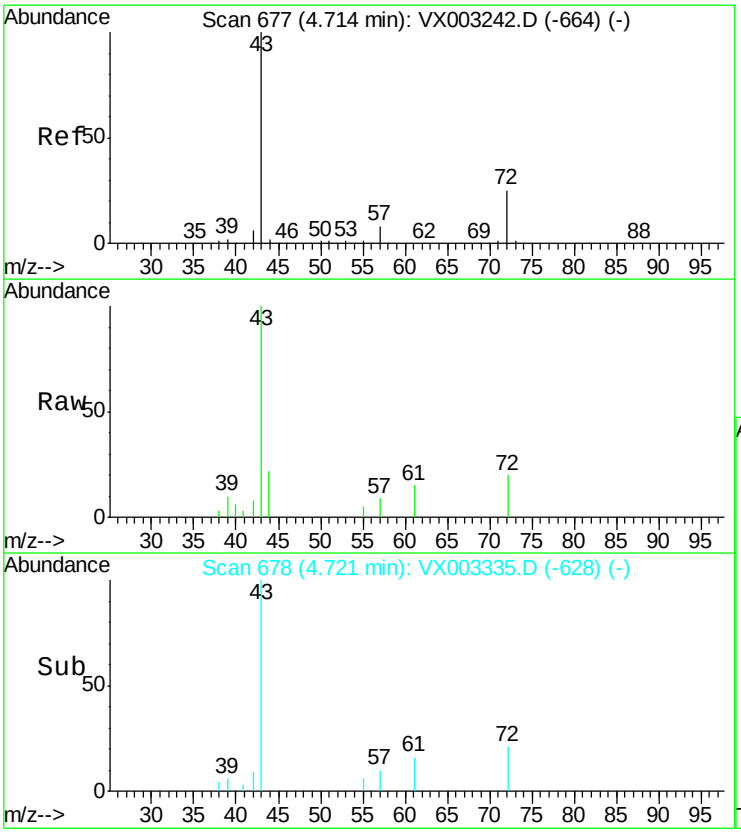
#20
Methylene Chloride
Concen: 4.69 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument : MSVOA_X
ClientSampleId : PB110983ZHE#09

Tgt Ion: 84 Resp: 15309

Ion	Ratio	Lower	Upper
84	100		
49	131.5	107.8	161.6
51	37.5	32.8	49.2
86	65.4	52.5	78.7

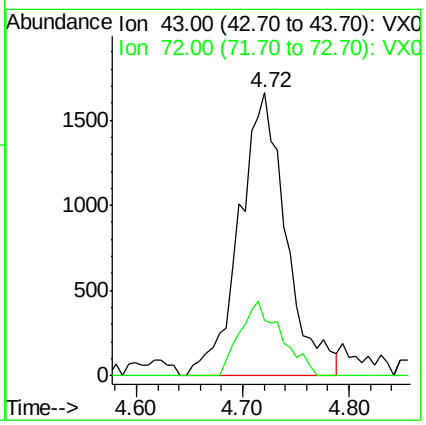


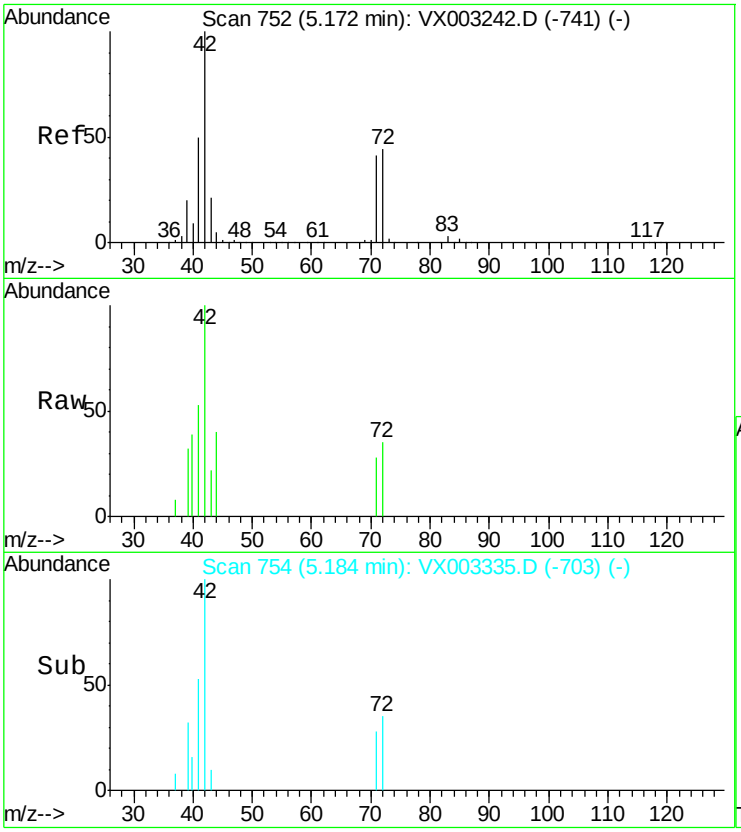


#25
2-Butanone
Concen: 2.07 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 43 Resp: 5121

Ion	Ratio	Lower	Upper
43	100		
72	19.7	18.5	27.7



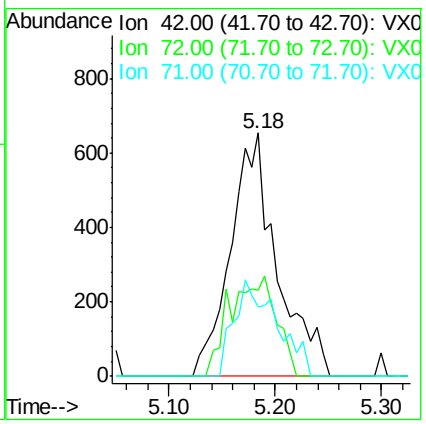


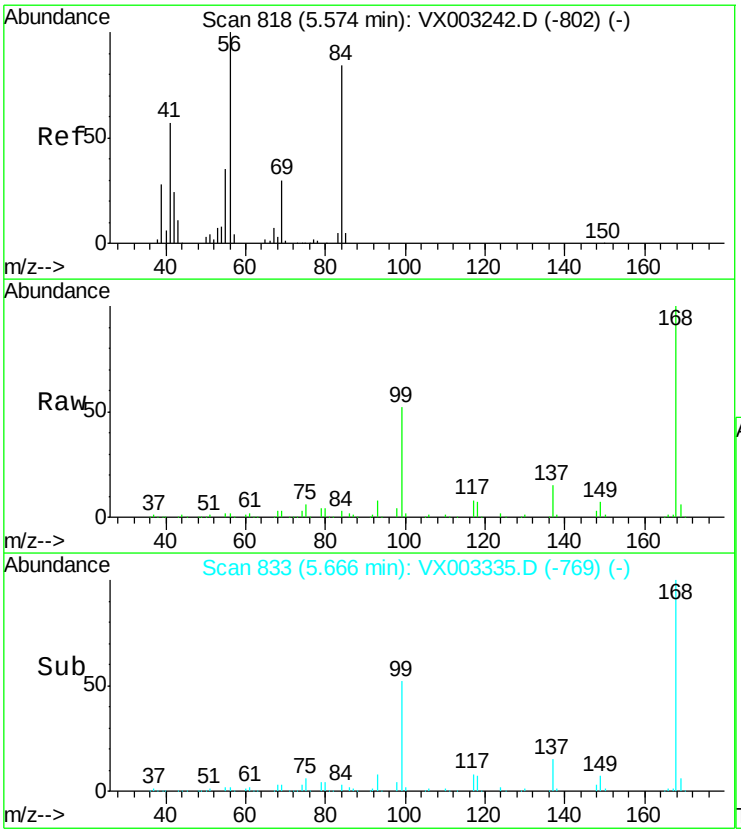
#29
Tetrahydrofuran
Concen: 1.24 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 42 Resp: 1991

Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.0	48.0
71	36.5	30.1	45.1

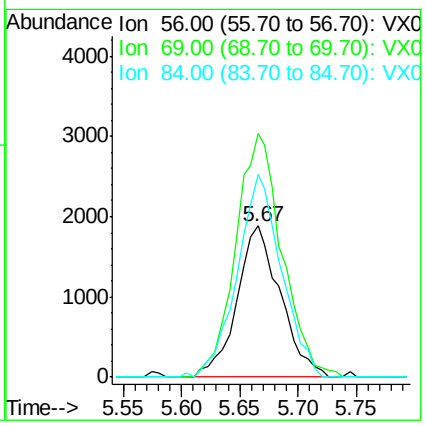


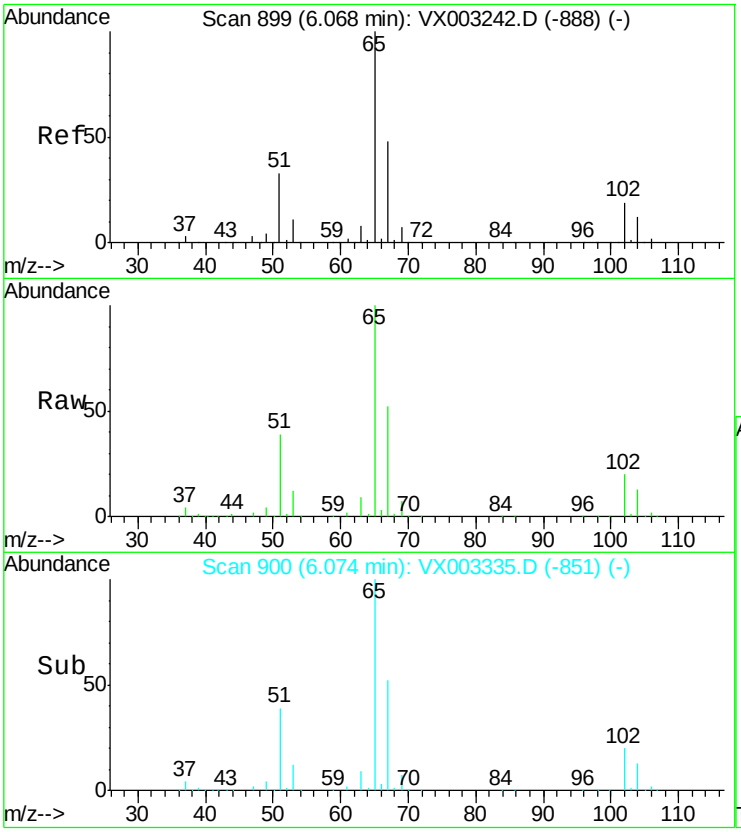


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 56 Resp: 4861

Ion	Ratio	Lower	Upper
56	100		
69	161.4	23.7	35.5#
84	134.3	64.1	96.1#



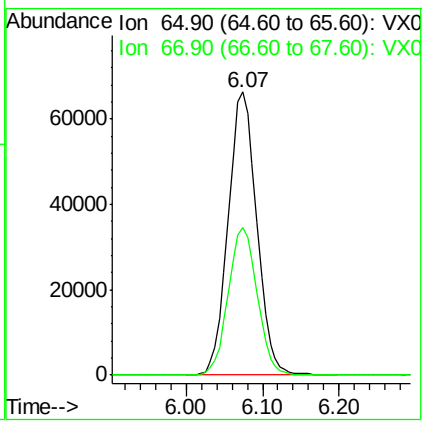


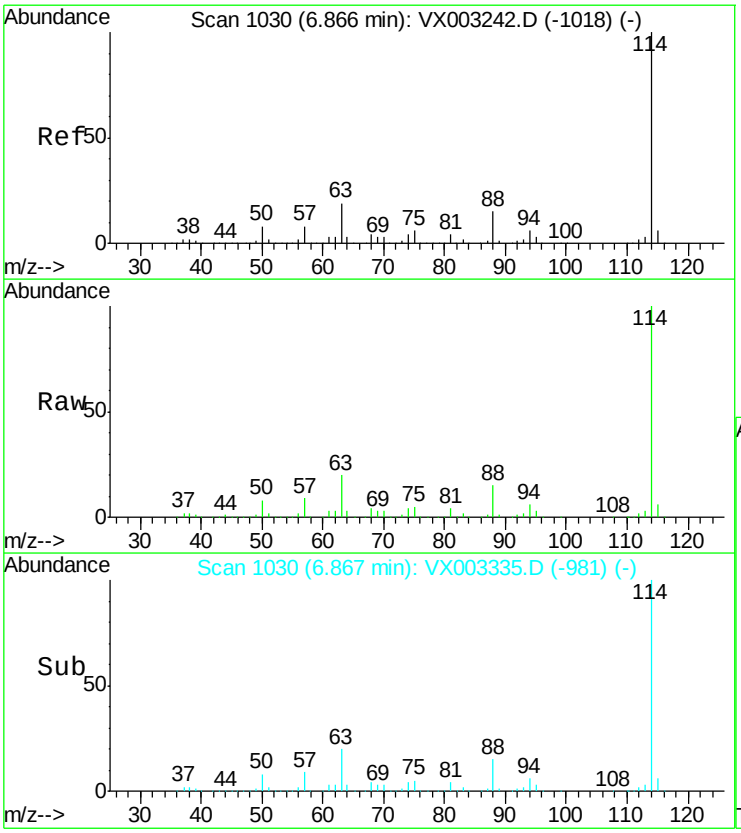
#33
1,2-Dichloroethane-d4
Concen: 43.58 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 65 Resp: 171930

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.6

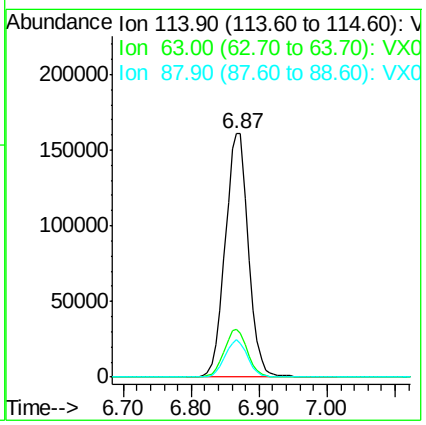


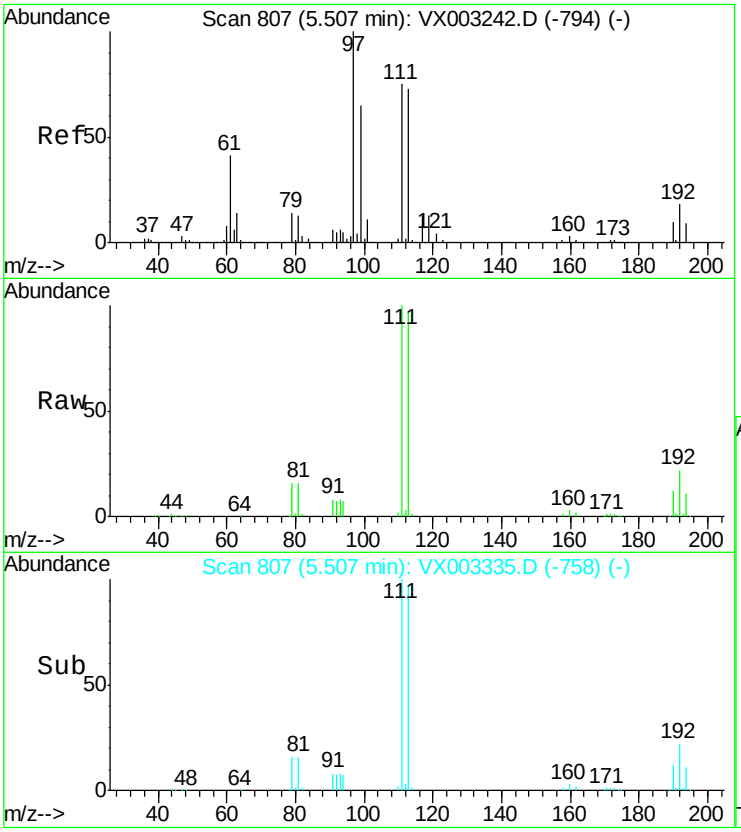


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion:114 Resp: 378961

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.4	0.0	30.0



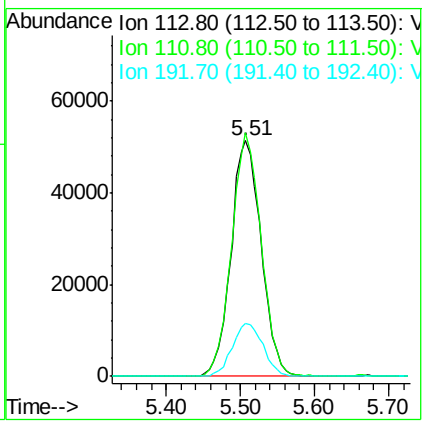


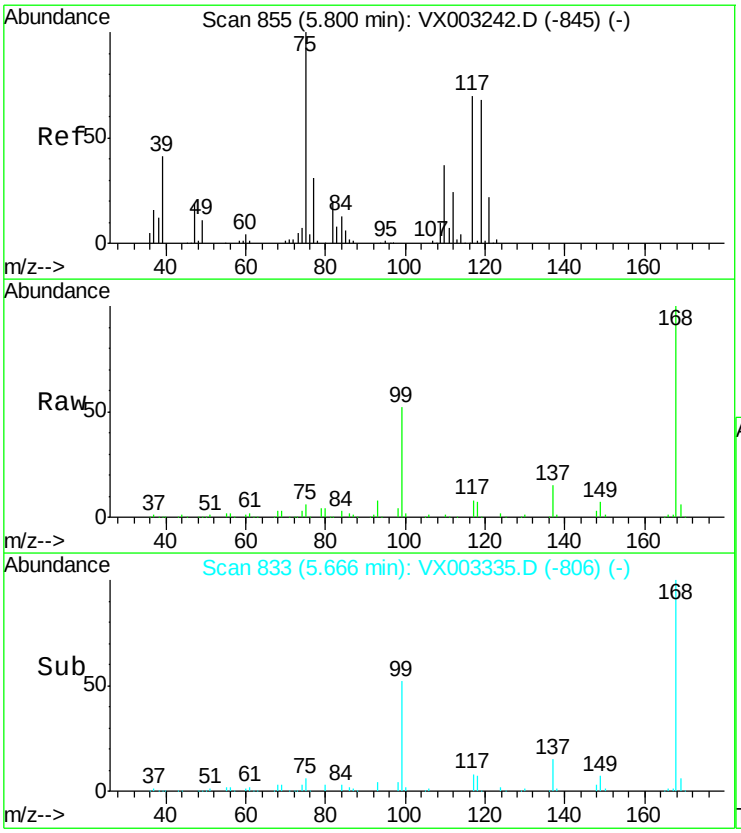
#35
Dibromofluoromethane
Concen: 35.90 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion:113 Resp: 146140

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.0
192	22.8	19.1	28.7

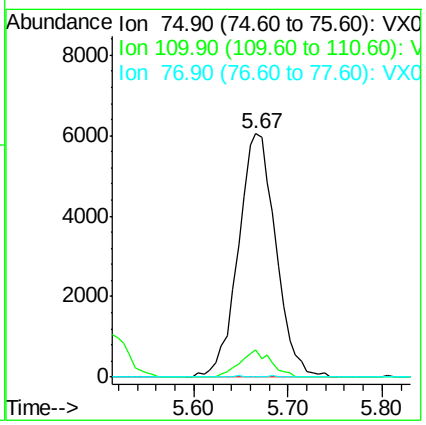


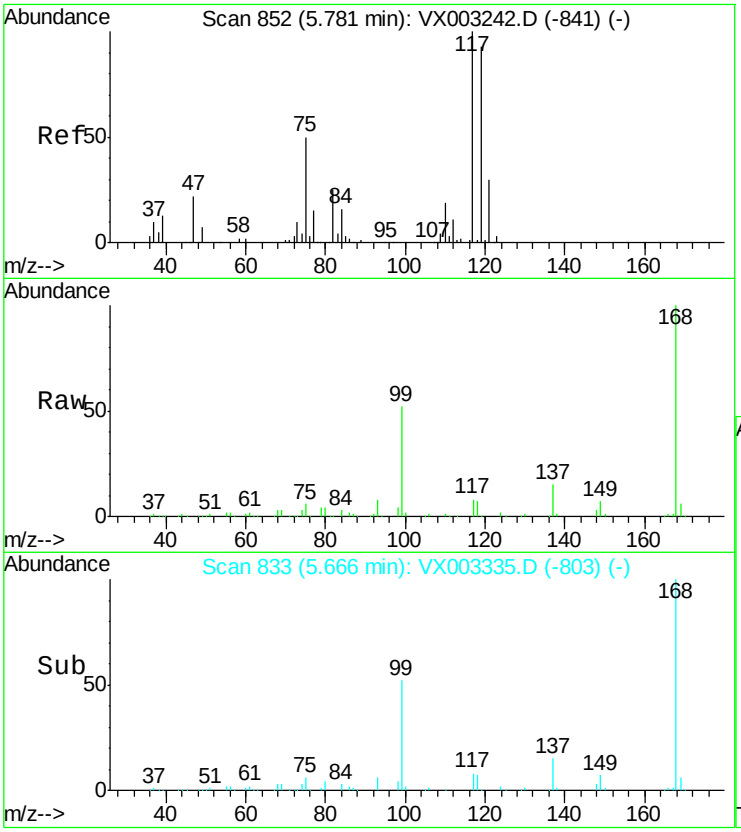


#36
1,1-Dichloropropene
Concen: 3.14 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 75 Resp: 16827

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.1	24.3	36.5#



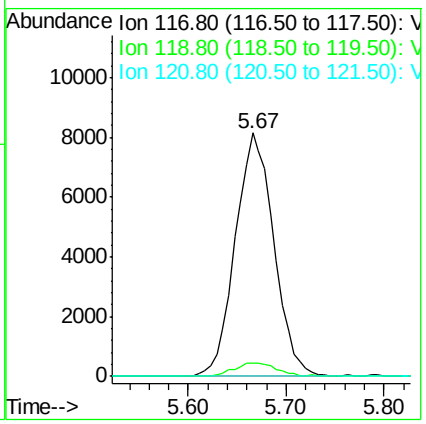


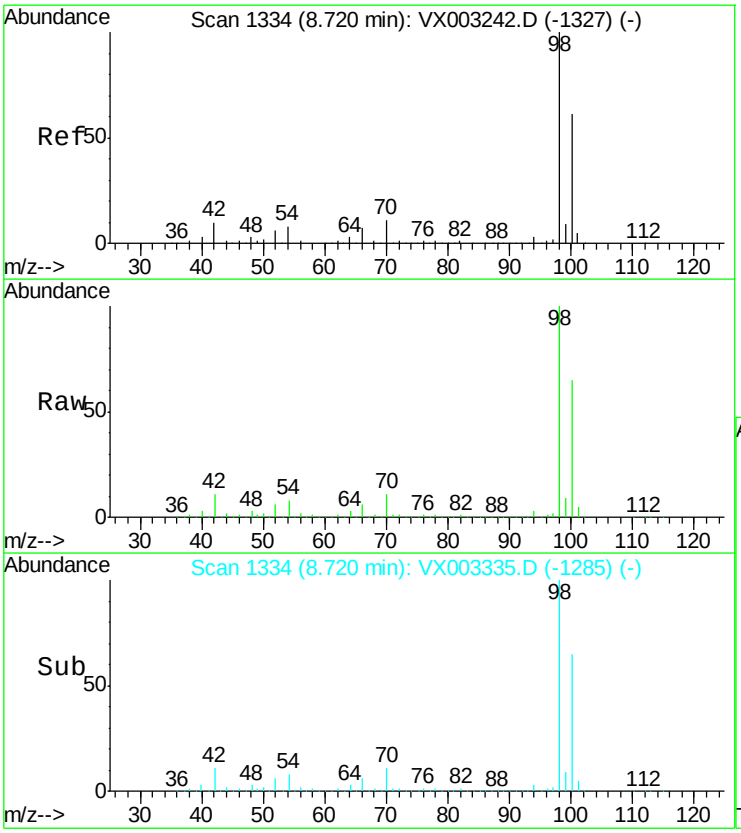
#38
Carbon Tetrachloride
Concen: 3.79 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion:117 Resp: 22246

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

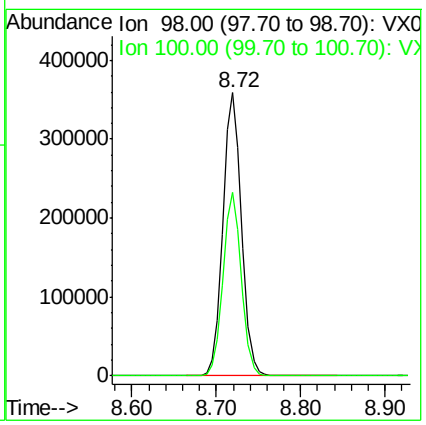


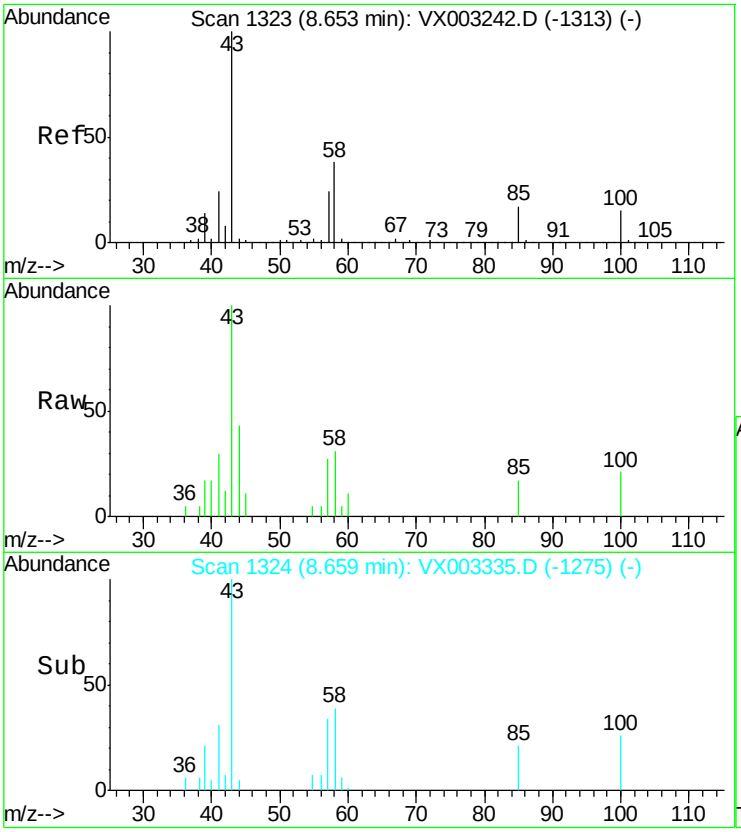


#50
Toluene-d8
Concen: 37.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 98 Resp: 545436

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3



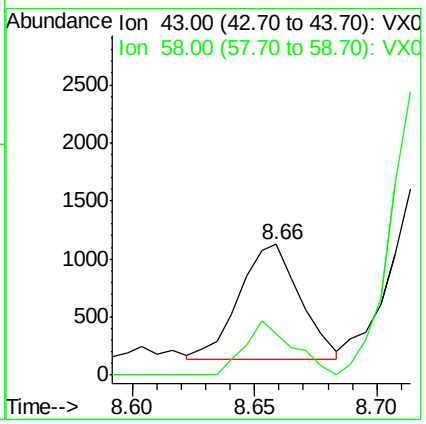


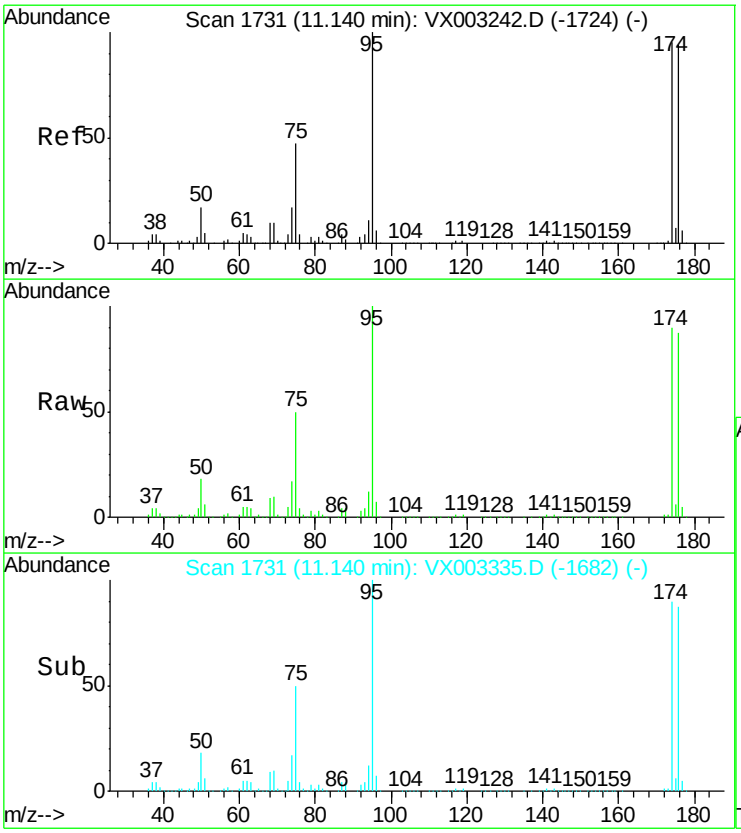
#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 43 Resp: 1705

Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.6	42.8

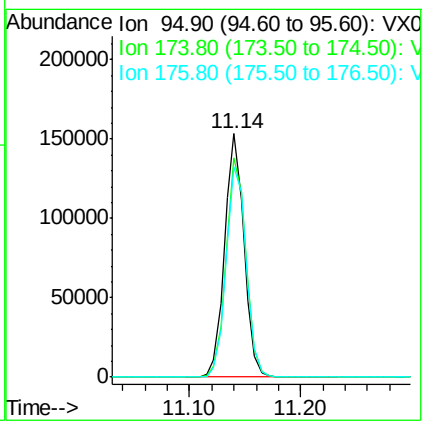


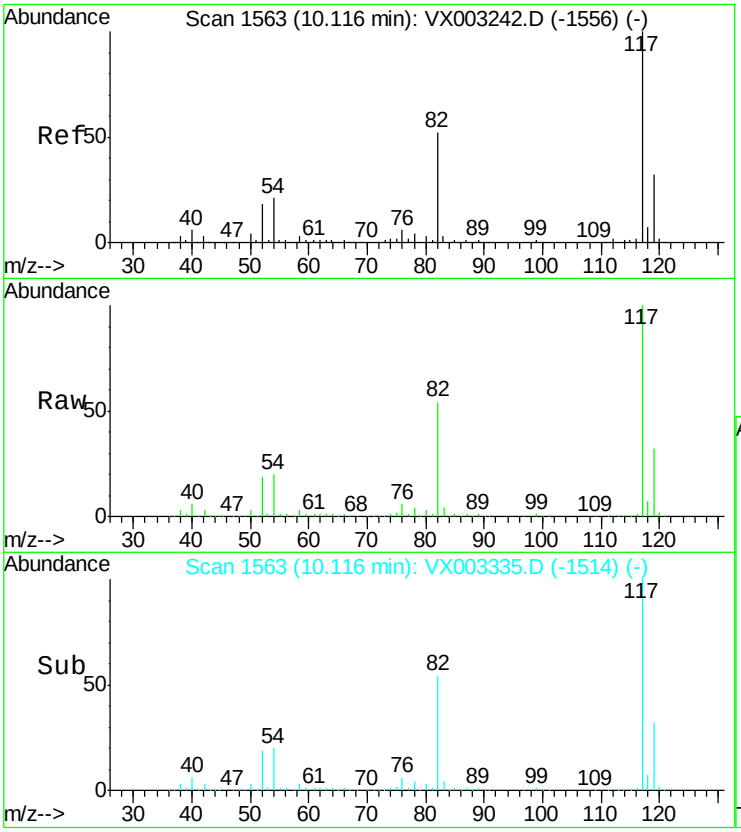


#62
4-Bromofluorobenzene
Concen: 34.51 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 95 Resp: 184392

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	187.4
176	89.6	0.0	181.0



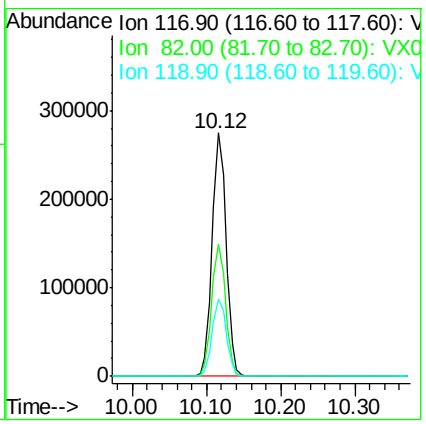


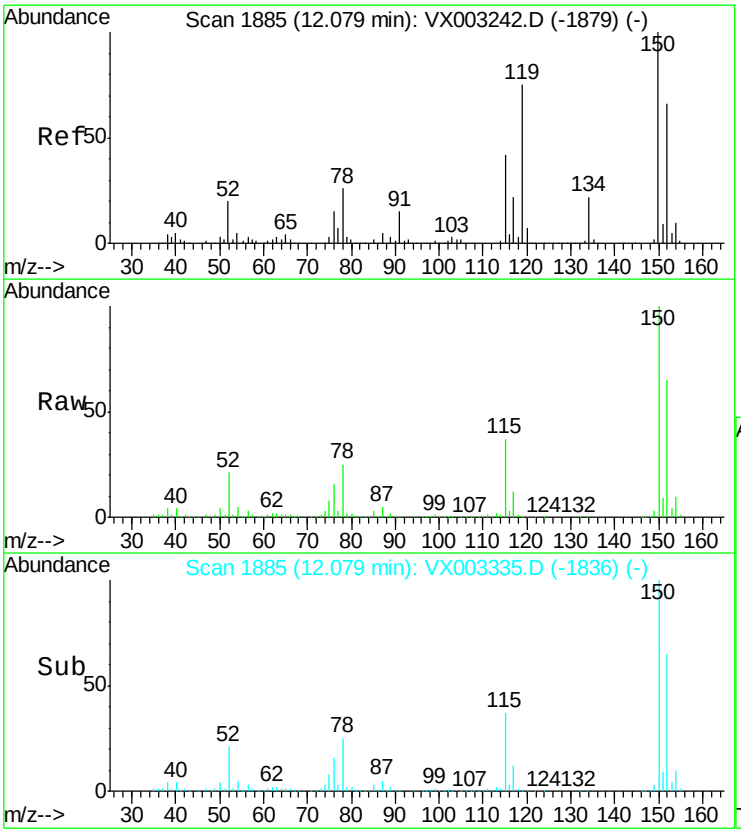
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion:117 Resp: 354651

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	31.9	25.8	38.6

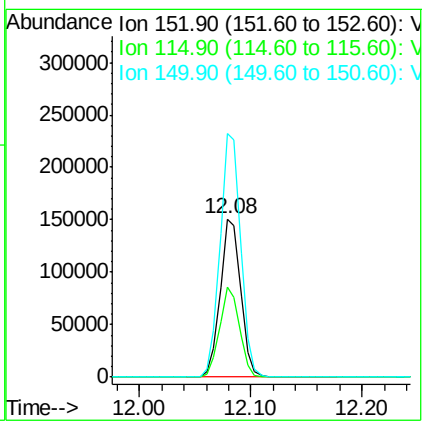


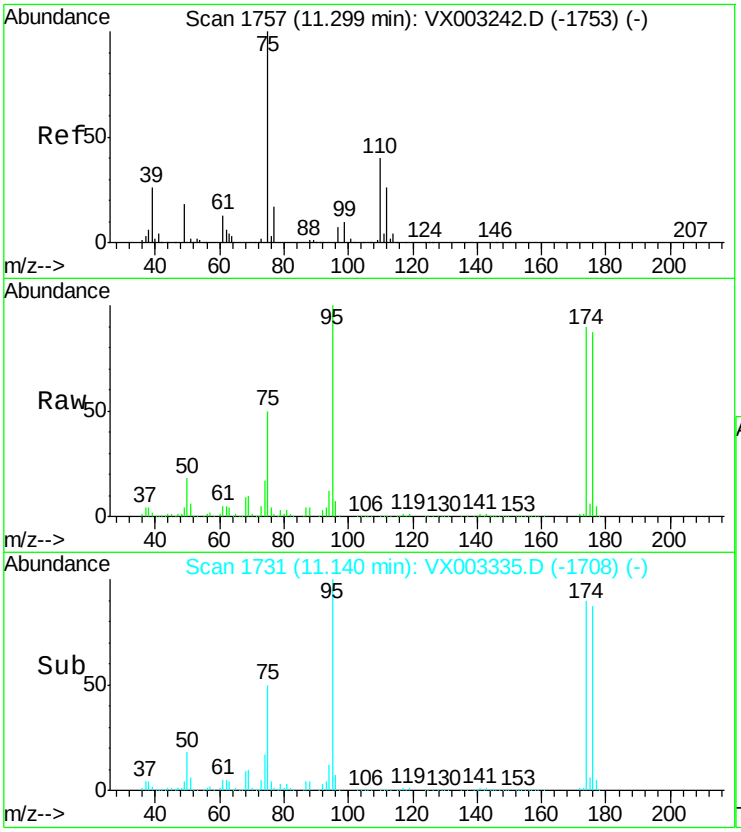


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion:152 Resp: 190782

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.1	120.2
150	155.9	0.0	347.2



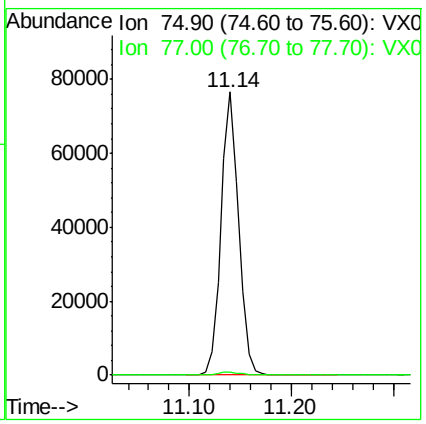


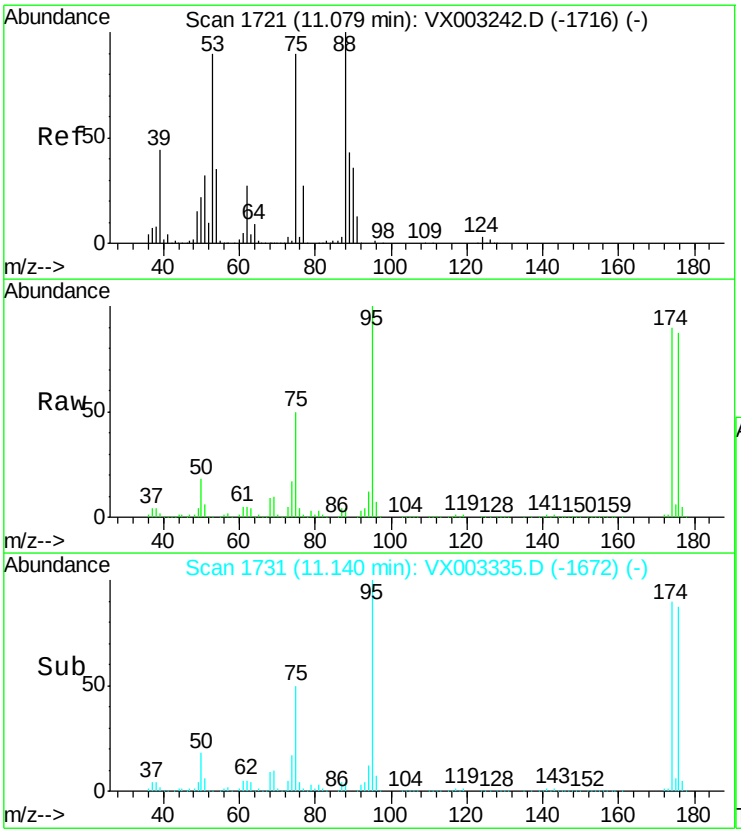
#76
1,2,3-Trichloropropane
Concen: 22.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 75 Resp: 91811

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

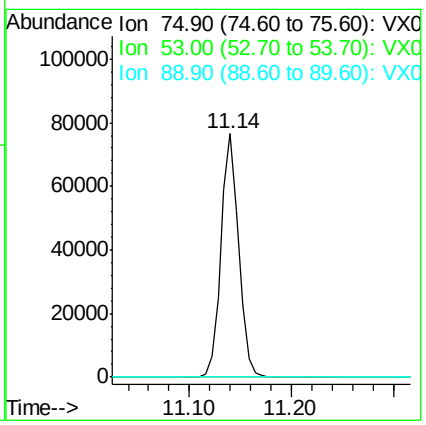


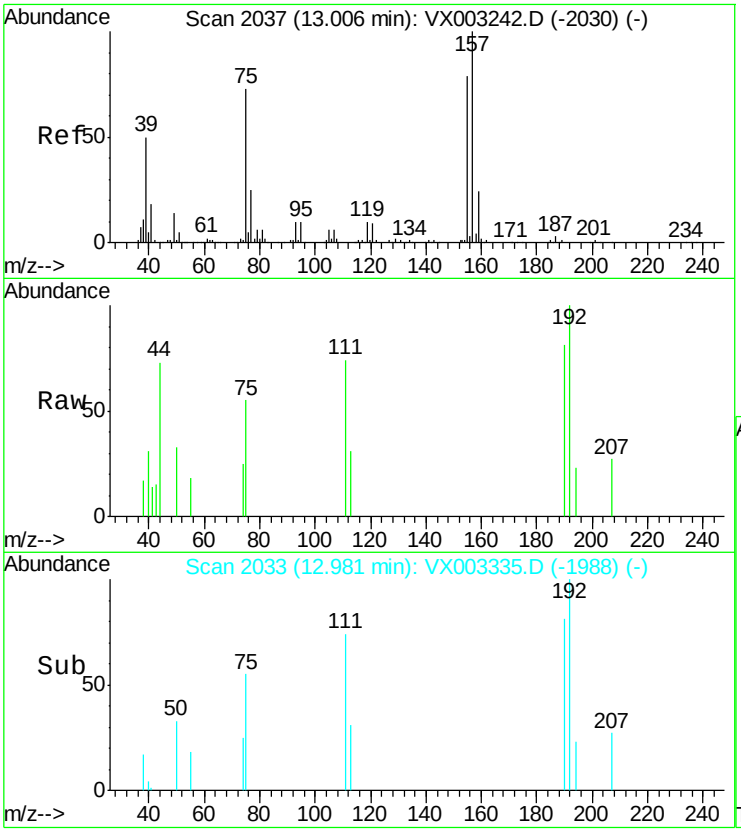


#81
trans-1,4-Dichloro-2-butene
Concen: 72.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Tgt Ion: 75 Resp: 91811

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.26 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003335.D
Acq: 11 Jul 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#09

Tgt Ion: 75 Resp: 257

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#