Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031318\
Data File : VX000312.D
Acq On : 13 Mar 2018 20:28
Operator : JC/MD
Sample : J1890-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DRUM

Quant Time: Mar 14 01:42:00 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	124276	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	209379	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	202605	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107323	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	82008	47.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.20%				
35) Dibromofluoromethane	5.52	113	62837	47.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.56%				
50) Toluene-d8	8.73	98	238880	43.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.70%				
62) 4-Bromofluorobenzene	11.15	95	88584	41.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.32%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.09	59	6587	10.41	ug/l	#	87
16) Acetone	2.46	43	5129	4.15	ug/l		90
19) Methyl tert-butyl Ether	3.22	73	9881	2.12	ug/l		92
20) Methylene Chloride	2.87	84	1512	1.02	ug/l	#	84
68) m/p-Xylenes	10.37	106	3161	1.15	ug/l		97
84) 1,2,4-Trimethylbenzene	11.82	105	10109	1.75	ug/l		97
95) Naphthalene	13.84	128	8330	1.00	ug/l		98

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

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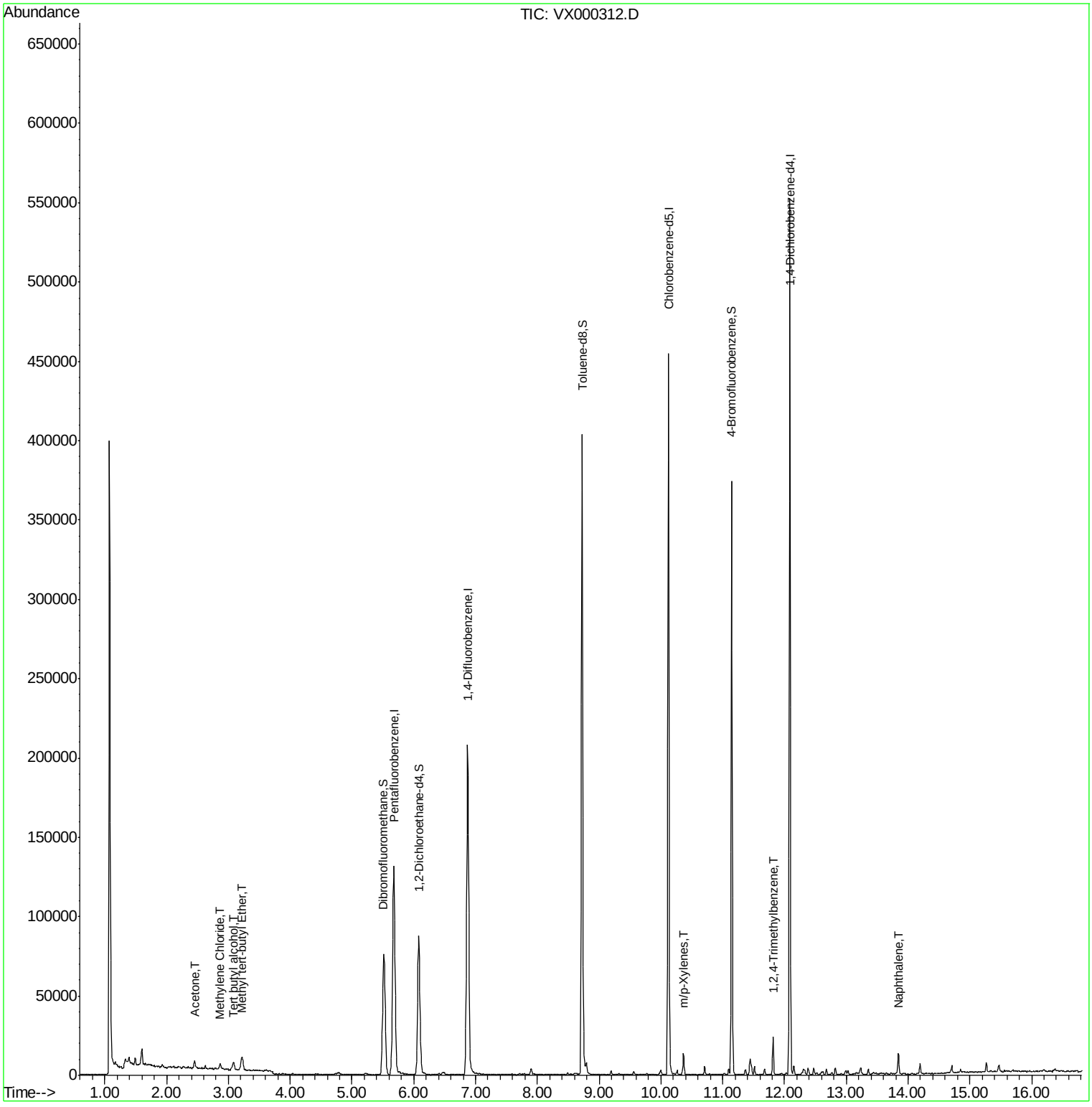
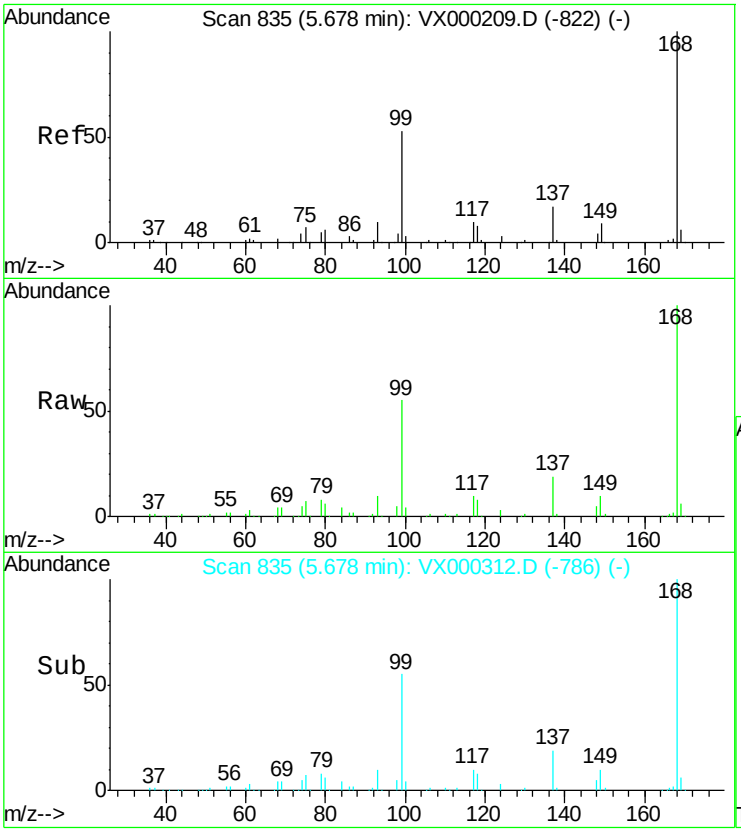


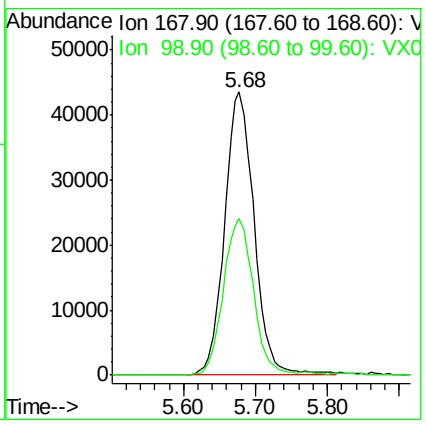


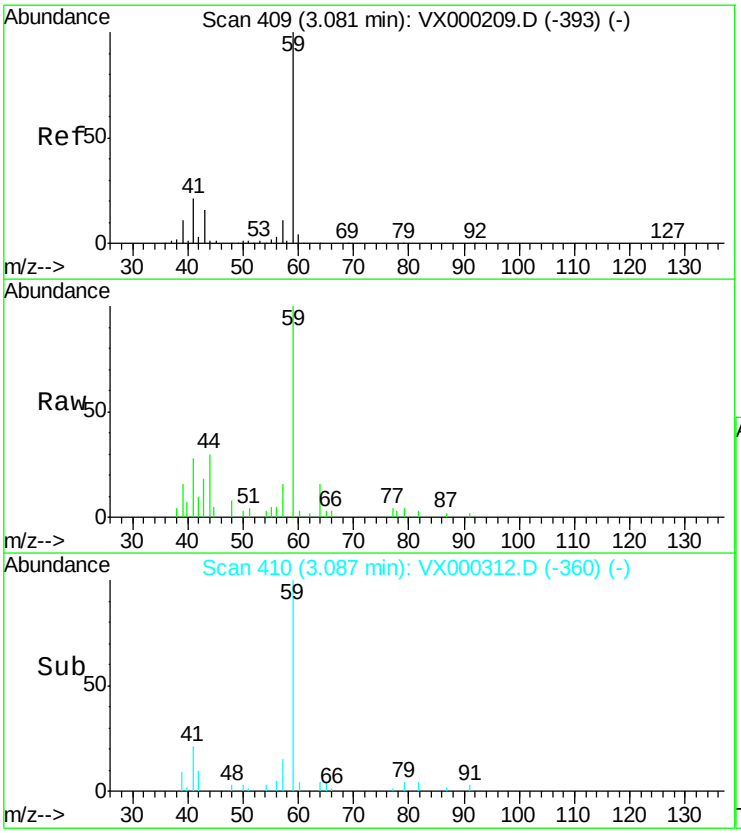
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:168 Resp: 124276

Ion	Ratio	Lower	Upper
168	100		
99	55.2	42.8	64.2

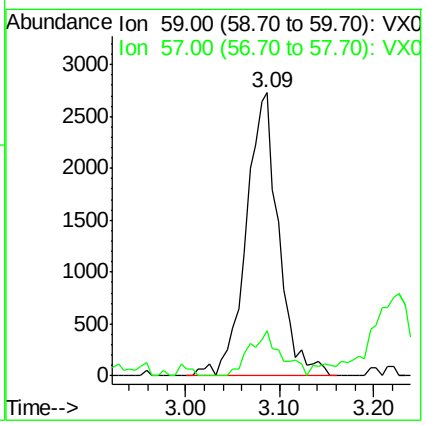


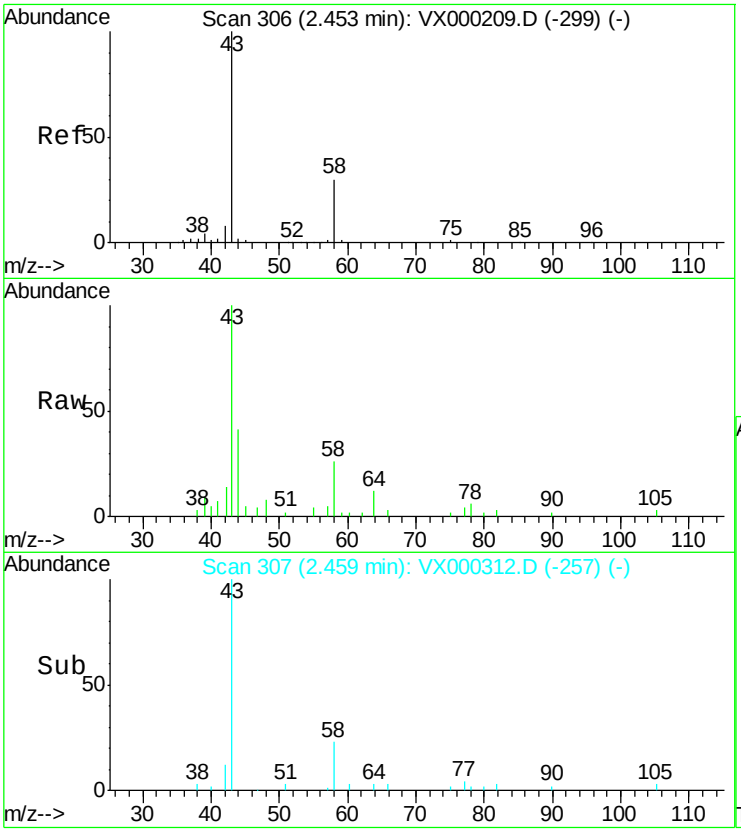


#11
Tert butyl alcohol
Concen: 10.41 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 59 Resp: 6587

Ion	Ratio	Lower	Upper
59	100		
57	15.4	8.4	12.6#



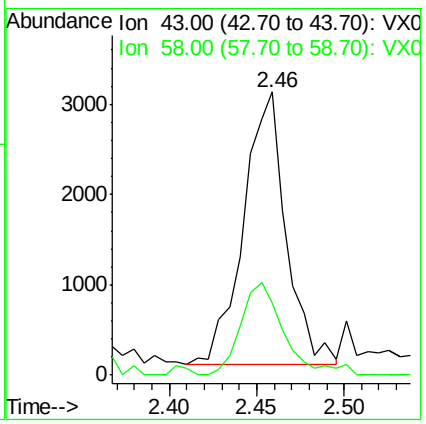


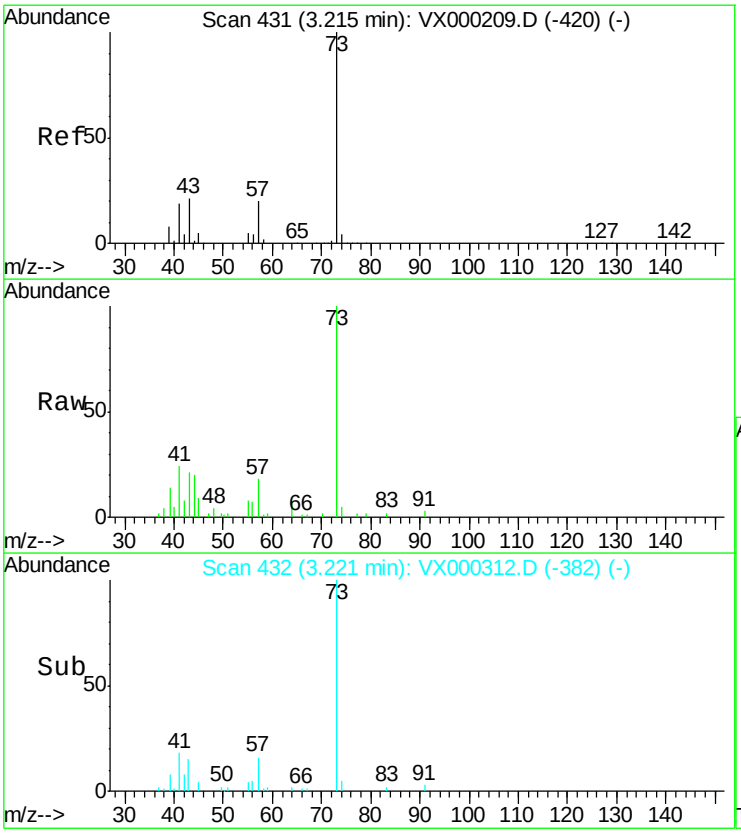
#16
Acetone
Concen: 4.15 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 43 Resp: 5129

Ion	Ratio	Lower	Upper
43	100		
58	24.1	23.8	35.6

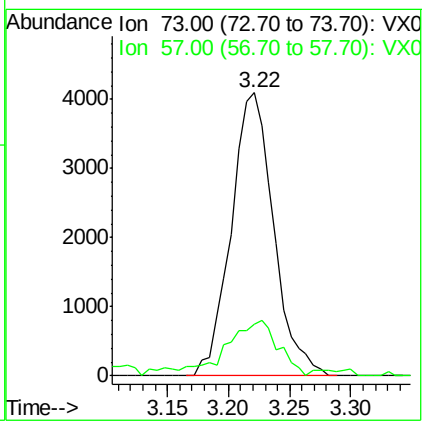


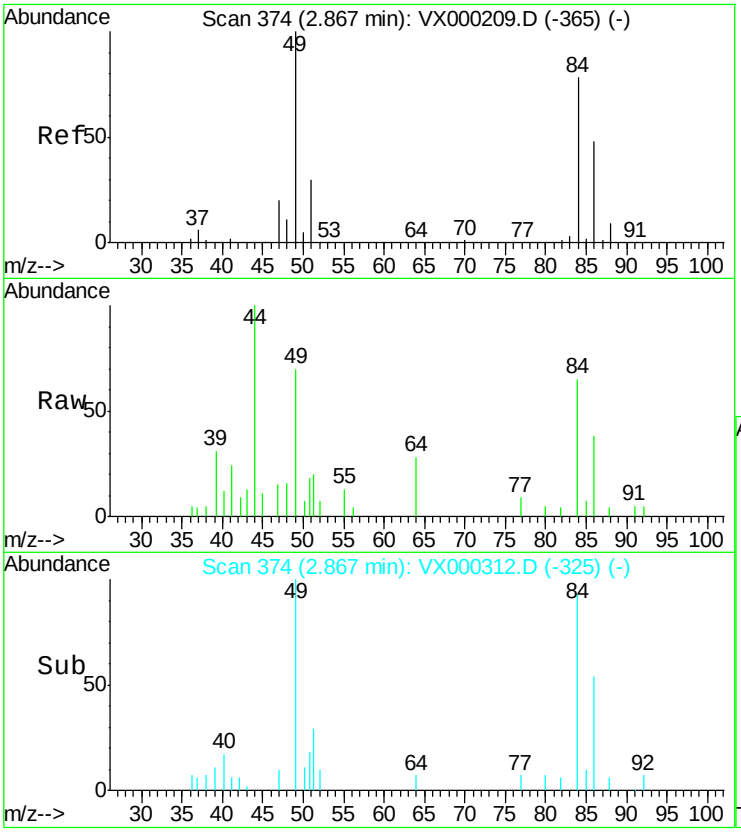


#19
Methyl tert-butyl Ether
Concen: 2.12 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 73 Resp: 9881

Ion	Ratio	Lower	Upper
73	100		
57	16.7	16.3	24.5



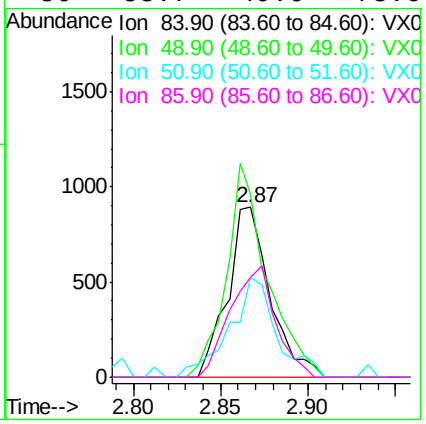


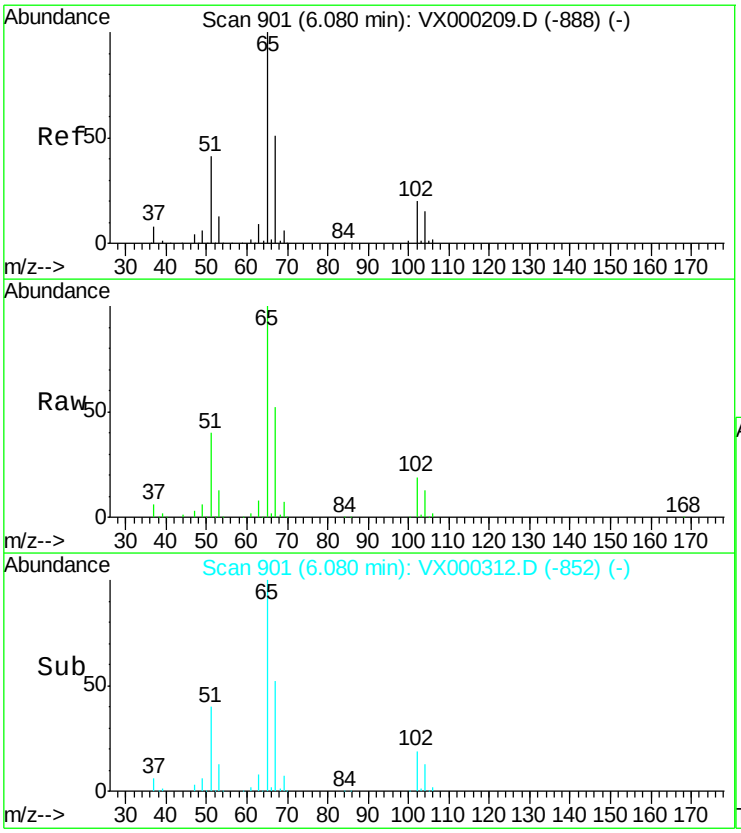
#20
Methylene Chloride
Concen: 1.02 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument : MSVOA_X
ClientSampleId : DRUM

Tgt Ion: 84 Resp: 1512

Ion	Ratio	Lower	Upper
84	100		
49	107.9	102.1	153.1
51	58.8	30.6	45.8#
86	58.7	49.0	73.6

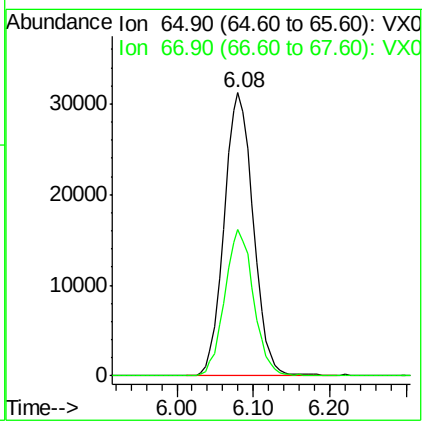


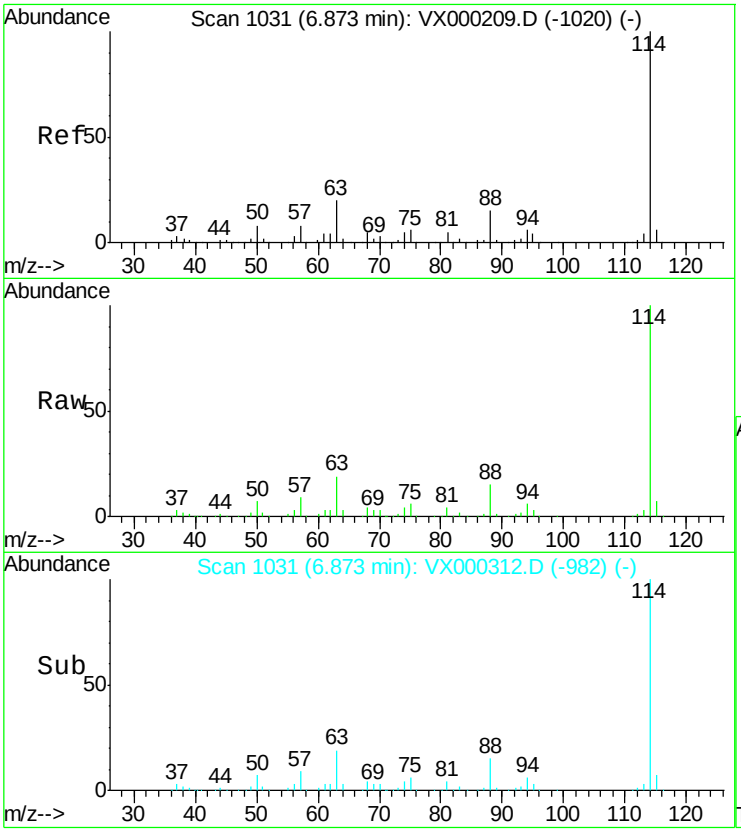


#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 65 Resp: 82008

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.4



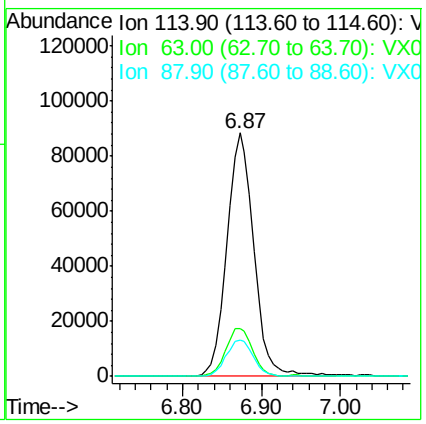


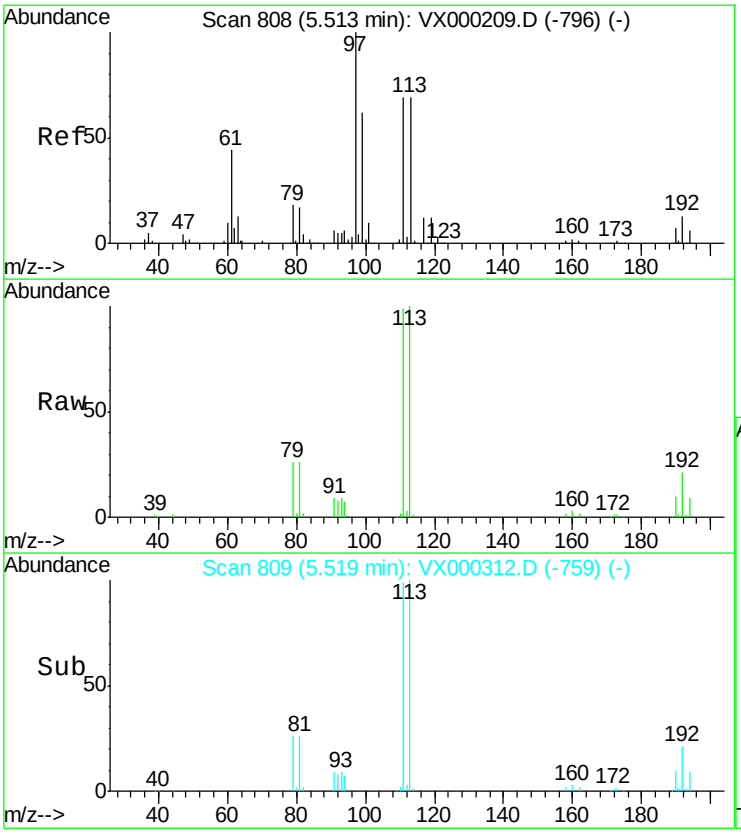
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:114 Resp: 209379

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	14.9	0.0	29.8

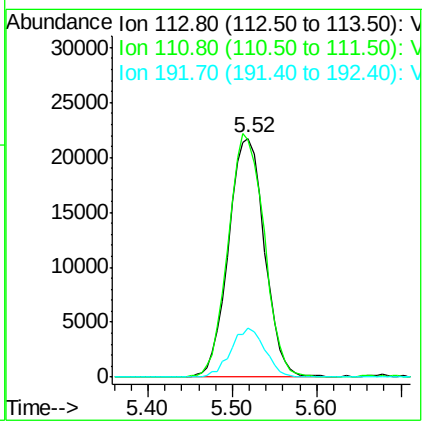


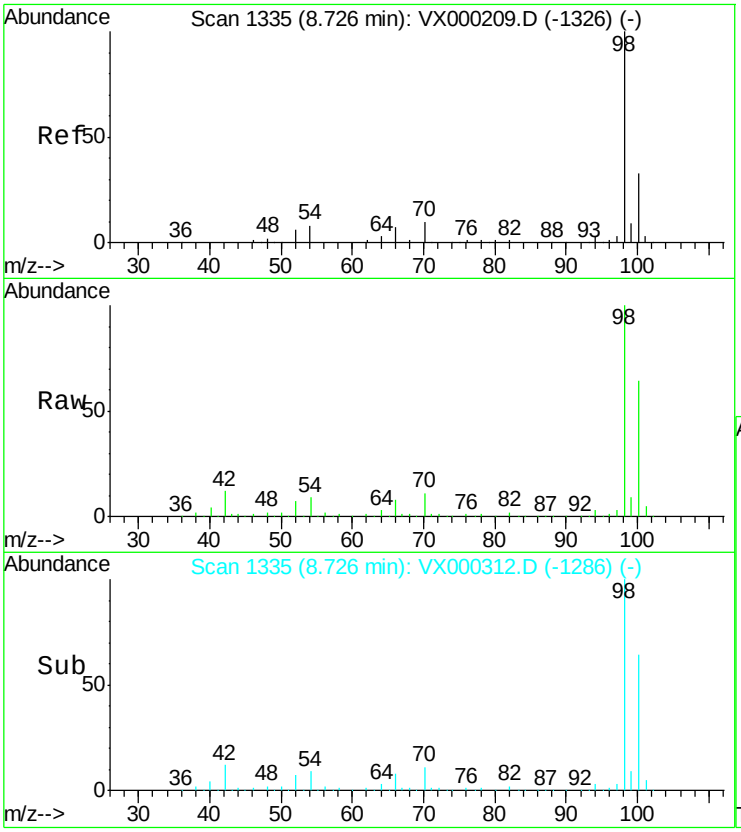


#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:113 Resp: 62837

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	19.4	15.5	23.3



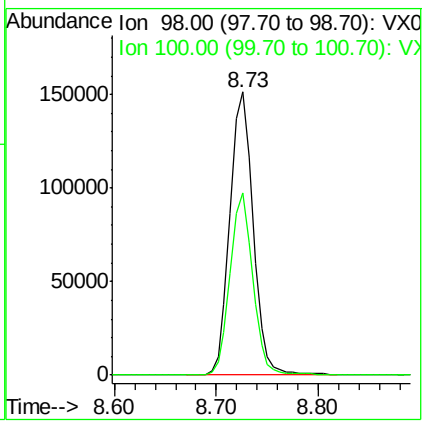


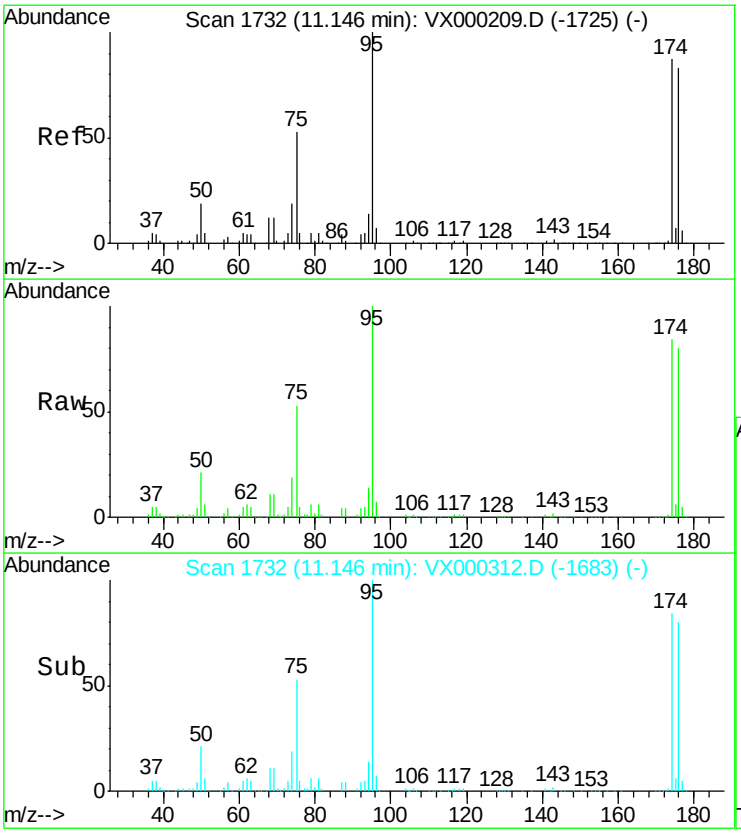
#50
Toluene-d8
Concen: 43.85 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 98 Resp: 238880

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.2	76.8

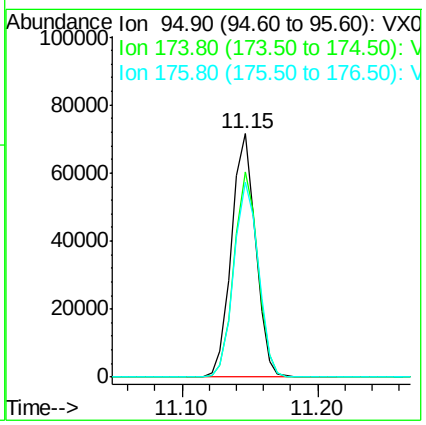


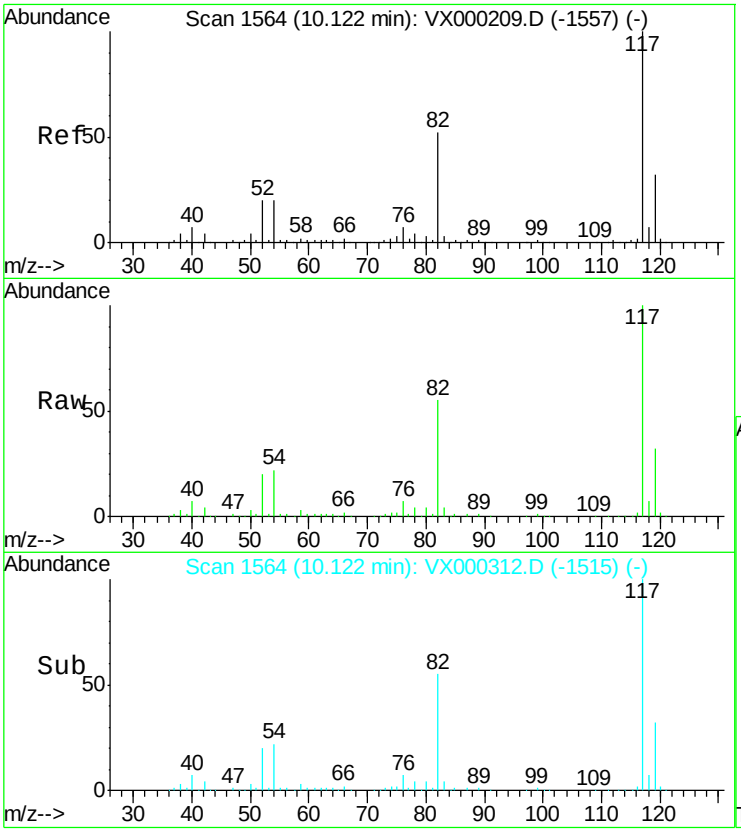


#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 95 Resp: 88584

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	175.6
176	81.6	0.0	171.0



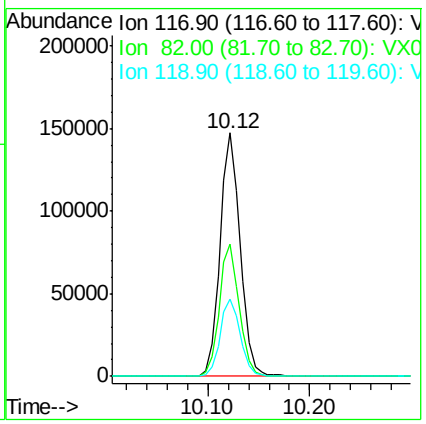


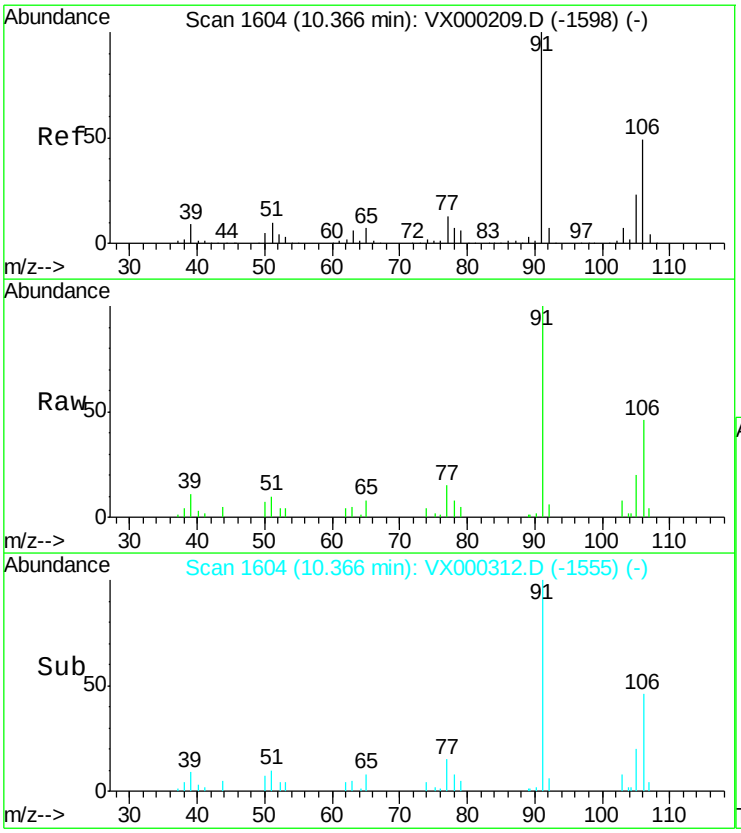
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument : MSVOA_X
ClientSampleId : DRUM

Tgt Ion:117 Resp: 202605

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	32.0	25.3	37.9

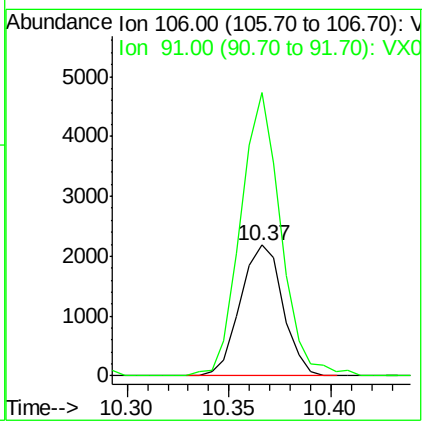


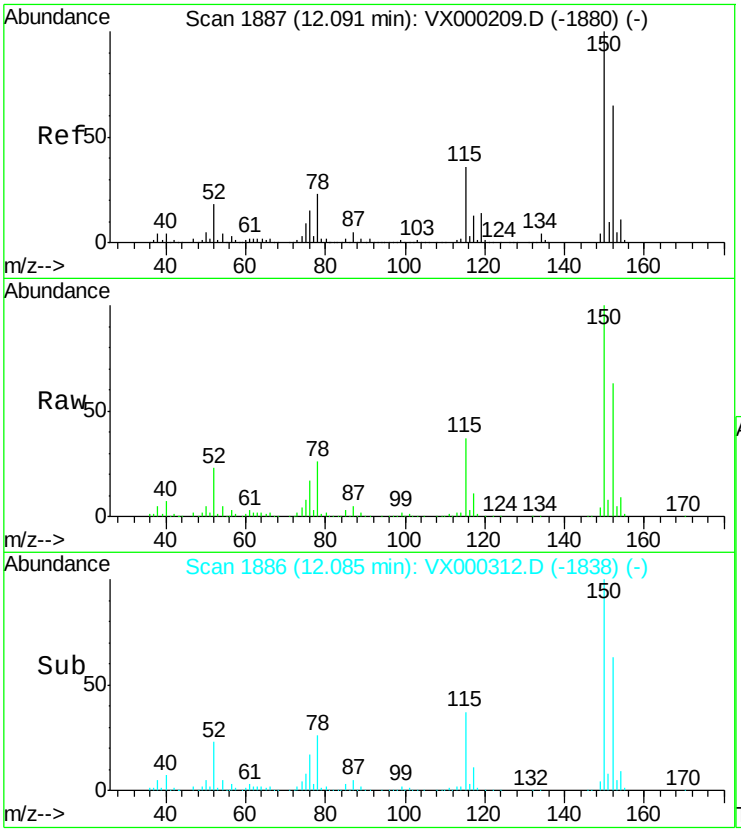


#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:106 Resp: 3161

Ion	Ratio	Lower	Upper
106	100		
91	205.4	160.9	241.3



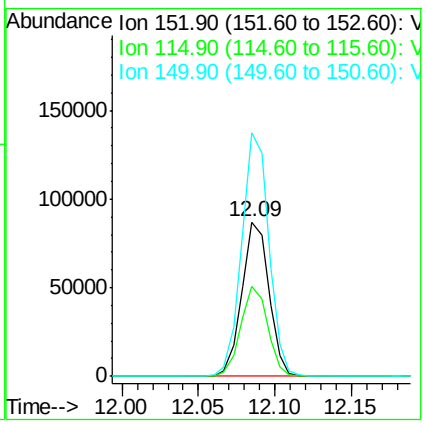


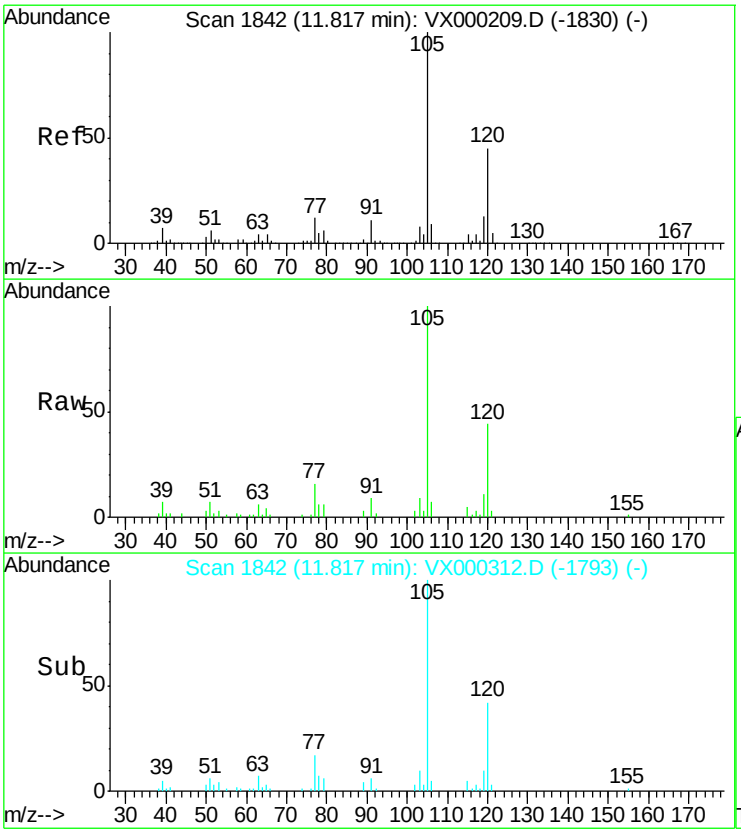
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:152 Resp: 107323

Ion	Ratio	Lower	Upper
152	100		
115	57.7	39.8	119.3
150	157.7	0.0	345.0

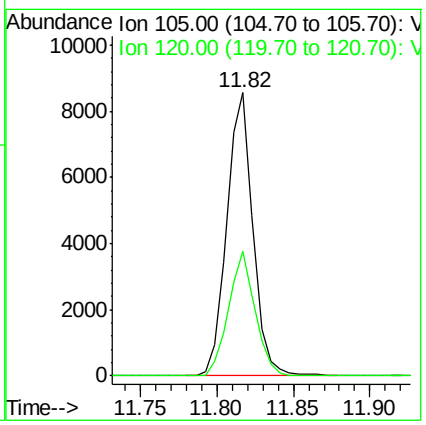


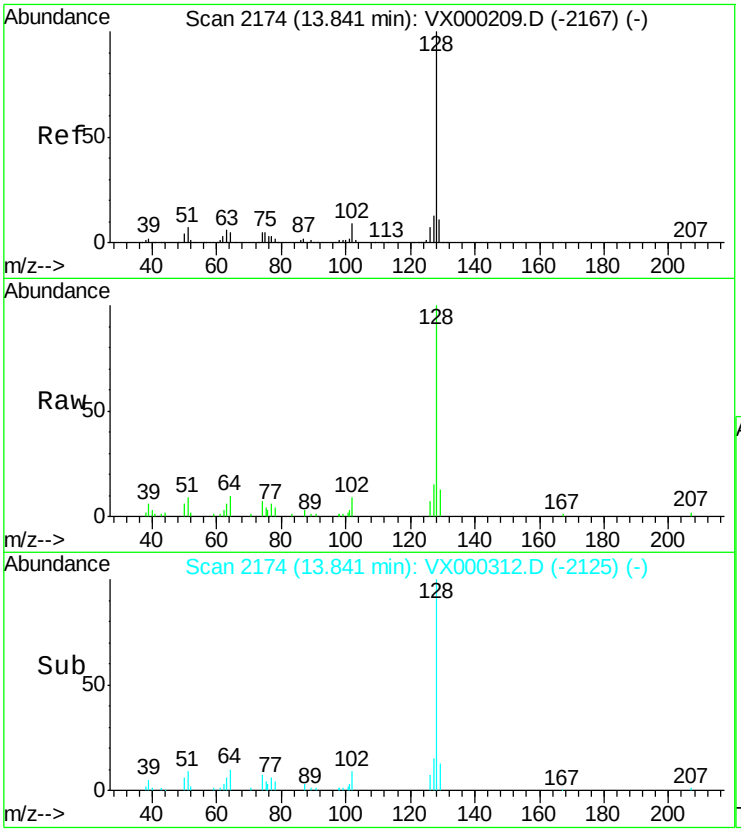


#84
1,2,4-Trimethylbenzene
Concen: 1.75 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:105 Resp: 10109

Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.0	69.0





#95
Naphthalene
Concen: 1.00 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:128 Resp: 8330

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	11.1	8.6	13.0