Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071718\
Data File : VX003417.D
Acq On : 17 Jul 2018 10:31
Operator : JC/MD
Sample : J3964-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N48967

Quant Time: Jul 17 11:40:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163035	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.22%			
35) Dibromofluoromethane	5.50	113	158237	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.84%			
50) Toluene-d8	8.72	98	573092	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
62) 4-Bromofluorobenzene	11.14	95	190345	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
Target Compounds						Qvalue
16) Acetone	2.45	43	19331	13.00	ug/l #	85
17) Carbon Disulfide	2.57	76	3606	0.46	ug/l #	94
18) Methyl Acetate	2.78	43	1304	0.27	ug/l #	69
19) Methyl tert-butyl Ether	3.20	73	6470	0.68	ug/l #	87
40) Benzene	6.15	78	7982	0.68	ug/l	93
52) Toluene	8.79	92	17354	2.37	ug/l	95
67) Ethyl Benzene	10.26	91	5293	0.40	ug/l	94
68) m/p-Xylenes	10.36	106	6887	1.35	ug/l	99
69) o-Xylene	10.70	106	4221	0.86	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3121	0.27	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	9189	0.77	ug/l	97
94) Hexachlorobutadiene	13.78	225	544	0.22	ug/l	94
95) Naphthalene	13.84	128	15238	1.04	ug/l	99

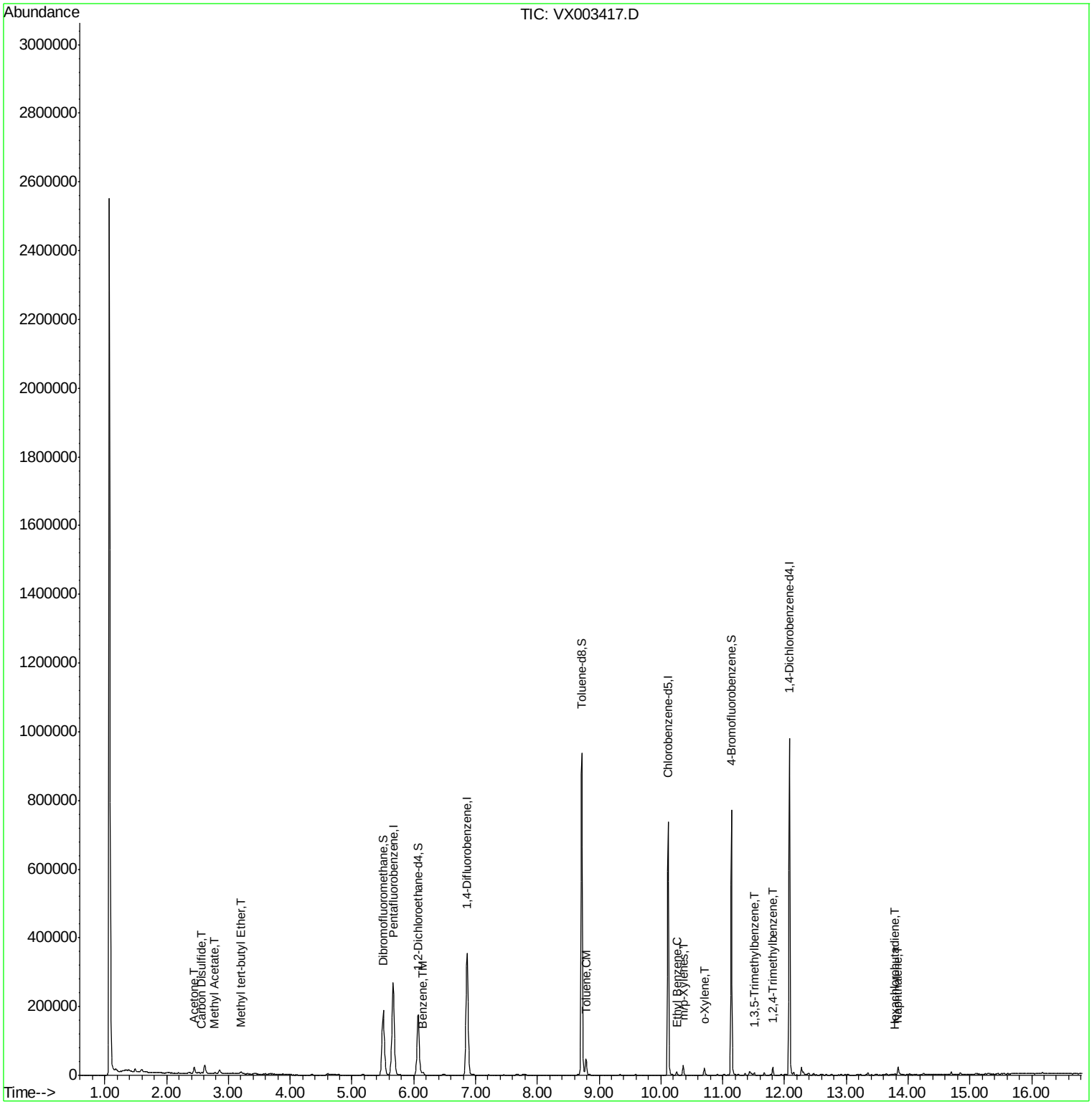
(#) = qualifier out of range (m) = manual integration (+) = signals summed

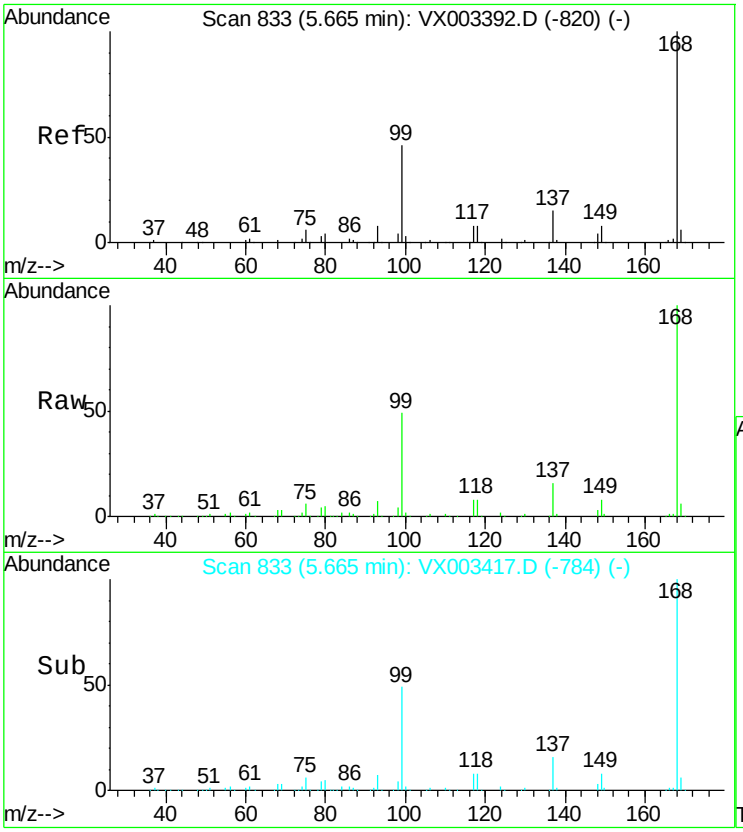
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
Data File : VX003417.D
Acq On : 17 Jul 2018 10:31
Operator : JC/MD
Sample : J3964-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
N48967

Quant Time: Jul 17 11:40:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration



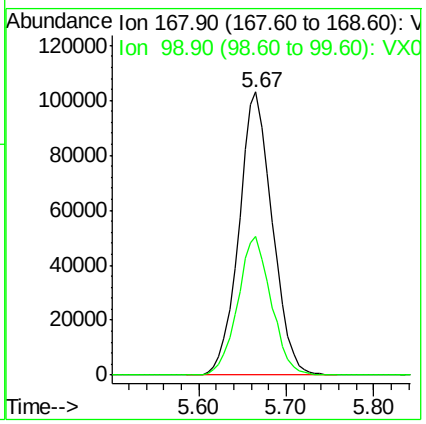


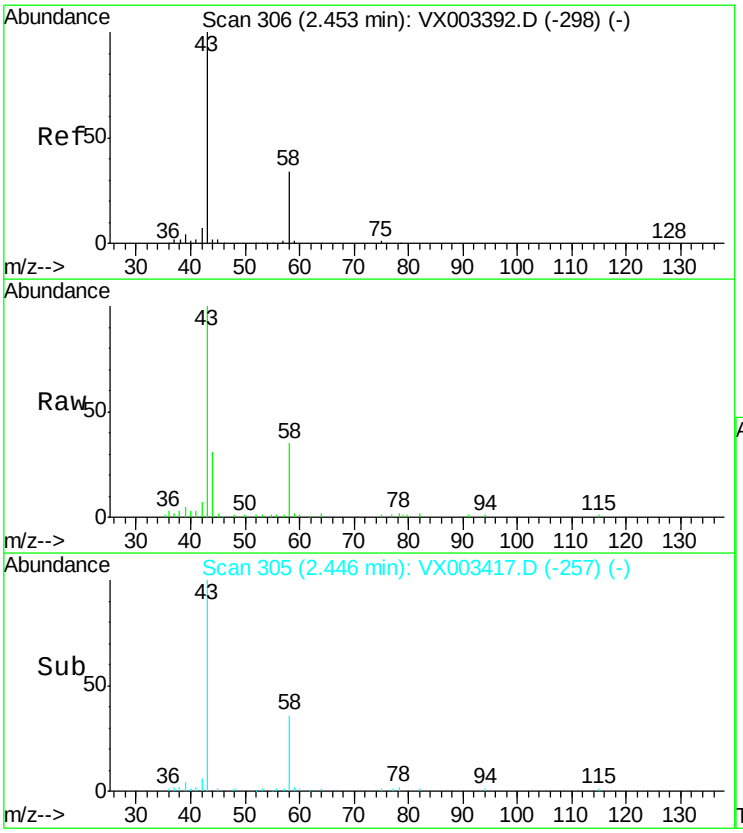
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
N48967

Tgt Ion:168 Resp: 272930

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.3	58.9

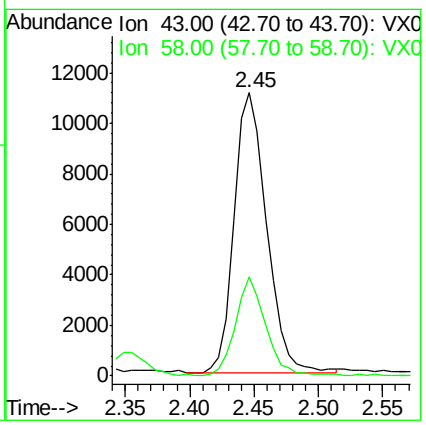


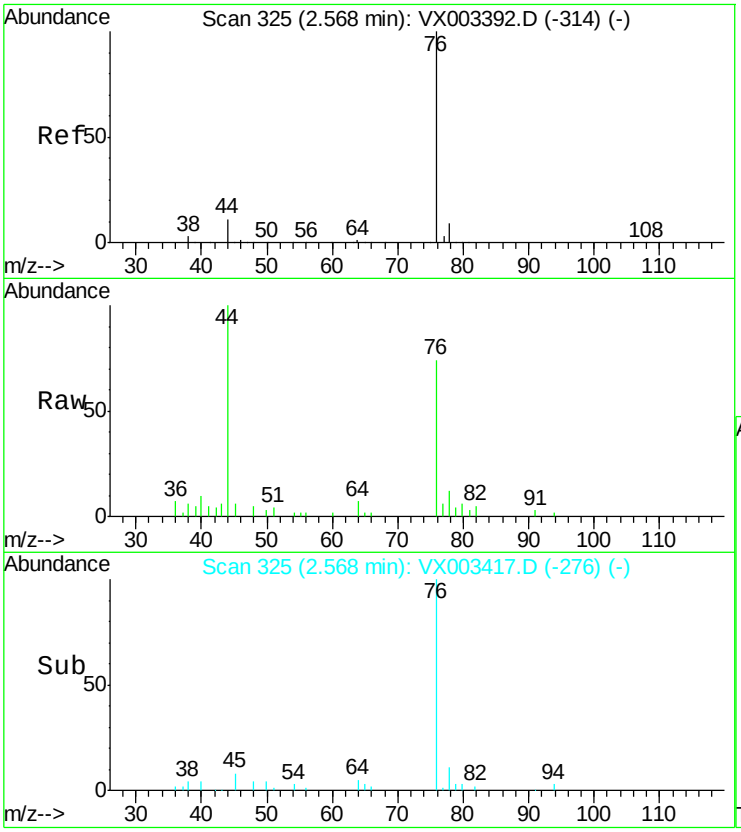


#16
Acetone
Concen: 13.00 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 43 Resp: 19331

Ion	Ratio	Lower	Upper
43	100		
58	35.2	22.1	33.1#



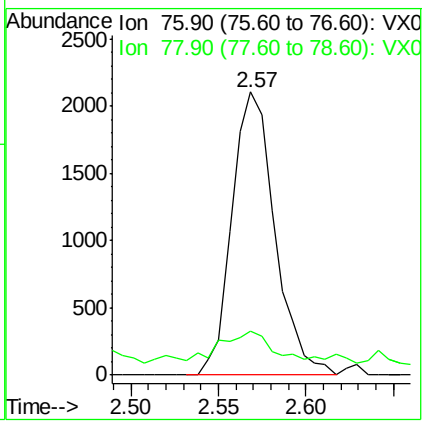


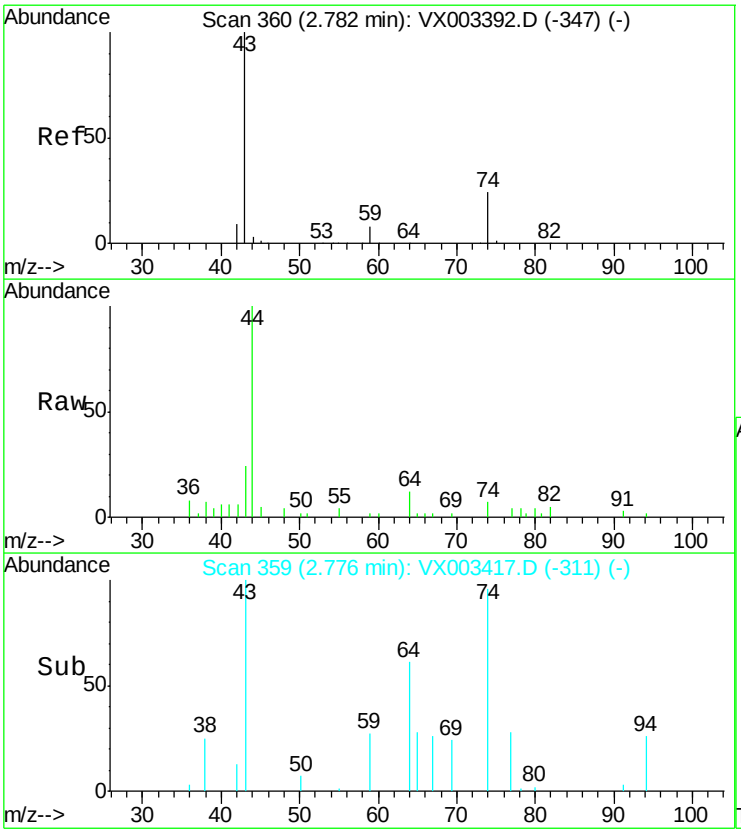
#17
Carbon Disulfide
Concen: 0.46 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion: 76 Resp: 3606

Ion	Ratio	Lower	Upper
76	100		
78	10.7	6.9	10.3#

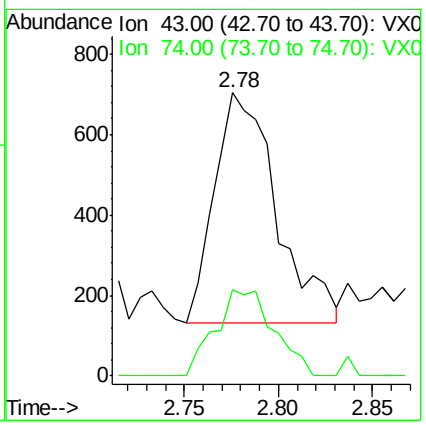


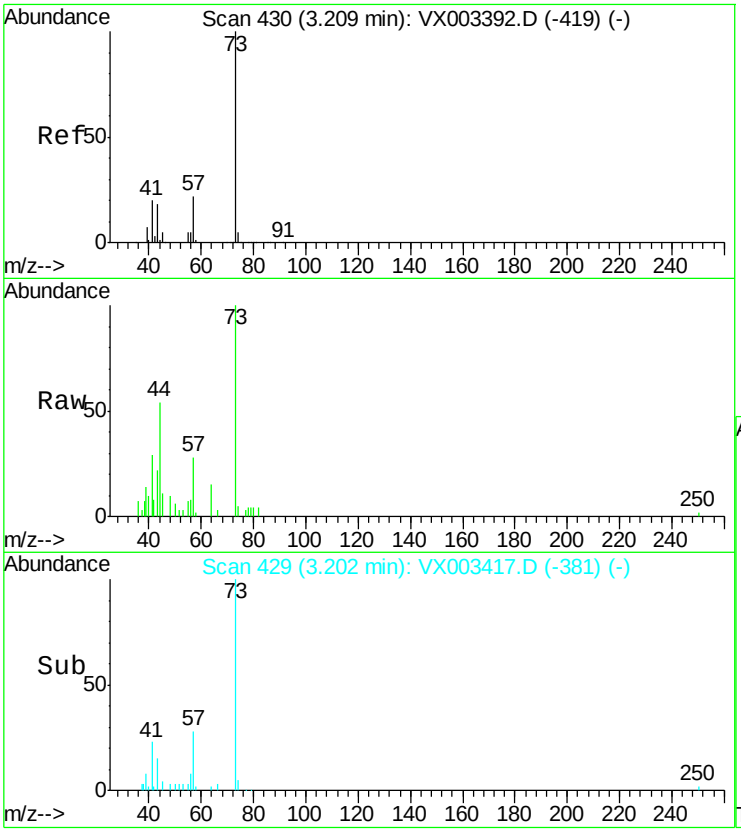


#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 43 Resp: 1304

Ion	Ratio	Lower	Upper
43	100		
74	35.4	16.7	25.1#



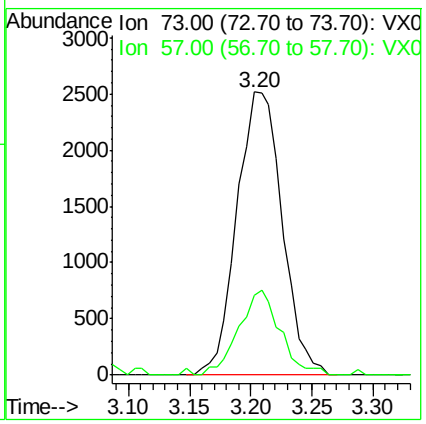


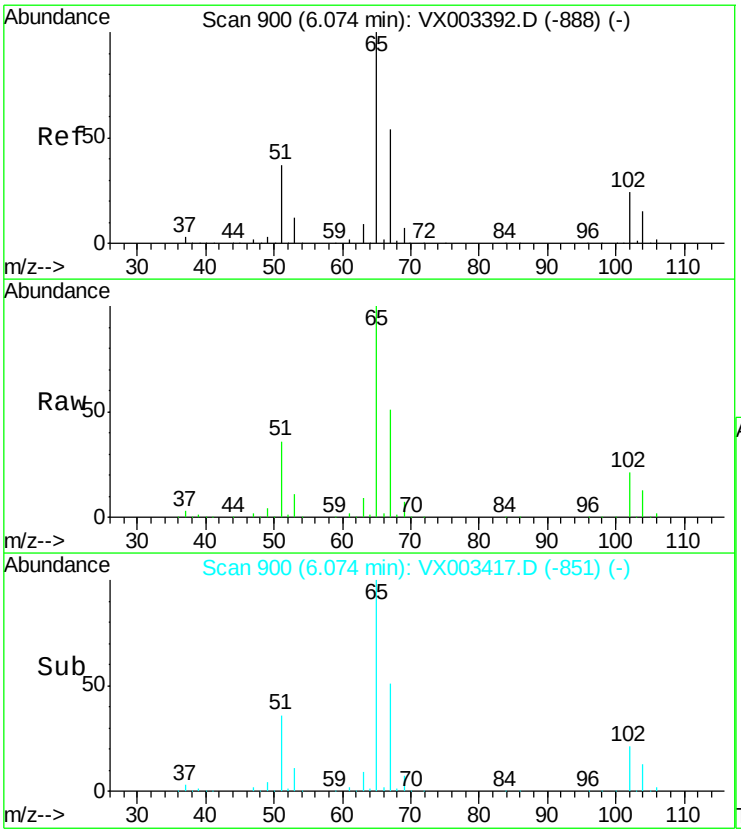
#19
Methyl tert-butyl Ether
Concen: 0.68 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion: 73 Resp: 6470

Ion	Ratio	Lower	Upper
73	100		
57	28.2	17.7	26.5#

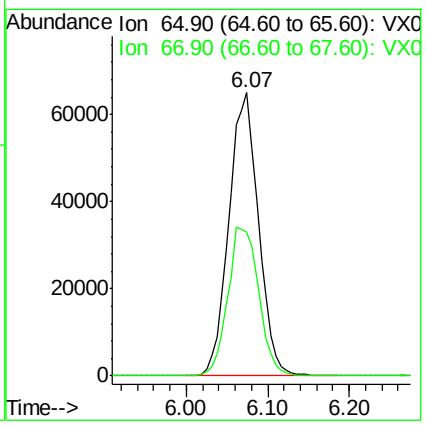


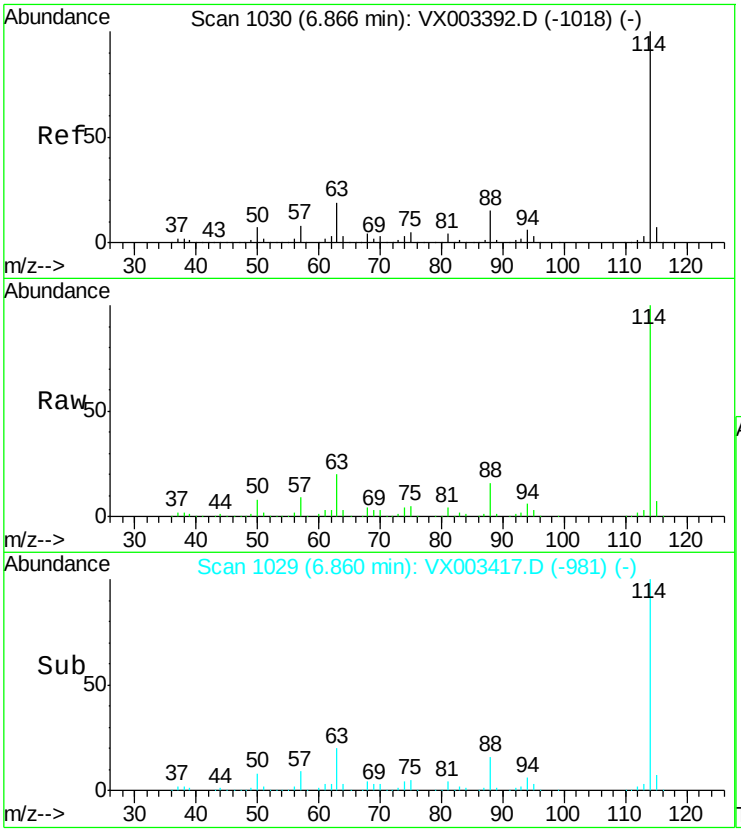


#33
1,2-Dichloroethane-d4
Concen: 45.61 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 65 Resp: 163035

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	102.6



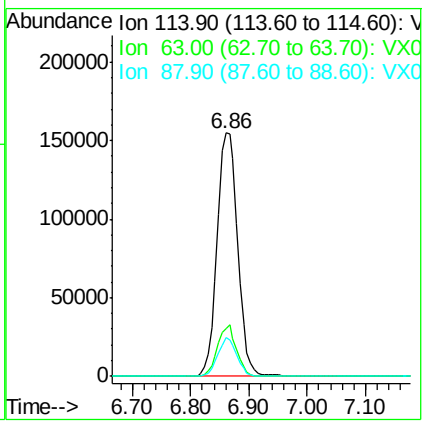


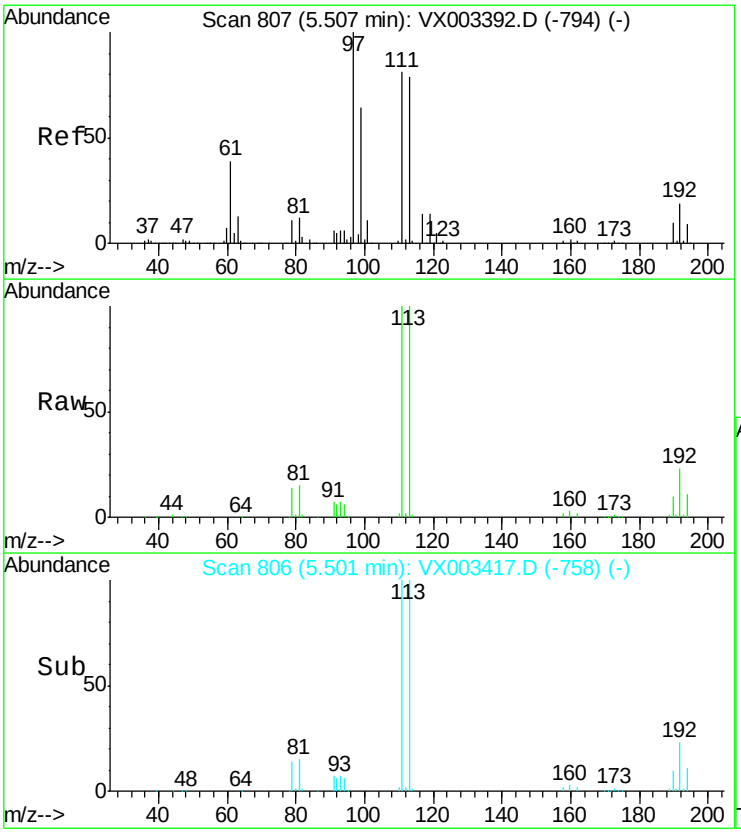
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion:114 Resp: 380319

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	16.0	0.0	30.0

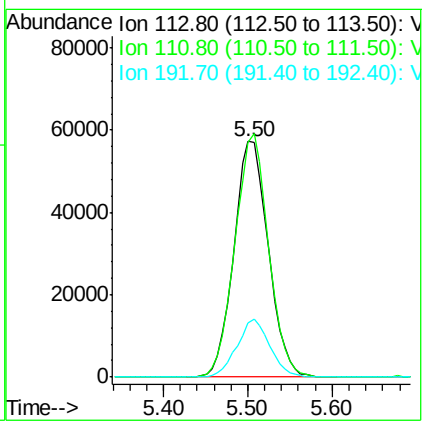


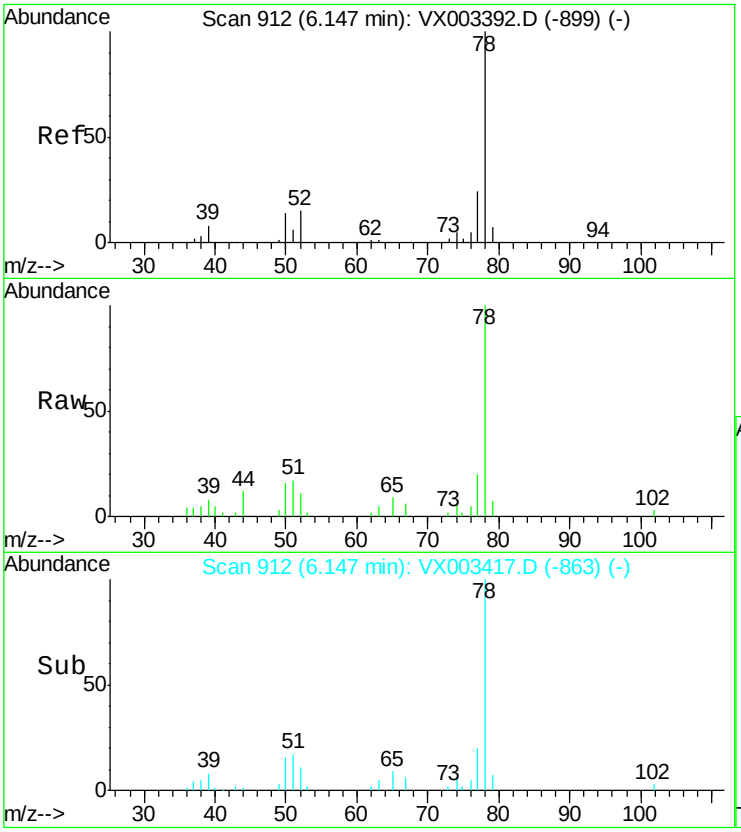


#35
Dibromofluoromethane
Concen: 51.42 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion:113 Resp: 158237

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.4	122.0
192	23.4	19.1	28.7



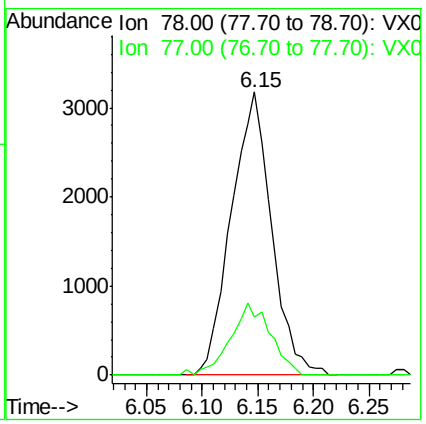


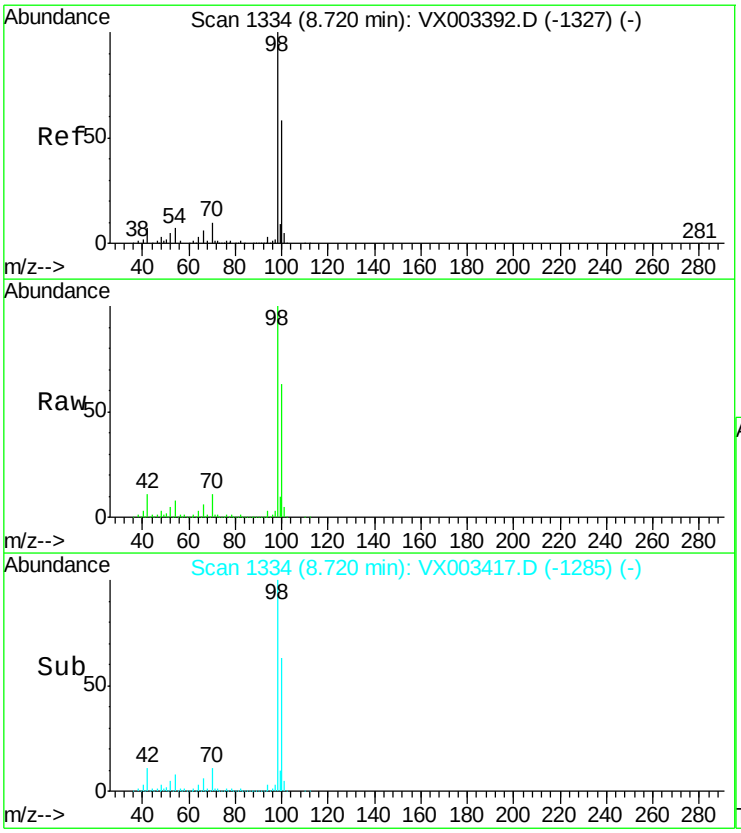
#40
Benzene
Concen: 0.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
N48967

Tgt Ion: 78 Resp: 7982

Ion	Ratio	Lower	Upper
78	100		
77	20.4	19.1	28.7

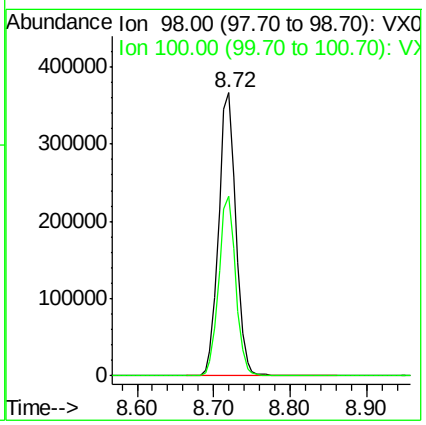


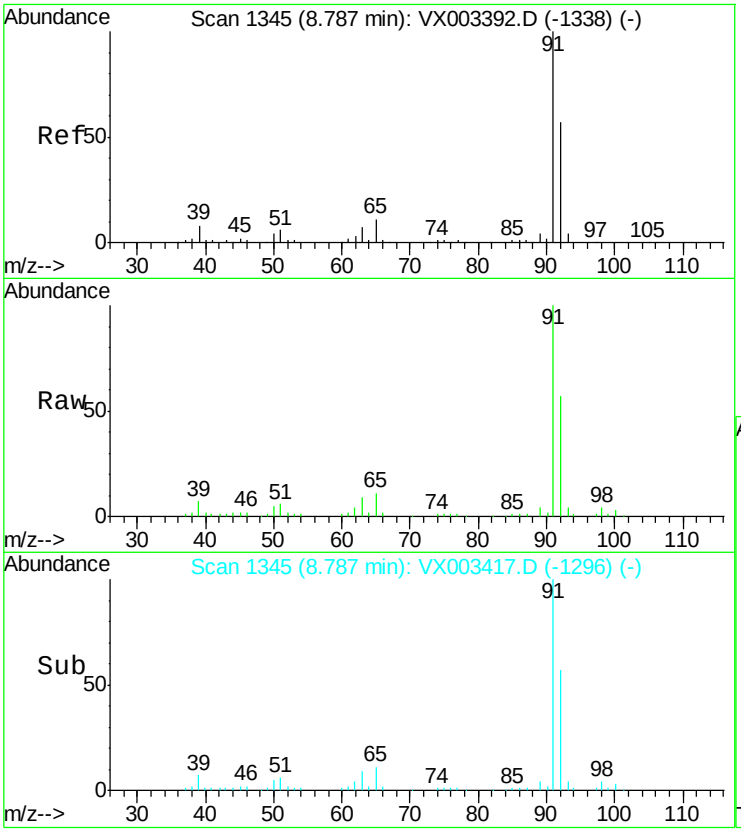


#50
Toluene-d8
Concen: 50.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 98 Resp: 573092

Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.9	76.3



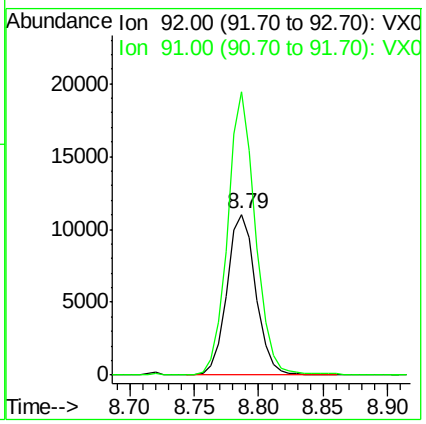


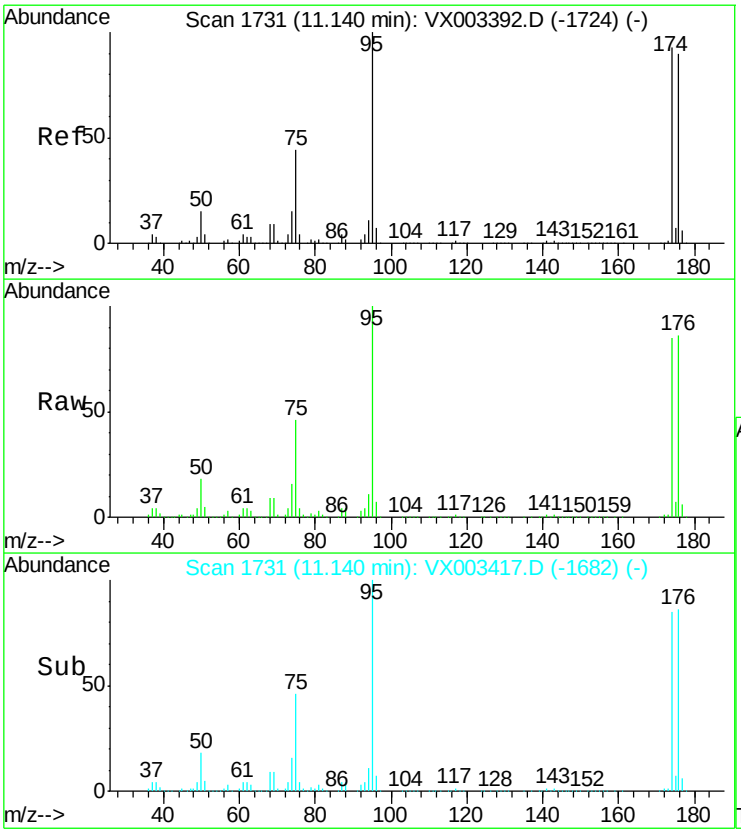
#52
Toluene
Concen: 2.37 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
N48967

Tgt Ion: 92 Resp: 17354

Ion	Ratio	Lower	Upper
92	100		
91	168.0	140.4	210.6

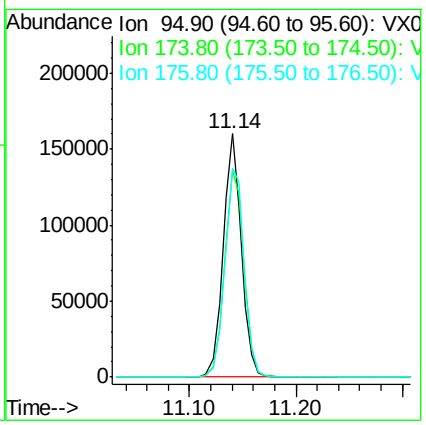


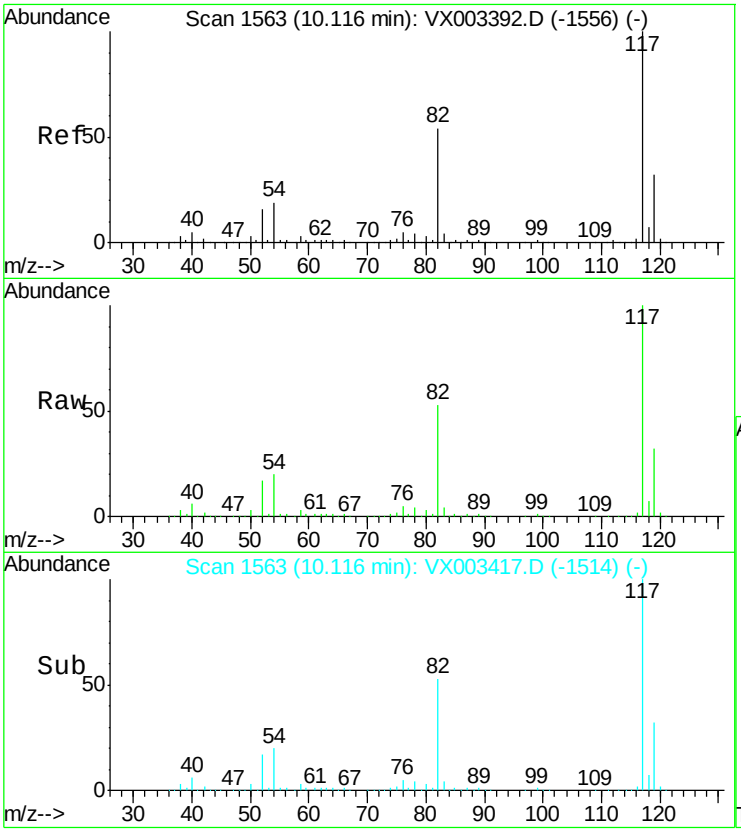


#62
4-Bromofluorobenzene
Concen: 46.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 95 Resp: 190345

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	187.4
176	91.4	0.0	181.0



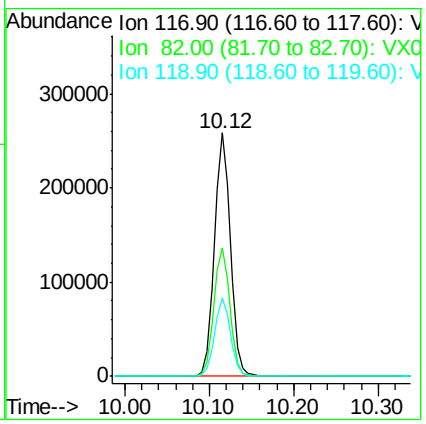


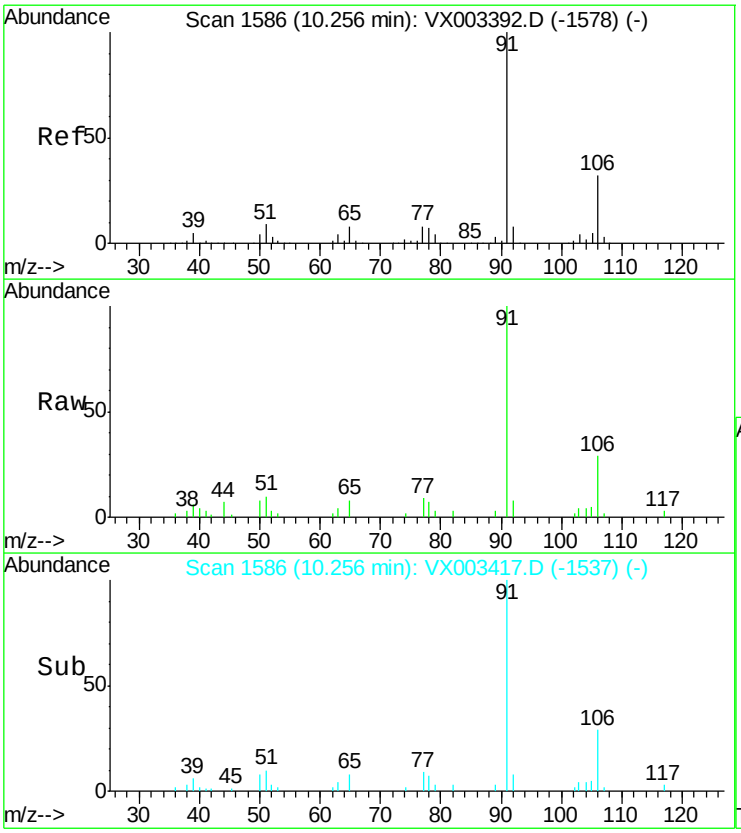
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion:117 Resp: 341642

Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.0	67.4
119	32.3	25.8	38.6

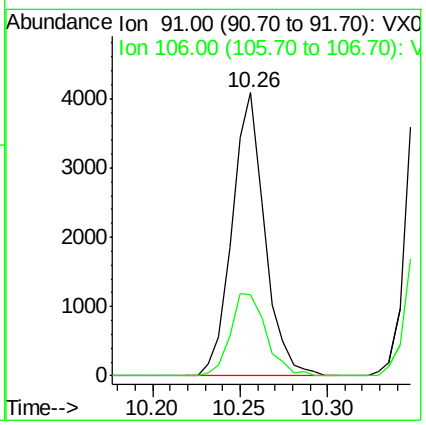


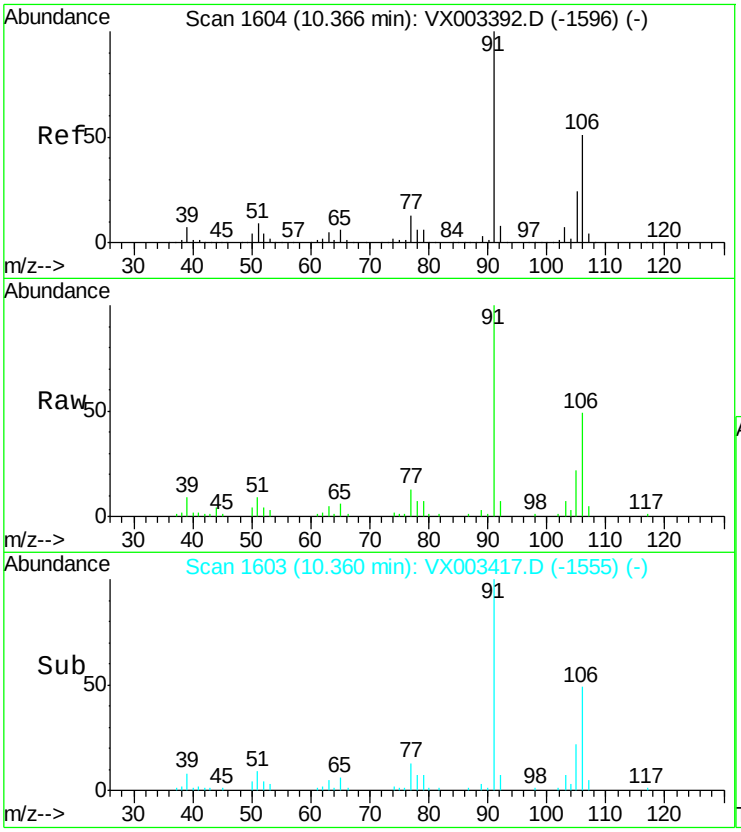


#67
Ethyl Benzene
Concen: 0.40 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion: 91 Resp: 5293

Ion	Ratio	Lower	Upper
91	100		
106	28.6	25.5	38.3



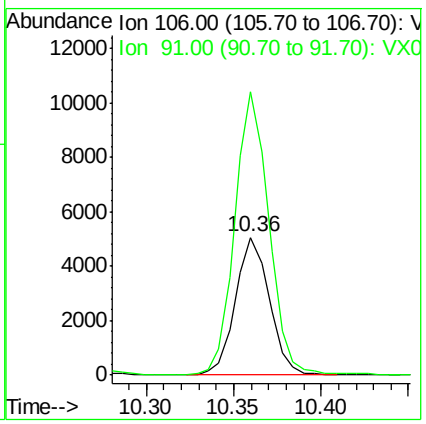


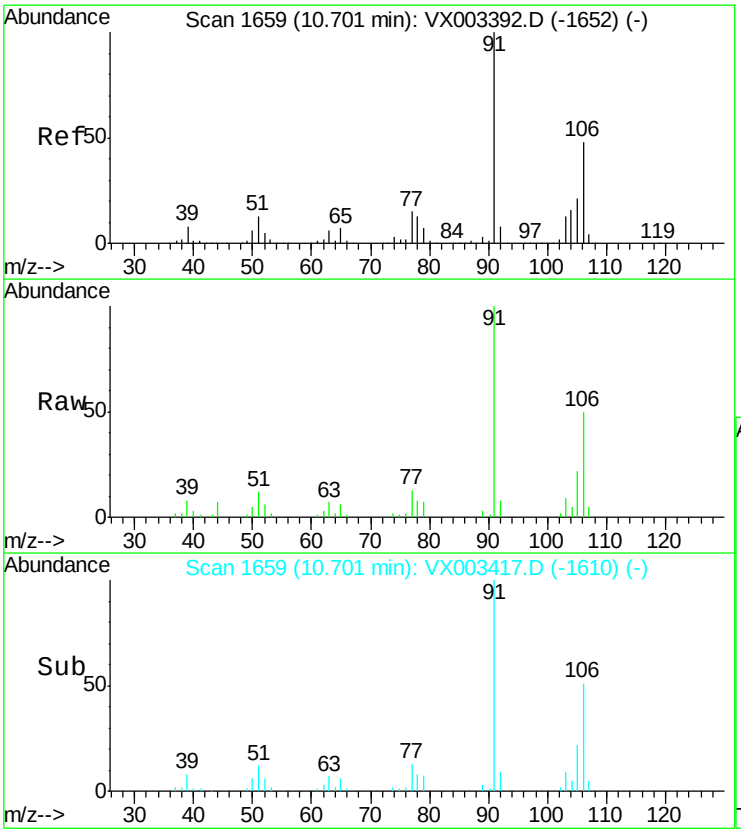
#68
m/p-Xylenes
Concen: 1.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion:106 Resp: 6887

Ion	Ratio	Lower	Upper
106	100		
91	206.4	163.4	245.2

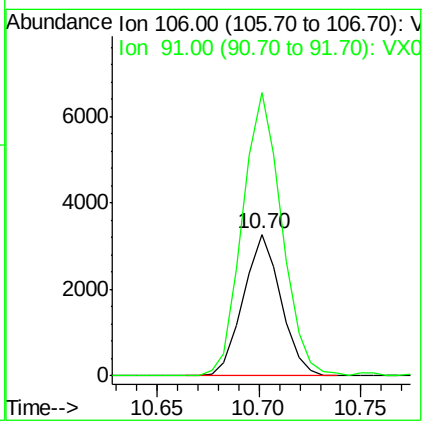


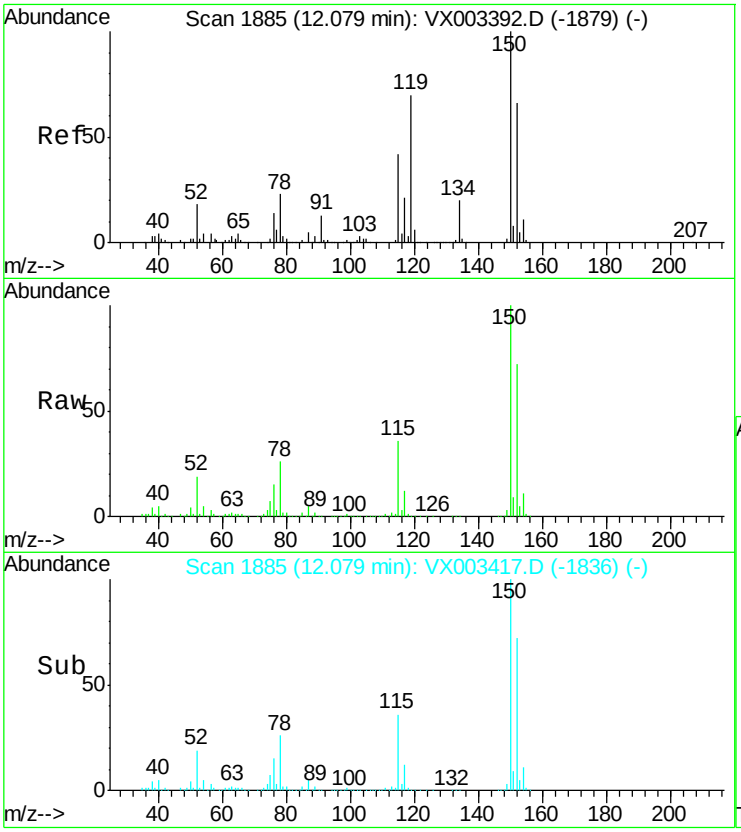


#69
o-Xylene
Concen: 0.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion:106 Resp: 4221

Ion	Ratio	Lower	Upper
106	100		
91	207.9	108.2	324.6



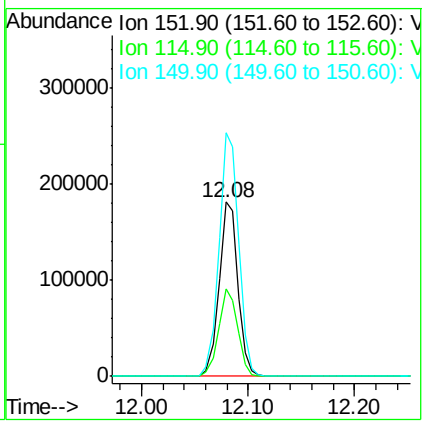


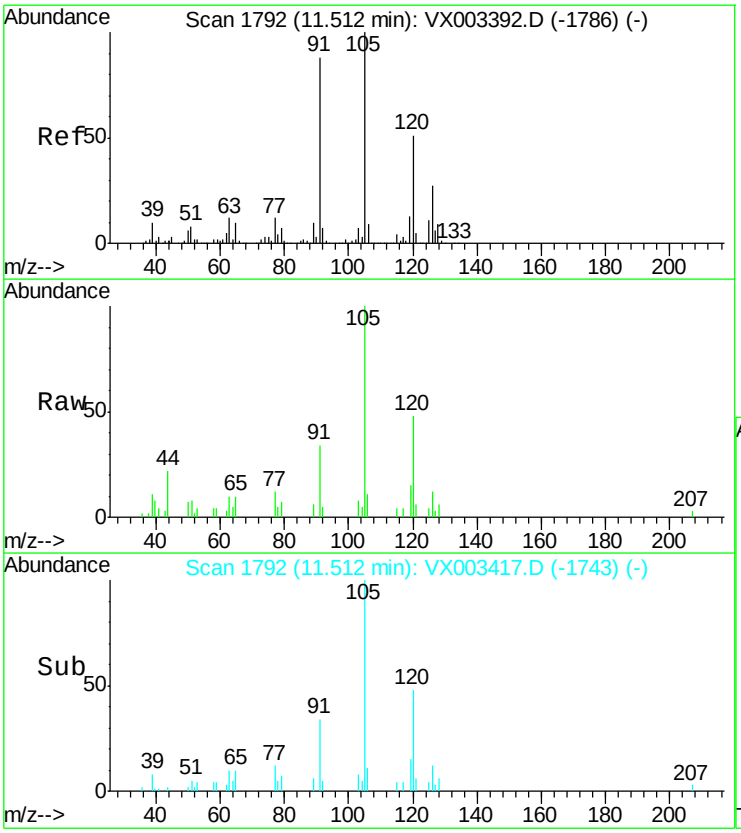
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument : MSVOA_X
ClientSampleId : N48967

Tgt Ion:152 Resp: 223193

Ion	Ratio	Lower	Upper
152	100		
115	50.7	40.1	120.2
150	146.0	0.0	347.2

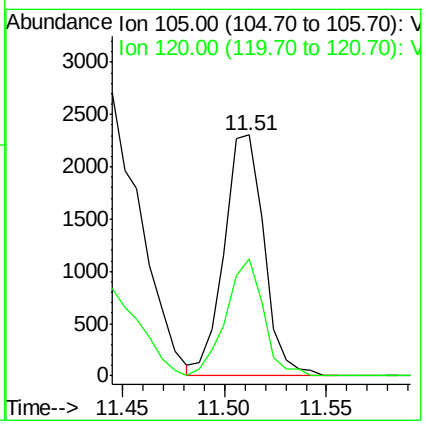


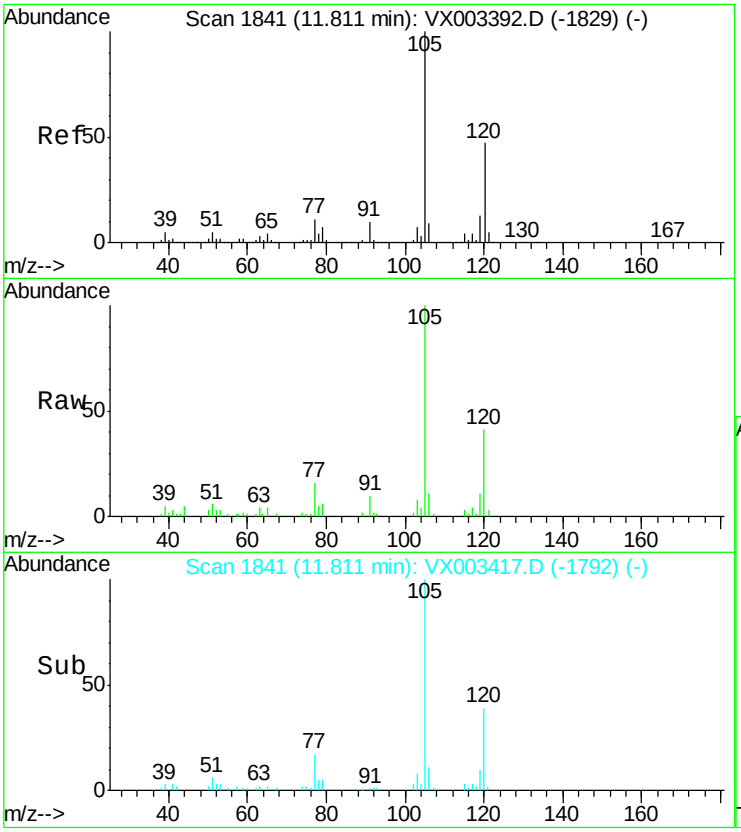


#80
1,3,5-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion:105 Resp: 3121

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.4	73.4



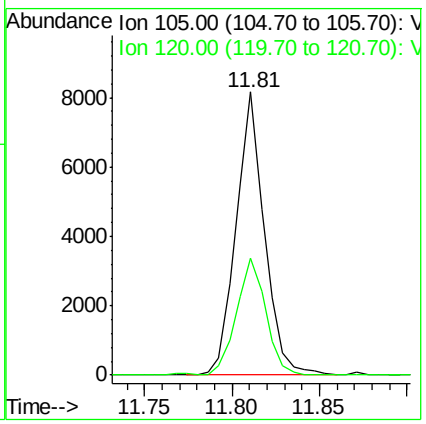


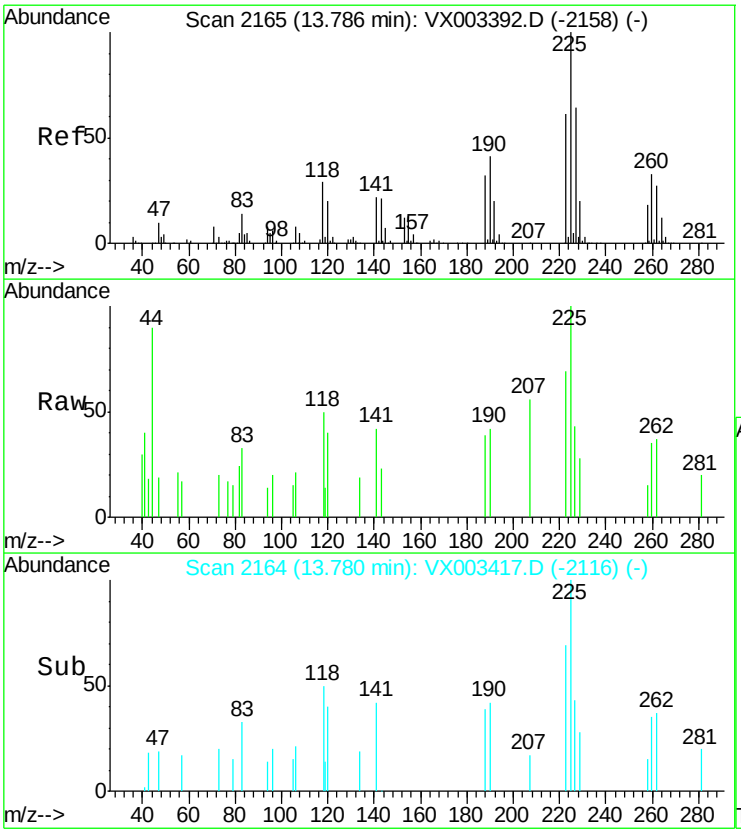
#84
1,2,4-Trimethylbenzene
Concen: 0.77 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
N48967

Tgt Ion:105 Resp: 9189

Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.3	66.8

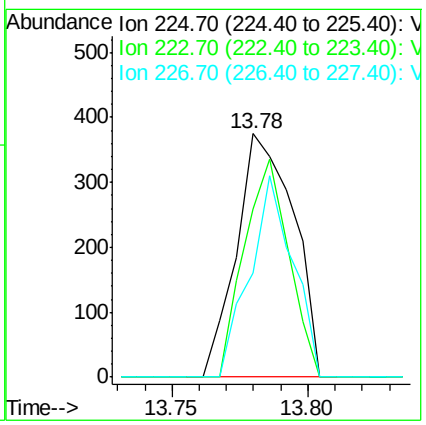


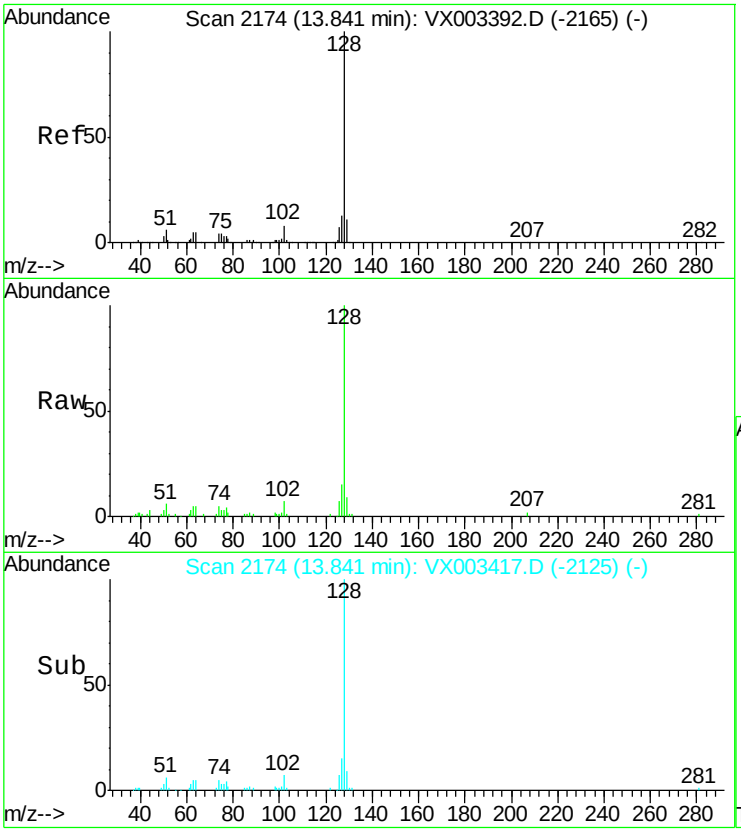


#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.78 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Tgt Ion:225 Resp: 544

Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.6	95.0
227	62.3	32.4	97.2





#95
Naphthalene
Concen: 1.04 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003417.D
Acq: 17 Jul 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
N48967

Tgt Ion:128 Resp: 15238

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	9.8	8.6	13.0