Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102218\
Data File : VX005499.D
Acq On : 23 Oct 2018 05:00
Operator : JC/MD
Sample : J5621-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TWP-01

Quant Time: Nov 02 22:59:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139886	56.82	ug/l	-0.01
Spiked Amount 50.000			Recovery = 113.64%			
35) Dibromofluoromethane	5.50	113	110015	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.52%			
50) Toluene-d8	8.72	98	405485	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.98%			
62) 4-Bromofluorobenzene	11.14	95	136892	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.94%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.20	73	7232	1.057	ug/l	99
67) Ethyl Benzene	10.25	91	138976	13.654	ug/l	95
68) m/p-Xylenes	10.36	106	356516	90.244	ug/l	93
69) o-Xylene	10.70	106	129775	34.061	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2809	0.376	ug/l	90

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

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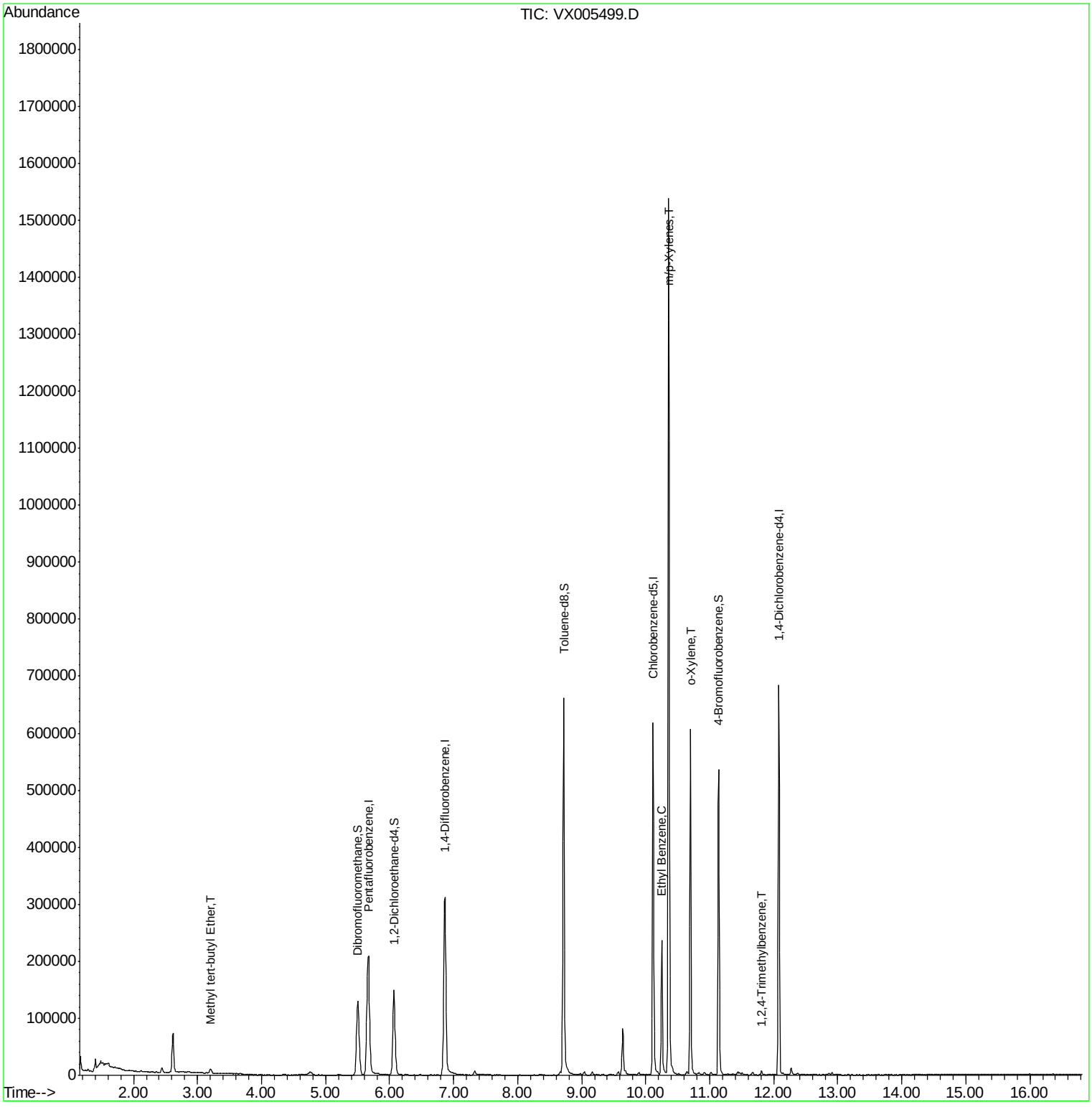
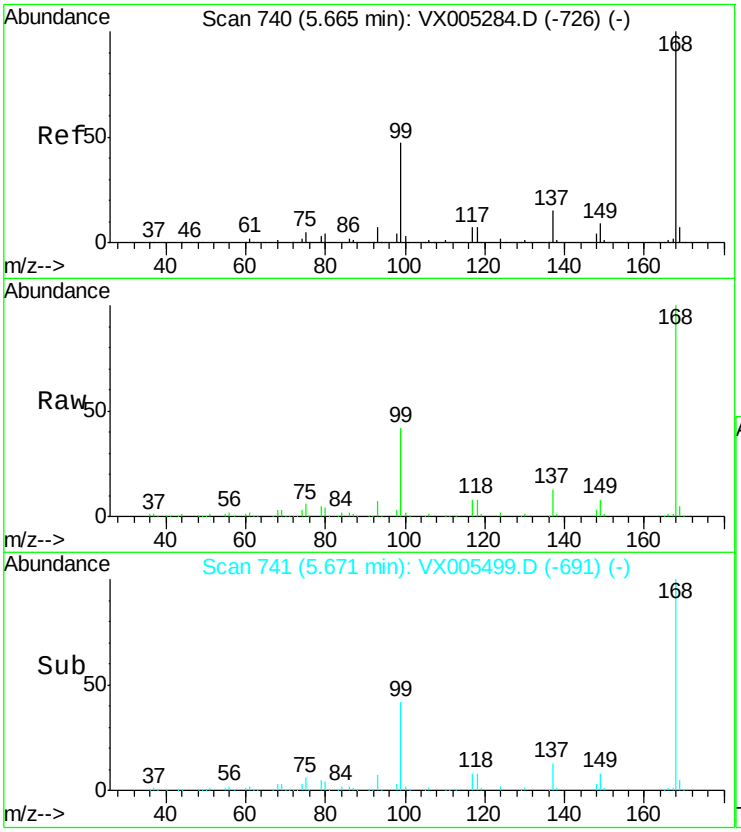


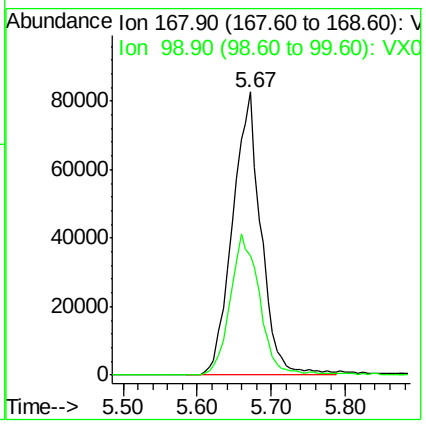


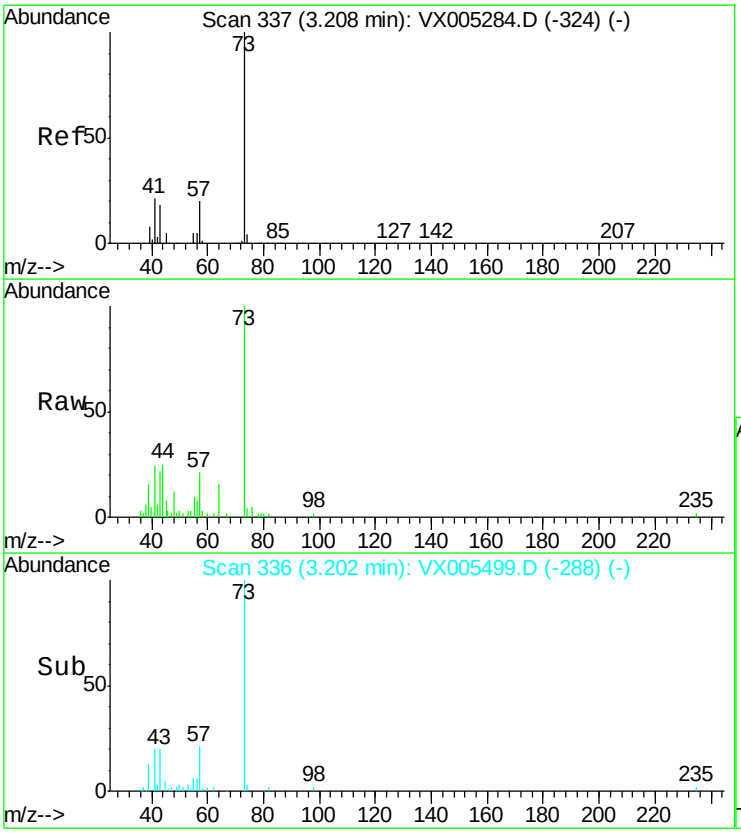
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.01 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion:168 Resp: 221808

Ion	Ratio	Lower	Upper
168	100		
99	42.2	39.9	59.9

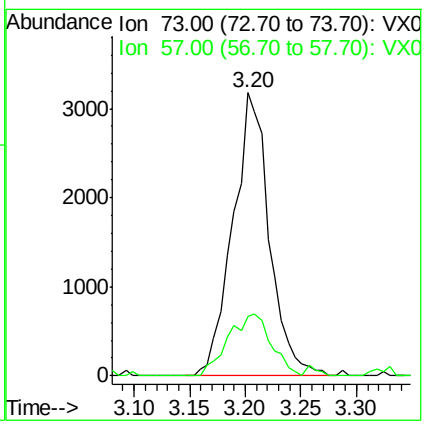


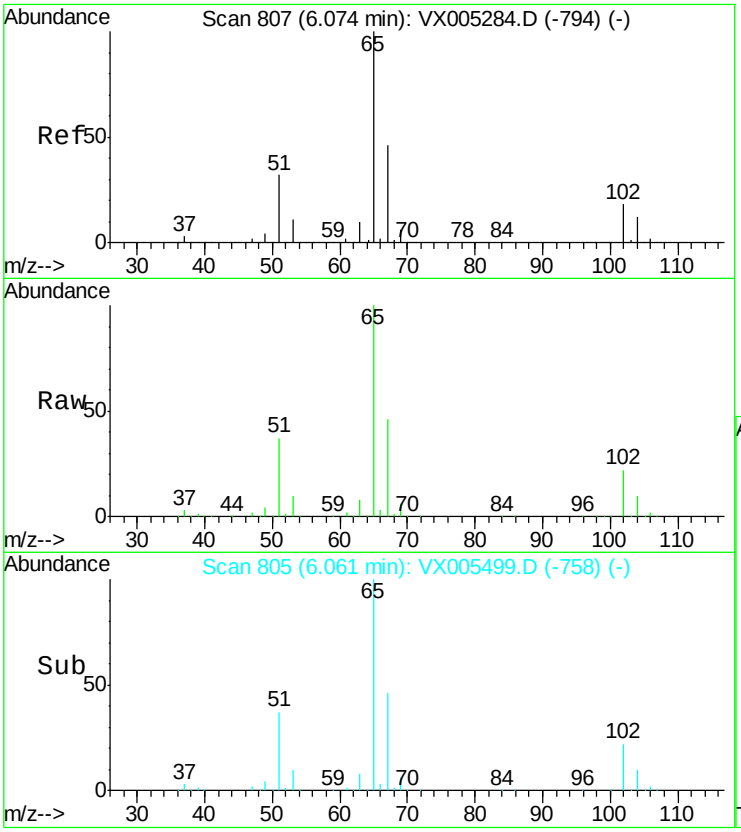


#19
Methyl tert-butyl Ether
Concen: 1.057 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion: 73 Resp: 7232

Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.1	25.7



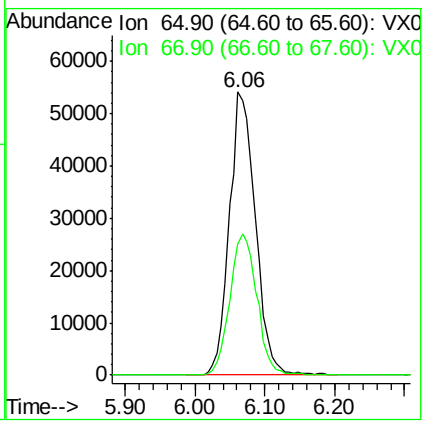


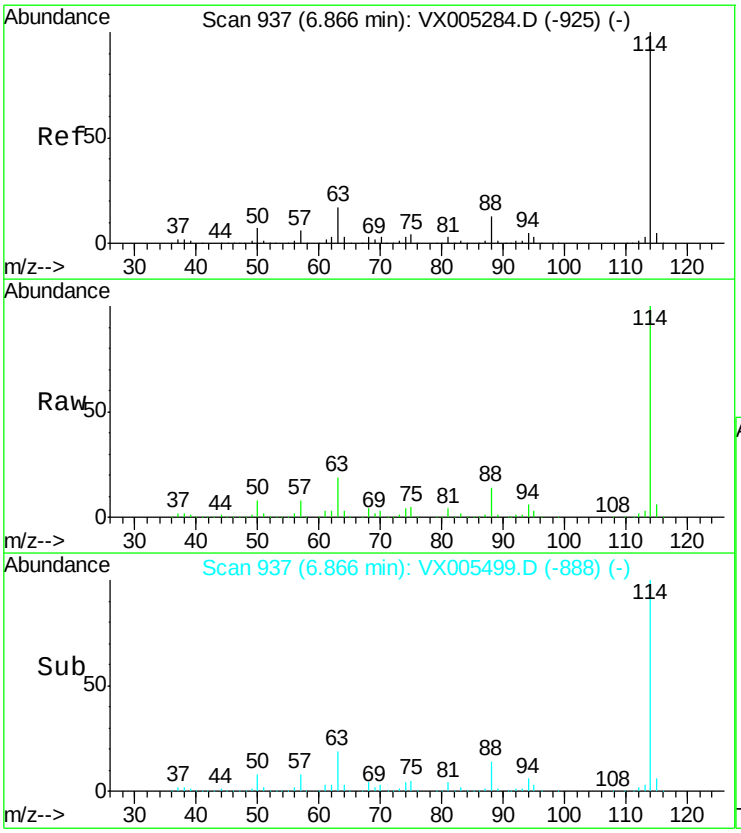
#33
1,2-Dichloroethane-d4
Concen: 56.824 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion: 65 Resp: 139886

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.8

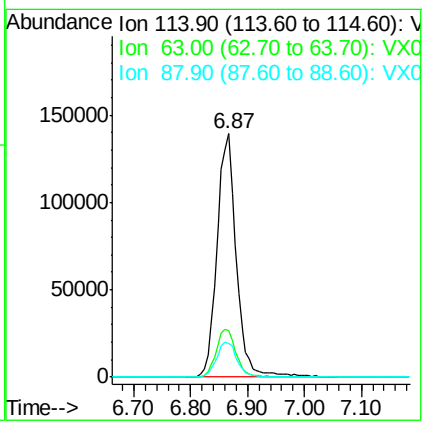


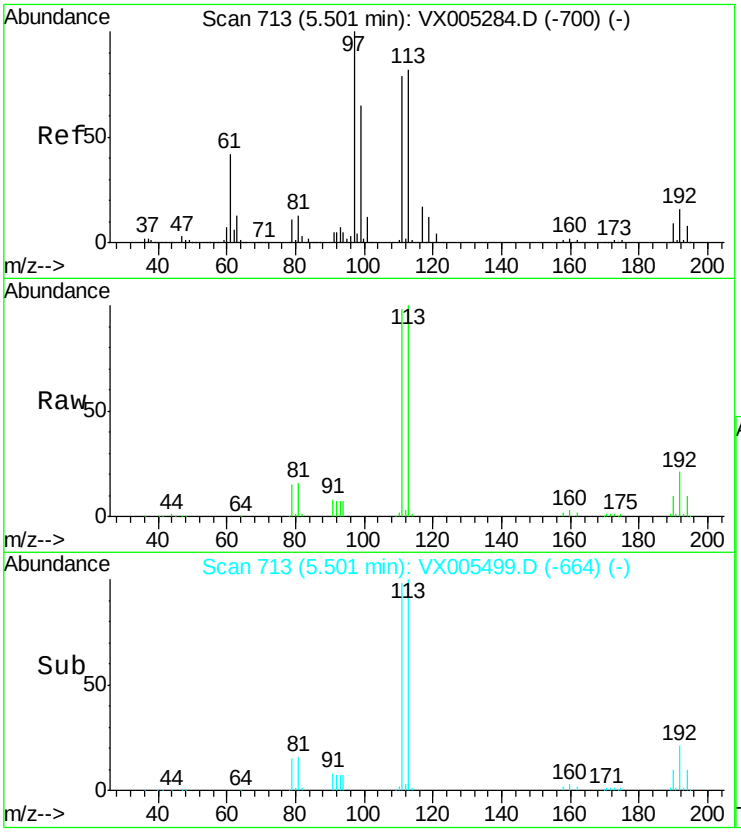


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion:114 Resp: 327245

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	13.8	0.0	30.4



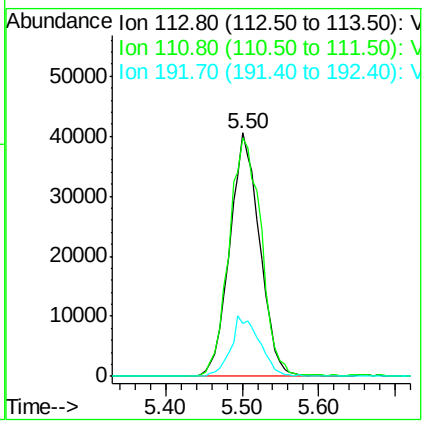


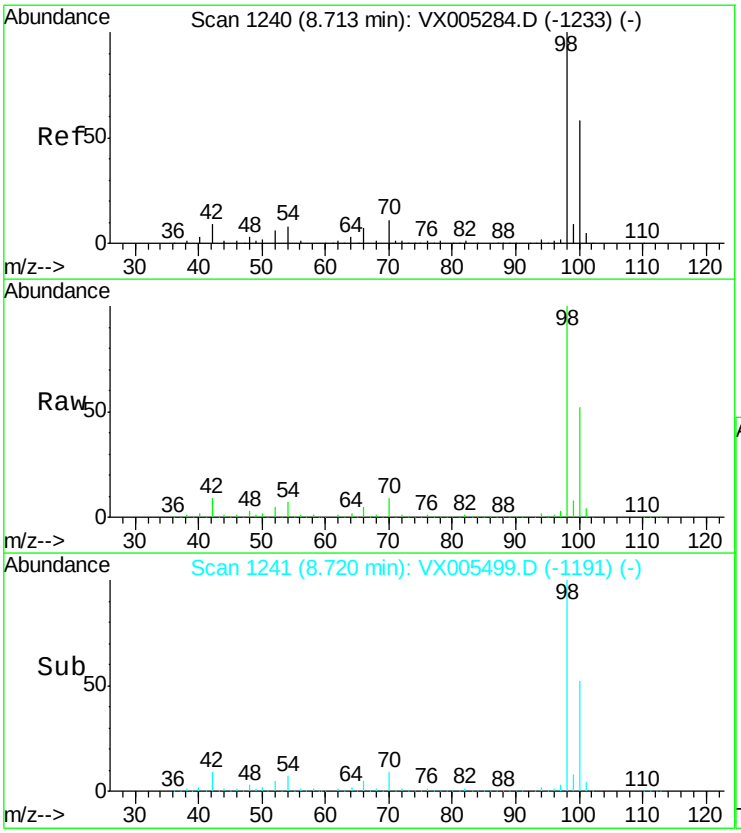
#35
Dibromofluoromethane
Concen: 50.758 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion:113 Resp: 110015

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.4	123.6
192	23.9	19.4	29.2

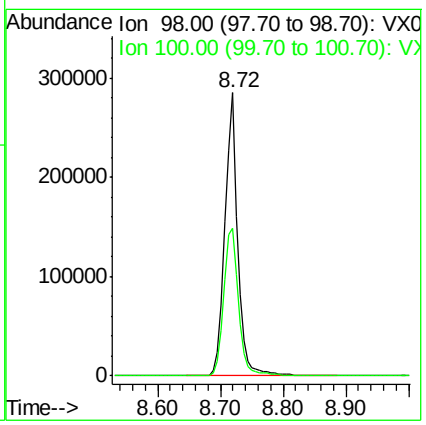


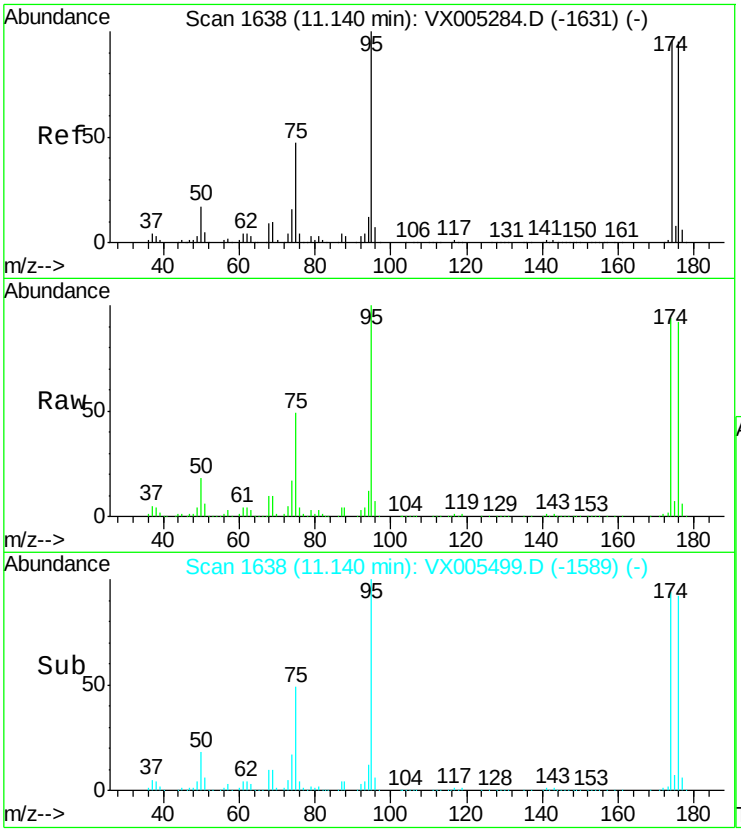


#50
Toluene-d8
Concen: 54.494 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion: 98 Resp: 405485

Ion	Ratio	Lower	Upper
98	100		
100	60.5	52.9	79.3



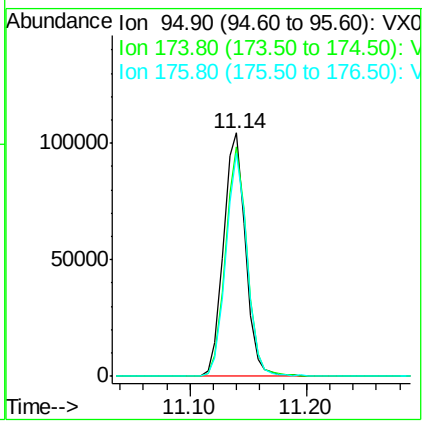


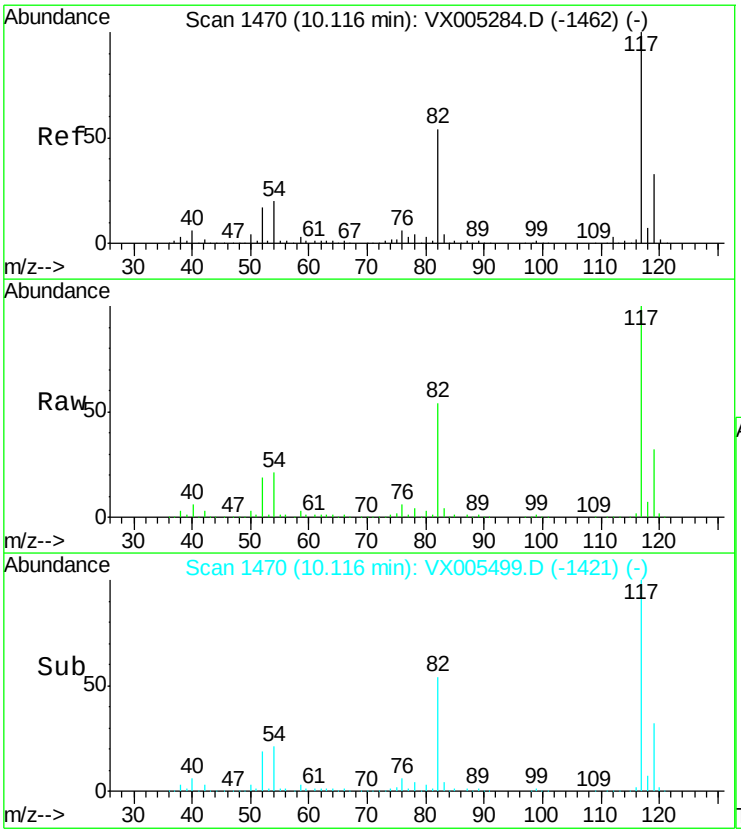
#62
4-Bromofluorobenzene
Concen: 48.972 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion: 95 Resp: 136892

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	185.2
176	89.1	0.0	178.6

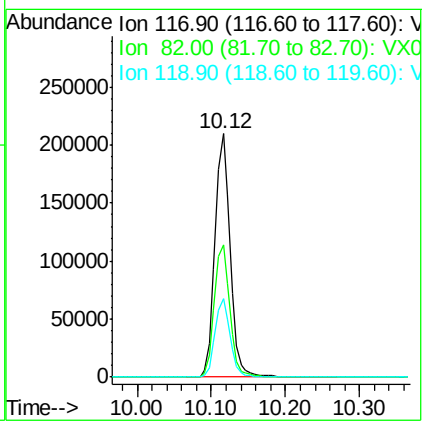


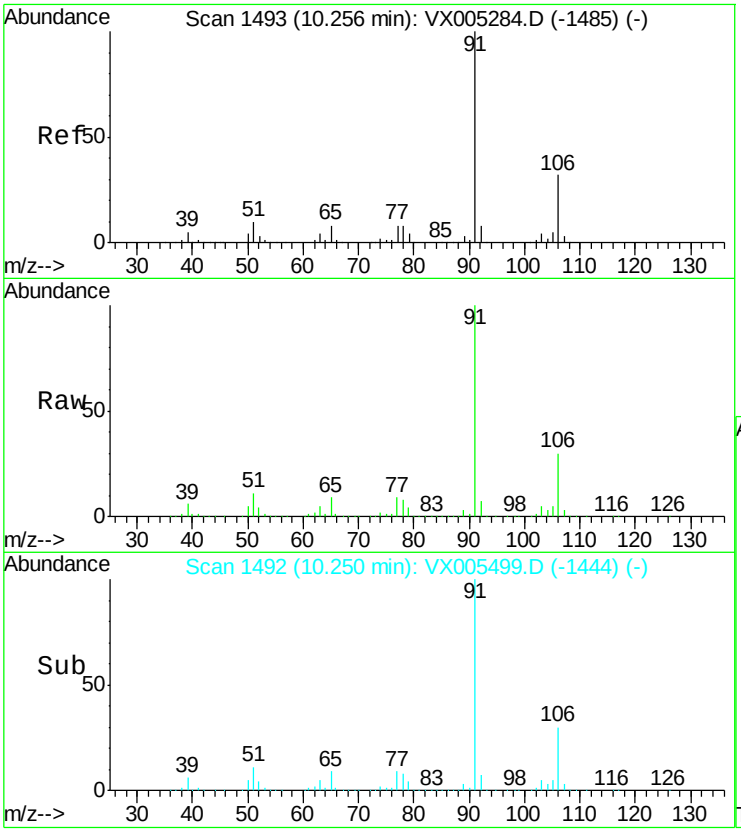


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion:117 Resp: 294343

Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.8	71.6
119	32.3	29.3	43.9



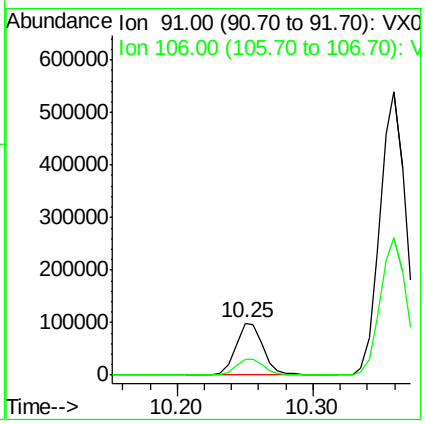


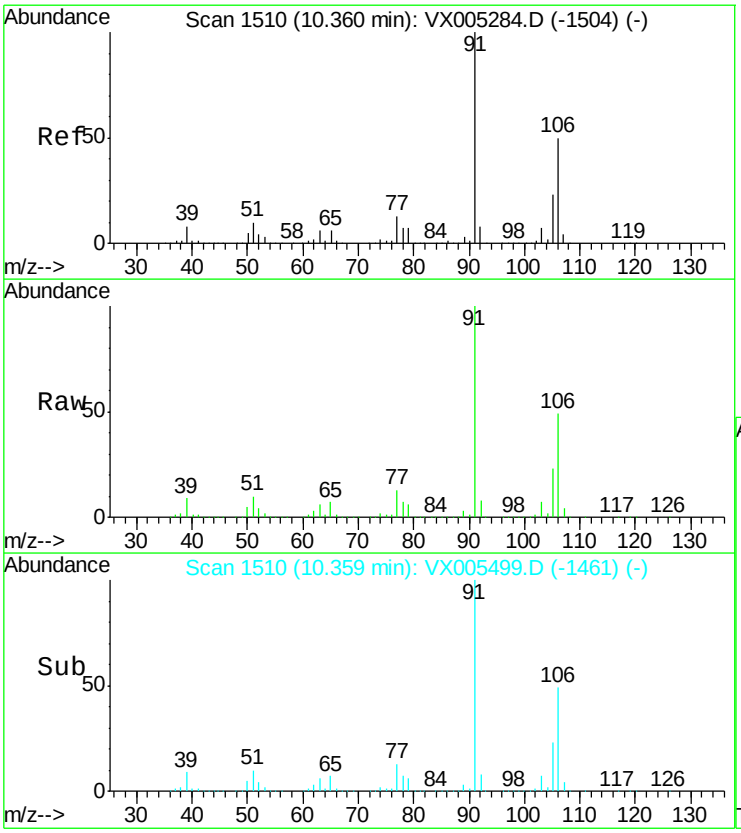
#67
Ethyl Benzene
Concen: 13.654 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion: 91 Resp: 138976

Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.9	38.9

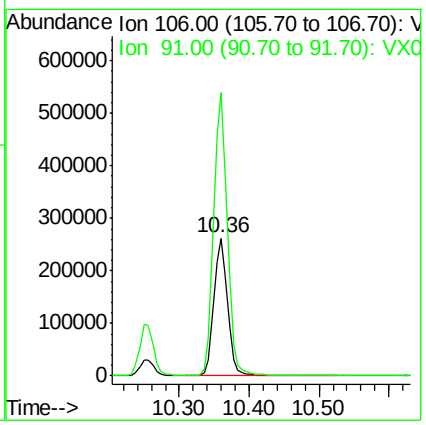


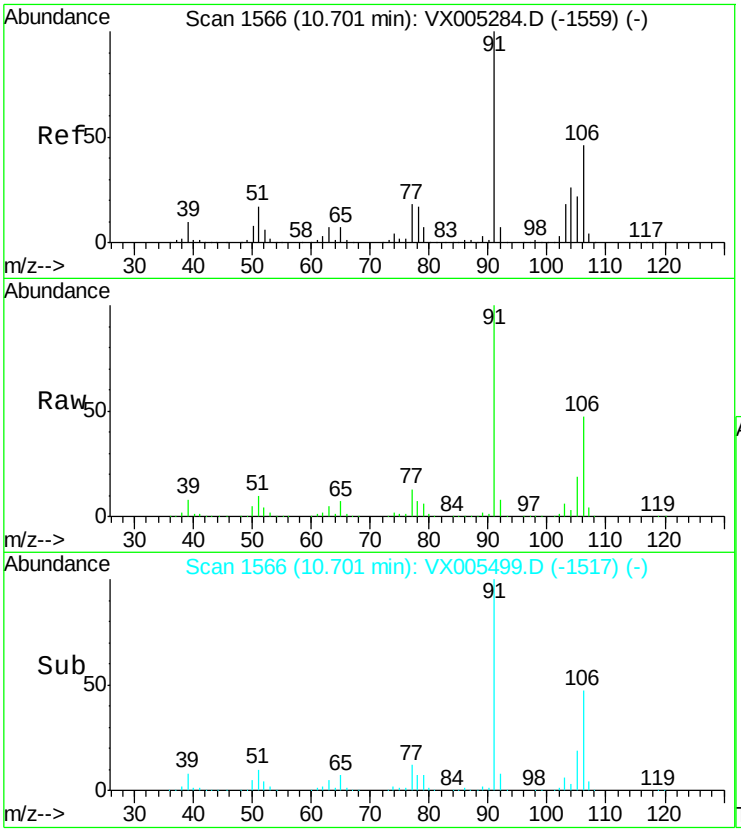


#68
m/p-Xylenes
Concen: 90.244 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion:106 Resp: 356516

Ion	Ratio	Lower	Upper
106	100		
91	206.8	157.1	235.7



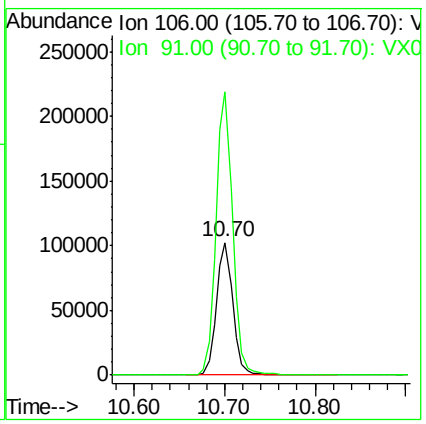


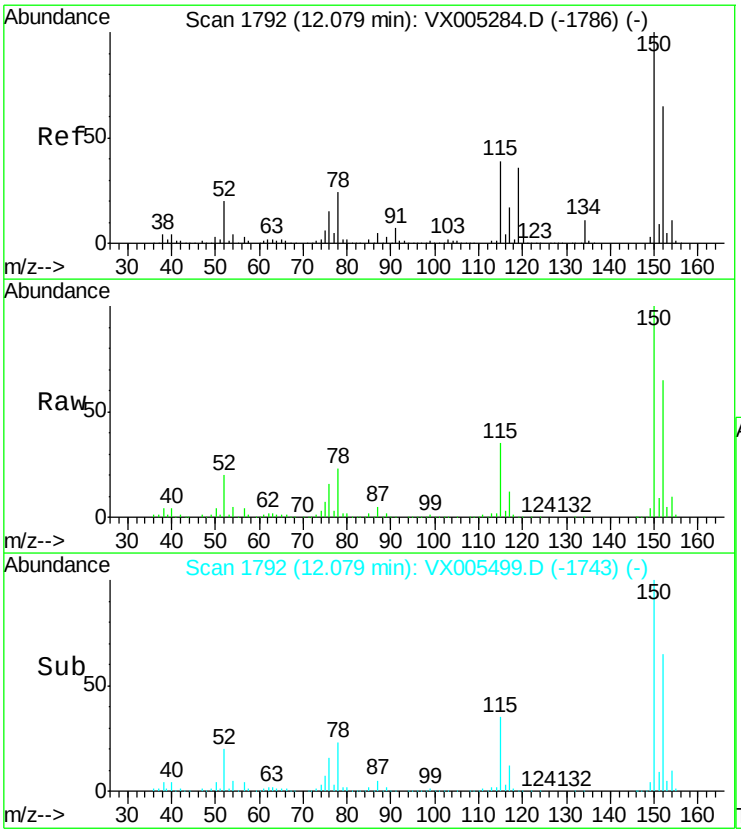
#69
o-Xylene
Concen: 34.061 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion:106 Resp: 129775

Ion	Ratio	Lower	Upper
106	100		
91	216.7	105.1	315.1

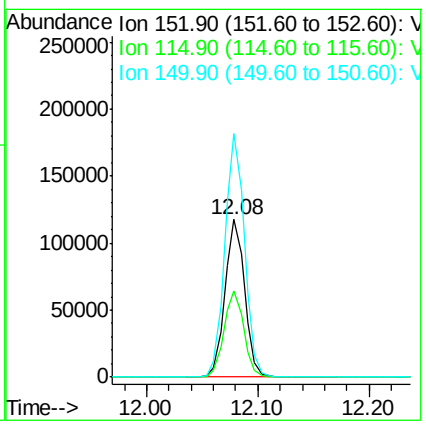


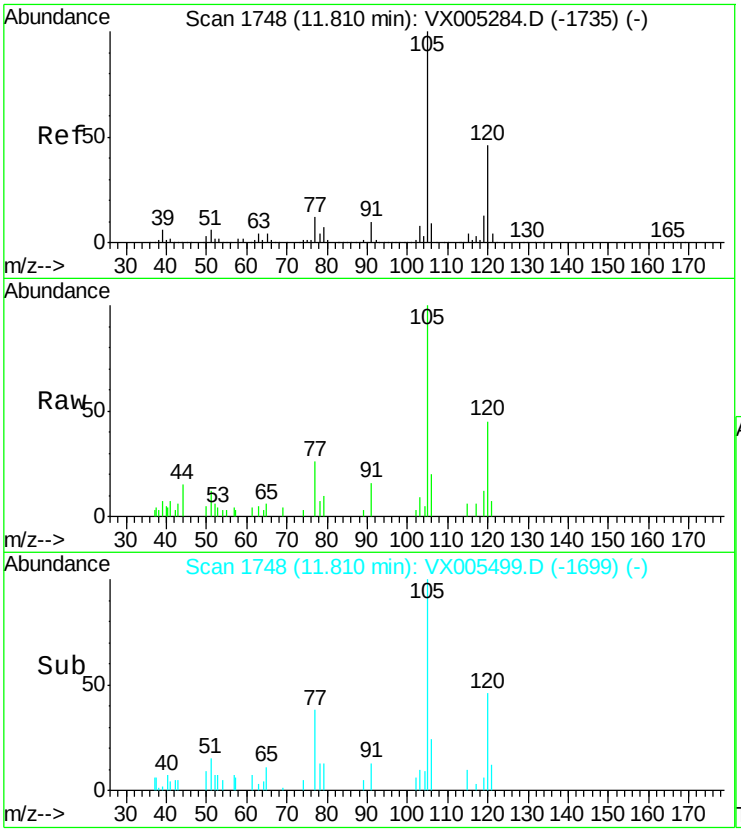


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Tgt Ion:152 Resp: 142687

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	155.0	0.0	351.0





#84
1,2,4-Trimethylbenzene
Concen: 0.376 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005499.D
Acq: 23 Oct 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TWP-01

Tgt Ion:105 Resp: 2809

Ion	Ratio	Lower	Upper
105	100		
120	39.6	23.2	69.6