Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073119\
Data File : VX011253.D
Acq On : 31 Jul 2019 19:13
Operator : JC/SP
Sample : K4048-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

Quant Time: Aug 01 03:27:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118730	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.54%			
35) Dibromofluoromethane	5.50	113	99269	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.08%			
50) Toluene-d8	8.71	98	391488	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
62) 4-Bromofluorobenzene	11.13	95	130188	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.56%			
Target Compounds						Qvalue
73) Isopropylbenzene	11.02	105	3036	0.326	ug/l	90
83) tert-Butylbenzene	11.77	119	2544	0.332	ug/l	84
85) sec-Butylbenzene	11.94	105	3453	0.385	ug/l	86

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

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
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OWL-C2-GW

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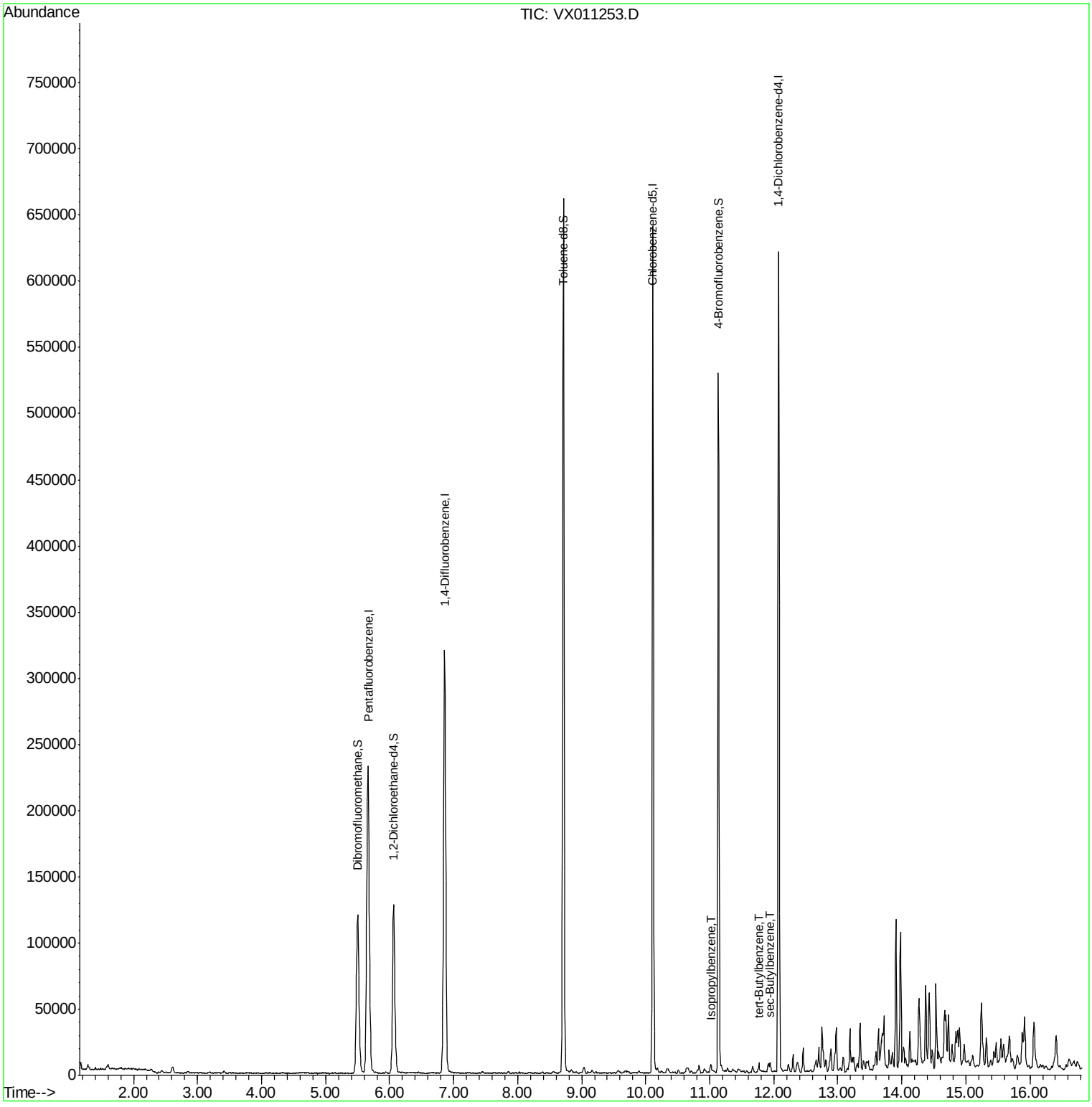
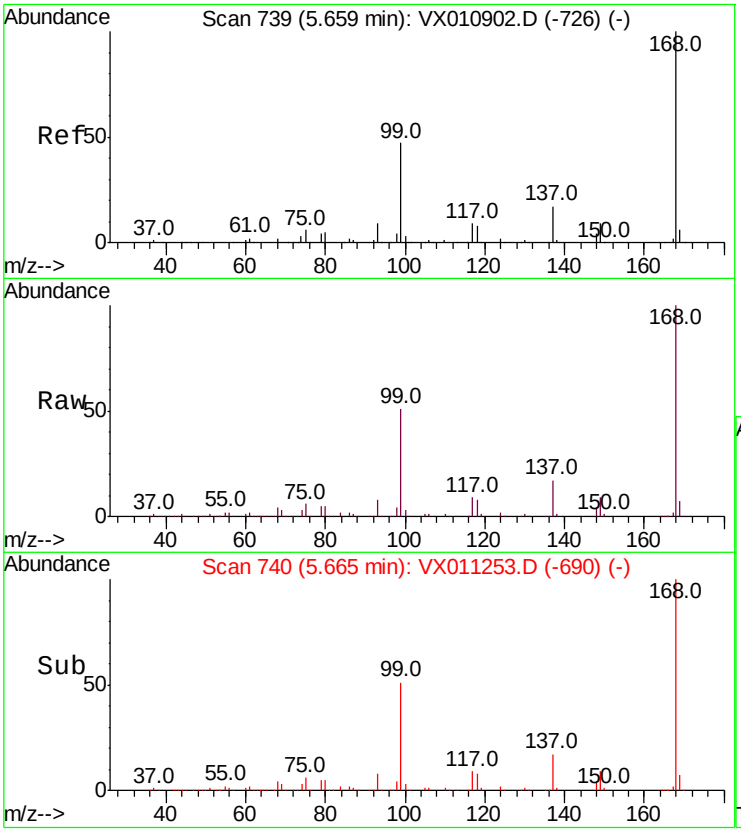


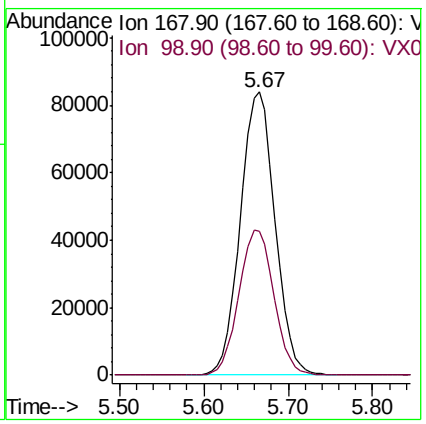


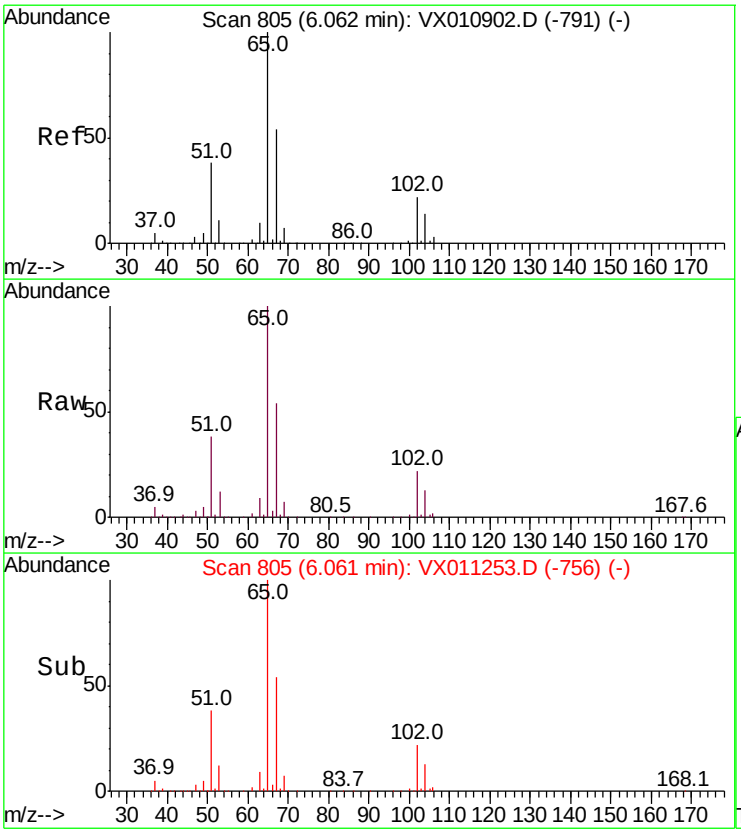
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

Tgt Ion:168 Resp: 233620

Ion	Ratio	Lower	Upper
168	100		
99	51.0	37.6	56.4

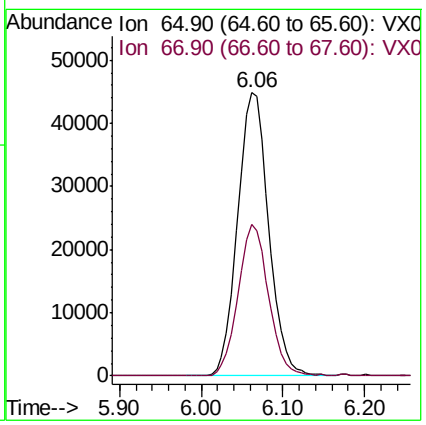


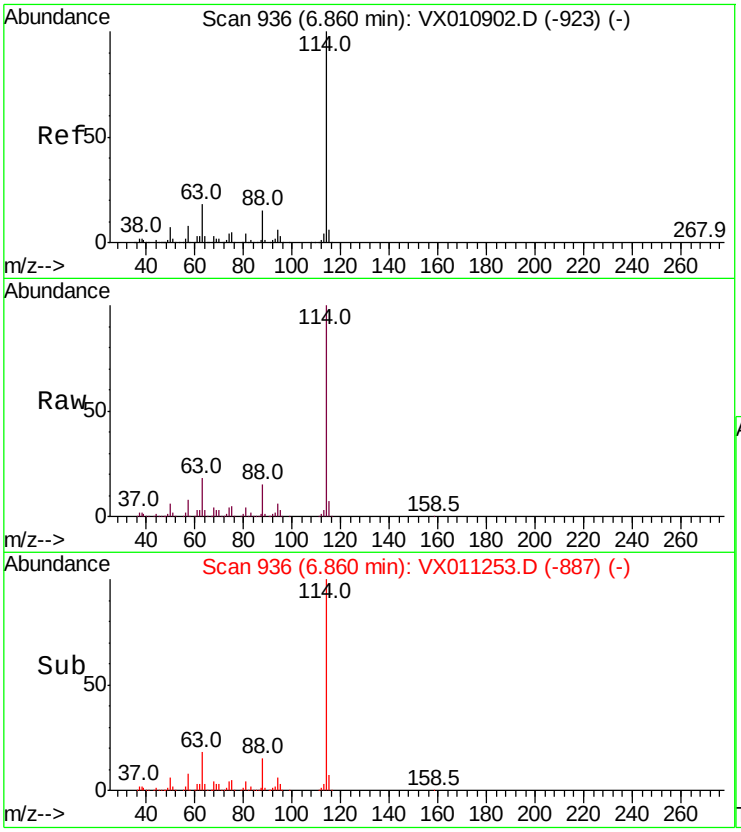


#33
1,2-Dichloroethane-d4
Concen: 47.772 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Tgt Ion: 65 Resp: 118730

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.8



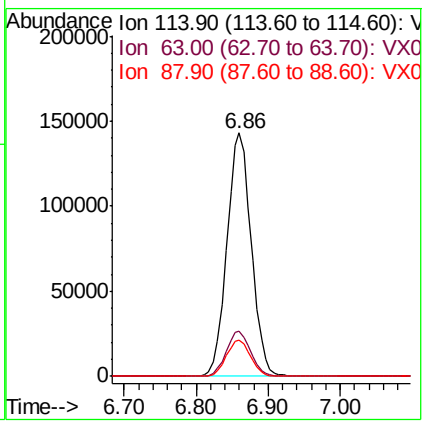


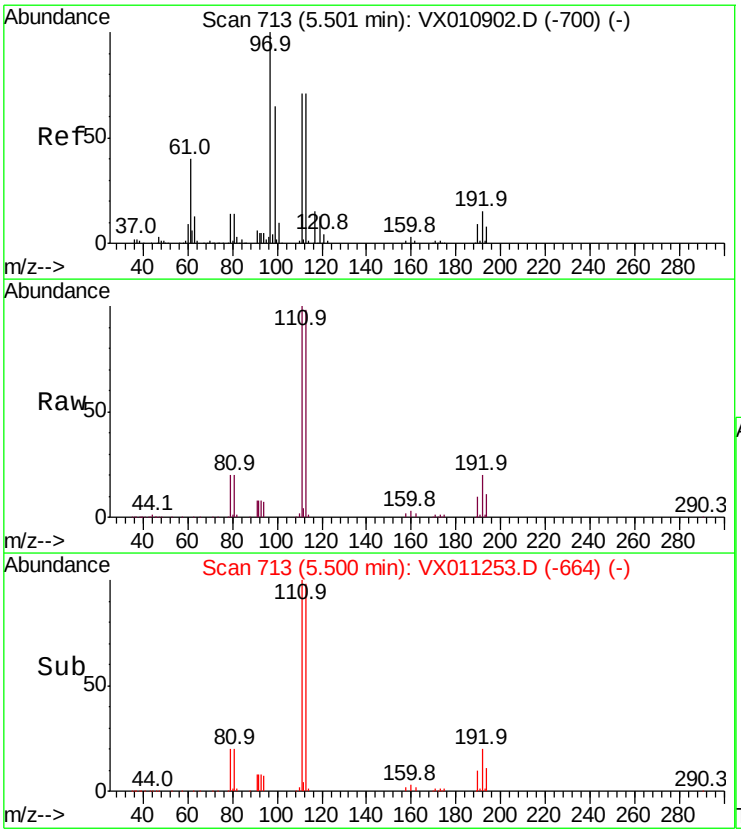
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

Tgt Ion:114 Resp: 336029

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	15.0	0.0	29.8

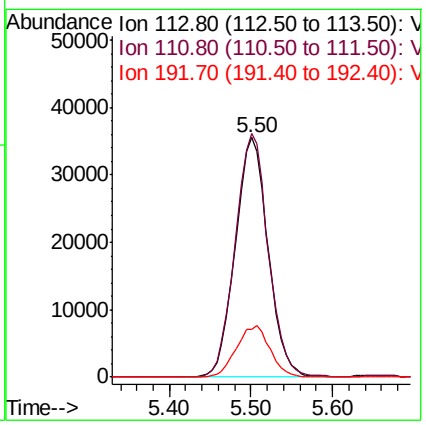


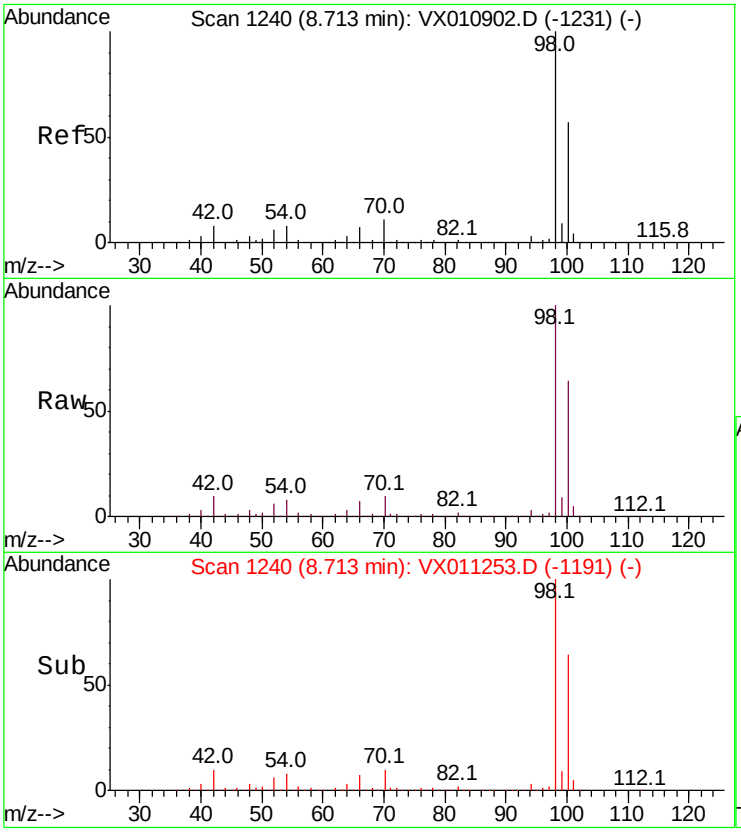


#35
Dibromofluoromethane
Concen: 46.543 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Tgt Ion:113 Resp: 99269

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	22.1	17.4	26.2



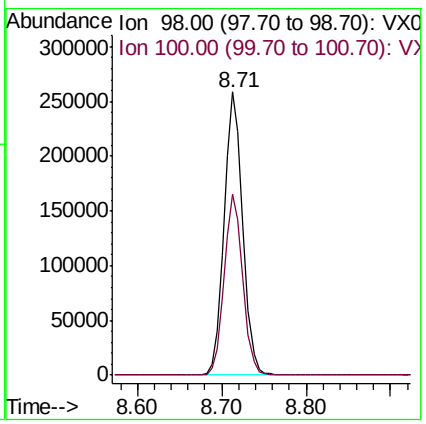


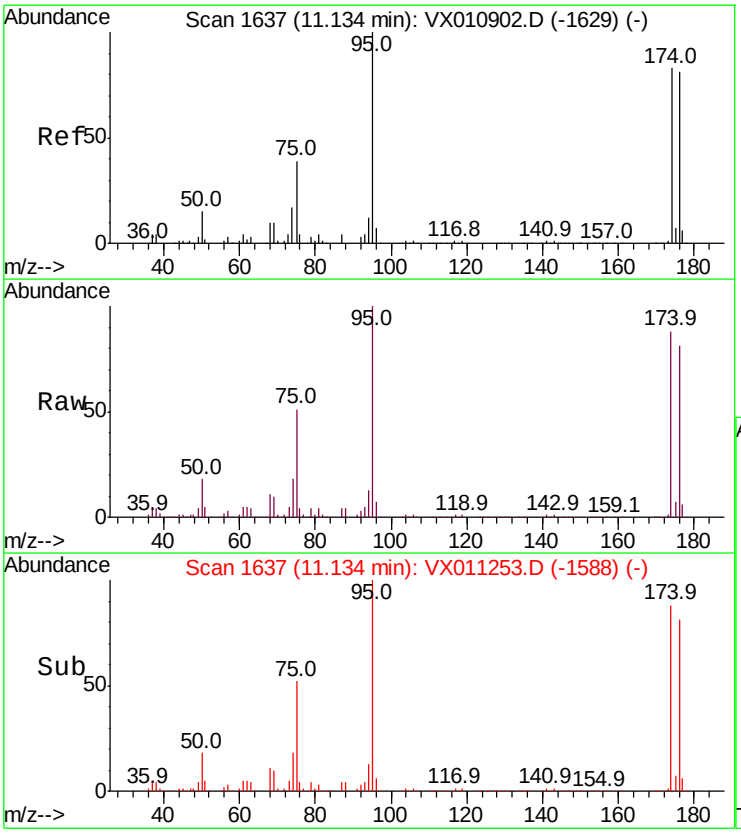
#50
Toluene-d8
Concen: 48.939 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

Tgt Ion: 98 Resp: 391488

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.6	75.8

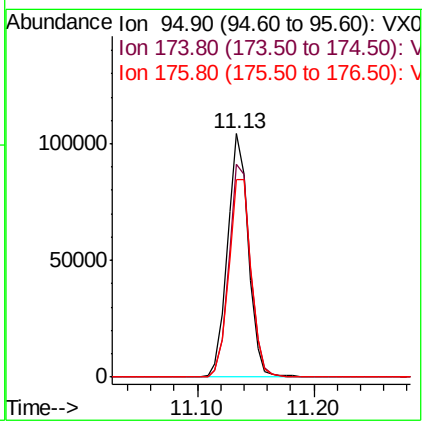


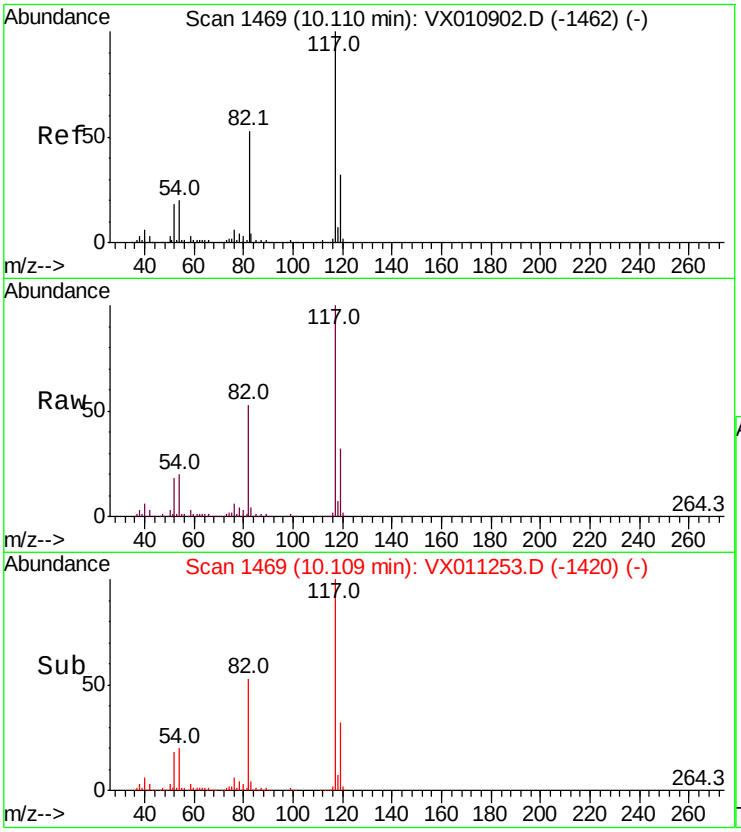


#62
4-Bromofluorobenzene
Concen: 44.276 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Tgt Ion: 95 Resp: 130188

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.6
176	86.9	0.0	173.8



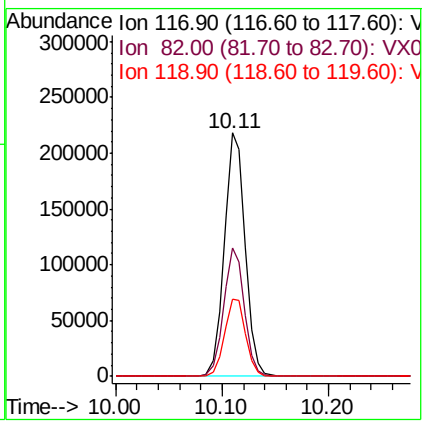


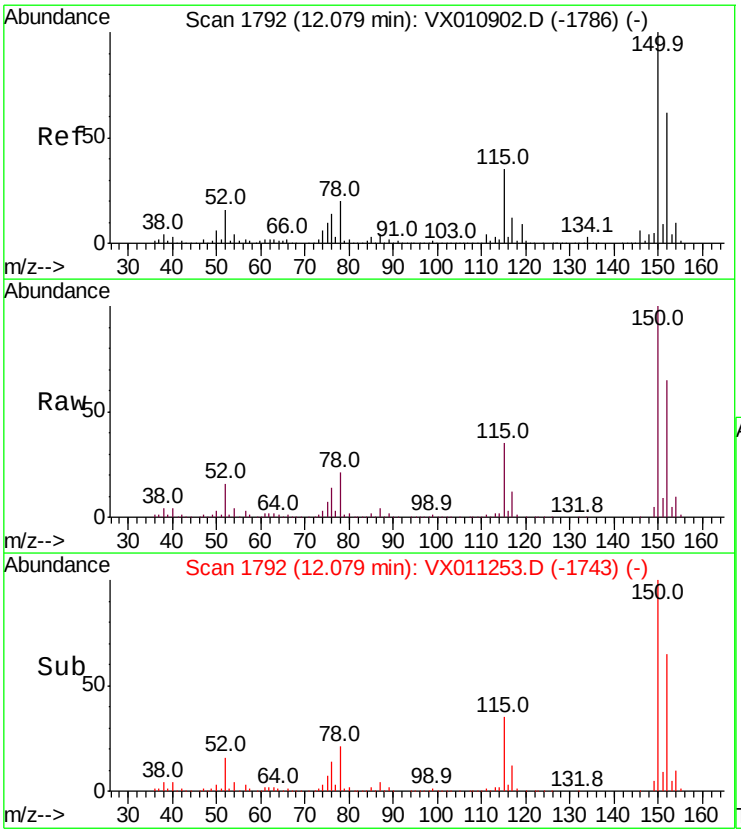
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

Tgt Ion:117 Resp: 298446

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	31.8	25.9	38.9

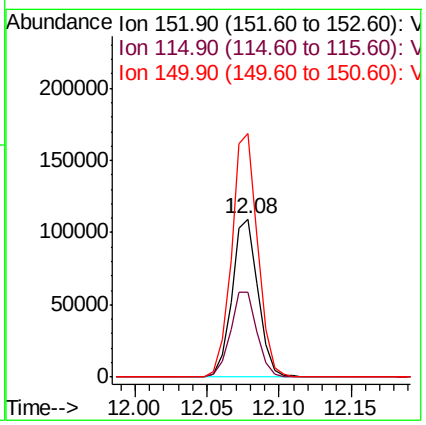


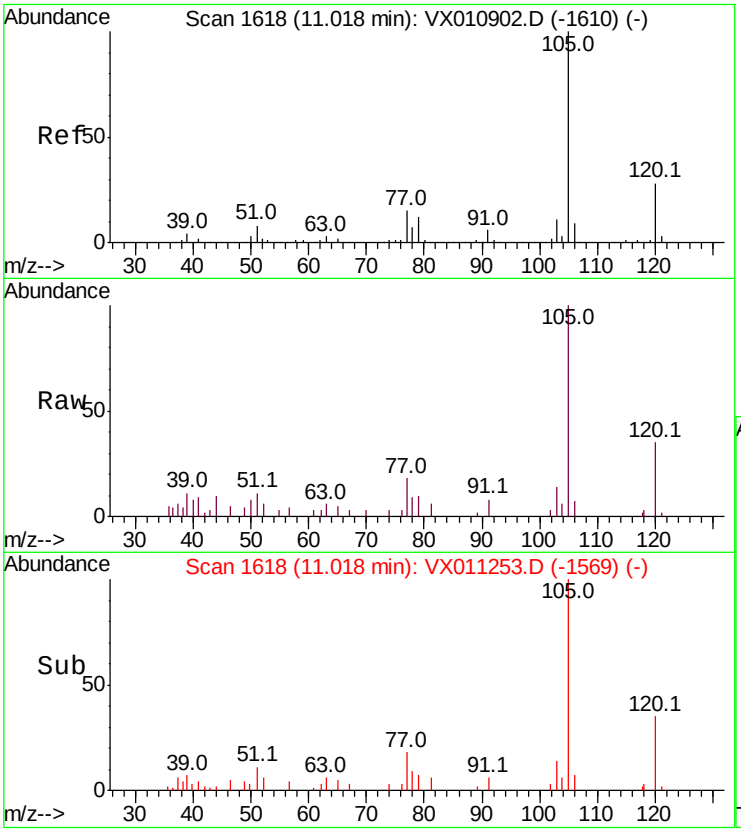


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Tgt Ion:152 Resp: 137974

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	154.8	0.0	345.6



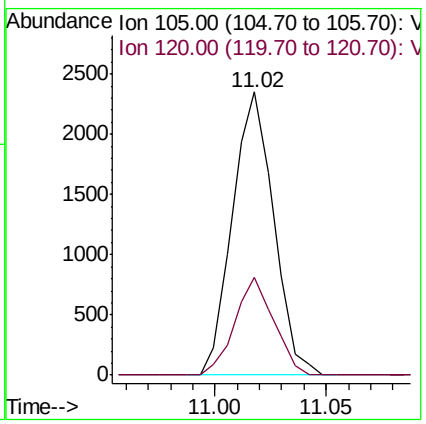


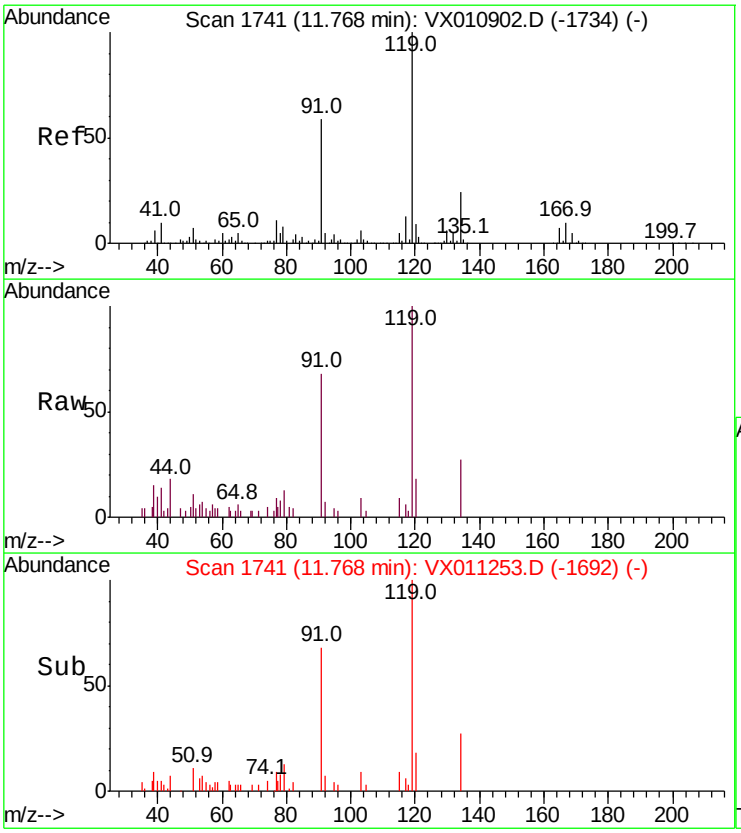
#73
Isopropylbenzene
Concen: 0.326 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

Tgt Ion:105 Resp: 3036

Ion	Ratio	Lower	Upper
105	100		
120	32.6	13.7	41.1

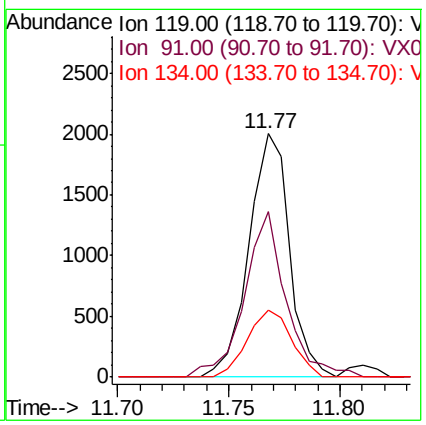


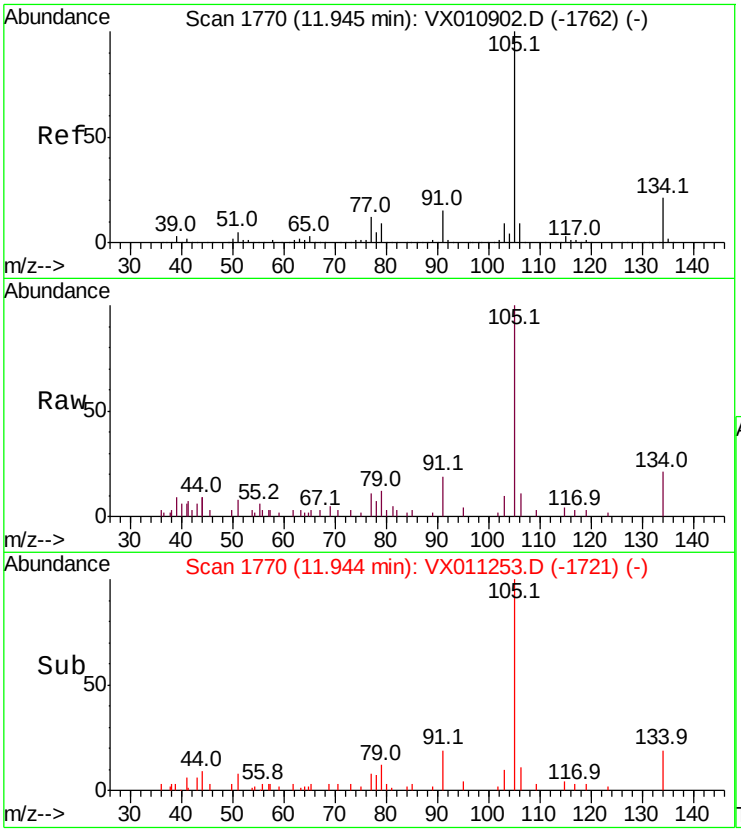


#83
tert-Butylbenzene
Concen: 0.332 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Tgt Ion:119 Resp: 2544

Ion	Ratio	Lower	Upper
119	100		
91	69.7	28.6	85.8
134	30.0	11.6	34.8





#85
sec-Butylbenzene
Concen: 0.385 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011253.D
Acq: 31 Jul 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

Tgt Ion:105 Resp: 3453

Ion	Ratio	Lower	Upper
105	100		
134	14.6	10.4	31.4