Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020415.D
Acq On : 28 Dec 2020 16:11
Operator : JC/MD
Sample : L5227-02
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

Quant Time: Dec 29 00:40:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	260637	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	404169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	186142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	160933	46.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.12%			
35) Dibromofluoromethane	5.465	113	132501	48.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.26%			
50) Toluene-d8	8.696	98	524569	49.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.02%			
62) 4-Bromofluorobenzene	11.122	95	197167	48.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.24%			
Target Compounds						Qvalue
73) Isopropylbenzene	11.000	105	4746	0.35	ug/l	100
83) tert-Butylbenzene	11.750	119	2830	0.26	ug/l	80
85) sec-Butylbenzene	11.927	105	6026	0.48	ug/l	82

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

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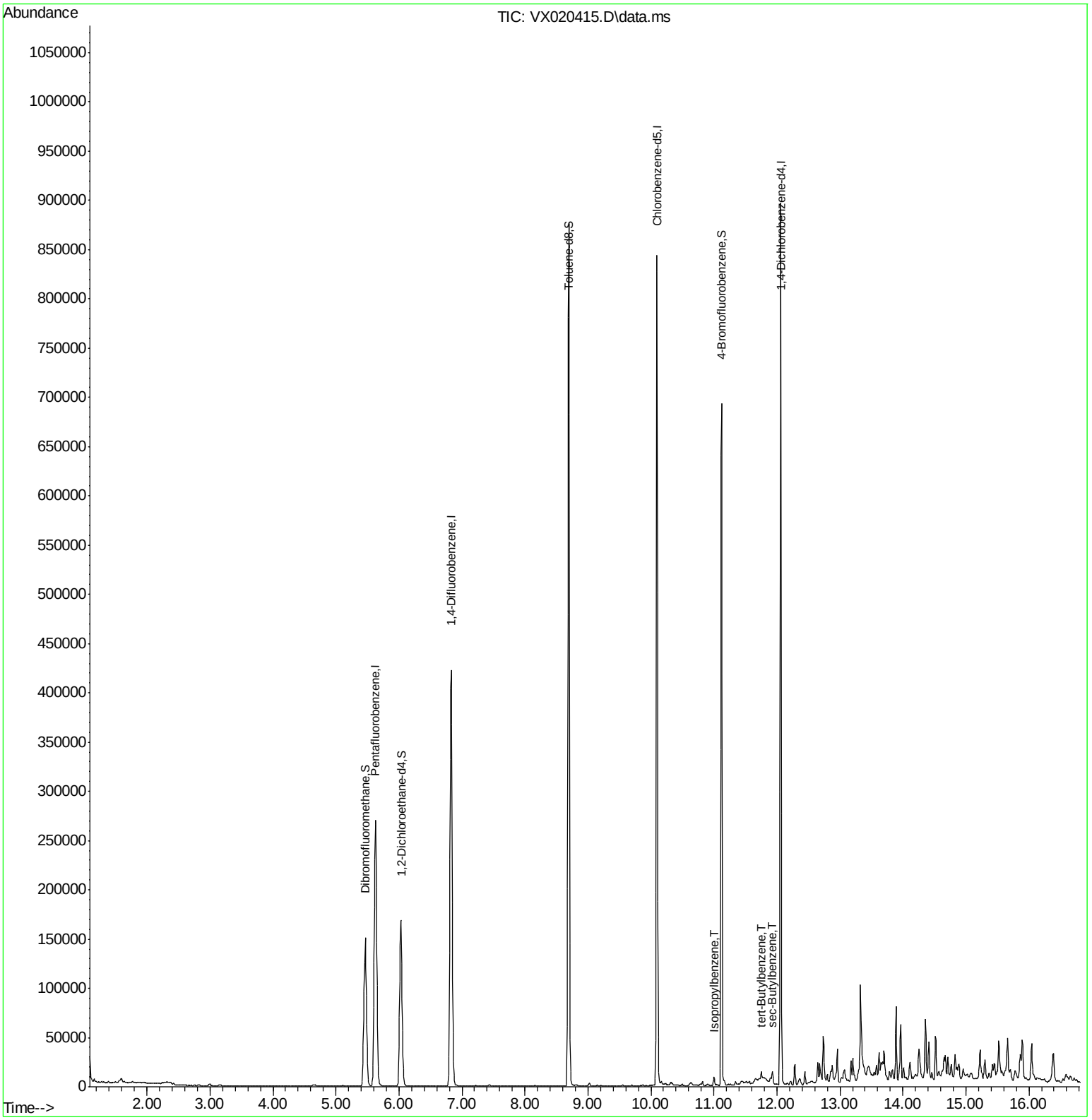
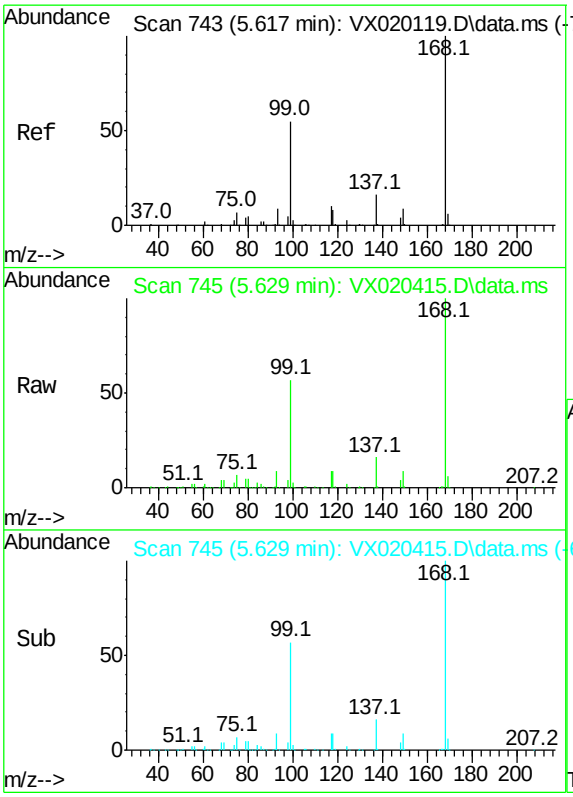


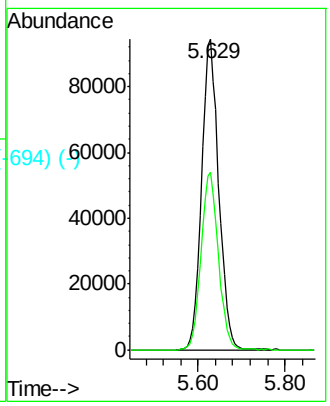
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

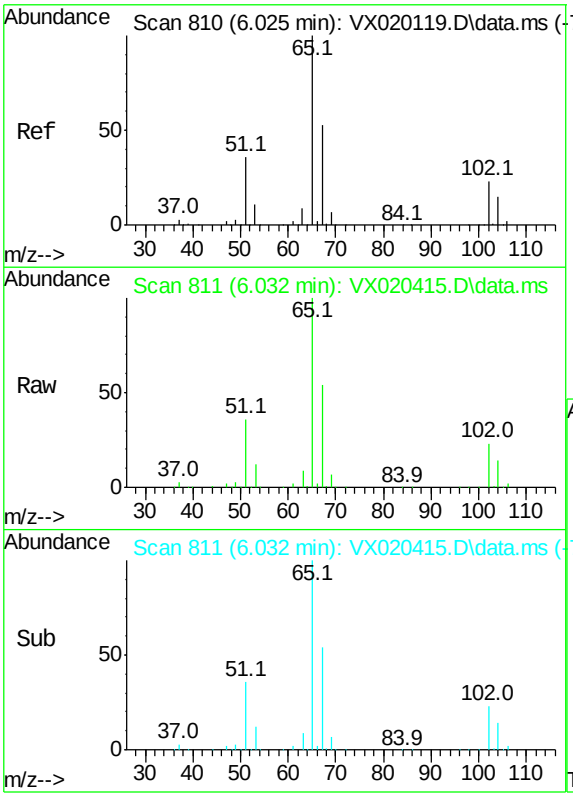


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:168 Resp: 260637

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.8	68.6

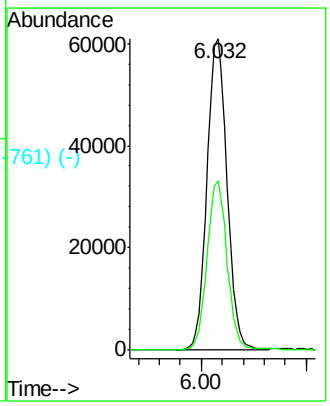


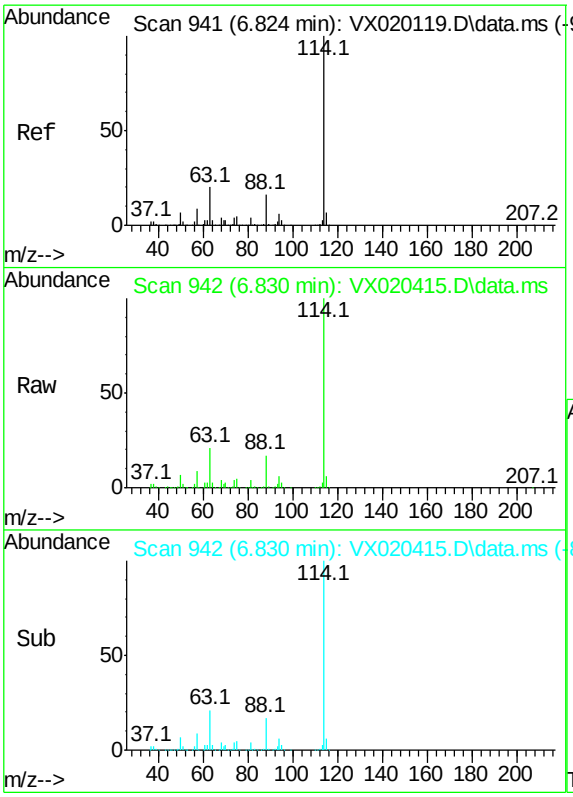


#33
1,2-Dichloroethane-d4
Concen: 46.06 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 65 Resp: 160933

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.4

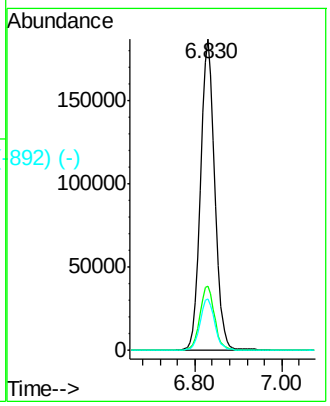




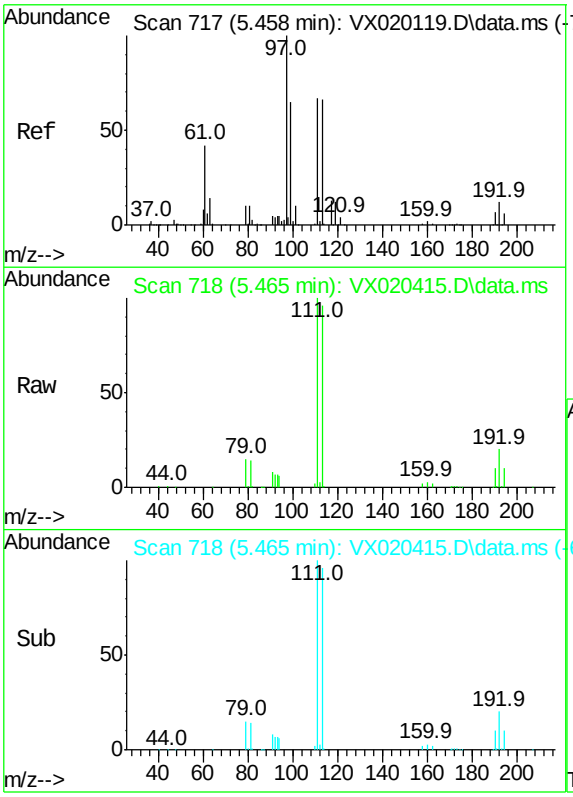
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:114 Resp: 430315

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.5	0.0	32.8



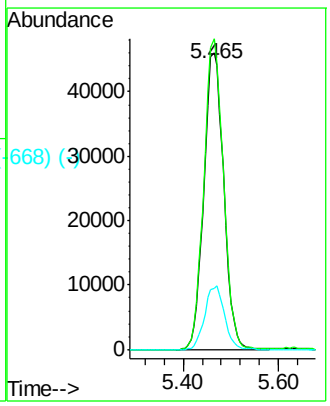
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW



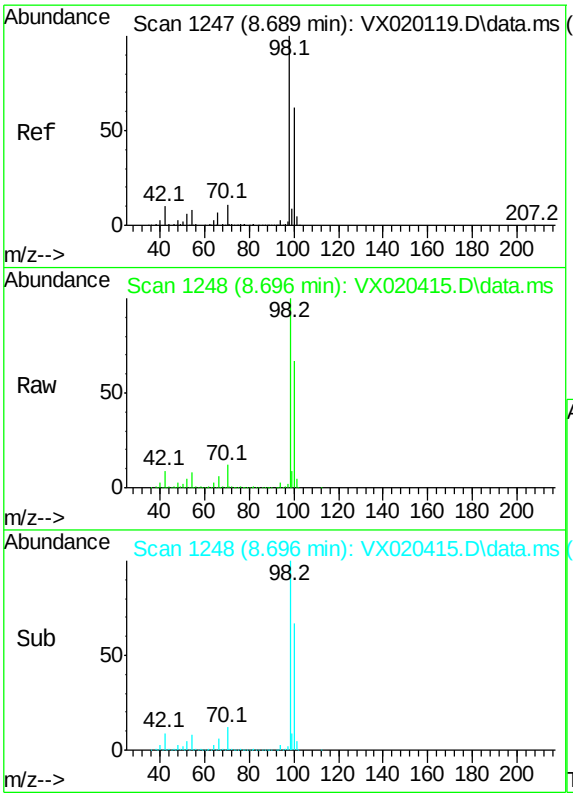
#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:113 Resp: 132501

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	21.2	16.7	25.1



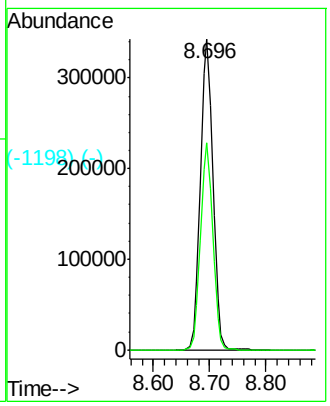
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

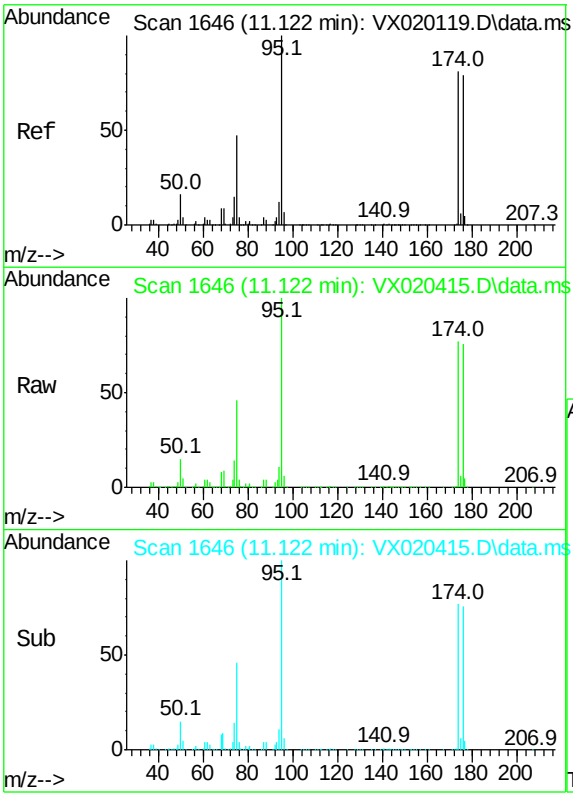


#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 98 Resp: 524569

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9

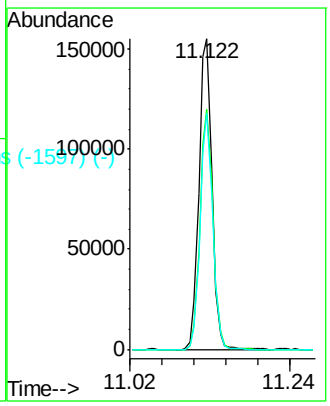




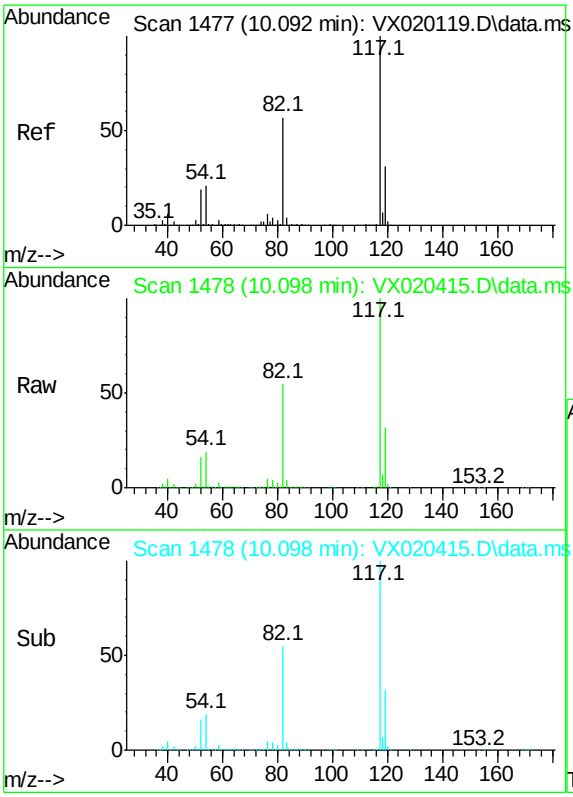
#68
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 95 Resp: 197167

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	154.6
176	73.5	0.0	155.8



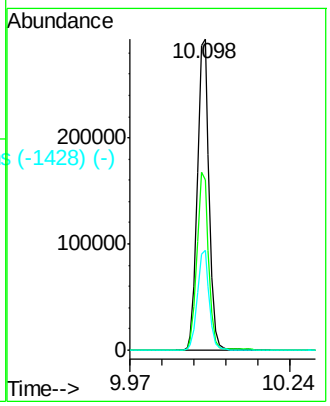
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

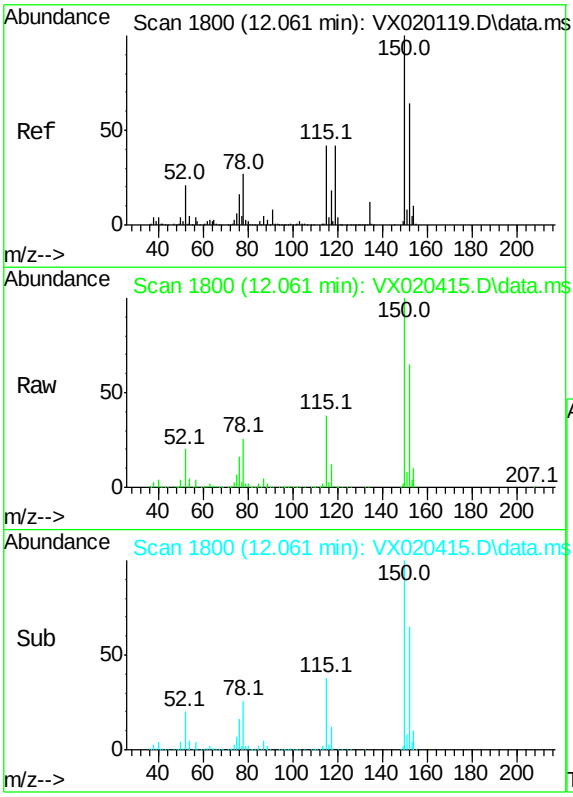


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:117 Resp: 404169

Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.4	71.2
119	32.2	26.6	39.8

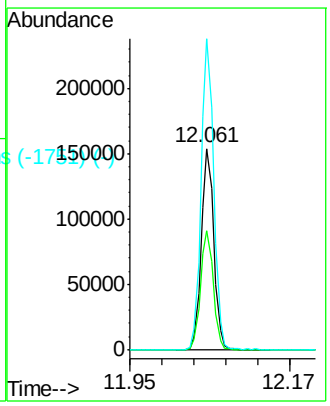




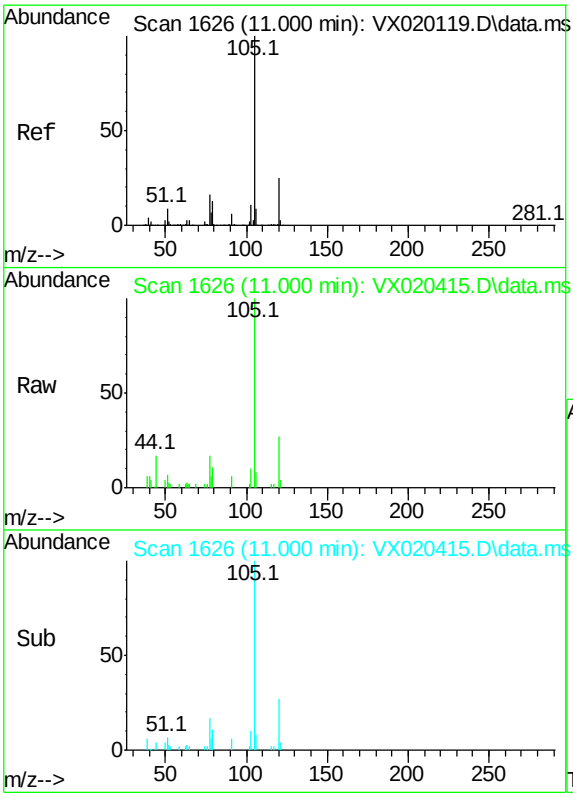
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:152 Resp: 186142

Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	156.0	0.0	349.0



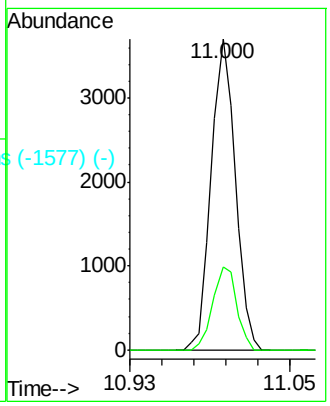
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

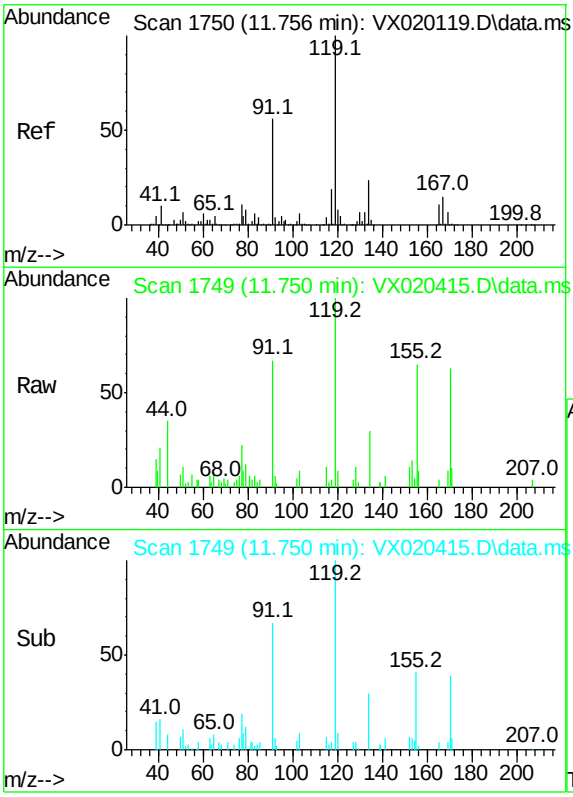


#78
Isopropylbenzene
Concen: 0.35 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:105 Resp: 4746

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

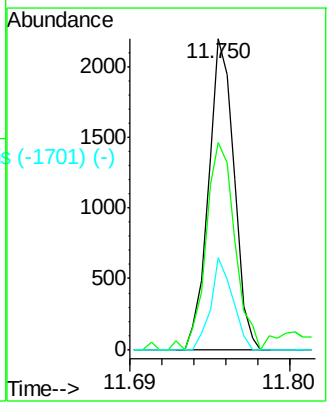


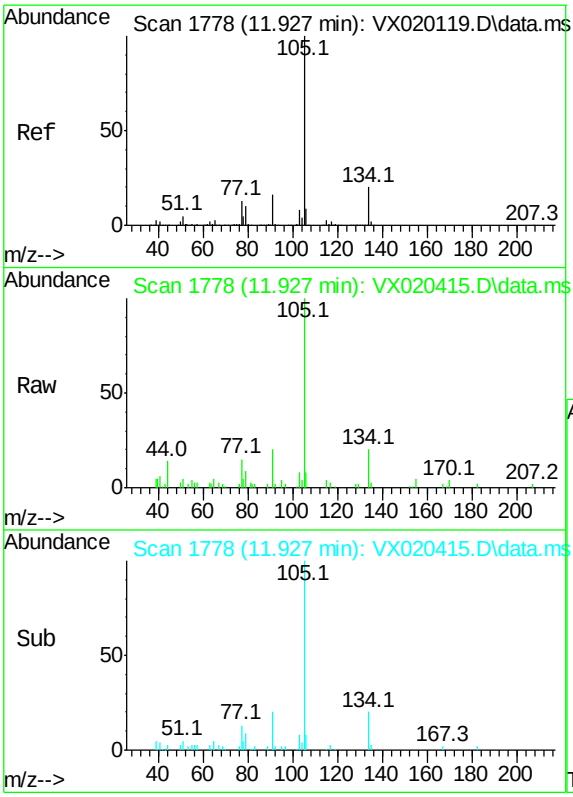


#83
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:119 Resp: 2830

Ion	Ratio	Lower	Upper
119	100		
91	74.5	27.9	83.7
134	25.3	11.3	33.9

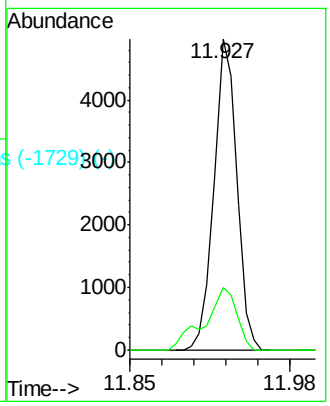




#85
sec-Butylbenzene
Concen: 0.48 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:105 Resp: 6026

Ion	Ratio	Lower	Upper
105	100		
134	28.3	10.0	29.8



Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW