Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020414.D
Acq On : 28 Dec 2020 15:47
Operator : JC/MD
Sample : L5227-01
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C1-GW

Quant Time: Dec 29 00:40:38 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	257256	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	428985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	386140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	161631	46.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.74%			
35) Dibromofluoromethane	5.464	113	134801	49.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.24%			
50) Toluene-d8	8.695	98	529852	50.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.32%			
62) 4-Bromofluorobenzene	11.122	95	191103	47.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.54%			
Target Compounds						Qvalue
16) Acetone	2.416	43	5778	3.67	ug/l	100
31) Cyclohexane	5.544	56	2622	0.55	ug/l	90
39) Methylcyclohexane	7.440	83	21336	4.36	ug/l	95
69) o-Xylene	10.677	106	2107	0.40	ug/l	97
73) Isopropylbenzene	11.000	105	325590	25.60	ug/l	100
78) n-propylbenzene	11.341	91	485351	33.12	ug/l	99
83) tert-Butylbenzene	11.756	119	15007	1.45	ug/l	84
85) sec-Butylbenzene	11.927	105	150492	12.61	ug/l	90
89) n-Butylbenzene	12.372	91	78181	8.11	ug/l	91

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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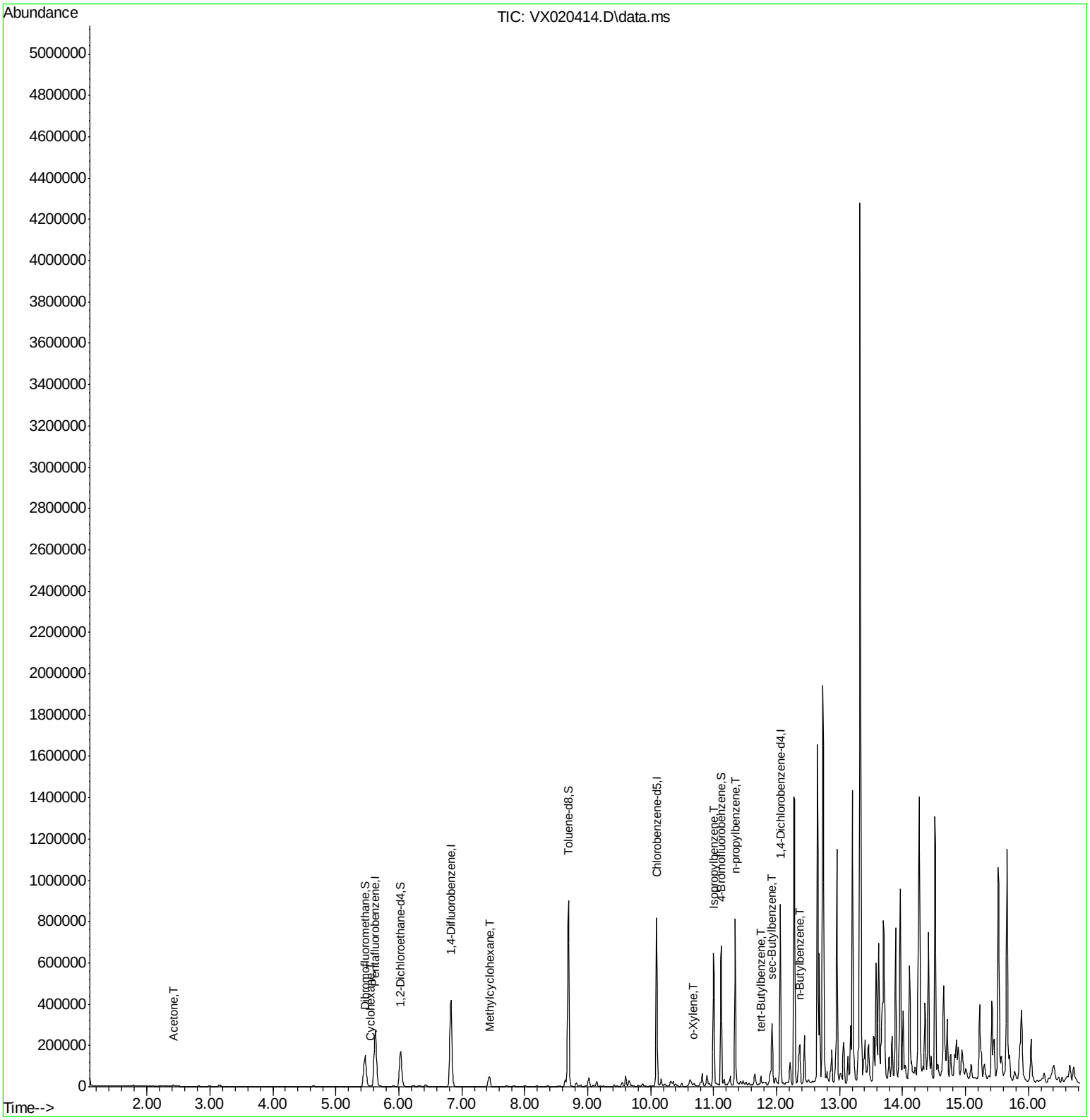
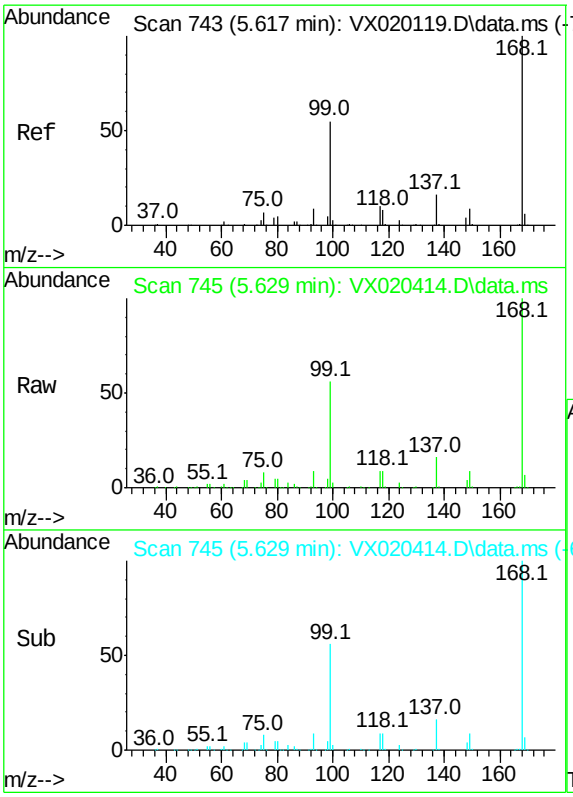
Quant Time: Dec 29 00:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

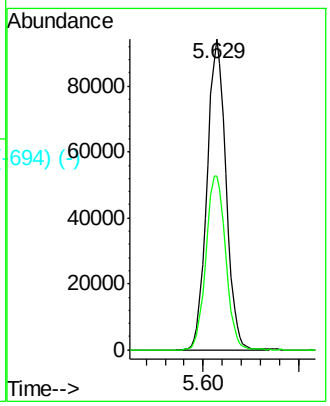




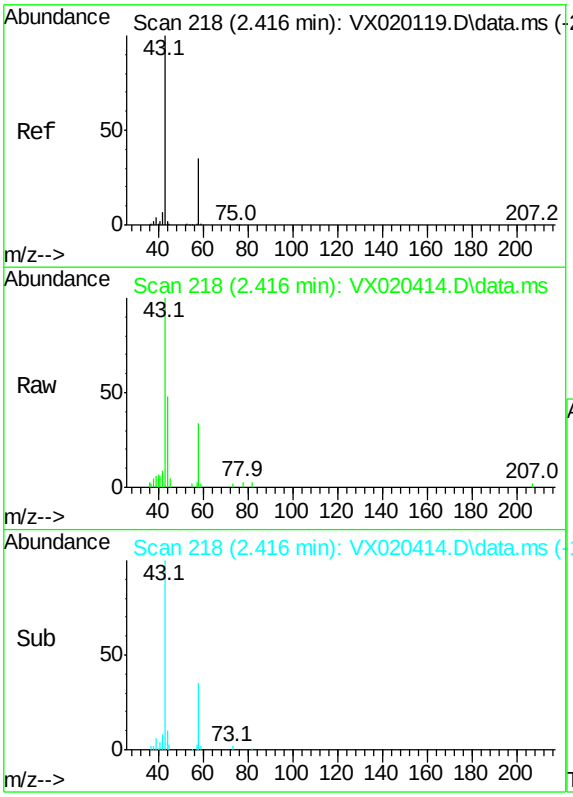
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:168 Resp: 257256

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.8	68.6



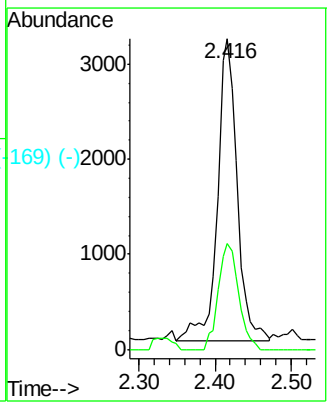
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW



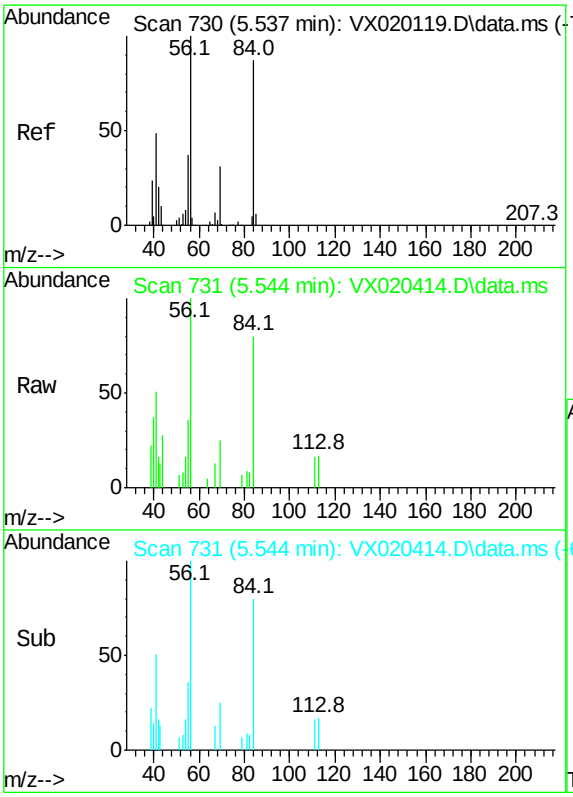
#16
Acetone
Concen: 3.67 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 43 Resp: 5778

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.8



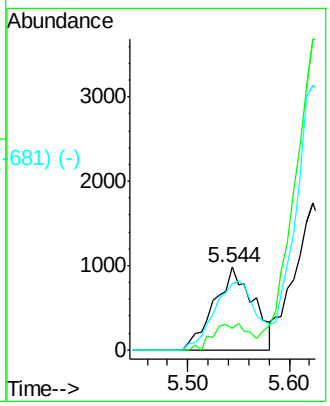
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

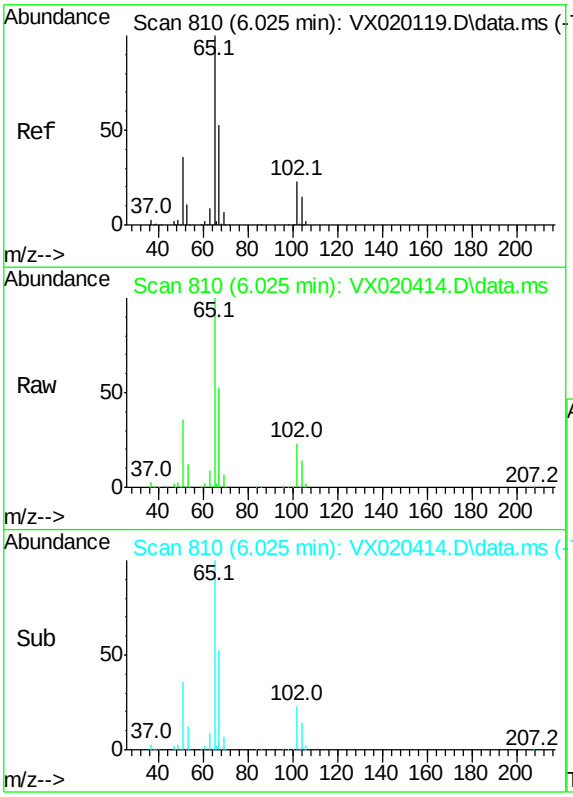


#31
Cyclohexane
Concen: 0.55 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 56 Resp: 2622

Ion	Ratio	Lower	Upper
56	100		
69	25.4	25.3	37.9
84	80.5	71.4	107.0

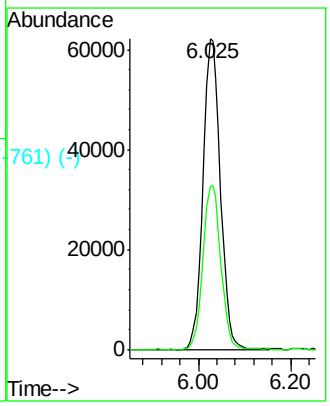


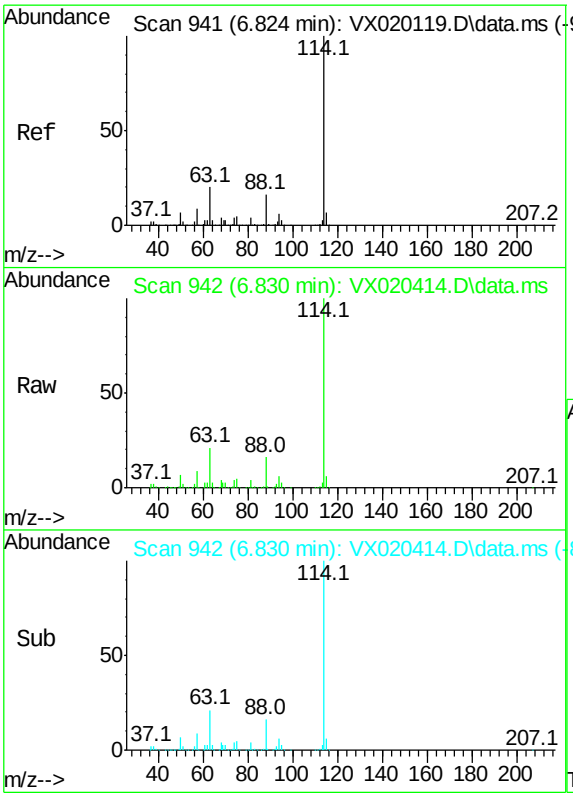


#33
1,2-Dichloroethane-d4
Concen: 46.87 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 65 Resp: 161631

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.4

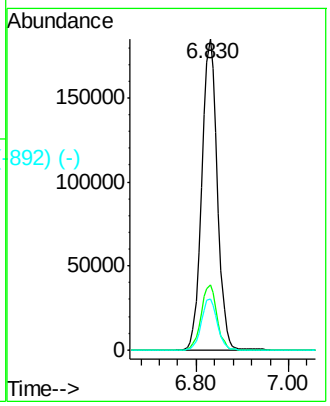




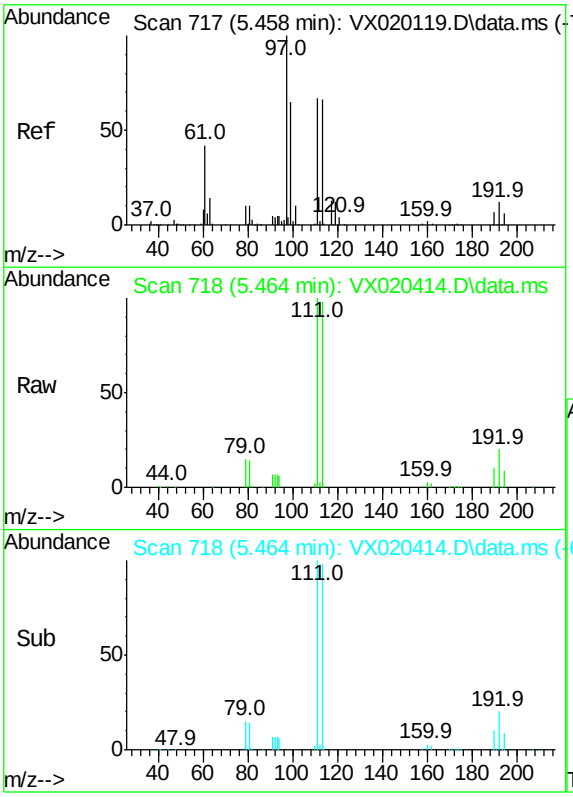
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:114 Resp: 428985

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	16.5	0.0	32.8



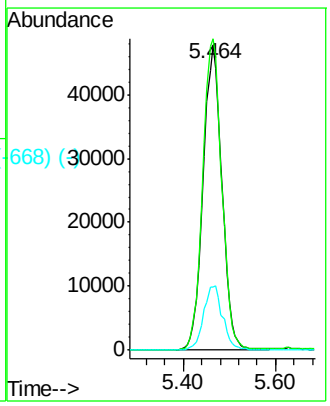
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

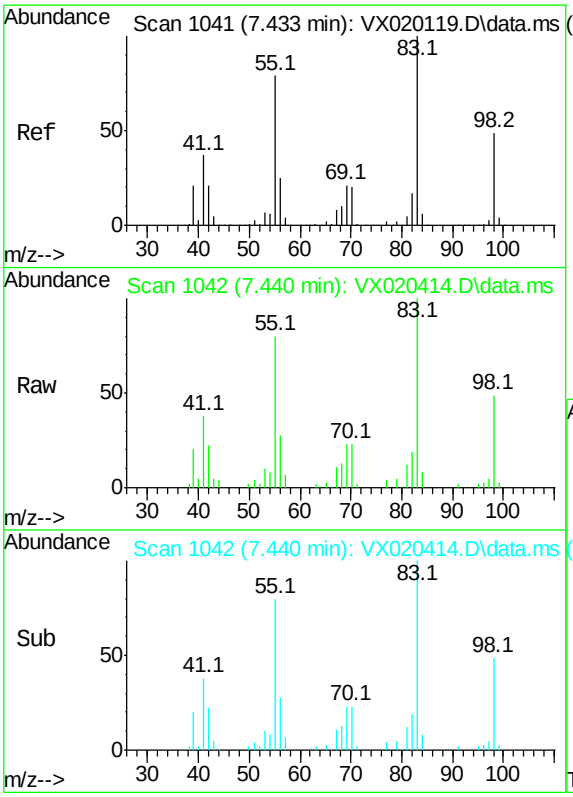


#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:113 Resp: 134801

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	20.8	16.7	25.1

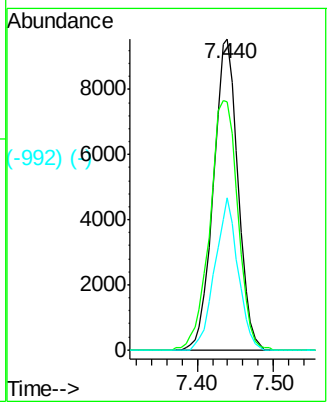




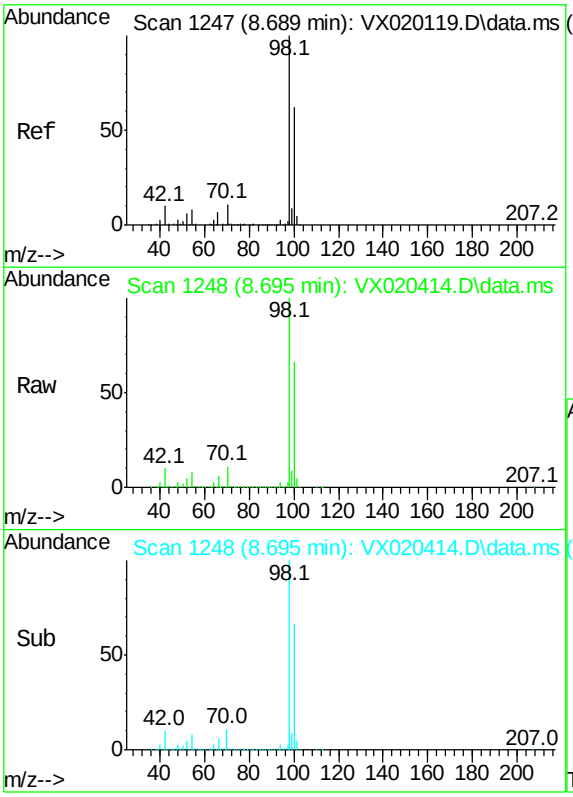
#39
Methylcyclohexane
Concen: 4.36 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 83 Resp: 21336

Ion	Ratio	Lower	Upper
83	100		
55	79.3	58.9	88.3
98	48.8	38.1	57.1



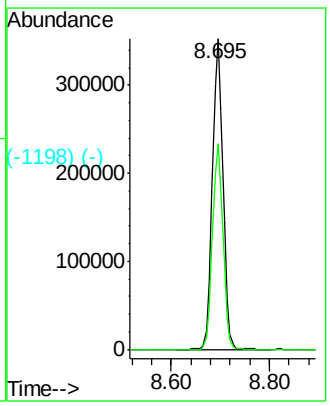
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

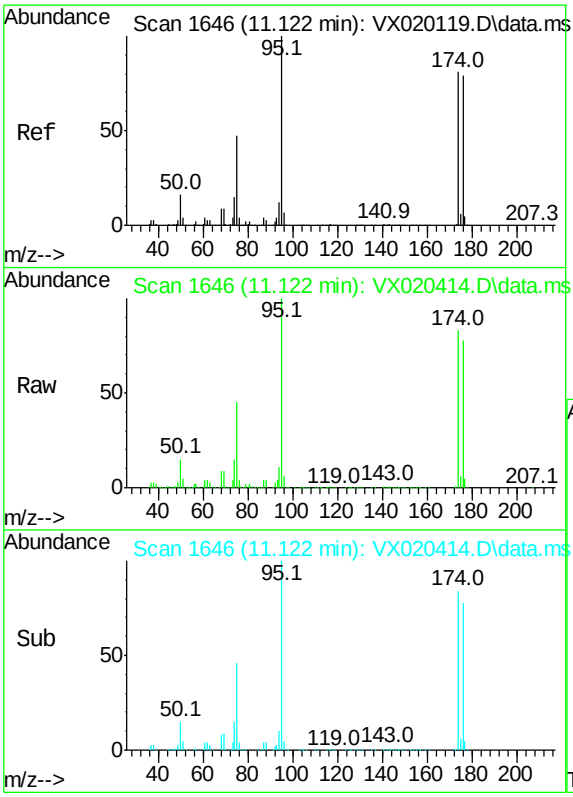


#50
Toluene-d8
Concen: 50.16 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 98 Resp: 529852

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9

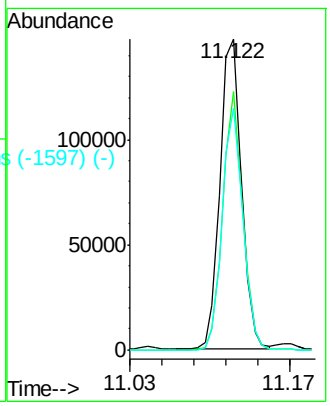




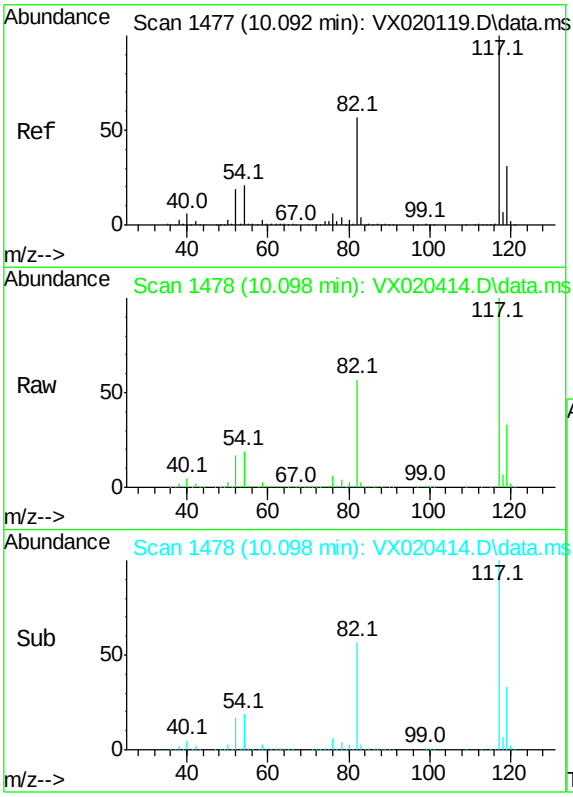
#62
4-Bromofluorobenzene
Concen: 47.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 95 Resp: 191103

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	154.6
176	74.6	0.0	155.8



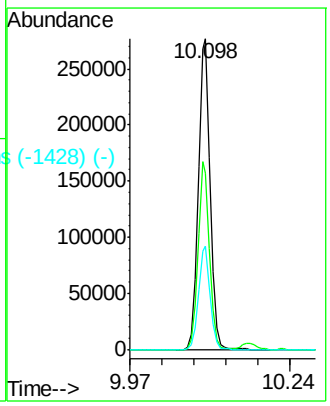
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

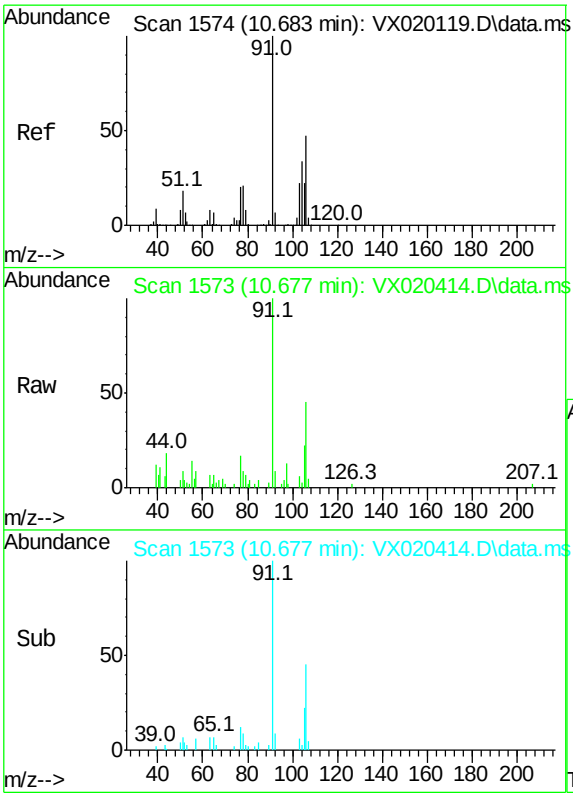


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:117 Resp: 386140

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.4	71.2
119	33.2	26.6	39.8

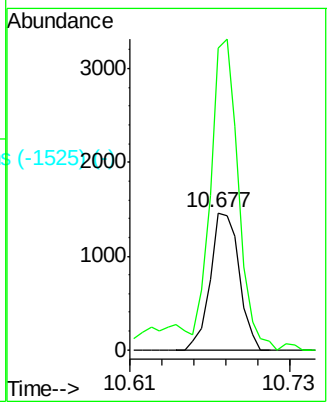




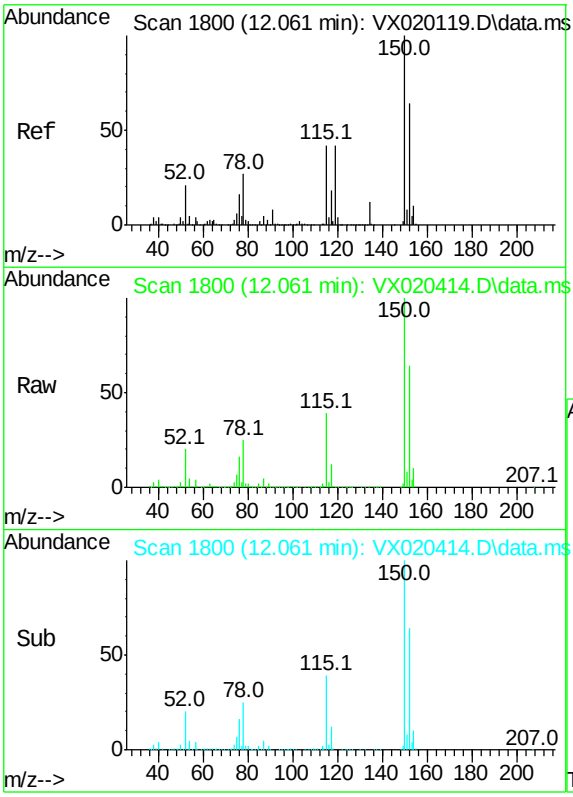
#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:106 Resp: 2107

Ion	Ratio	Lower	Upper
106	100		
91	221.5	108.1	324.2



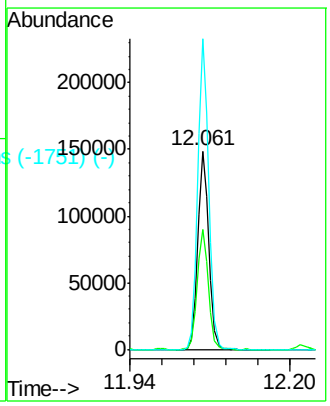
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW



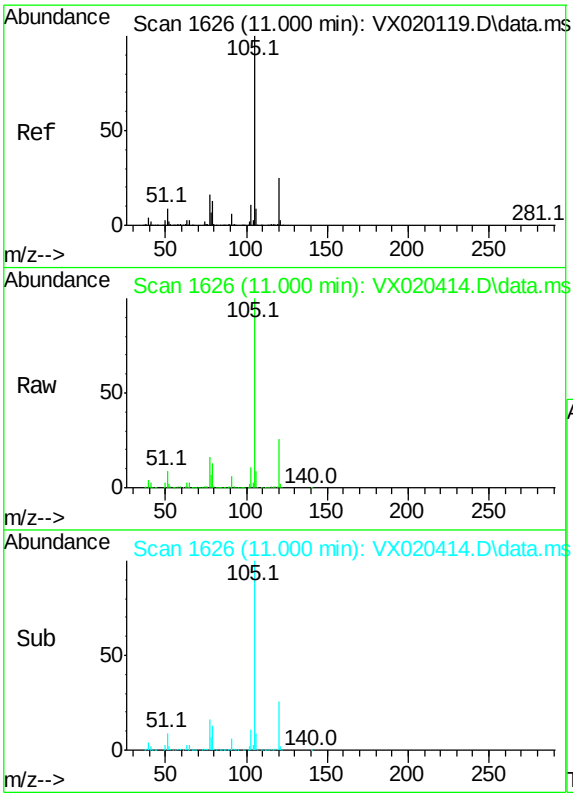
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:152 Resp: 176201

Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.1	123.3
150	157.0	0.0	349.0



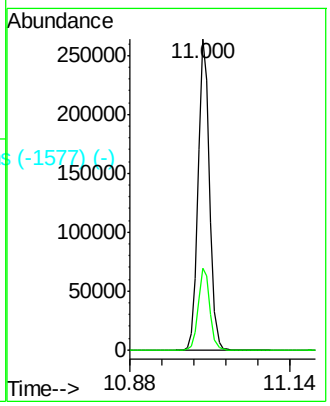
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

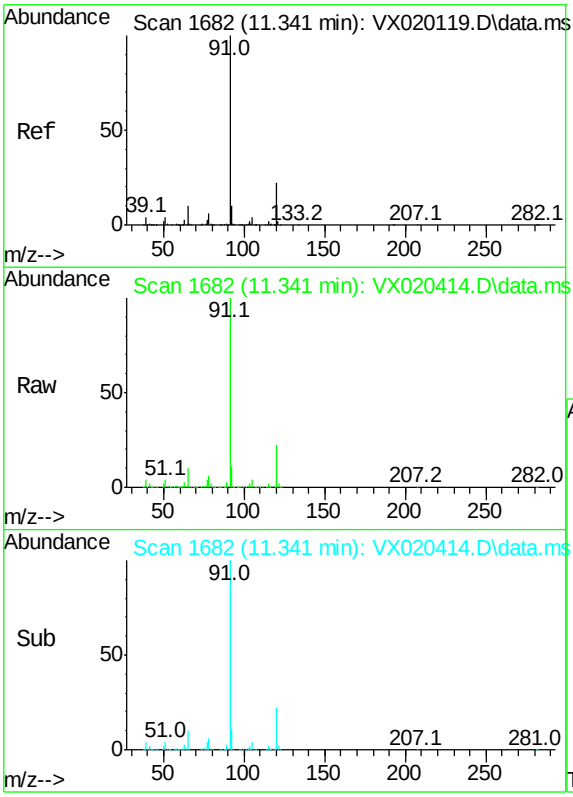


#78
Isopropylbenzene
Concen: 25.60 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:105 Resp: 325590

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

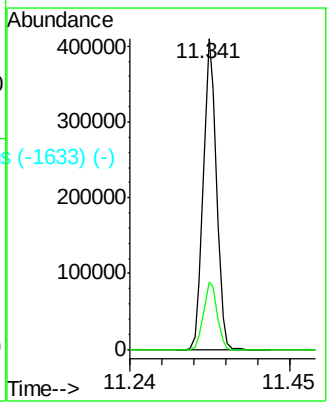


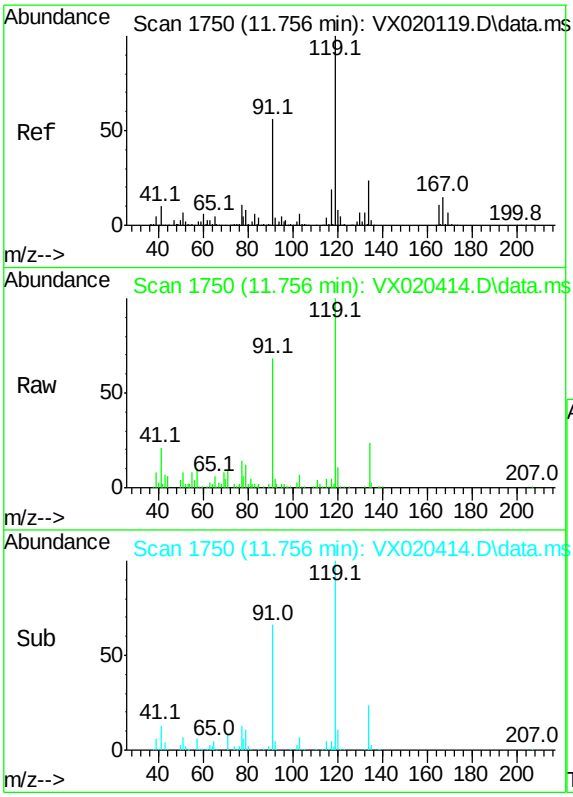


#78
n-propylbenzene
Concen: 33.12 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 91 Resp: 485351

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.5	34.5

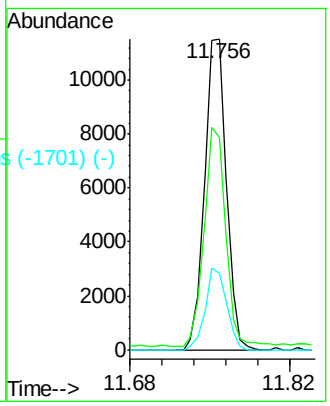




#82
tert-Butylbenzene
Concen: 1.45 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:119 Resp: 15007

Ion	Ratio	Lower	Upper
119	100		
91	70.8	27.9	83.7
134	25.6	11.3	33.9



Instrument :
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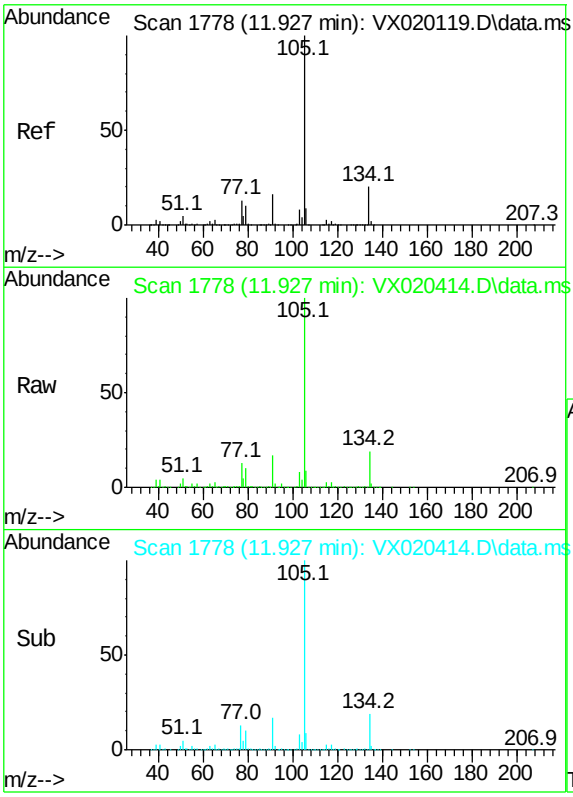
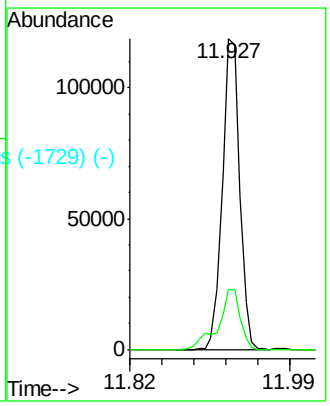
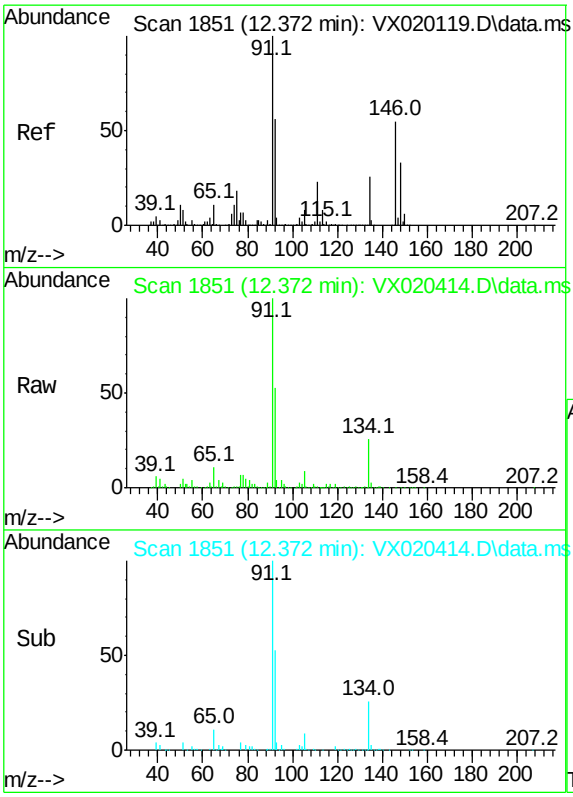


#85
sec-Butylbenzene
Concen: 12.61 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion:105 Resp: 150492

Ion	Ratio	Lower	Upper
105	100		
134	24.3	10.0	29.8

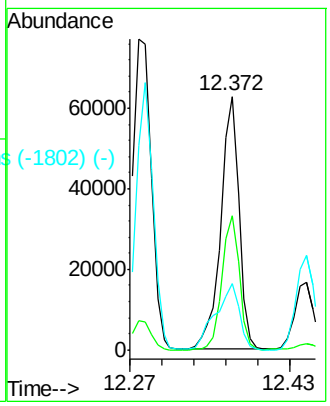




#89
n-Butylbenzene
Concen: 8.11 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020414.D
Acq: 28 Dec 2020 15:47

Tgt Ion: 91 Resp: 78181

Ion	Ratio	Lower	Upper
91	100		
92	50.7	27.4	82.0
134	34.5	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW