Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020453.D
Acq On : 30 Dec 2020 14:12
Operator : JC/MD
Sample : L5222-05 50X
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 31369

Quant Time: Dec 31 01:06:29 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	238460	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	389421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	359023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	153937	48.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.32%			
35) Dibromofluoromethane	5.464	113	127789	51.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.60%			
50) Toluene-d8	8.696	98	469521	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.92%			
62) 4-Bromofluorobenzene	11.122	95	157868	43.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	23276	32.52	ug/l #	73
16) Acetone	2.416	43	9978	6.85	ug/l	97
20) Methylene Chloride	2.831	84	4674	1.42	ug/l	89
31) Cyclohexane	5.550	56	7251	1.65	ug/l	95
39) Methylcyclohexane	7.434	83	6904	1.55	ug/l	86
40) Benzene	6.111	78	704671	58.82	ug/l	99
52) Toluene	8.763	92	255031	34.88	ug/l	100
67) Ethyl Benzene	10.232	91	14507	1.08	ug/l	99
68) m/p-Xylenes	10.342	106	27660	5.50	ug/l	98
69) o-Xylene	10.683	106	9245	1.91	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020453.D
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Sample : L5222-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
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31369

Quant Time: Dec 31 01:06:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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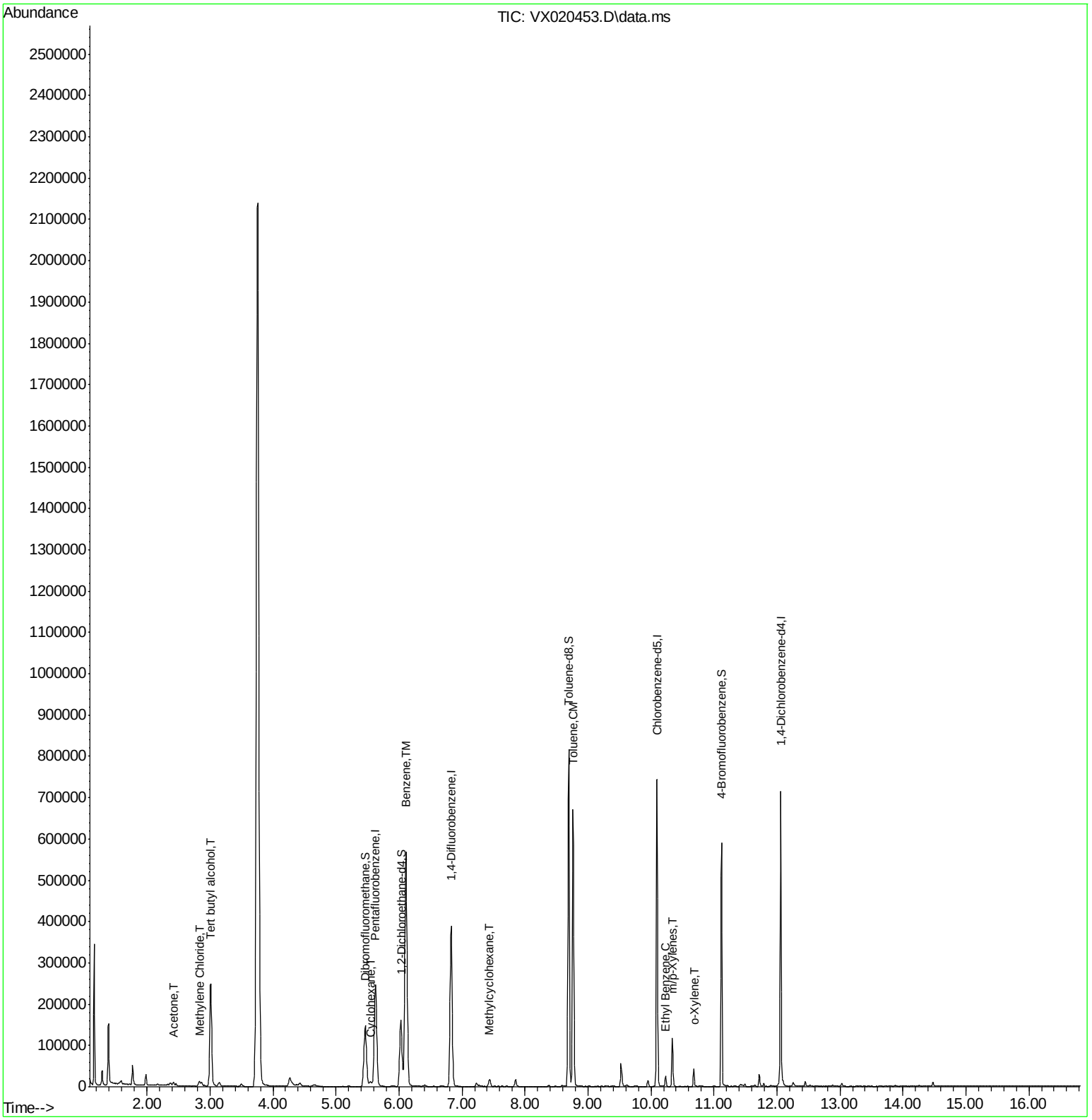
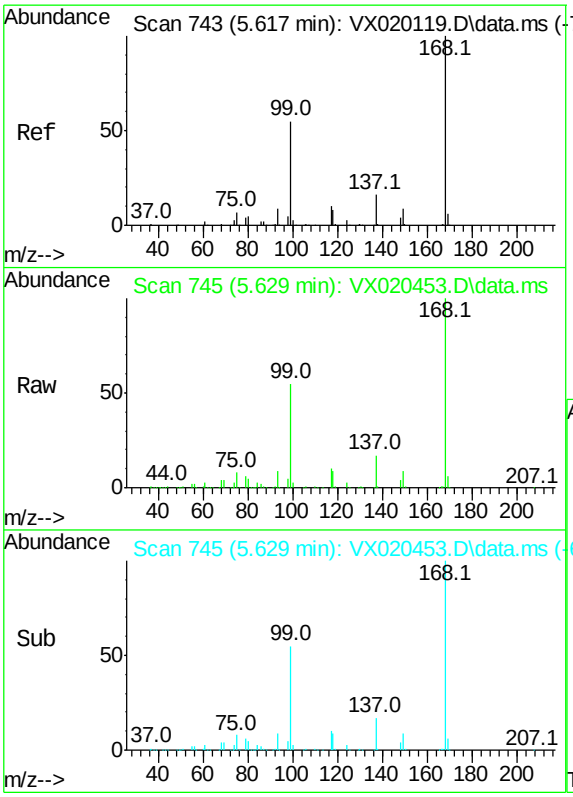
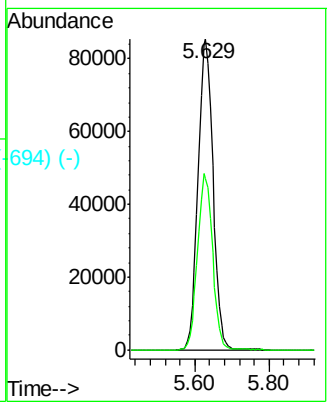




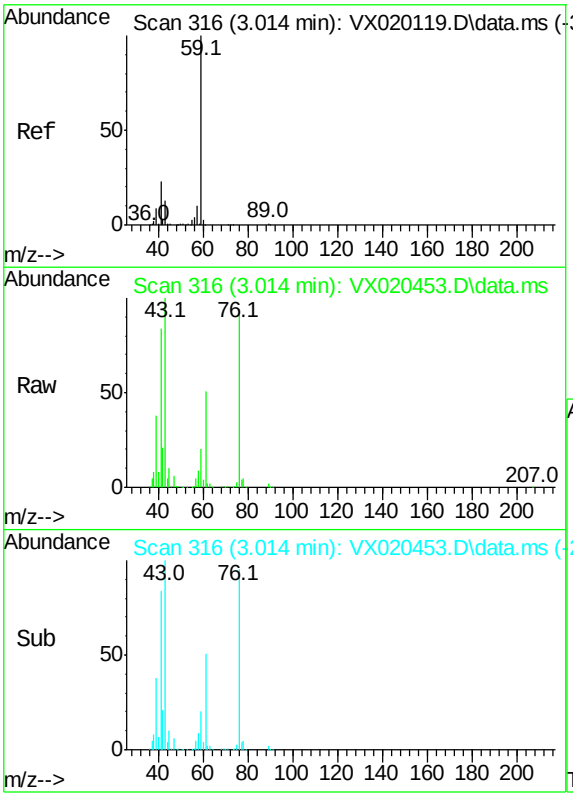
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:168 Resp: 238460

Ion	Ratio	Lower	Upper
168	100		
99	55.0	45.8	68.6



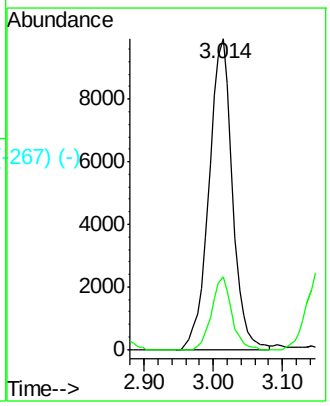
Instrument :
MSVOA_X
ClientSampleId :
31369



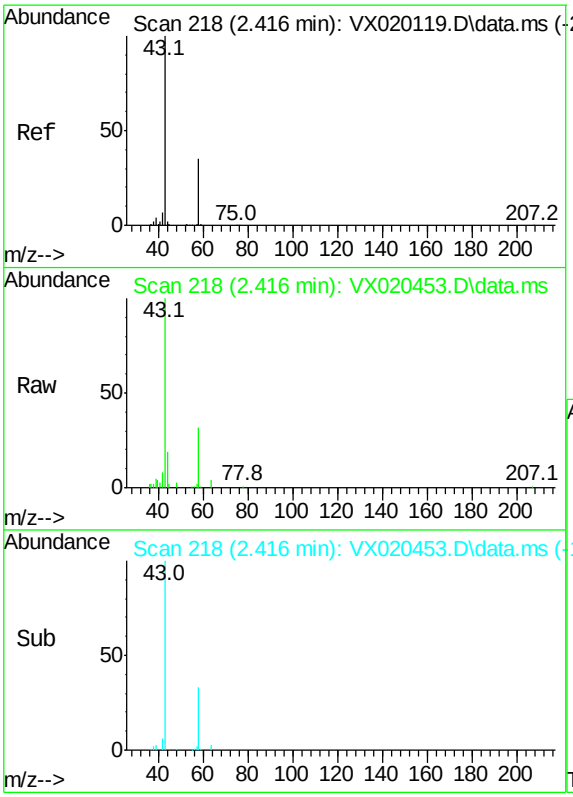
#11
Tert butyl alcohol
Concen: 32.52 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 59 Resp: 23276

Ion	Ratio	Lower	Upper
59	100		
57	19.9	7.8	11.8#



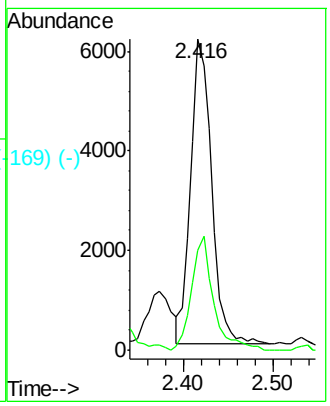
Instrument :
MSVOA_X
ClientSampleId :
31369

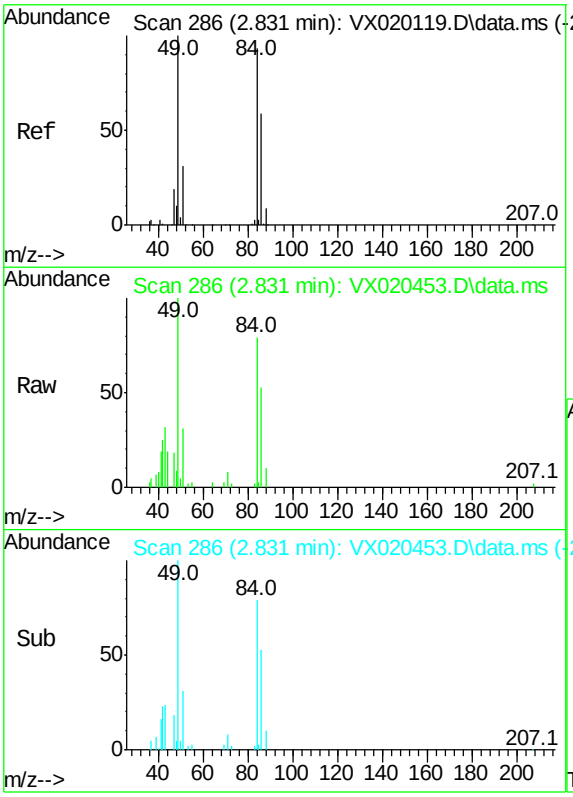


#16
Acetone
Concen: 6.85 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 43 Resp: 9978

Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.8	41.8

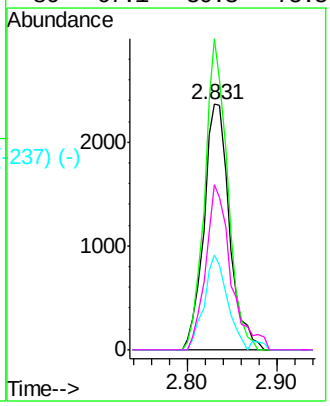




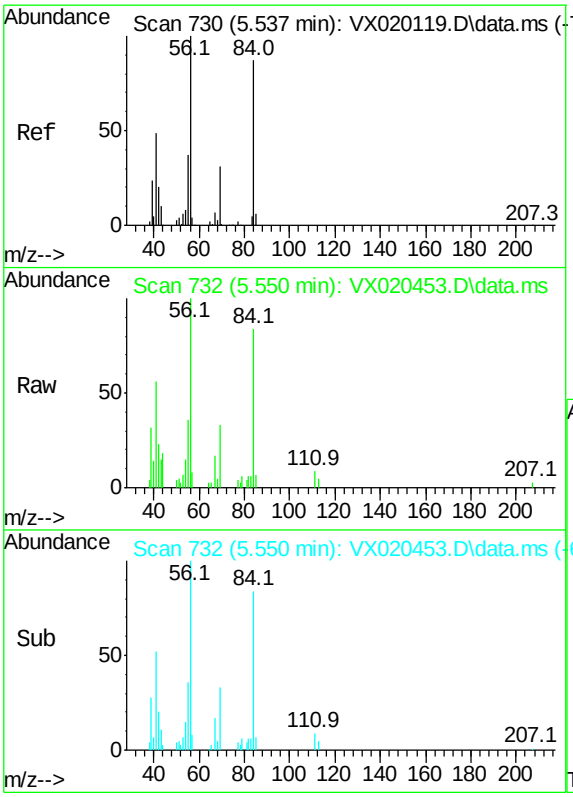
#20
Methylene Chloride
Concen: 1.42 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 84 Resp: 4674

Ion	Ratio	Lower	Upper
84	100		
49	126.8	88.6	132.8
51	38.7	27.0	40.6
86	67.1	50.3	75.5



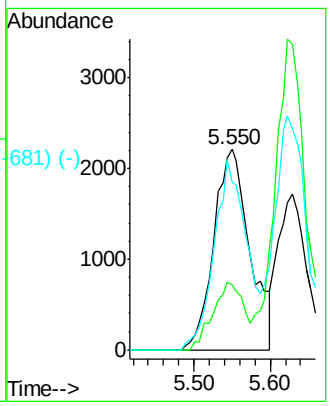
Instrument :
MSVOA_X
ClientSampleId :
31369

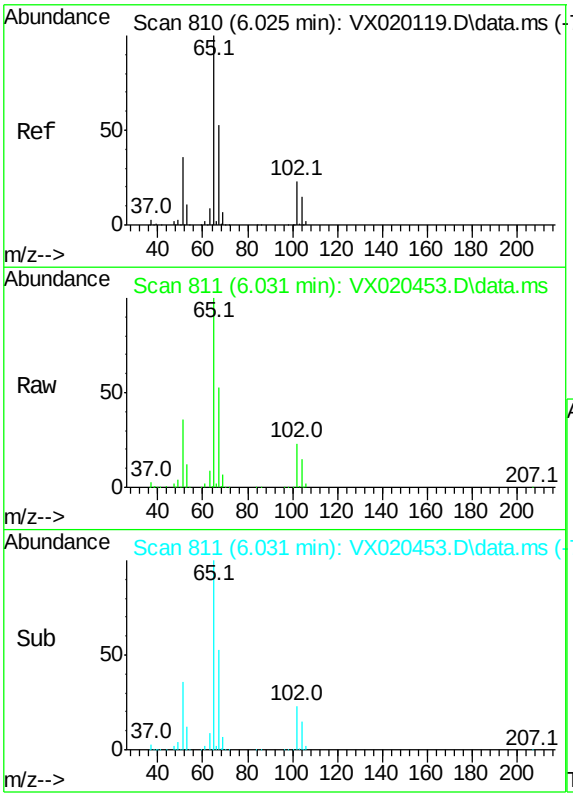


#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.013 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 56 Resp: 7251

Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.3	37.9
84	83.7	71.4	107.0

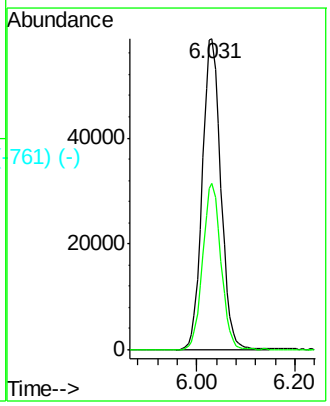




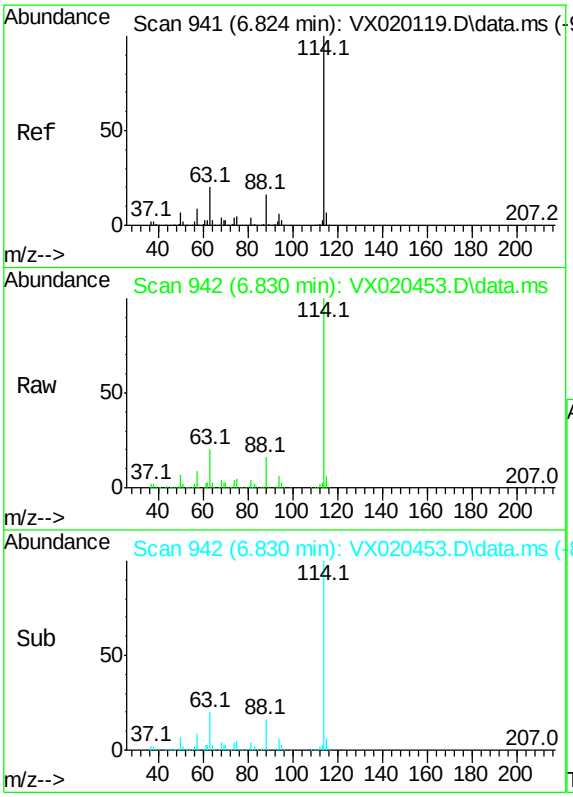
#33
1,2-Dichloroethane-d4
Concen: 48.16 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 65 Resp: 153937

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



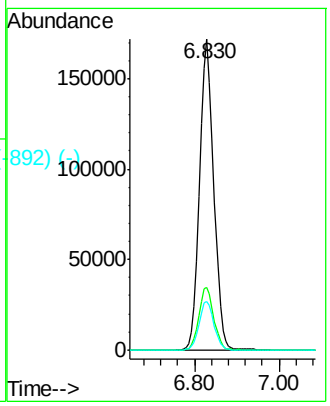
Instrument :
MSVOA_X
ClientSampleId :
31369

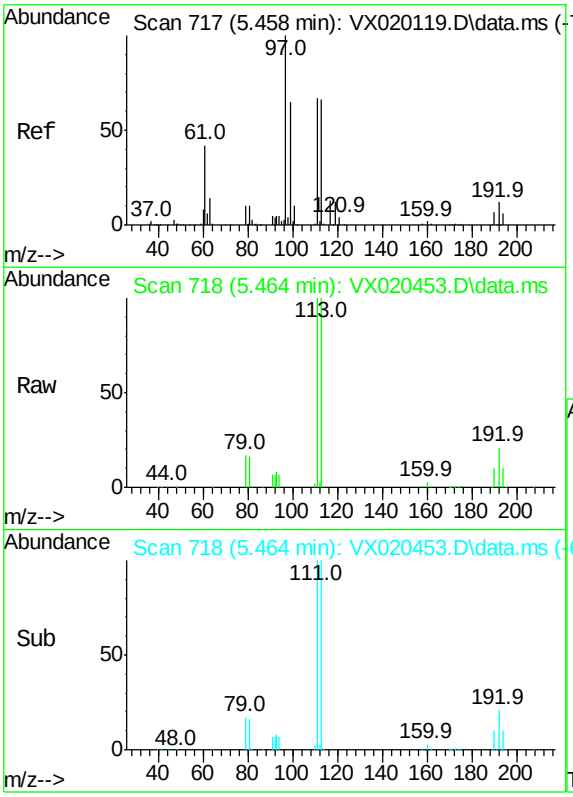


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:114 Resp: 389421

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.7	0.0	32.8

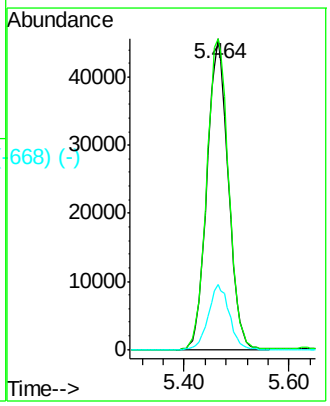




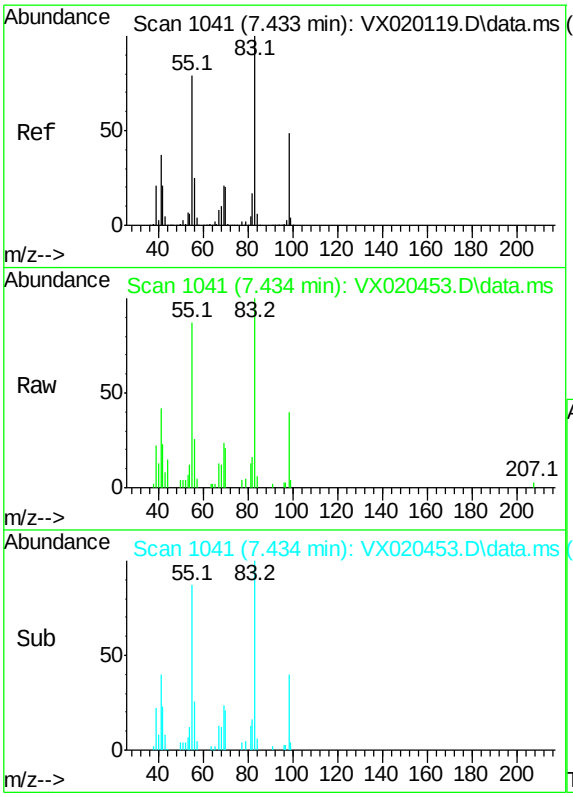
#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:113 Resp: 127789

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	20.5	16.7	25.1



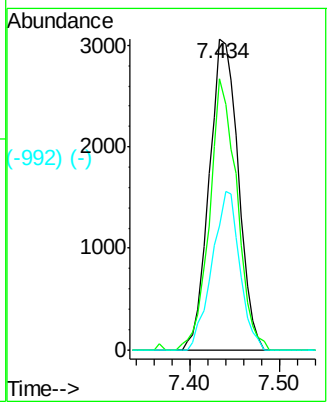
Instrument :
MSVOA_X
ClientSampleId :
31369

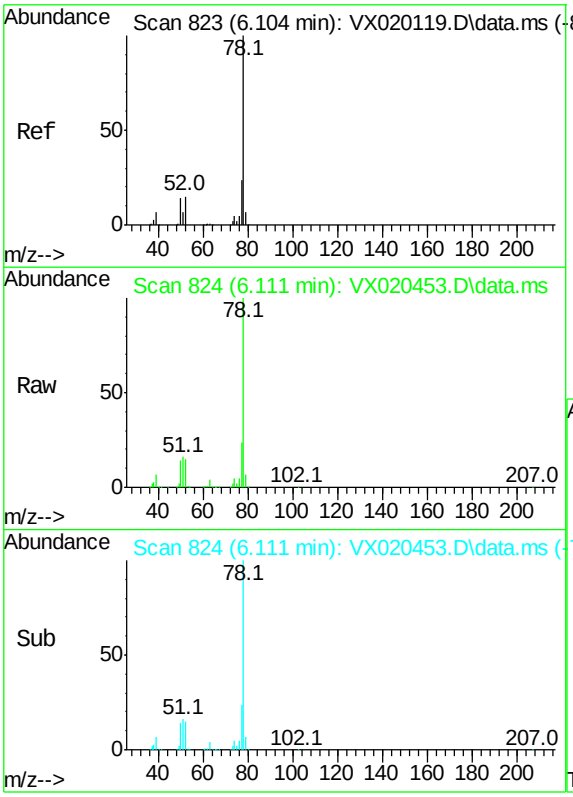


#39
Methylcyclohexane
Concen: 1.55 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 83 Resp: 6904

Ion	Ratio	Lower	Upper
83	100		
55	87.2	58.9	88.3
98	40.0	38.1	57.1

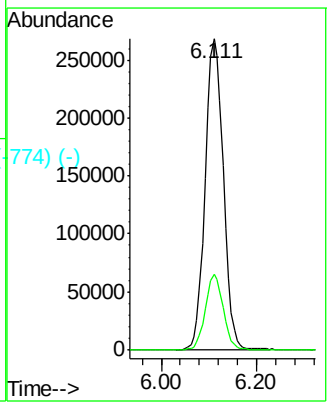




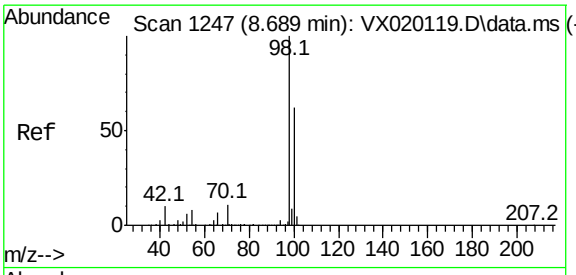
#40
Benzene
Concen: 58.82 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 78 Resp: 704671

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3



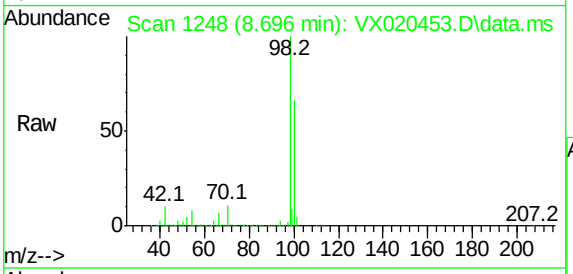
Instrument :
MSVOA_X
ClientSampleId :
31369

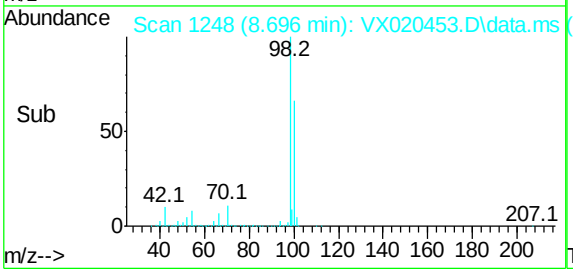


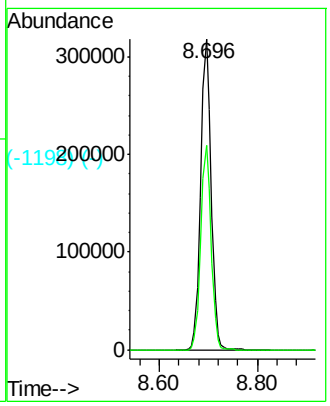
#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

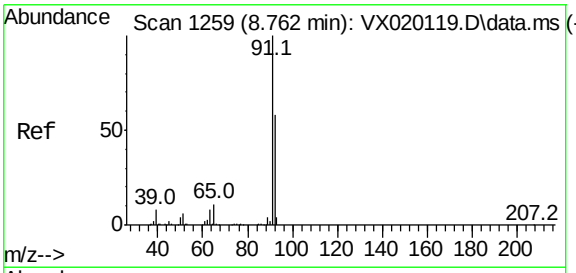
Tgt Ion: 98 Resp: 469521

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9





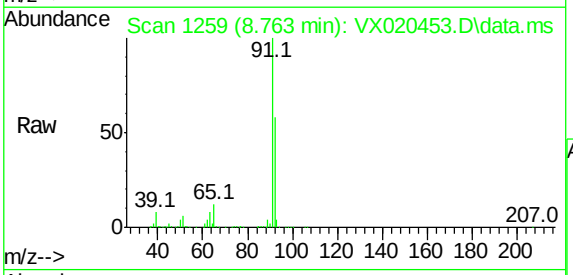


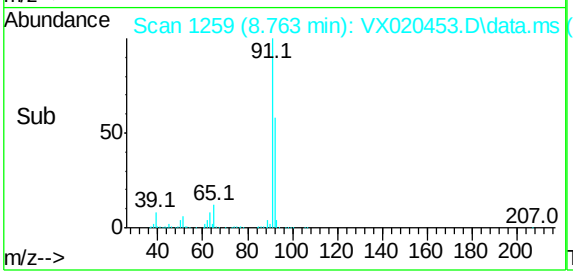


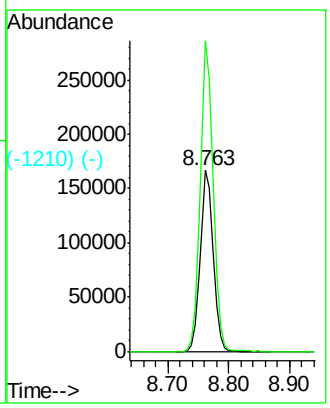
#52
Toluene
Concen: 34.88 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 92 Resp: 255031

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.1	205.7







Instrument :
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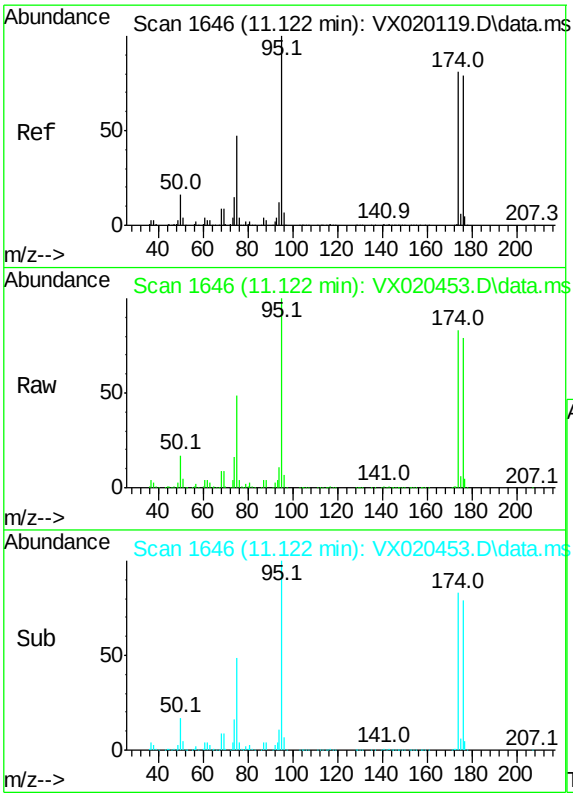
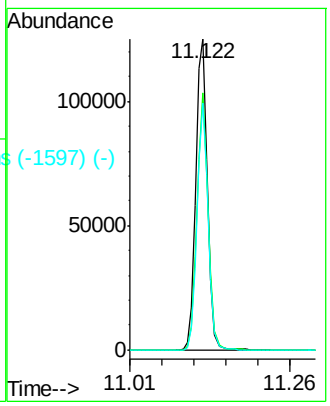
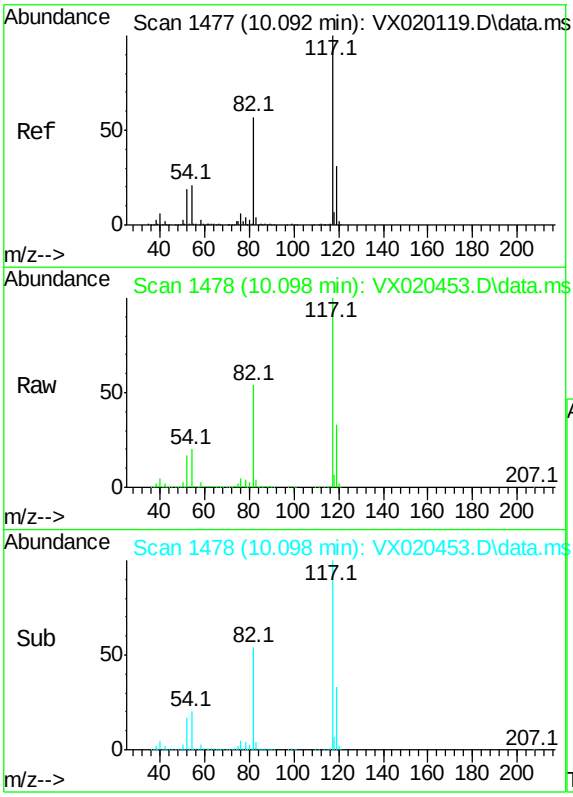


#62
4-Bromofluorobenzene
Concen: 43.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion: 95 Resp: 157868

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	154.6
176	75.7	0.0	155.8

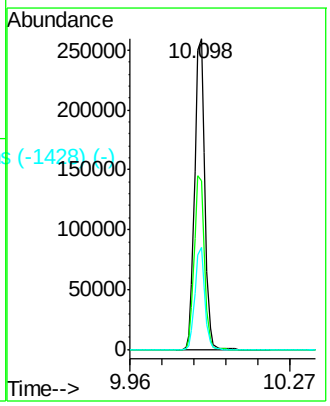




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:117 Resp: 359023

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	32.7	26.6	39.8



Instrument :
MSVOA_X
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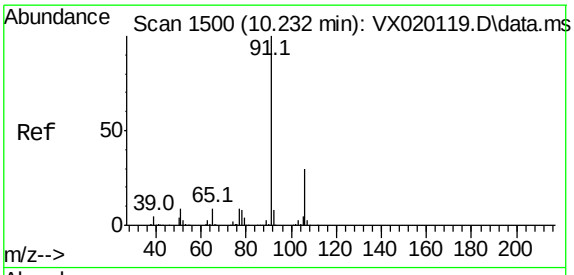
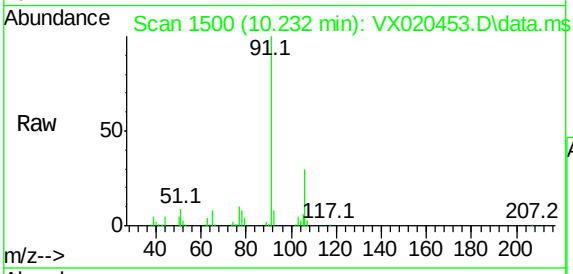
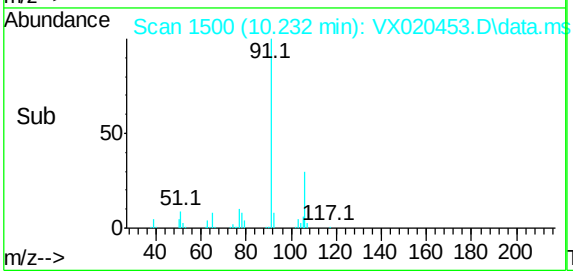


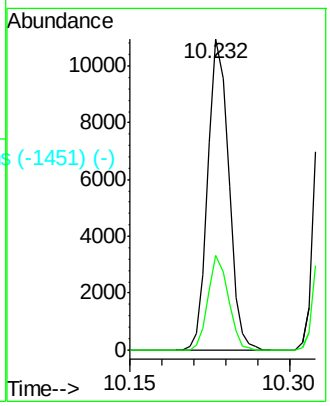
#67
Ethyl Benzene
Concen: 1.08 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

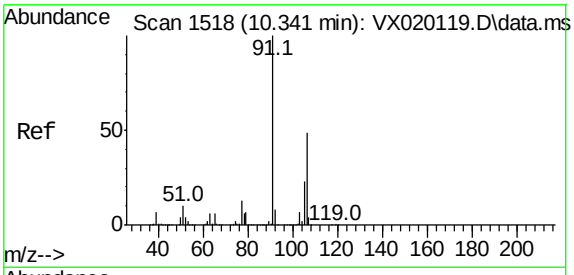
Tgt Ion: 91 Resp: 14507

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.6	37.0





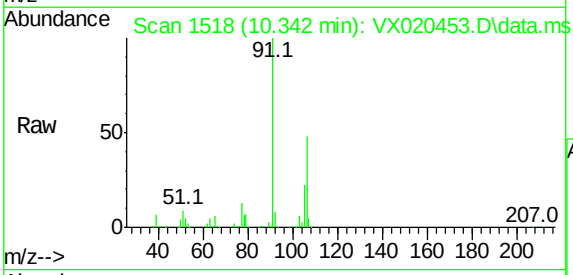


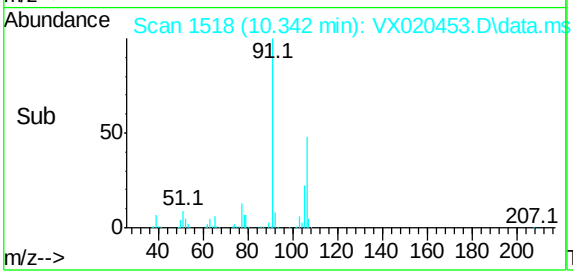


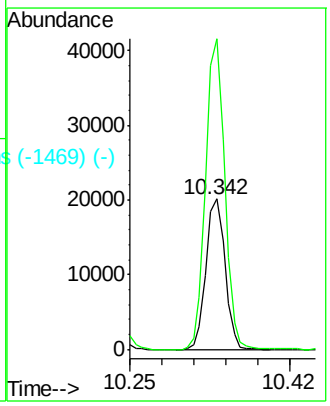
#68
m/p-Xylenes
Concen: 5.50 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:106 Resp: 27660

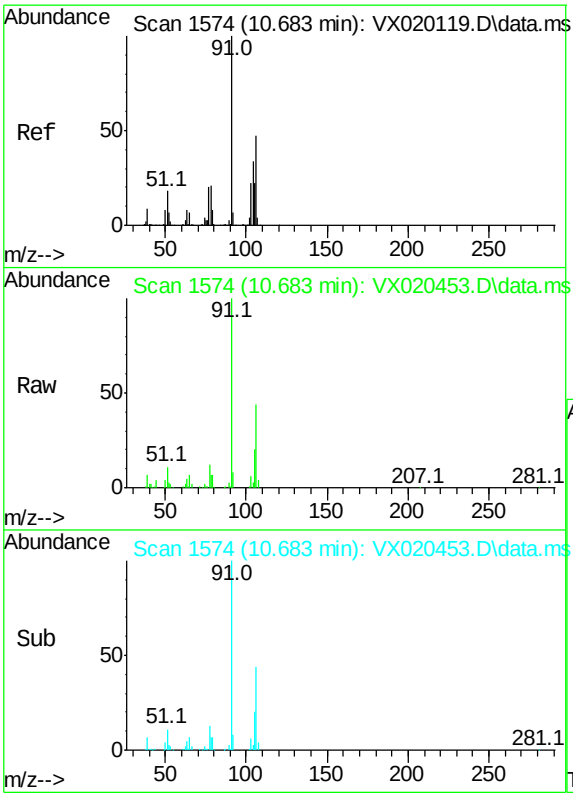
Ion	Ratio	Lower	Upper
106	100		
91	206.9	162.8	244.2







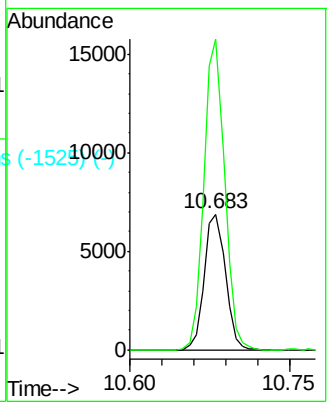
Instrument :
MSVOA_X
ClientSampleId :
31369

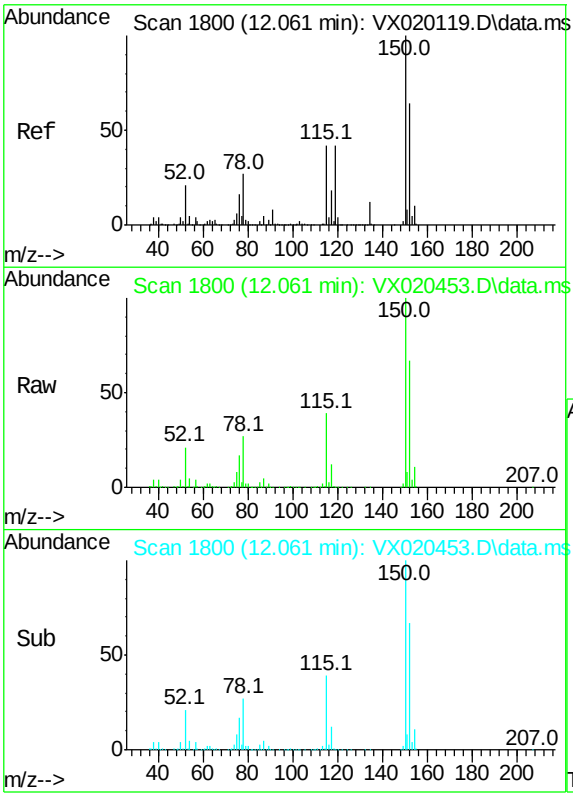


#60
o-Xylene
Concen: 1.91 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:106 Resp: 9245

Ion	Ratio	Lower	Upper
106	100		
91	222.8	108.1	324.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020453.D
Acq: 30 Dec 2020 14:12

Tgt Ion:152 Resp: 142321

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	158.2	0.0	349.0