Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
Data File : VX021257.D
Acq On : 16 Mar 2021 20:17
Operator : JC/MD
Sample : M1694-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JG-W

Quant Time: Mar 17 02:44:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	86244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	137512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57163	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63745	45.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.12%			
35) Dibromofluoromethane	5.470	113	45231	48.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.68%			
50) Toluene-d8	8.694	98	168716	49.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.38%			
62) 4-Bromofluorobenzene	11.118	95	62857	47.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.34%			
Target Compounds						Qvalue
16) Acetone	2.423	43	27067	52.00	ug/l	89
25) 2-Butanone	4.635	43	43588	54.46	ug/l	91
30) Chloroform	5.176	83	112322	57.39	ug/l	99
47) Bromodichloromethane	7.876	83	6985	4.64	ug/l	93
52) Toluene	8.765	92	15077	6.39	ug/l	97
67) Ethyl Benzene	10.235	91	65649	14.43	ug/l	99
68) m/p-Xylenes	10.341	106	100059	61.54	ug/l	92
69) o-Xylene	10.682	106	49047	31.04	ug/l	93
86) p-Isopropyltoluene	12.047	119	1560287	422.36	ug/l	97

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

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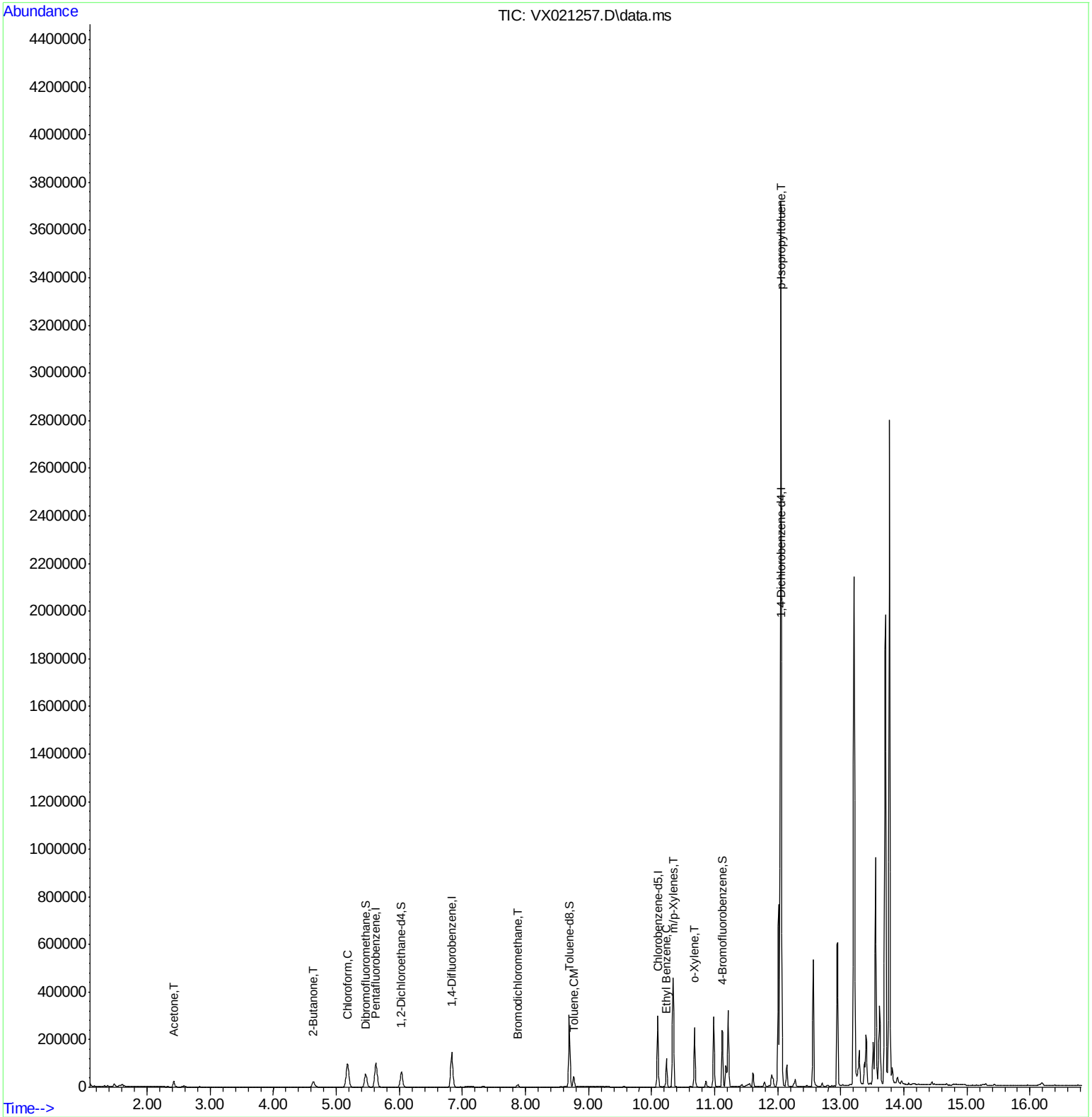
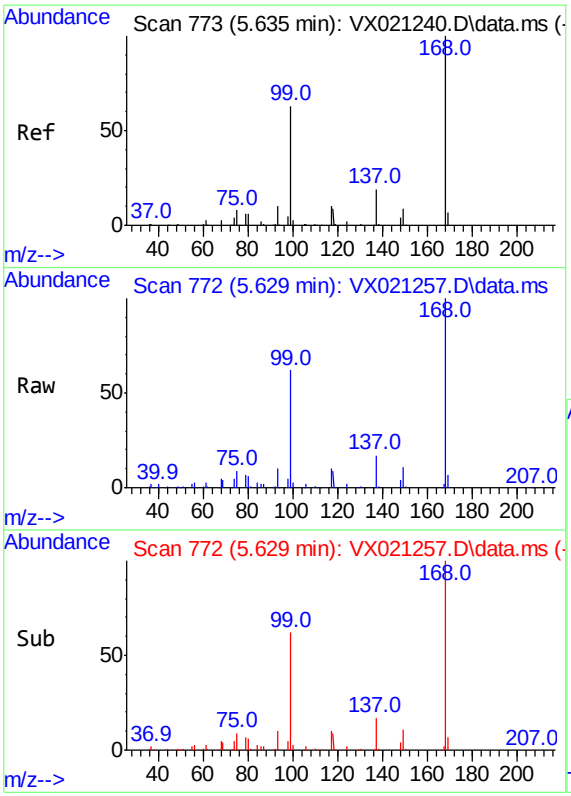
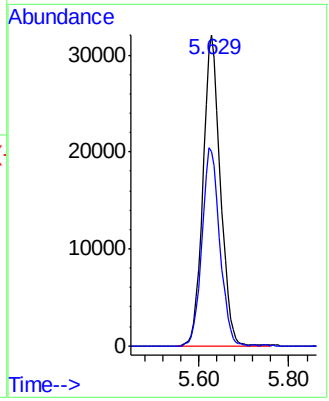




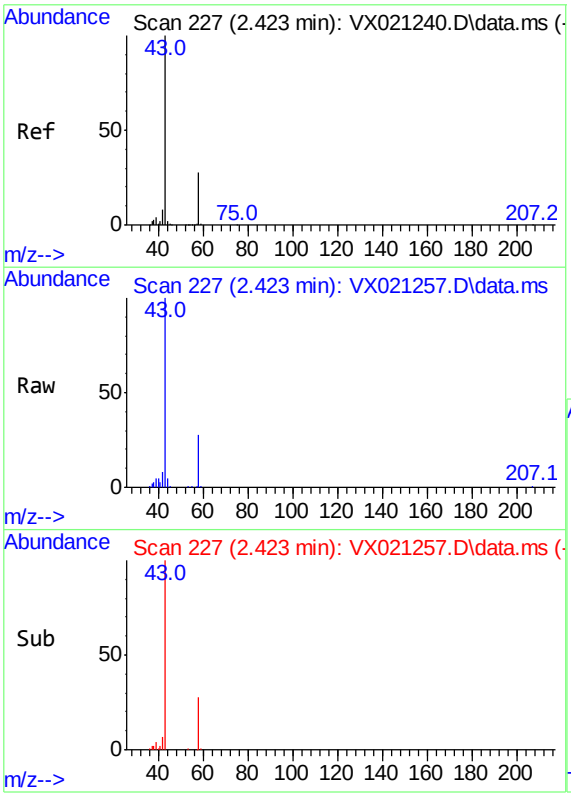
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:168 Resp: 86244

Ion	Ratio	Lower	Upper
168	100		
99	62.3	45.8	68.6



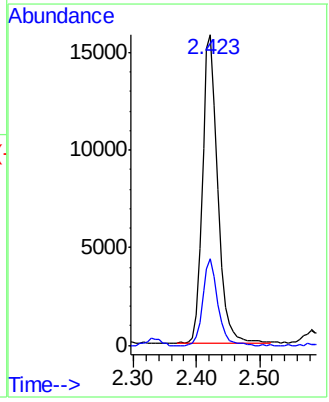
Instrument :
MSVOA_X
ClientSampleId :
JG-W



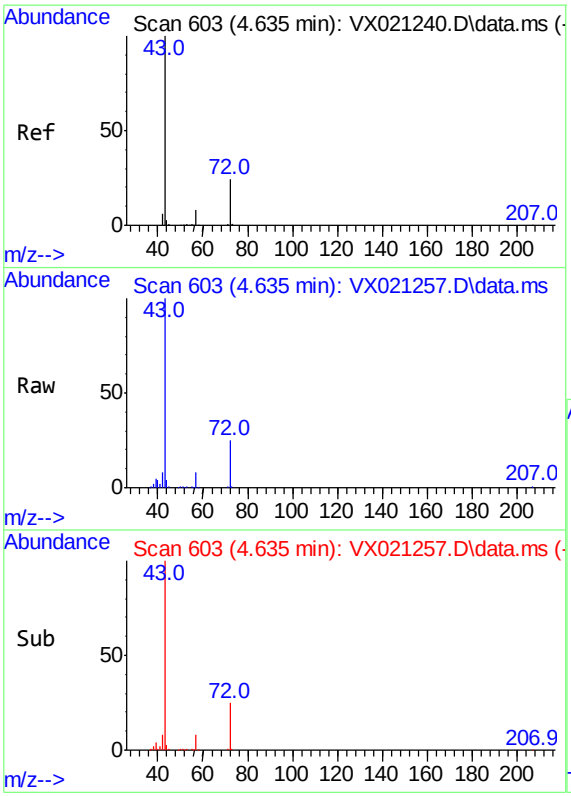
#16
Acetone
Concen: 52.00 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 43 Resp: 27067

Ion	Ratio	Lower	Upper
43	100		
58	28.2	27.8	41.8



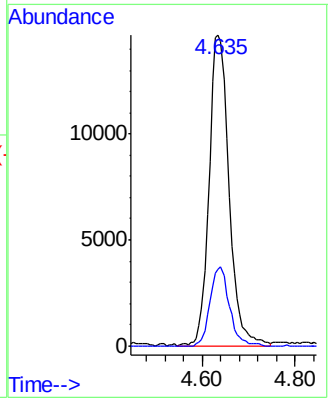
Instrument :
MSVOA_X
ClientSampleId :
JG-W

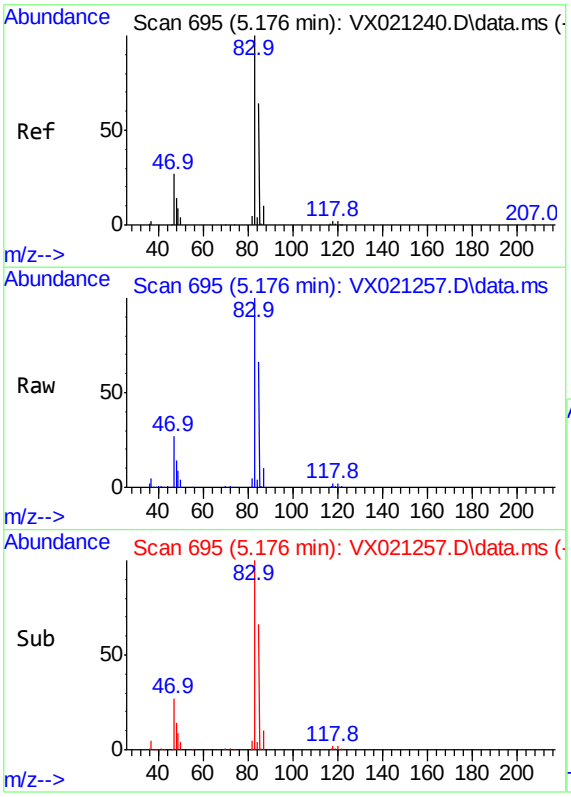


#25
2-Butanone
Concen: 54.46 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 43 Resp: 43588

Ion	Ratio	Lower	Upper
43	100		
72	24.6	23.7	35.5

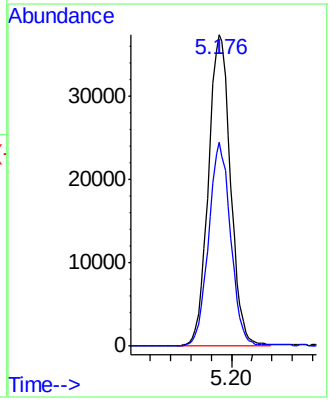


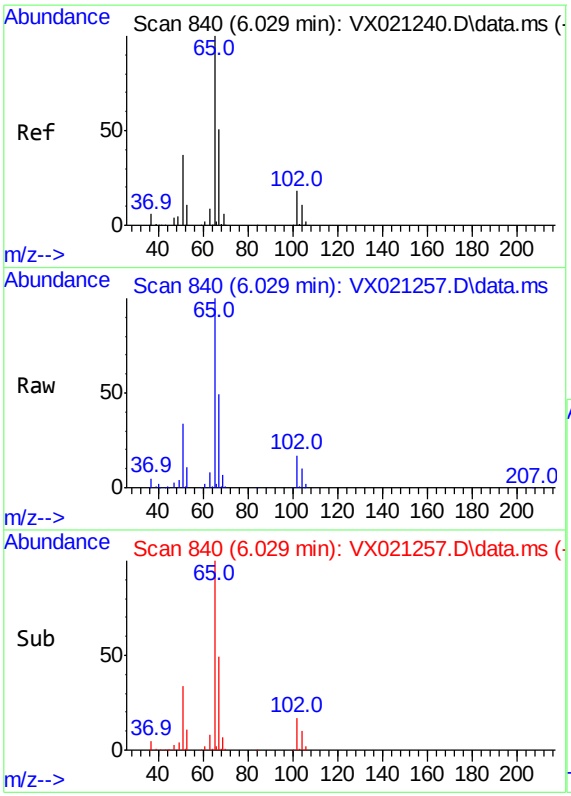


#30
Chloroform
Concen: 57.39 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 83 Resp: 112322

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0

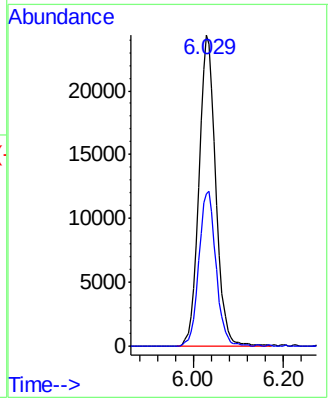




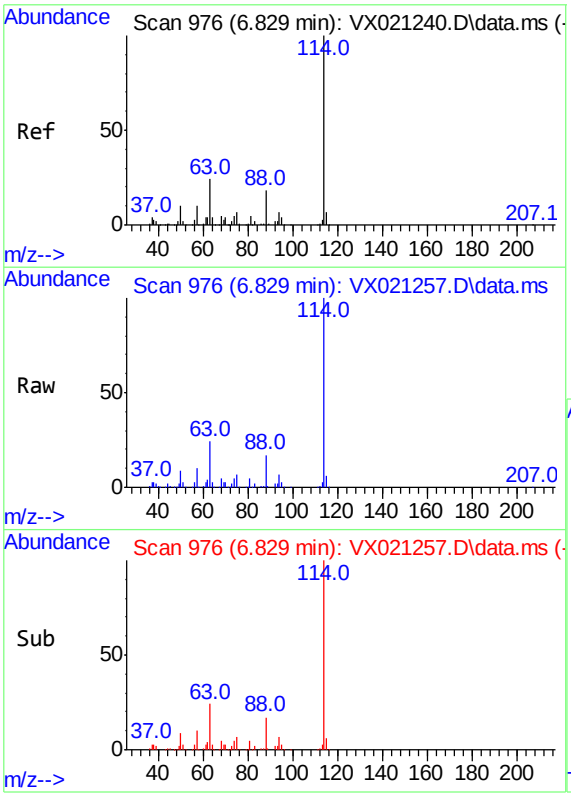
#33
1,2-Dichloroethane-d4
Concen: 45.06 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 65 Resp: 63745

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.4



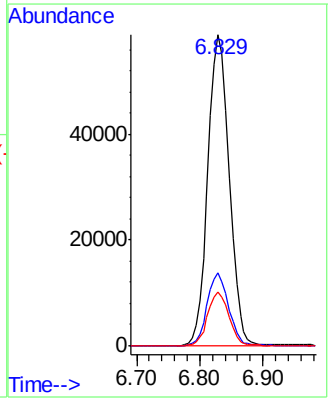
Instrument :
MSVOA_X
ClientSampleId :
JG-W



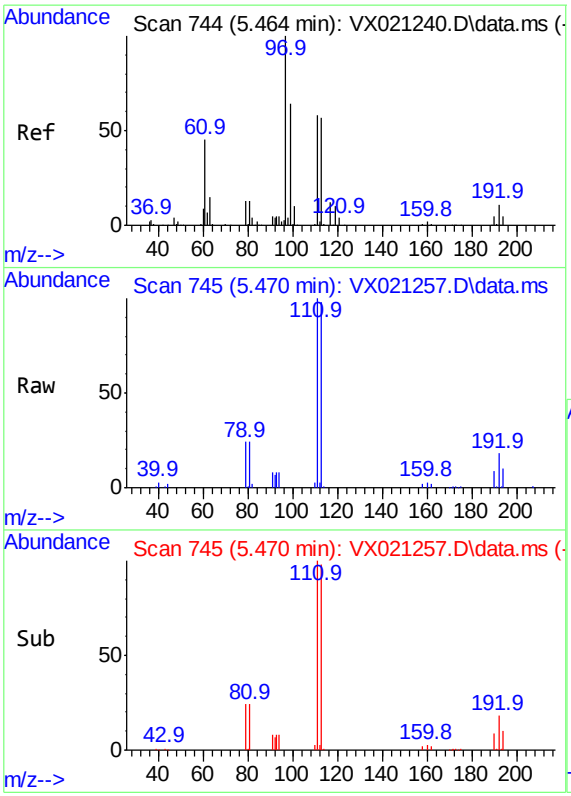
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:114 Resp: 137512

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	40.8
88	17.3	0.0	32.8



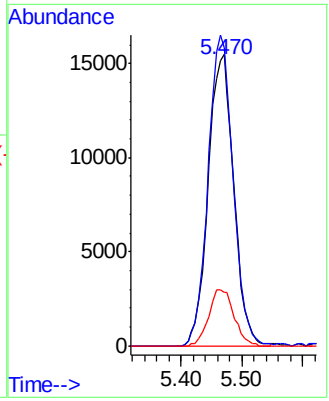
Instrument :
MSVOA_X
ClientSampleId :
JG-W

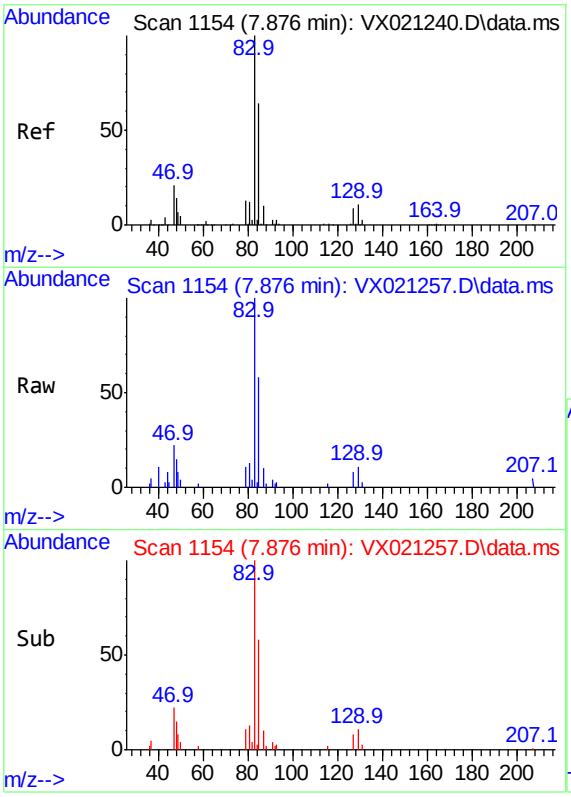


#35
Dibromofluoromethane
Concen: 48.34 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:113 Resp: 45231

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	19.2	16.7	25.1

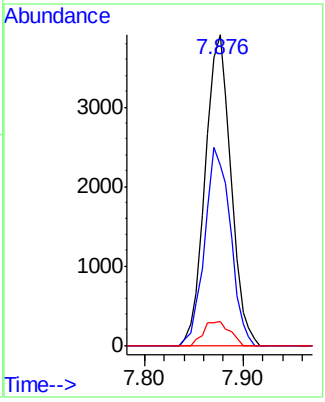


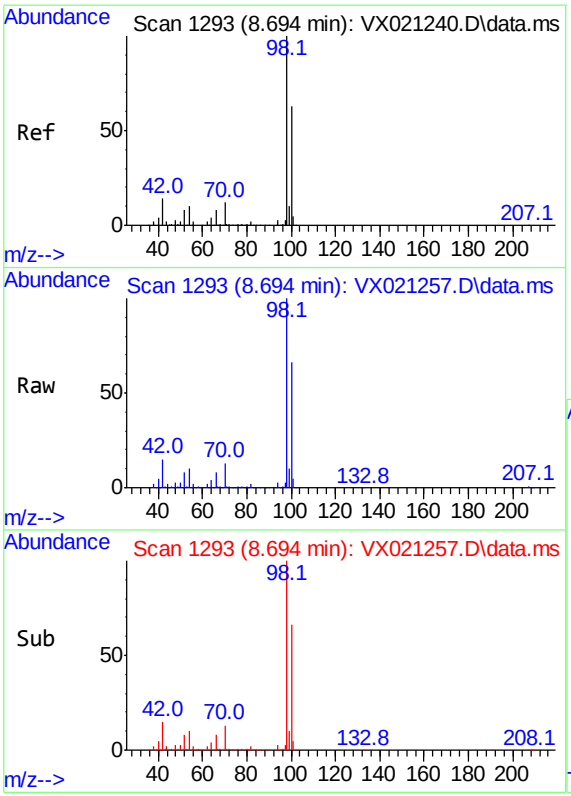


#47
Bromodichloromethane
Concen: 4.64 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 83 Resp: 6985

Ion	Ratio	Lower	Upper
83	100		
85	57.8	51.4	77.0
127	7.7	6.8	10.2

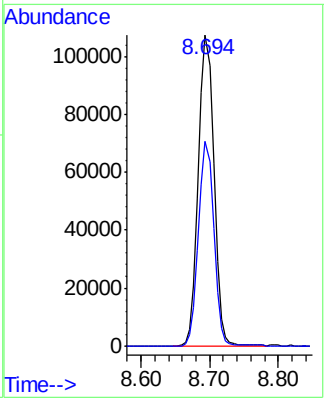




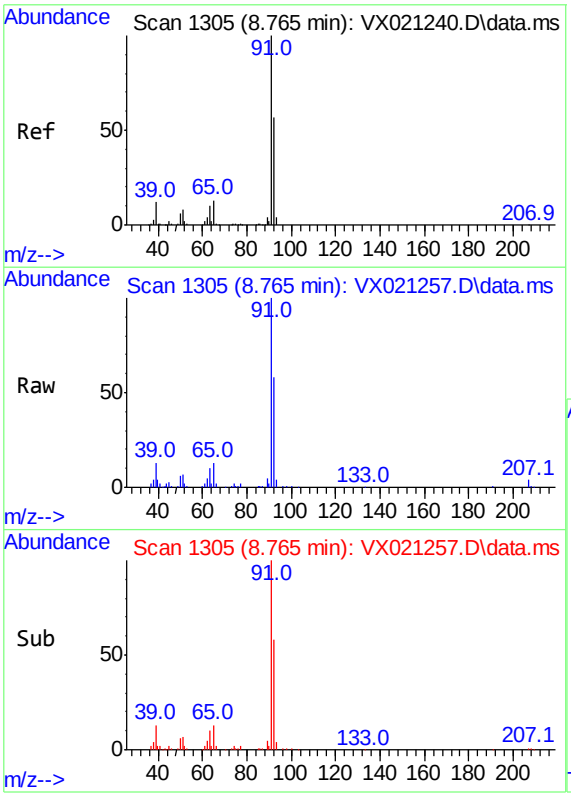
#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 98 Resp: 168716

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9



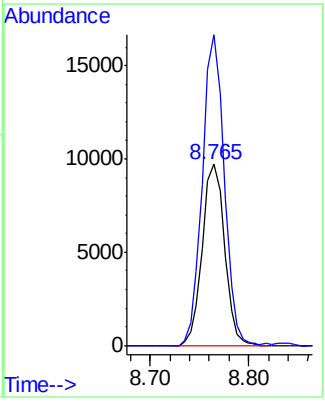
Instrument :
MSVOA_X
ClientSampleId :
JG-W



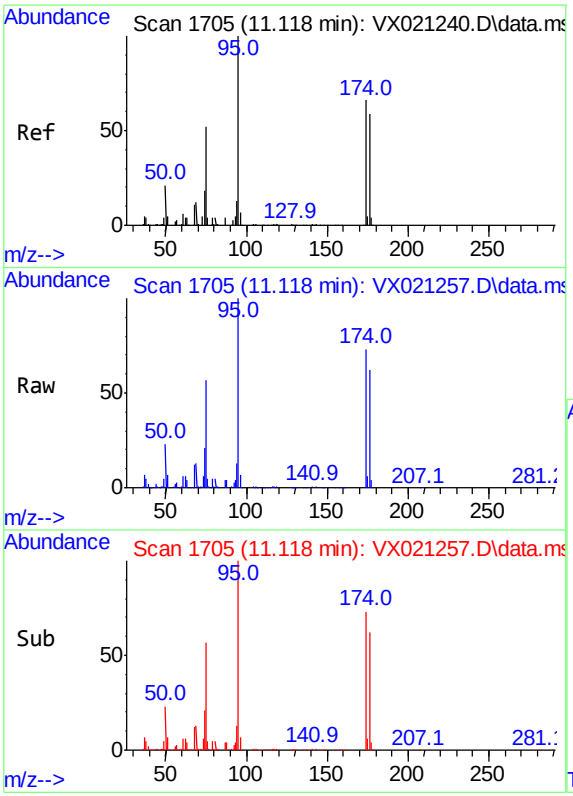
#52
Toluene
Concen: 6.39 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 92 Resp: 15077

Ion	Ratio	Lower	Upper
92	100		
91	167.9	137.1	205.7



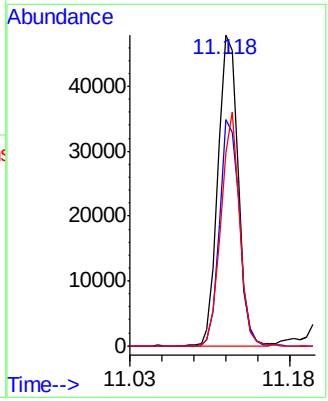
Instrument :
MSVOA_X
ClientSampleId :
JG-W

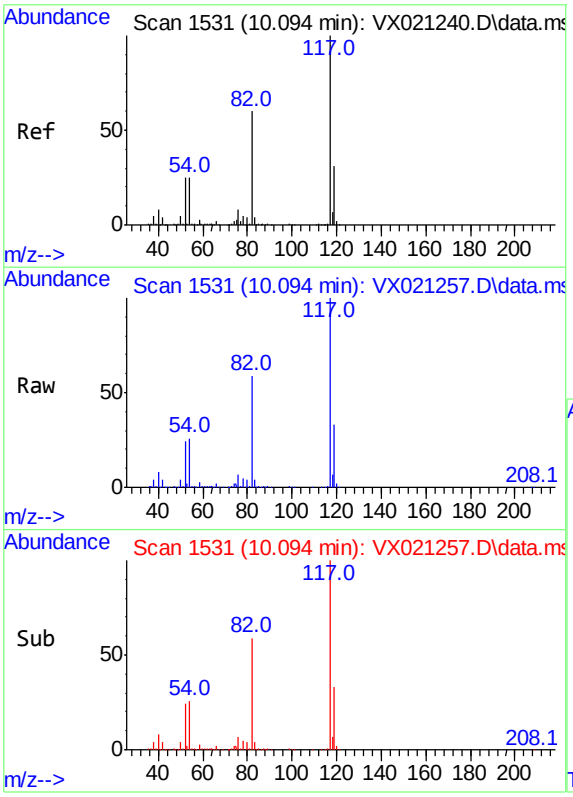


#62
4-Bromofluorobenzene
Concen: 47.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 95 Resp: 62857

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	154.6
176	69.4	0.0	155.8

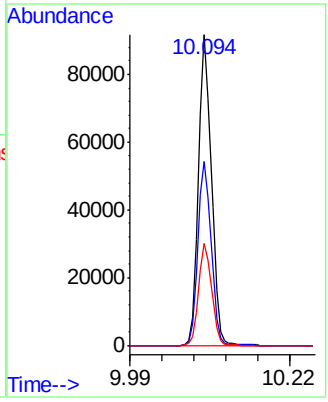




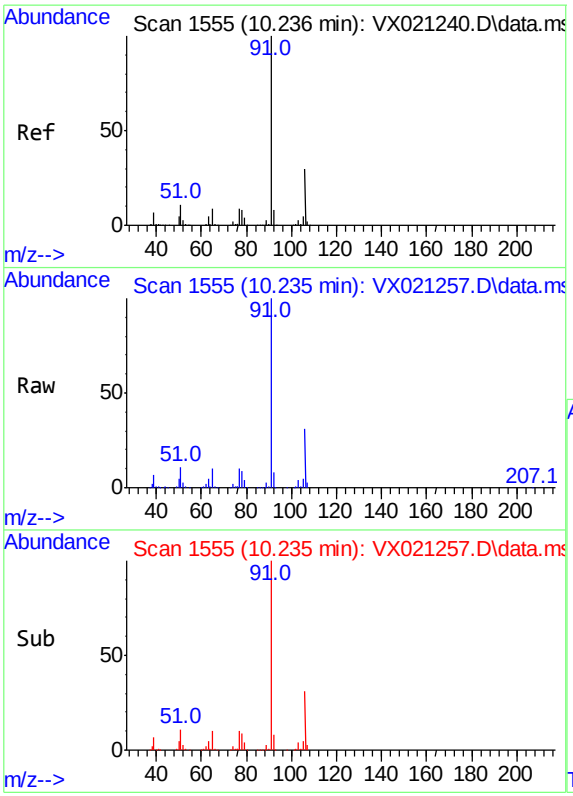
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:117 Resp: 119698

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	32.7	26.6	39.8



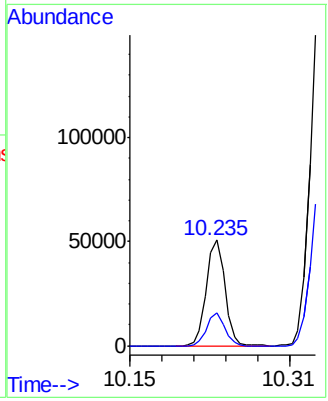
Instrument :
MSVOA_X
ClientSampleId :
JG-W

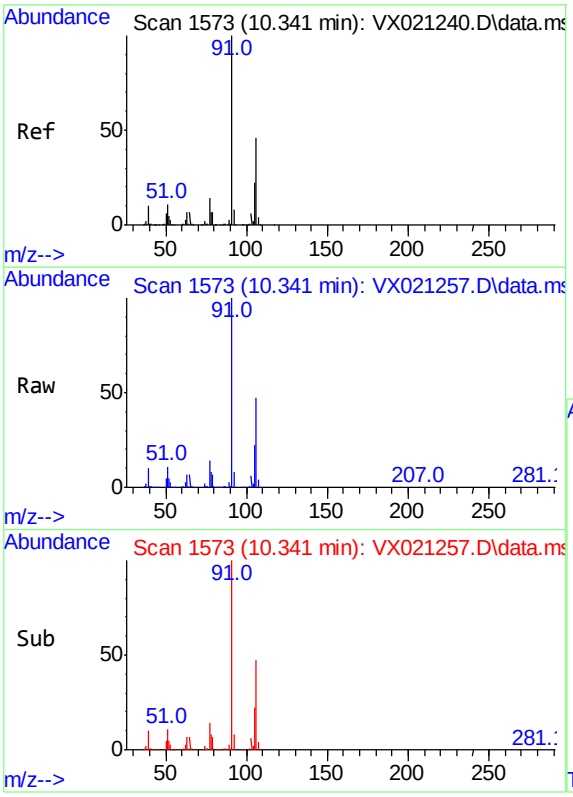


#67
Ethyl Benzene
Concen: 14.43 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion: 91 Resp: 65649

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	37.0

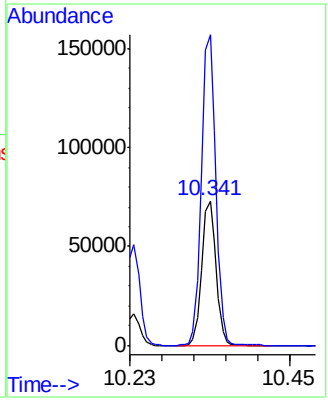




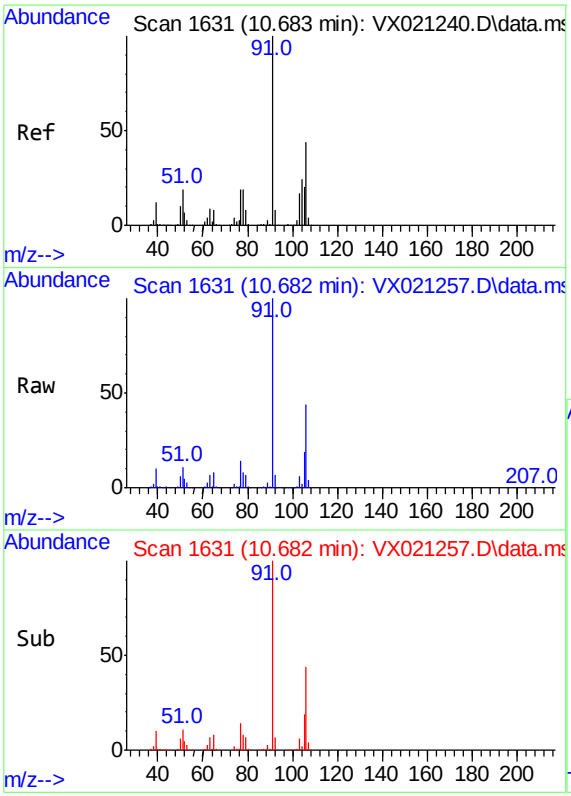
#68
m/p-Xylenes
Concen: 61.54 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:106 Resp: 100059

Ion	Ratio	Lower	Upper
106	100		
91	215.9	162.8	244.2



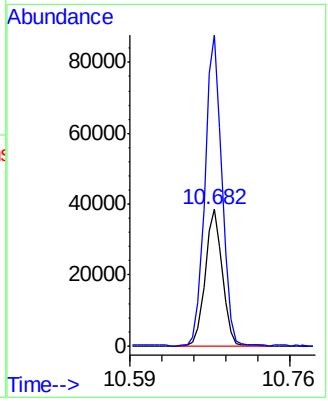
Instrument :
MSVOA_X
ClientSampleId :
JG-W

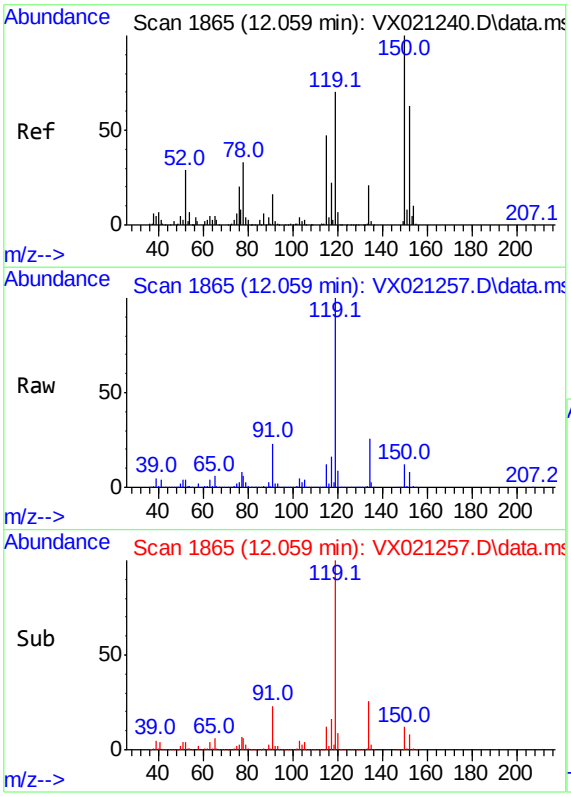


#69
o-Xylene
Concen: 31.04 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:106 Resp: 49047

Ion	Ratio	Lower	Upper
106	100		
91	227.8	108.1	324.2

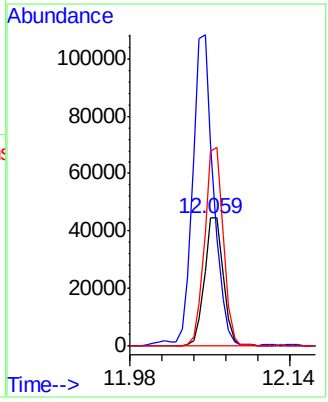


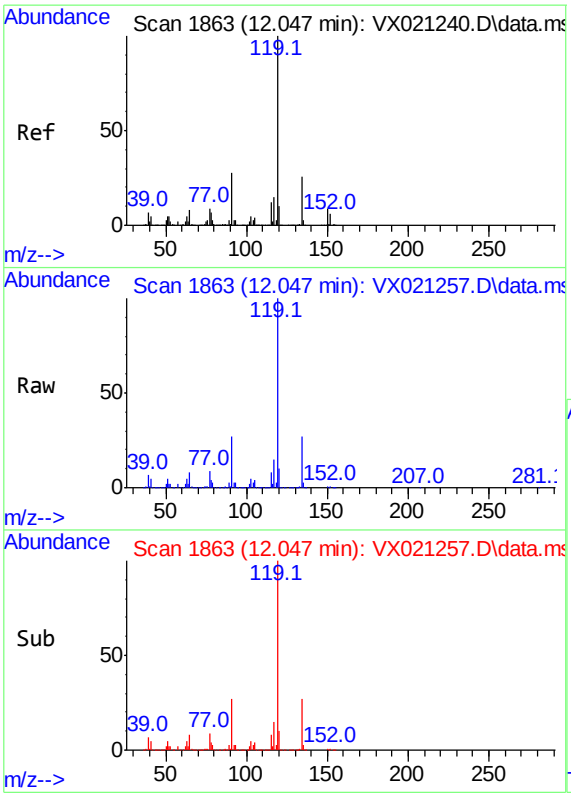


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:152 Resp: 57163

Ion	Ratio	Lower	Upper
152	100		
115	277.0	41.1	123.3#
150	154.4	0.0	349.0

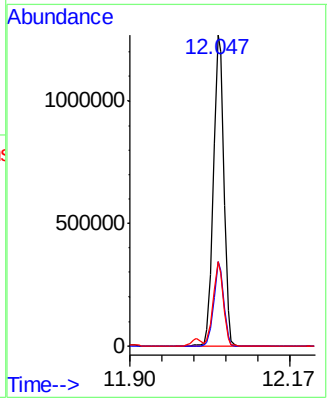




#86
p-Isopropyltoluene
Concen: 422.36 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021257.D
Acq: 16 Mar 2021 20:17

Tgt Ion:119 Resp: 1560287

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	26.1	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
JG-W