Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020451.D
Acq On : 30 Dec 2020 13:26
Operator : JC/MD
Sample : L5222-01 50X
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 31371

Quant Time: Dec 31 01:05:49 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

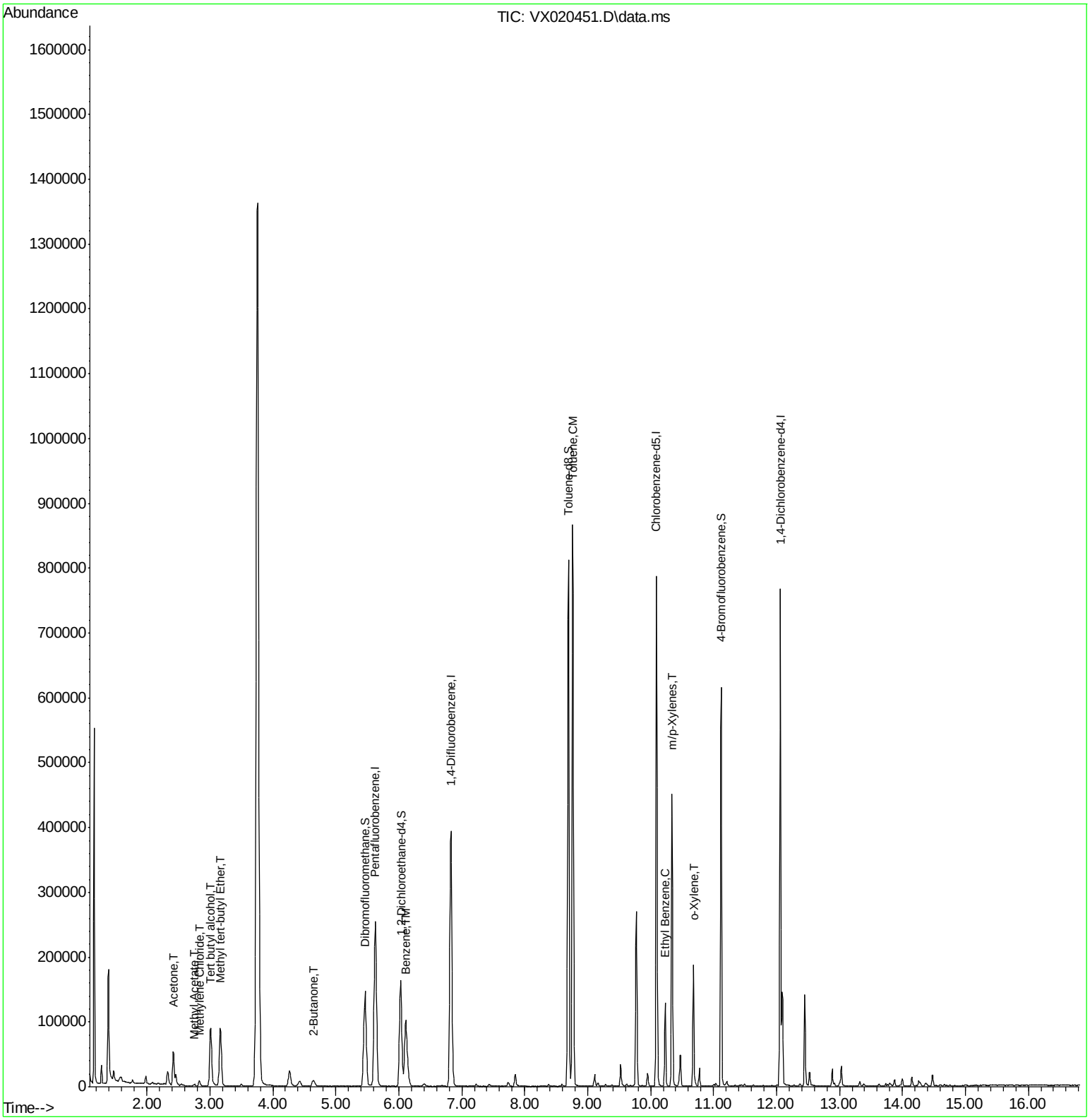
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	242057	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	399019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	367074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	155025	47.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.56%			
35) Dibromofluoromethane	5.464	113	128107	50.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.38%			
50) Toluene-d8	8.696	98	481249	48.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.96%			
62) 4-Bromofluorobenzene	11.122	95	168282	44.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	37788	52.01	ug/l	95
16) Acetone	2.416	43	54706	36.97	ug/l	99
18) Methyl Acetate	2.745	43	3718	1.13	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	98144	10.60	ug/l	100
20) Methylene Chloride	2.831	84	3949	1.18	ug/l	95
25) 2-Butanone	4.641	43	12727	5.91	ug/l	99
40) Benzene	6.111	78	123301	10.04	ug/l	99
52) Toluene	8.763	92	322489	43.05	ug/l	99
67) Ethyl Benzene	10.232	91	73511	5.34	ug/l	99
68) m/p-Xylenes	10.342	106	106425	20.71	ug/l	97
69) o-Xylene	10.683	106	40085	8.10	ug/l	98

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

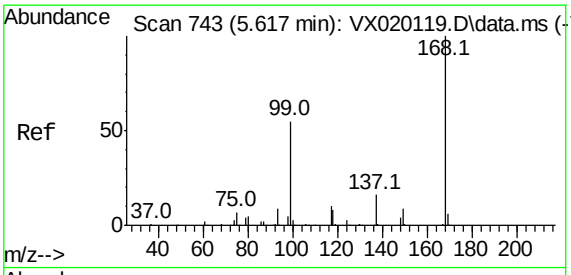
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020451.D
Acq On : 30 Dec 2020 13:26
Operator : JC/MD
Sample : L5222-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31371

Quant Time: Dec 31 01:05:49 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



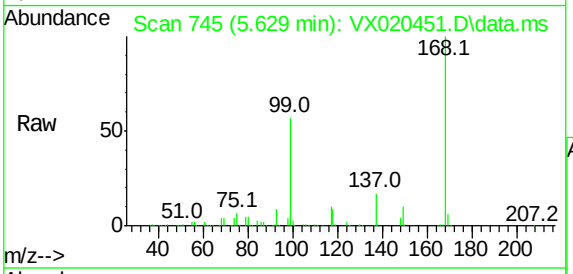
Instrument :
MSVOA_X
ClientSampleId :
31371

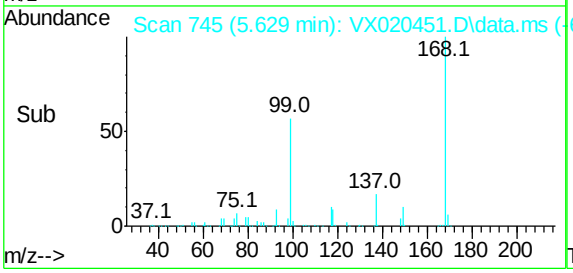


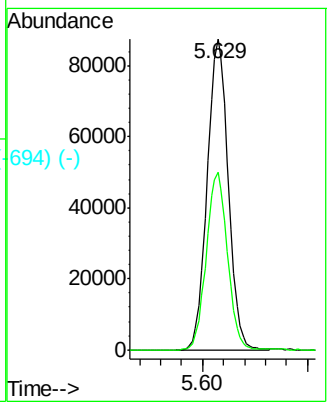
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

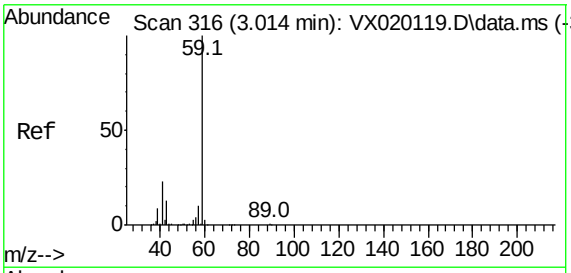
Tgt Ion:168 Resp: 242057

Ion	Ratio	Lower	Upper
168	100		
99	57.3	45.8	68.6





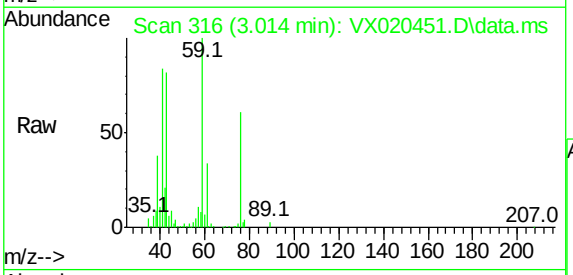


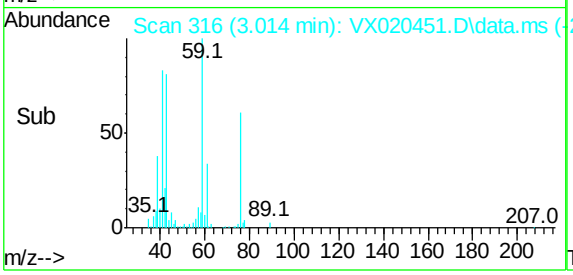


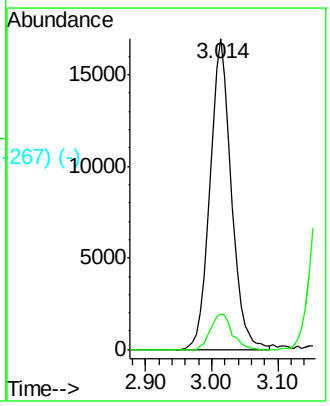
#11
Tert butyl alcohol
Concen: 52.01 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 59 Resp: 37788

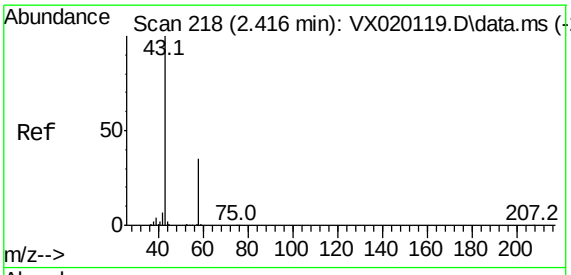
Ion	Ratio	Lower	Upper
59	100		
57	11.5	7.8	11.8







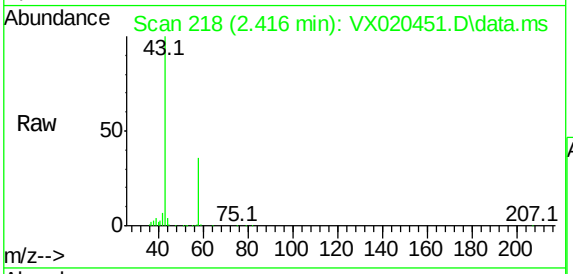
Instrument :
MSVOA_X
ClientSampleId :
31371

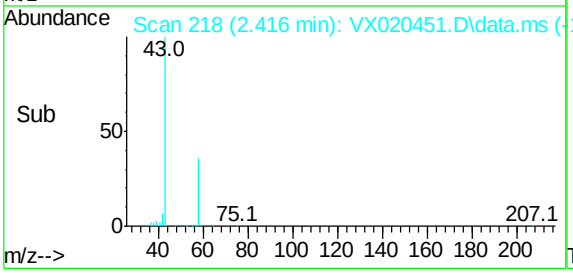


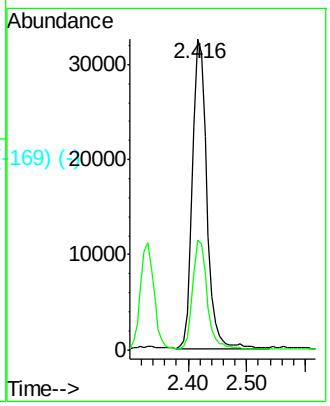
#16
Acetone
Concen: 36.97 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

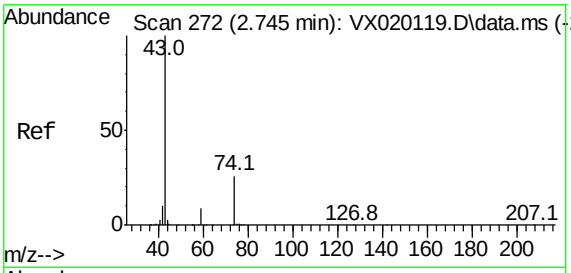
Tgt Ion: 43 Resp: 54706

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.8	41.8





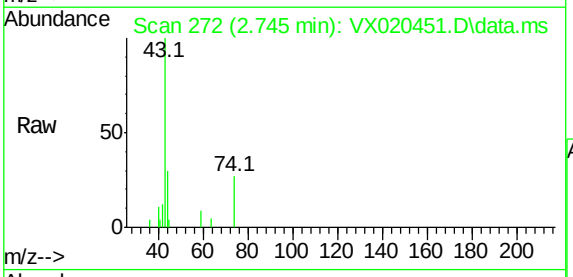


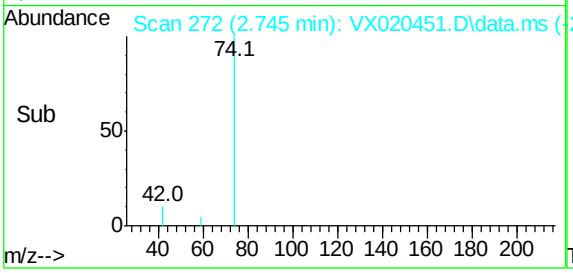


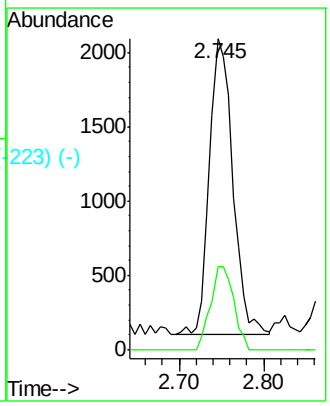
#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

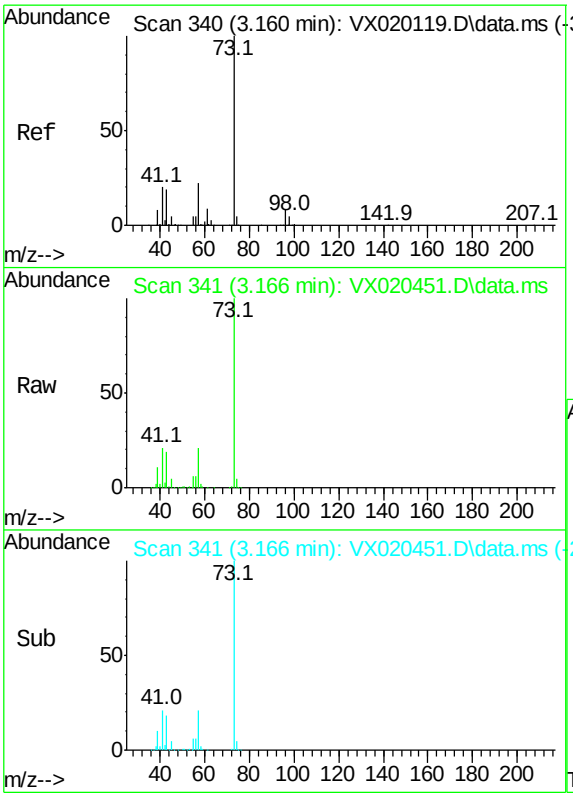
Tgt Ion: 43 Resp: 3718

Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.9	32.9





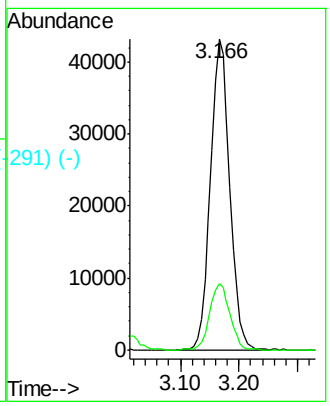




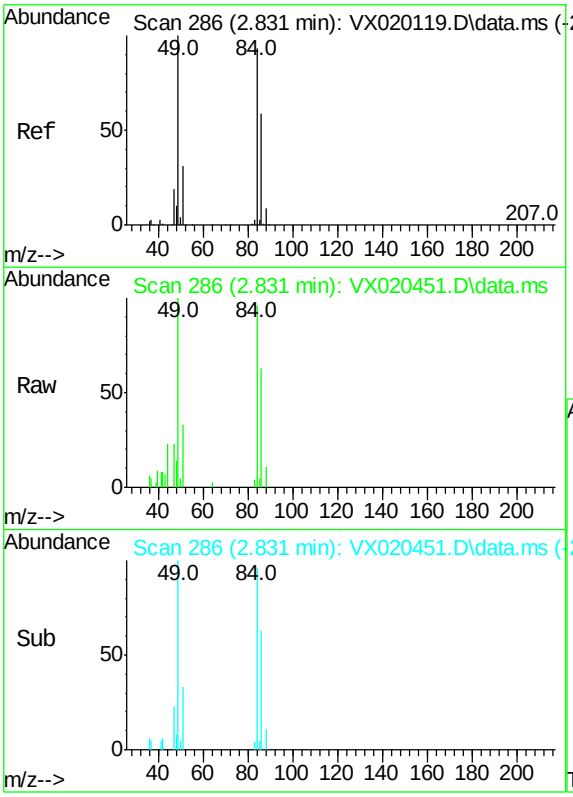
#19
Methyl tert-butyl Ether
Concen: 10.60 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 73 Resp: 98144

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7



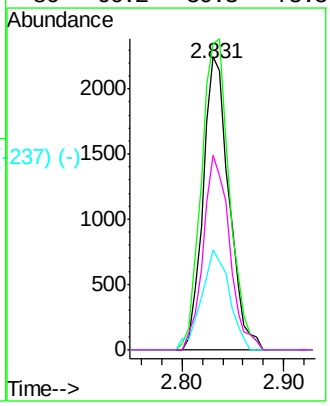
Instrument :
MSVOA_X
ClientSampleId :
31371



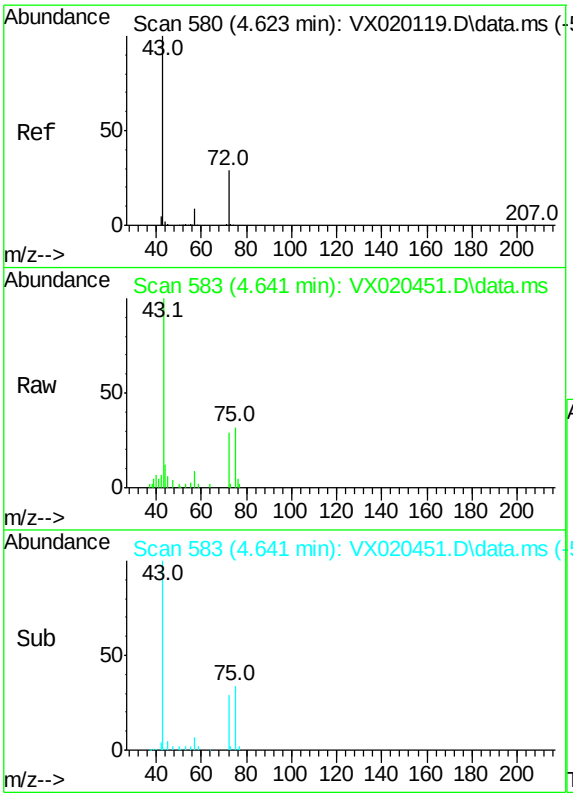
#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 84 Resp: 3949

Ion	Ratio	Lower	Upper
84	100		
49	104.3	88.6	132.8
51	34.2	27.0	40.6
86	66.2	50.3	75.5



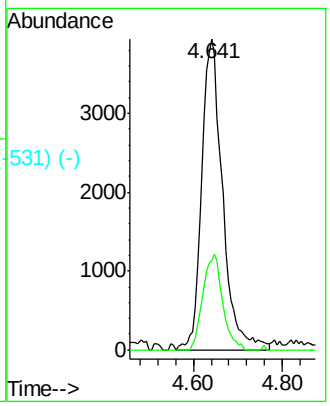
Instrument :
MSVOA_X
ClientSampleId :
31371

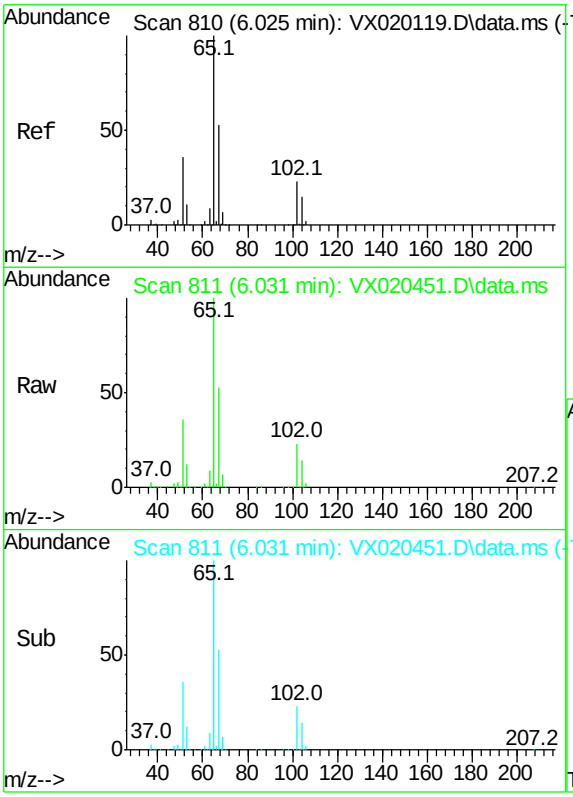


#35
2-Butanone
Concen: 5.91 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 43 Resp: 12727

Ion	Ratio	Lower	Upper
43	100		
72	28.8	23.7	35.5

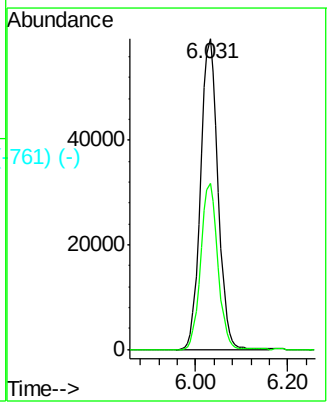


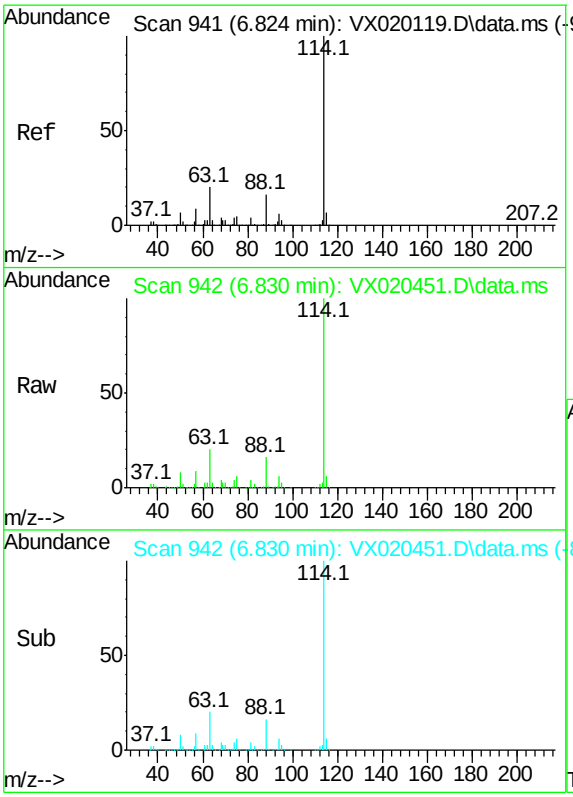


#33
1,2-Dichloroethane-d4
Concen: 47.78 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 65 Resp: 155025

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

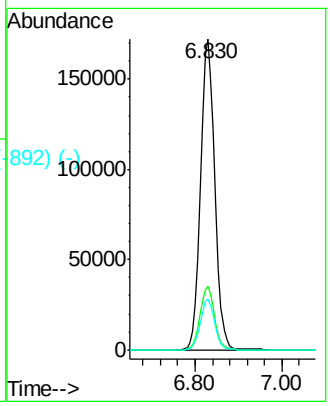




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:114 Resp: 399019

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.4	0.0	32.8



Instrument :
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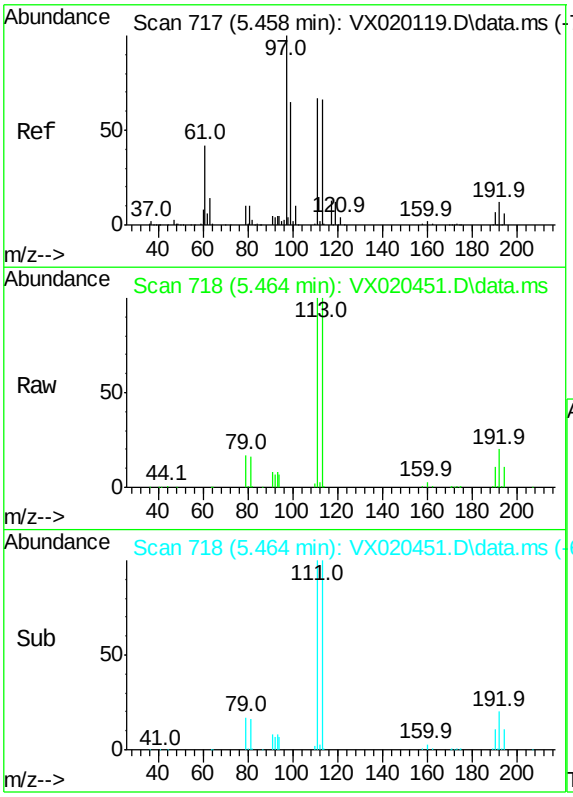
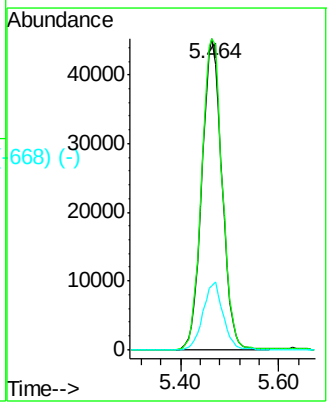
31371



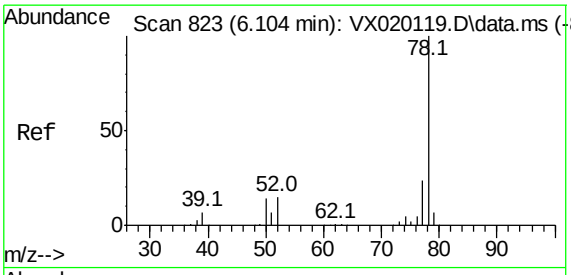
#35
Dibromofluoromethane
Concen: 50.19 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:113 Resp: 128107

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	21.2	16.7	25.1



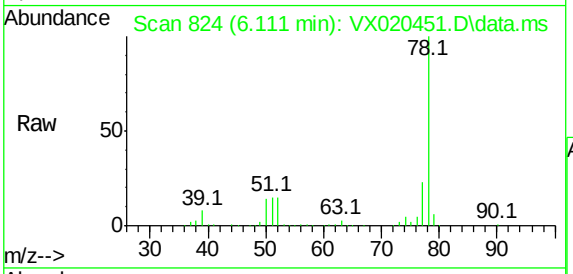
Instrument :
MSVOA_X
ClientSampleId :
31371

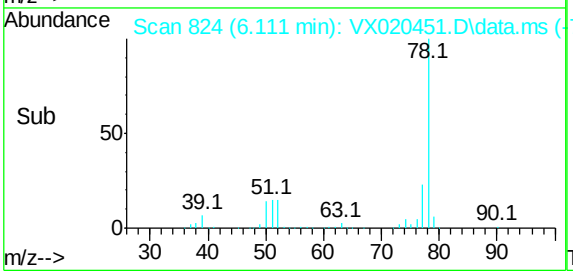


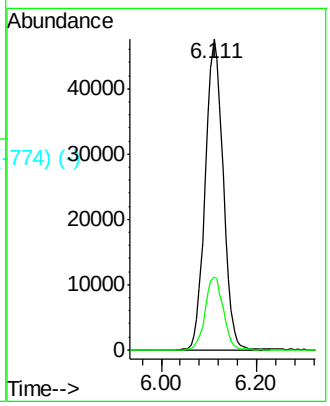
#40
Benzene
Concen: 10.04 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

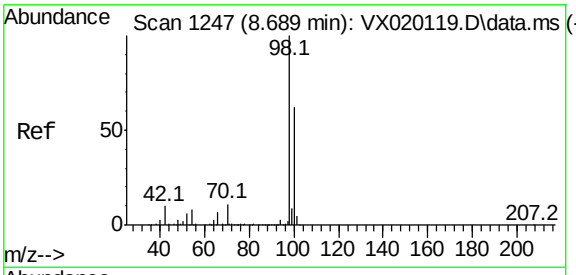
Tgt Ion: 78 Resp: 123301

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





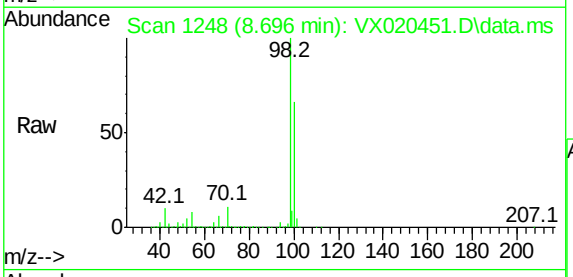


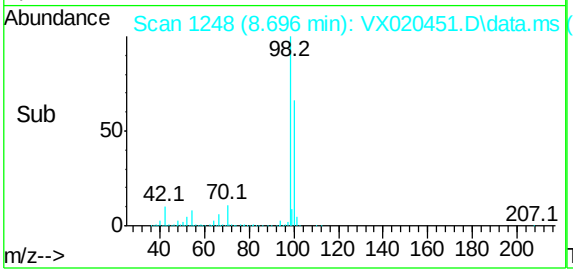


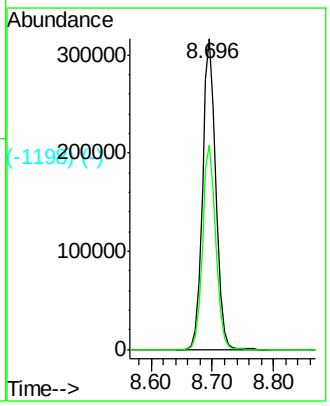
#50
Toluene-d8
Concen: 48.98 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 98 Resp: 481249

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9







Instrument :
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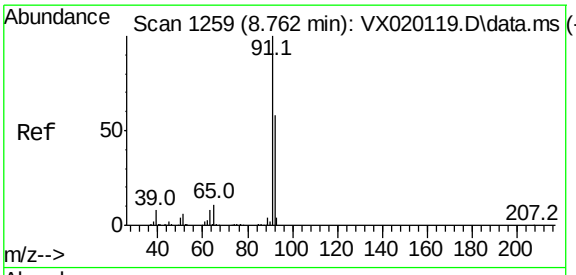
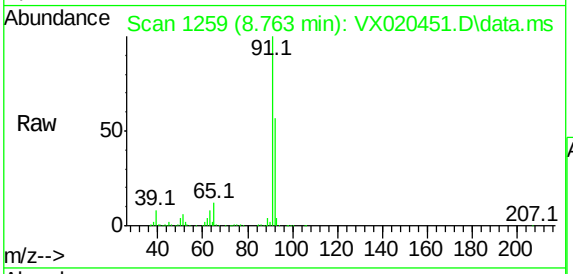
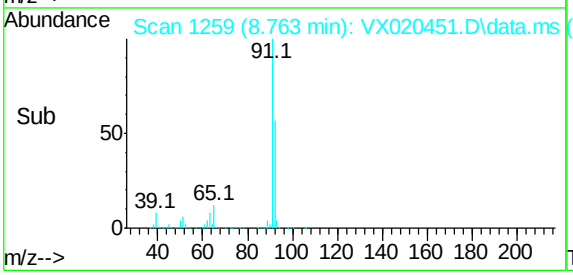


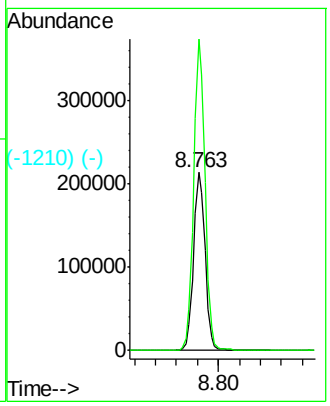
#52
Toluene
Concen: 43.05 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

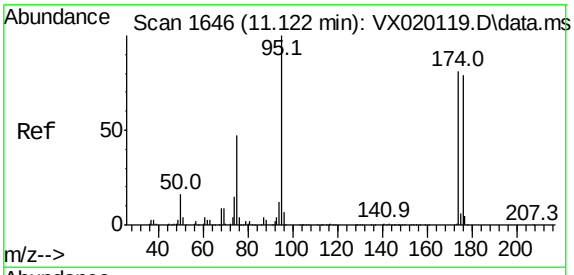
Tgt Ion: 92 Resp: 322489

Ion	Ratio	Lower	Upper
92	100		
91	172.1	137.1	205.7





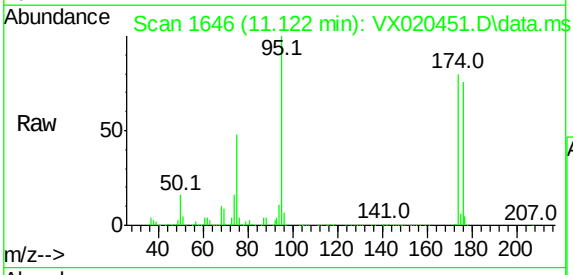


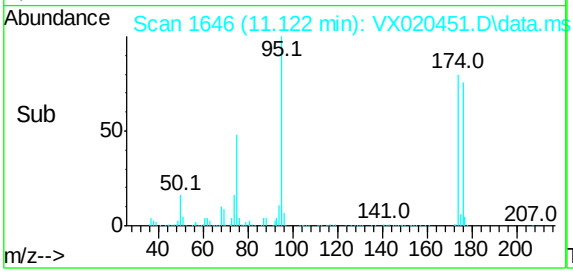


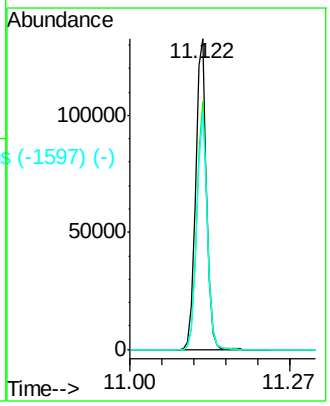
#68
4-Bromofluorobenzene
Concen: 44.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

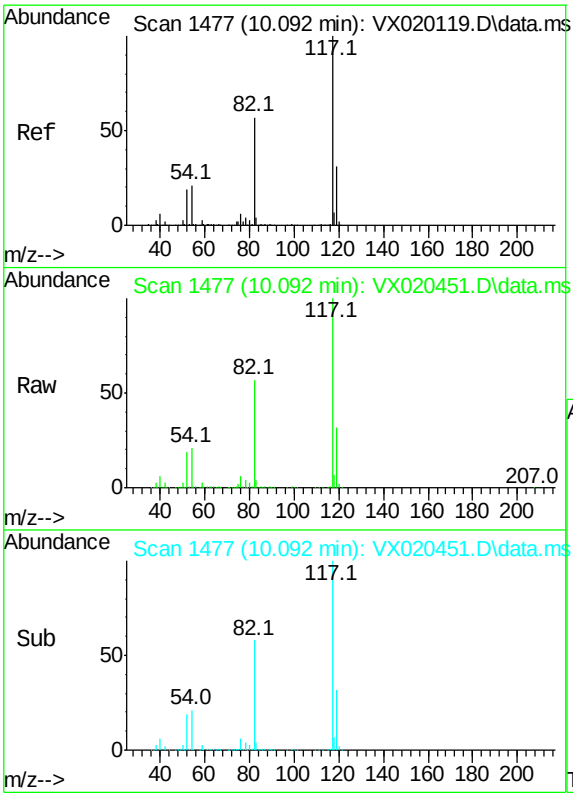
Tgt Ion: 95 Resp: 168282

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	154.6
176	75.2	0.0	155.8





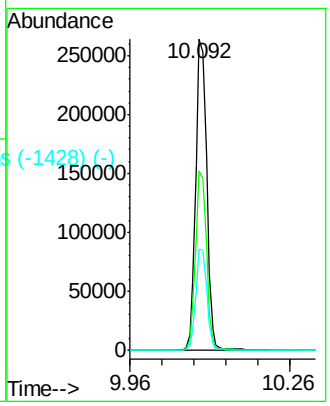




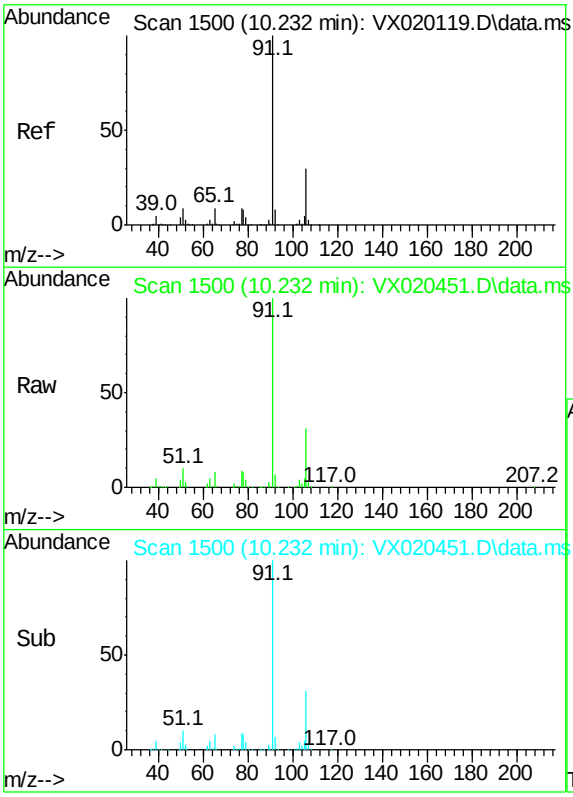
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:117 Resp: 367074

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.4	71.2
119	32.4	26.6	39.8



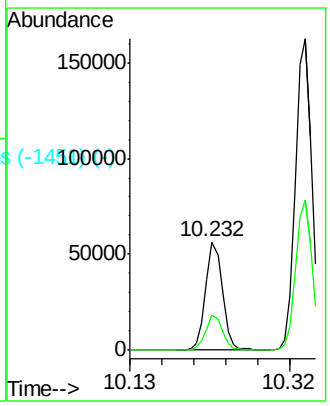
Instrument :
MSVOA_X
ClientSampleId :
31371



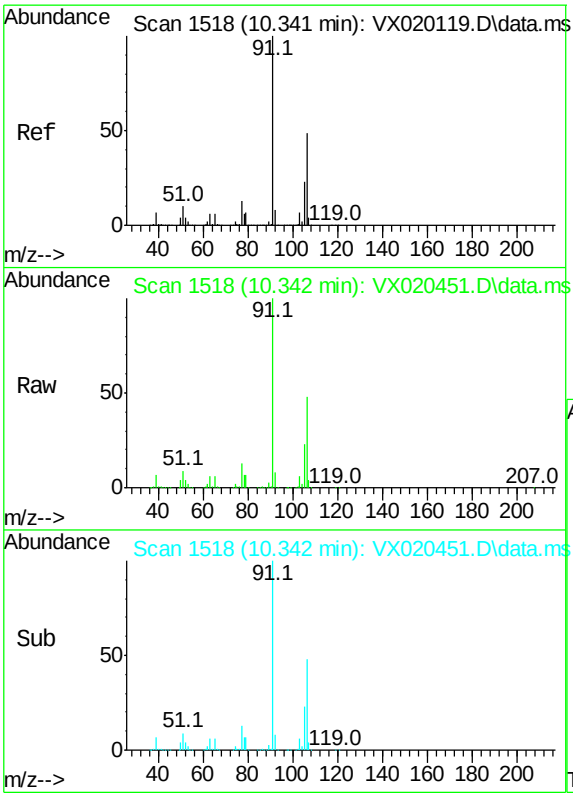
#67
Ethyl Benzene
Concen: 5.34 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion: 91 Resp: 73511

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	37.0



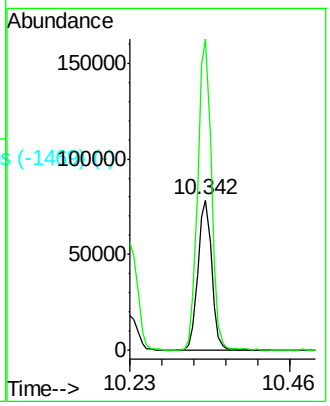
Instrument :
MSVOA_X
ClientSampleId :
31371

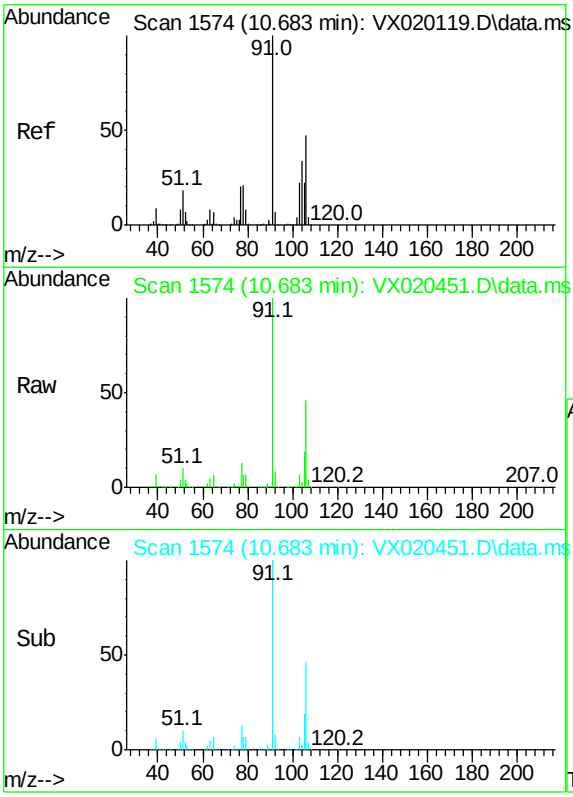


#68
m/p-Xylenes
Concen: 20.71 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:106 Resp: 106425

Ion	Ratio	Lower	Upper
106	100		
91	207.6	162.8	244.2

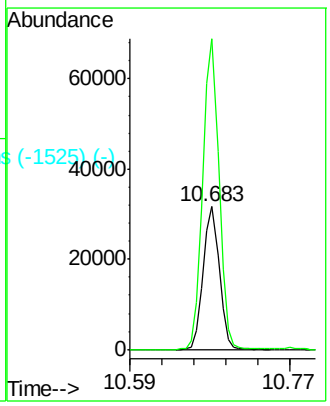


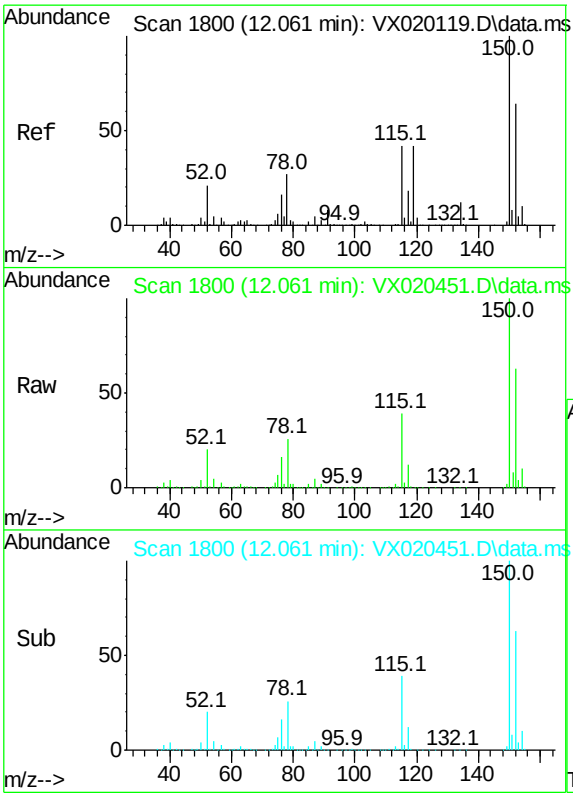


#68
o-Xylene
Concen: 8.10 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:106 Resp: 40085

Ion	Ratio	Lower	Upper
106	100		
91	219.3	108.1	324.2

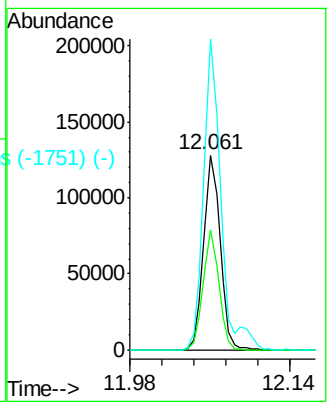




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020451.D
Acq: 30 Dec 2020 13:26

Tgt Ion:152 Resp: 152918

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	167.0	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
31371