Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020455.D
Acq On : 30 Dec 2020 14:58
Operator : JC/MD
Sample : L5222-09 50X
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 31367

Quant Time: Dec 31 01:07:09 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

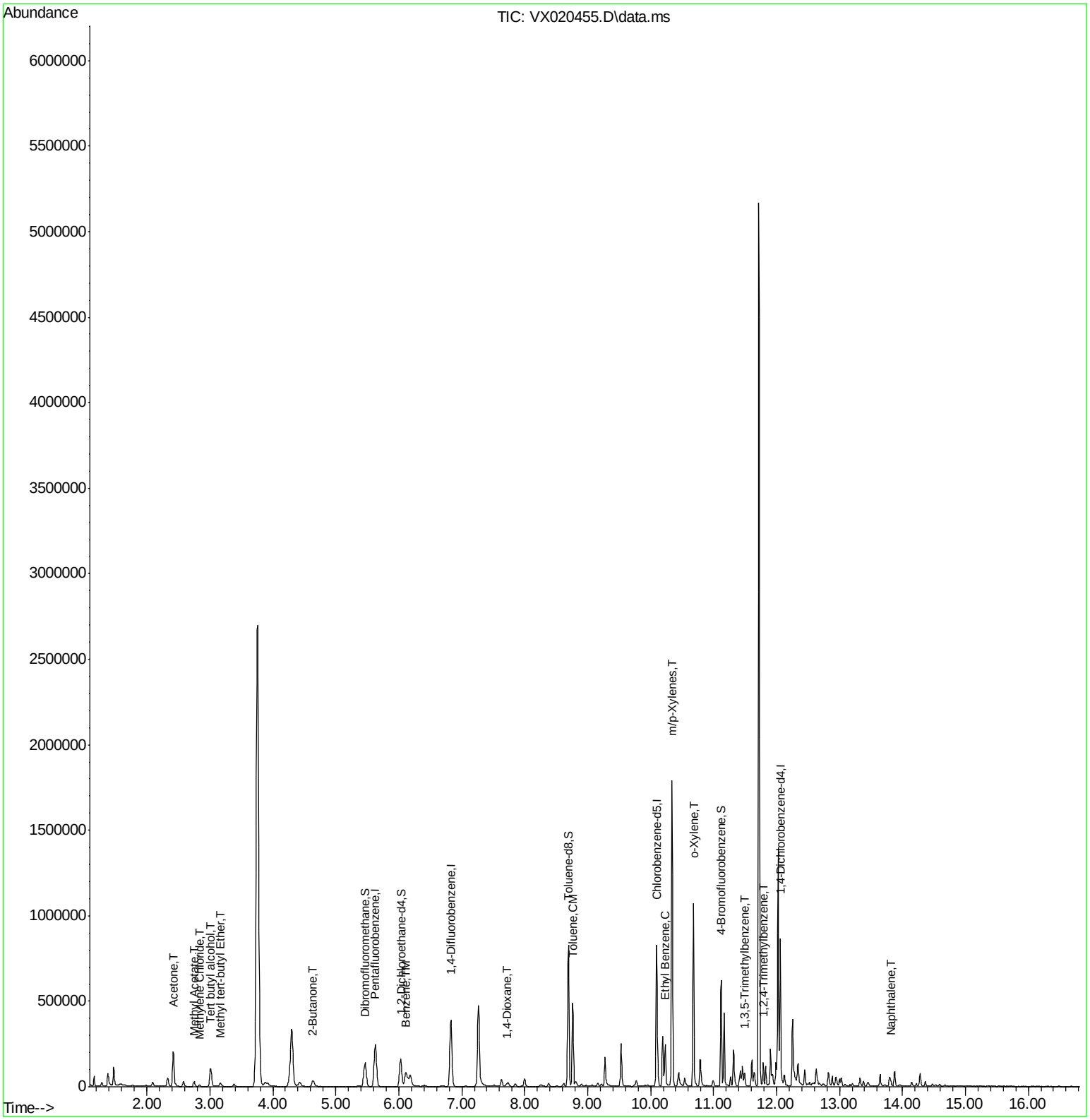
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	236594	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	395748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	371371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	153034	48.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.50%			
35) Dibromofluoromethane	5.464	113	127273	50.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.54%			
50) Toluene-d8	8.696	98	489010	50.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.122	95	171929	46.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	47071	66.28	ug/l #	94
16) Acetone	2.416	43	207522	143.50	ug/l	98
18) Methyl Acetate	2.752	43	37218	11.54	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	21924	2.42	ug/l	95
20) Methylene Chloride	2.831	84	4851	1.49	ug/l	97
25) 2-Butanone	4.635	43	52807	25.09	ug/l	98
40) Benzene	6.111	78	97923	8.04	ug/l	99
49) 1,4-Dioxane	7.714	88	7970	108.28	ug/l	93
52) Toluene	8.763	92	184497	24.83	ug/l	100
67) Ethyl Benzene	10.232	91	130878	9.40	ug/l	97
68) m/p-Xylenes	10.342	106	419623	80.70	ug/l	100
69) o-Xylene	10.683	106	229135	45.79	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	21987	2.21	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	59026	5.84	ug/l	100
95) Naphthalene	13.817	128	18807	1.67	ug/l	99

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

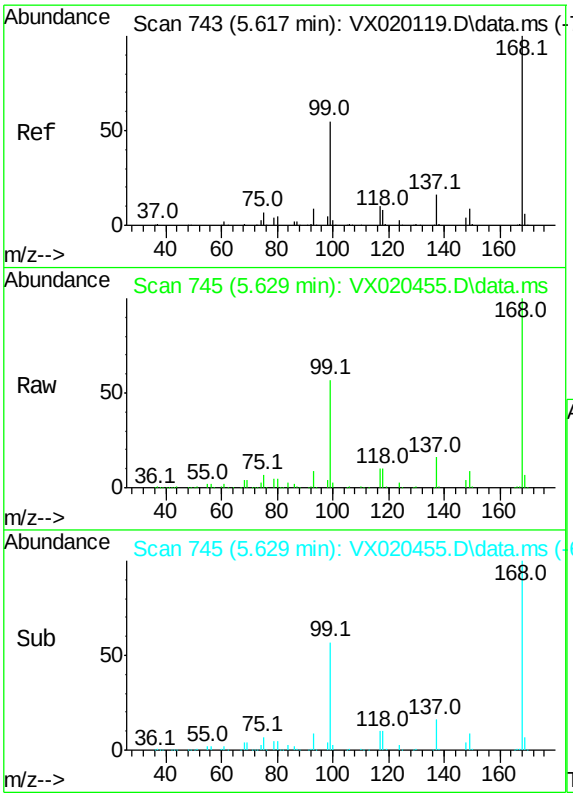
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020455.D
Acq On : 30 Dec 2020 14:58
Operator : JC/MD
Sample : L5222-09 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31367

Quant Time: Dec 31 01:07:09 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



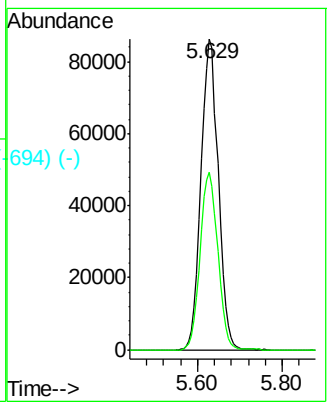
Instrument :
MSVOA_X
ClientSampleId :
31367

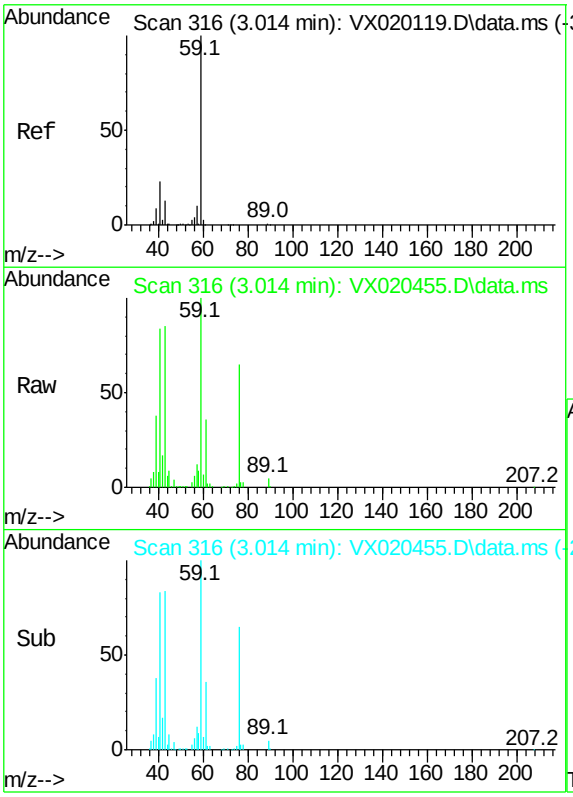


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:168 Resp: 236594

Ion	Ratio	Lower	Upper
168	100		
99	57.3	45.8	68.6

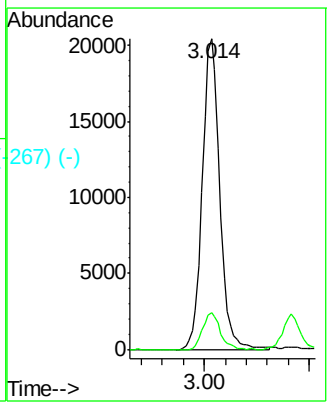


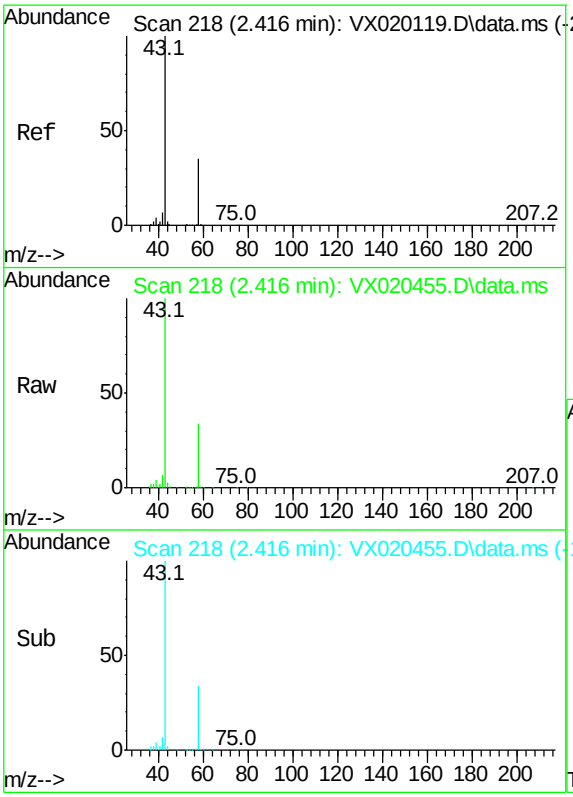


#11
Tert butyl alcohol
Concen: 66.28 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 59 Resp: 47071

Ion	Ratio	Lower	Upper
59	100		
57	11.9	7.8	11.8#

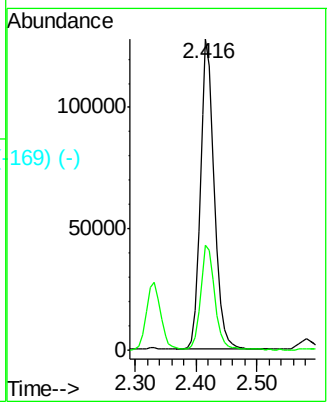




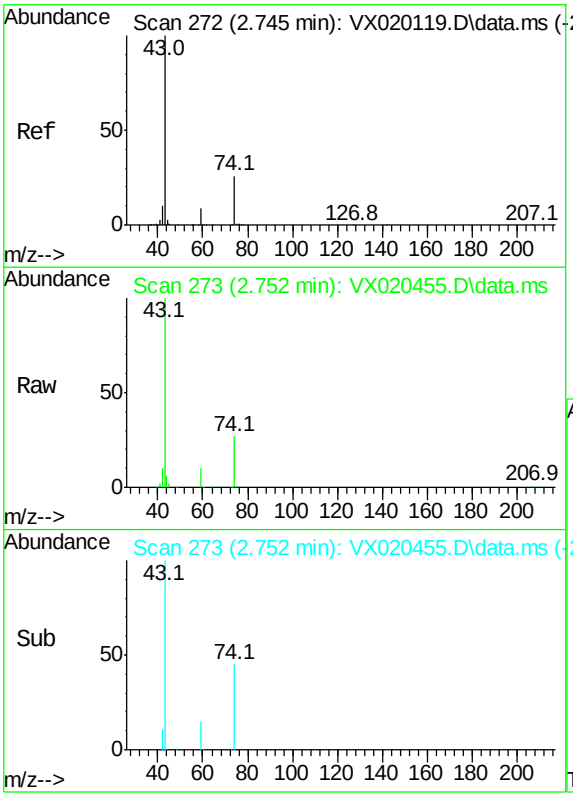
#16
Acetone
Concen: 143.50 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 43 Resp: 207522

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.8	41.8



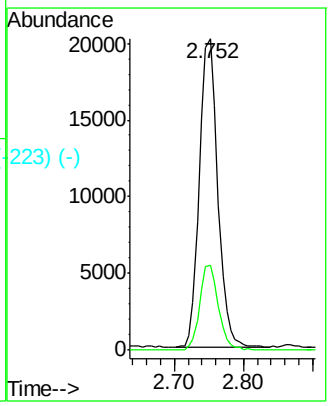
Instrument :
MSVOA_X
ClientSampleId :
31367



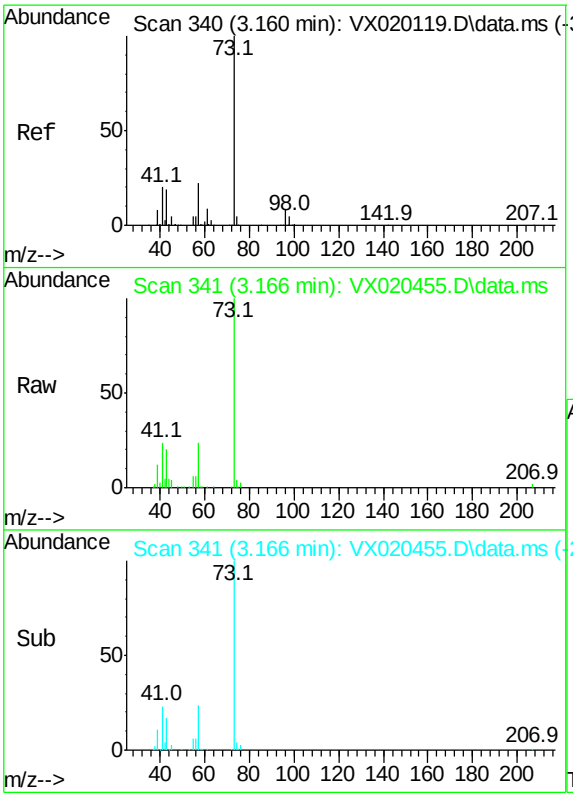
#18
Methyl Acetate
Concen: 11.54 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 43 Resp: 37218

Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.9	32.9



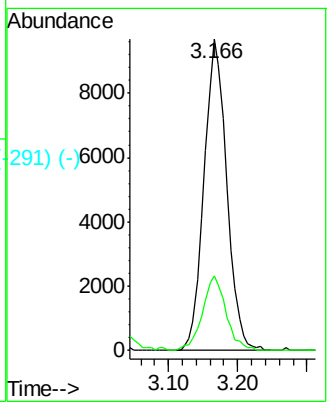
Instrument :
MSVOA_X
ClientSampleId :
31367

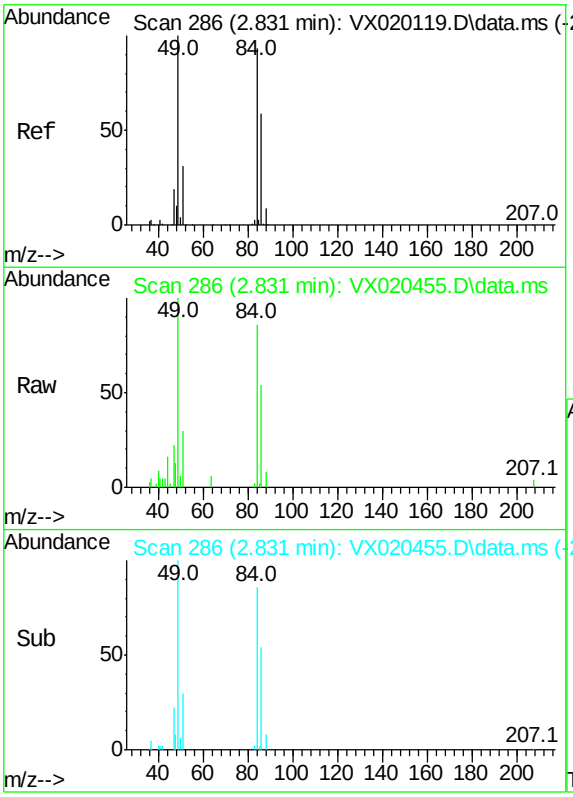


#19
Methyl tert-butyl Ether
Concen: 2.42 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 73 Resp: 21924

Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.1	25.7

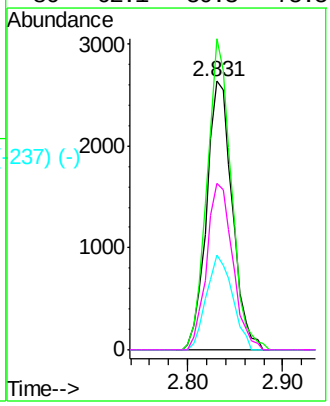




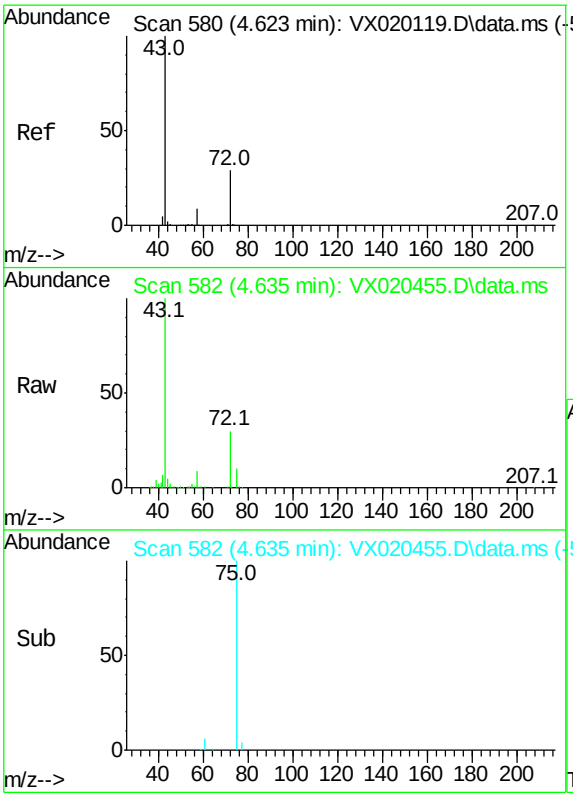
#20
Methylene Chloride
Concen: 1.49 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 84 Resp: 4851

Ion	Ratio	Lower	Upper
84	100		
49	116.0	88.6	132.8
51	35.3	27.0	40.6
86	62.1	50.3	75.5



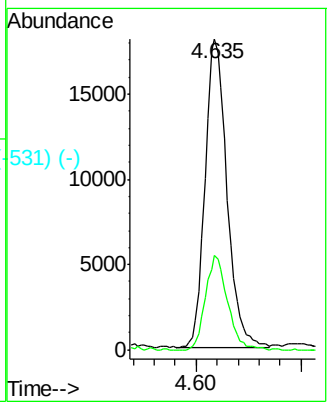
Instrument :
MSVOA_X
ClientSampleId :
31367

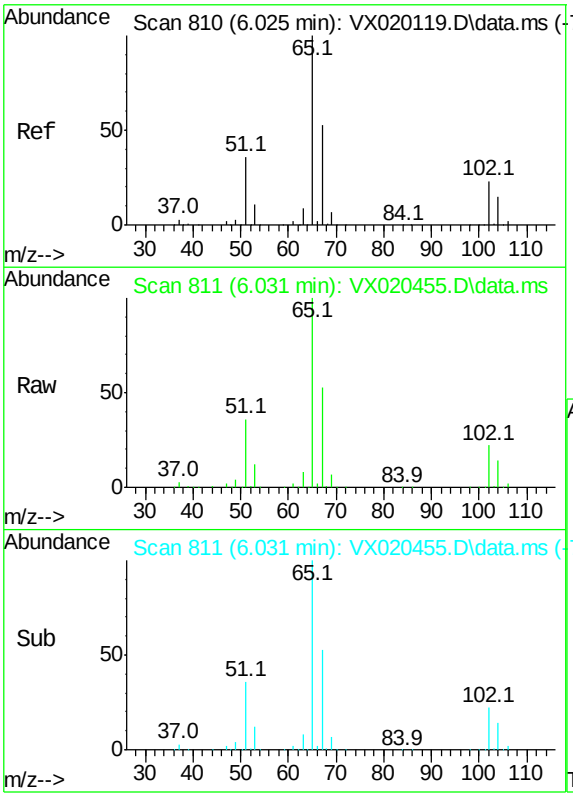


#35
2-Butanone
Concen: 25.09 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 43 Resp: 52807

Ion	Ratio	Lower	Upper
43	100		
72	30.5	23.7	35.5

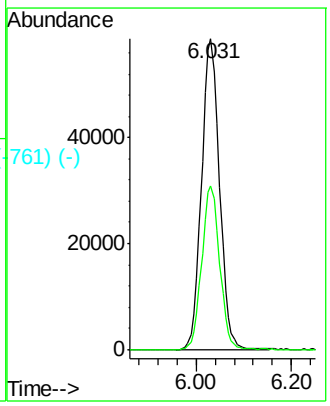


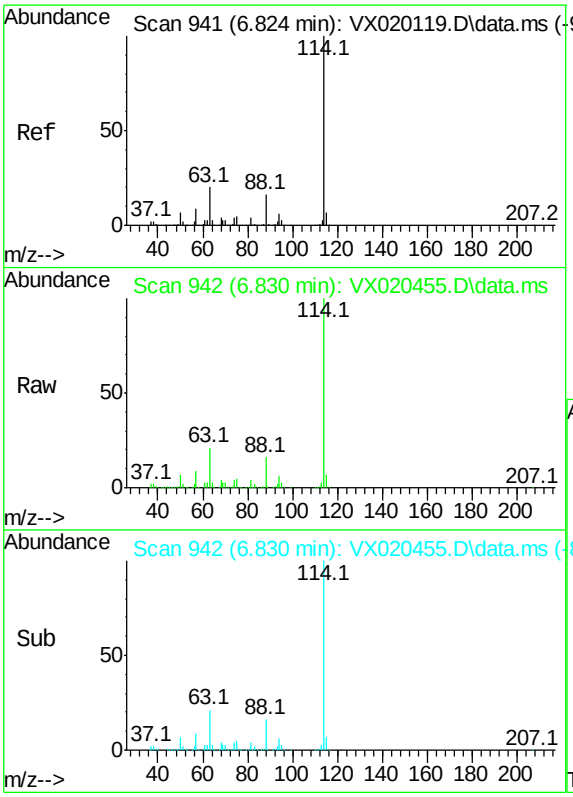


#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 65 Resp: 153034

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4

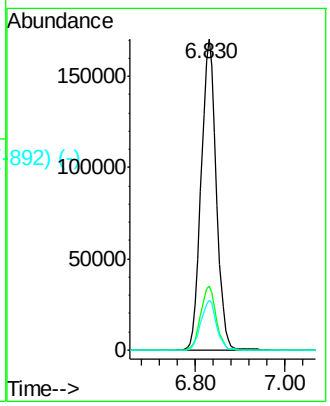




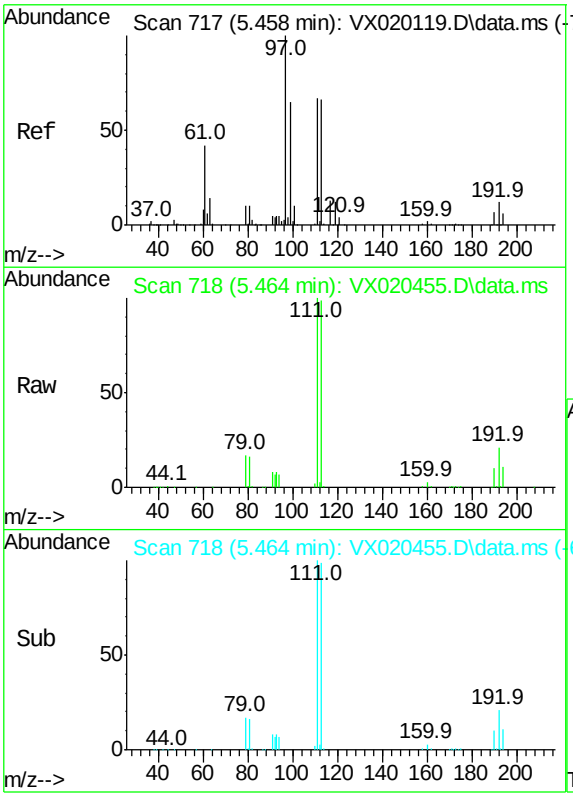
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:114 Resp: 395748

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.1	0.0	32.8



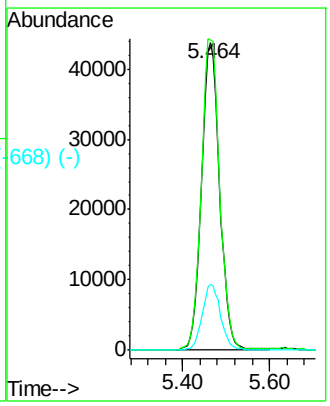
Instrument :
MSVOA_X
ClientSampleId :
31367



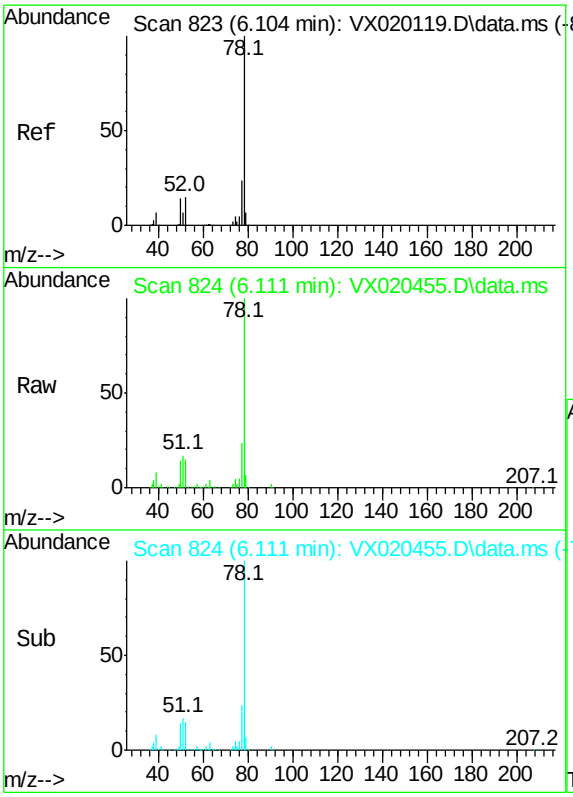
#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:113 Resp: 127273

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.2	16.7	25.1



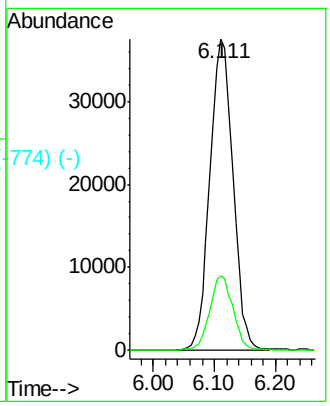
Instrument :
MSVOA_X
ClientSampleId :
31367

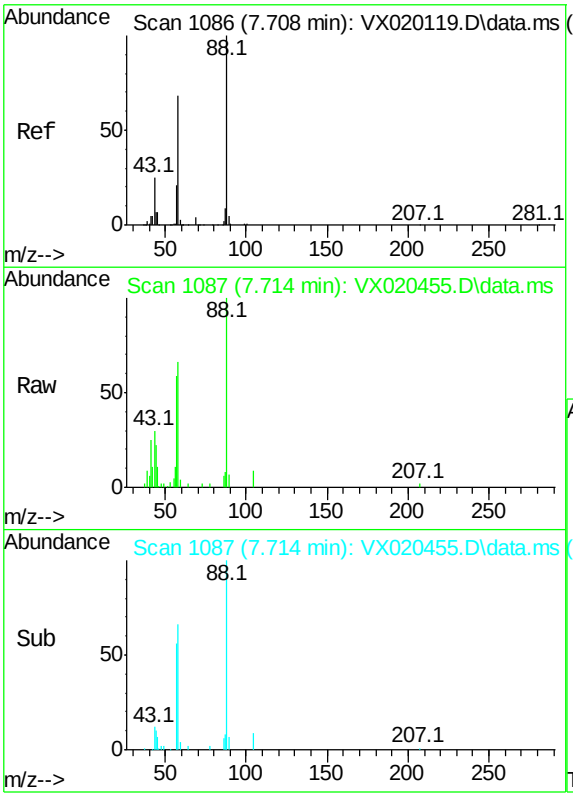


#40
Benzene
Concen: 8.04 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 78 Resp: 97923

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3

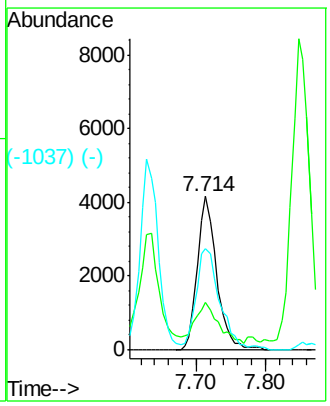




#49
1,4-Dioxane
Concen: 108.28 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 88 Resp: 7970

Ion	Ratio	Lower	Upper
88	100		
43	31.0	23.2	34.8
58	75.7	55.0	82.4



Instrument :
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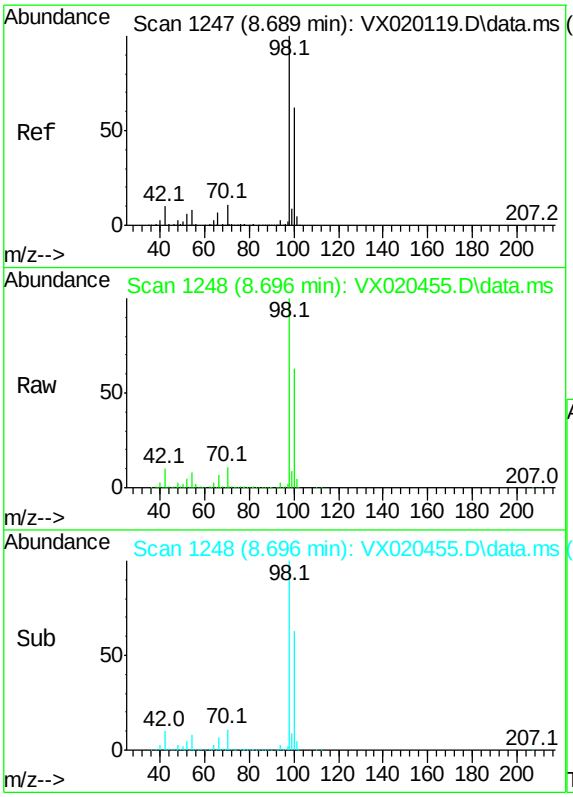
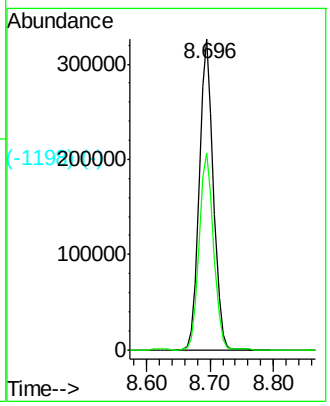
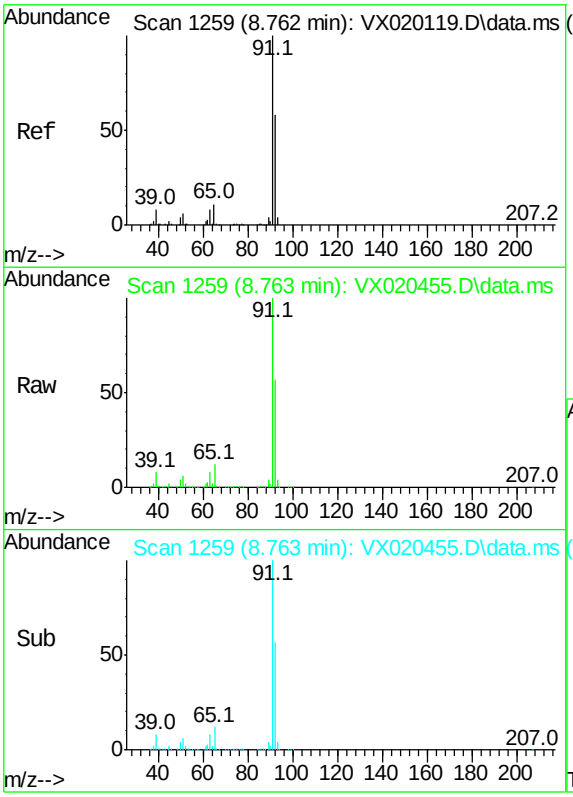


#50
Toluene-d8
Concen: 50.18 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 98 Resp: 489010

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

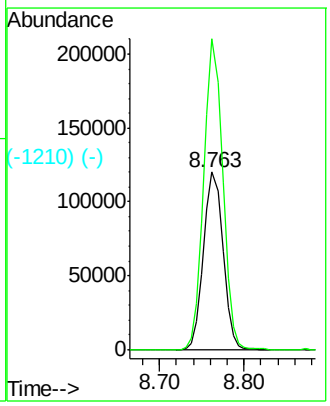


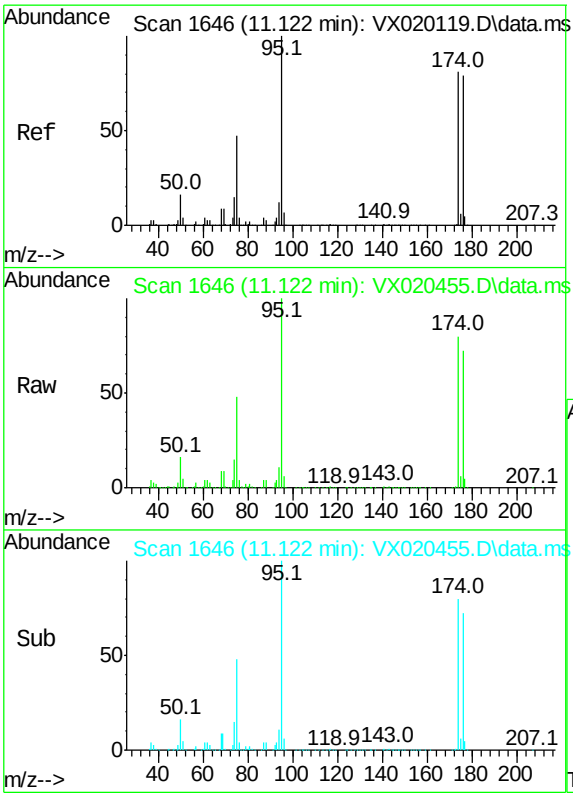


#52
Toluene
Concen: 24.83 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 92 Resp: 184497

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.1	205.7

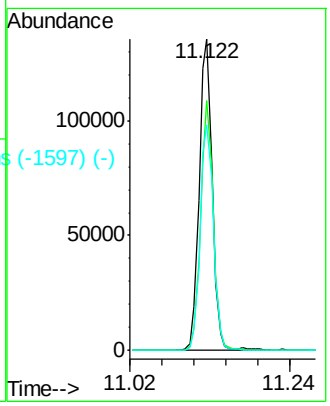




#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 95 Resp: 171929

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	154.6
176	73.7	0.0	155.8



Instrument :
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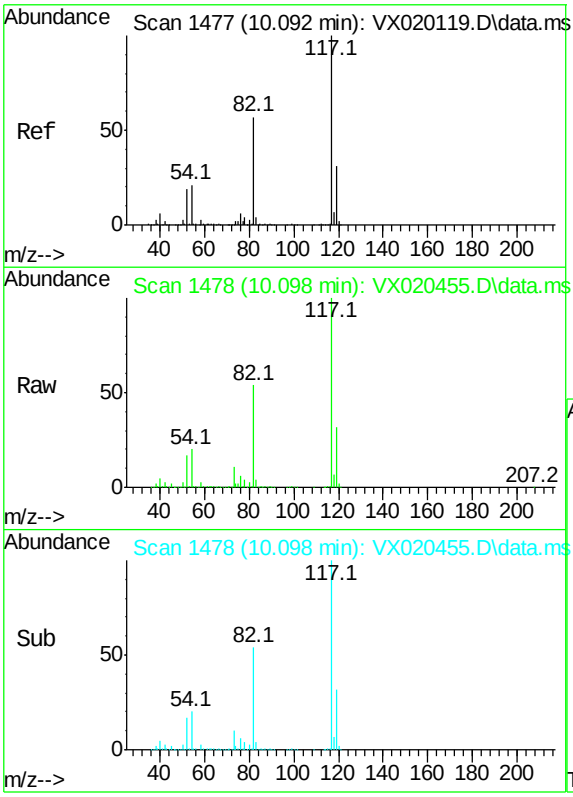
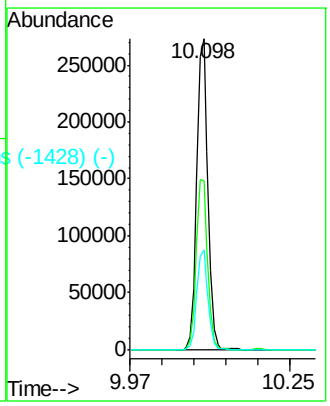


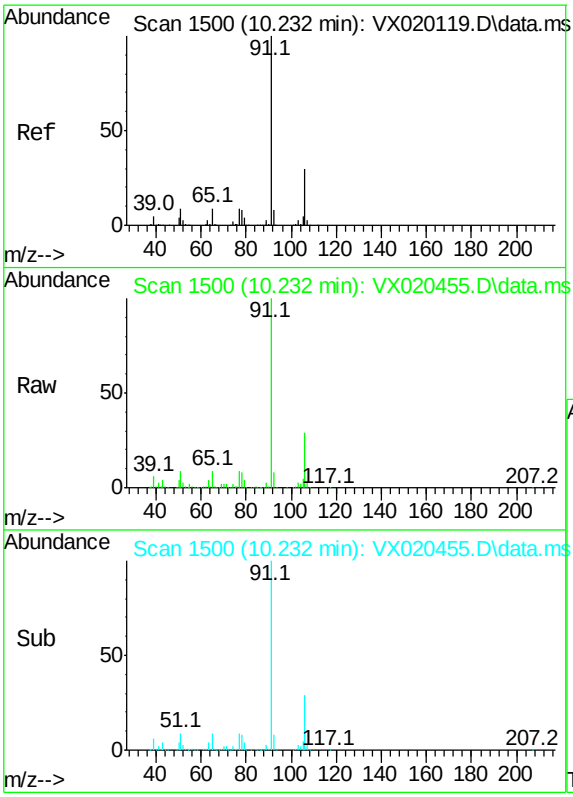
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:117 Resp: 371371

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	31.9	26.6	39.8



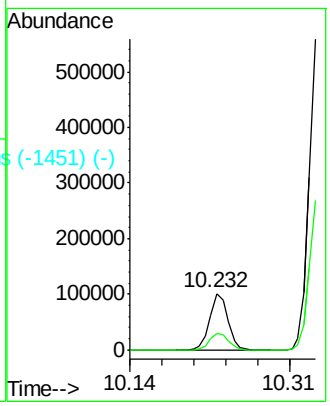
Instrument :
MSVOA_X
ClientSampleId :
31367

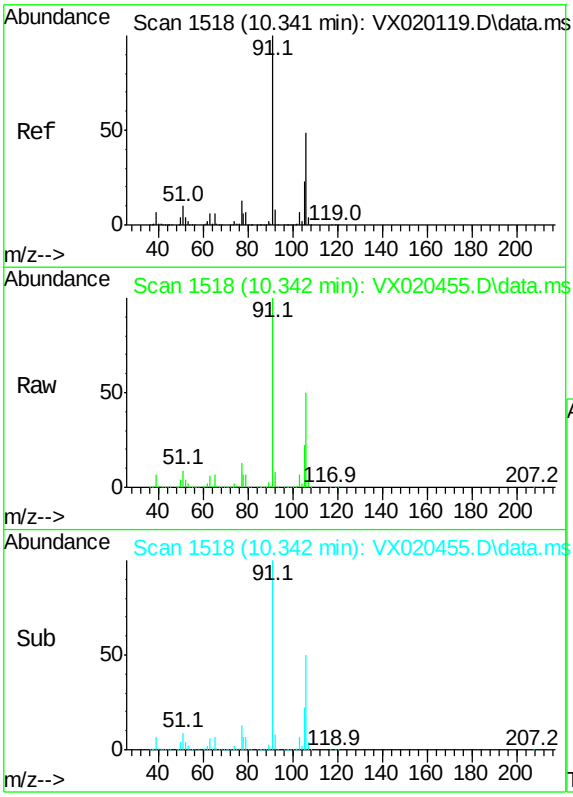


#67
Ethyl Benzene
Concen: 9.40 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion: 91 Resp: 130878

Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.6	37.0

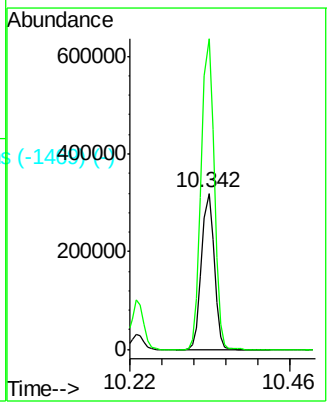


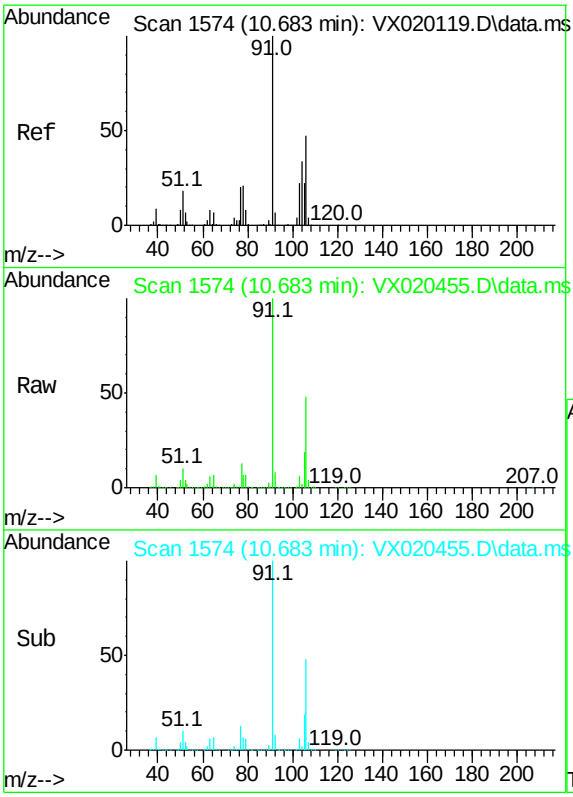


#68
m/p-Xylenes
Concen: 80.70 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:106 Resp: 419623

Ion	Ratio	Lower	Upper
106	100		
91	203.8	162.8	244.2

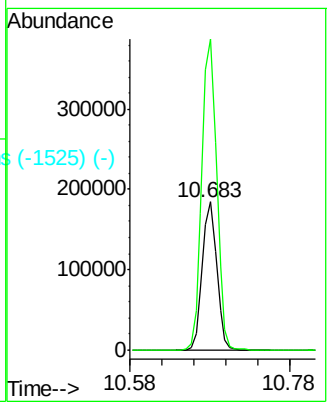




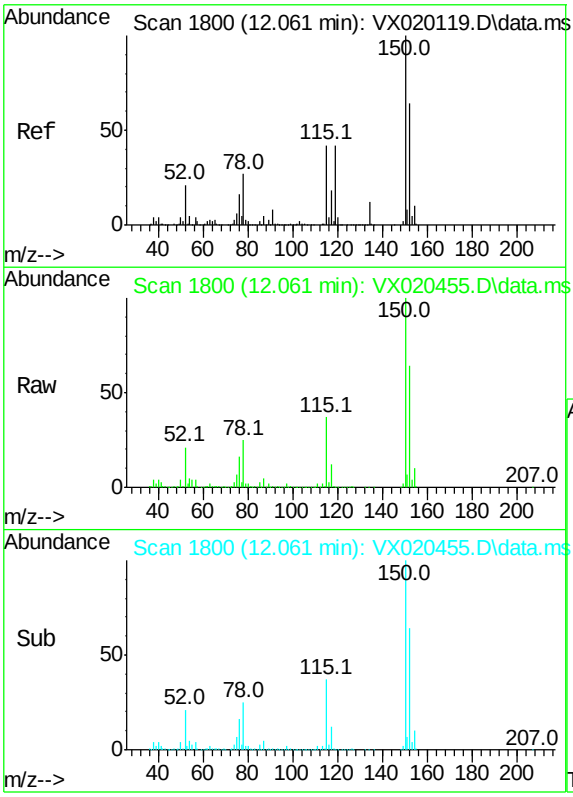
#69
o-Xylene
Concen: 45.79 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:106 Resp: 229135

Ion	Ratio	Lower	Upper
106	100		
91	217.4	108.1	324.2



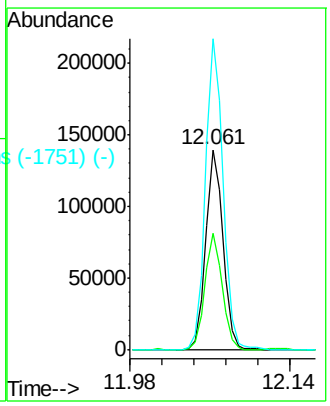
Instrument :
MSVOA_X
ClientSampleId :
31367



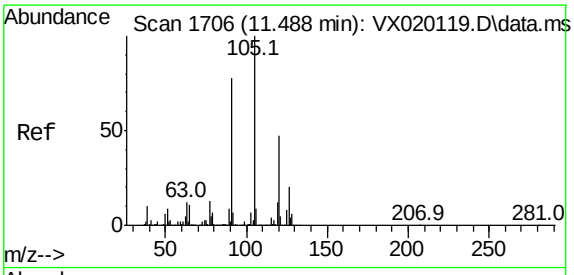
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:152 Resp: 162773

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.1	123.3
150	158.7	0.0	349.0



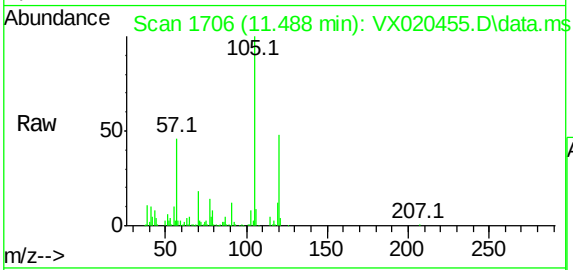
Instrument :
MSVOA_X
ClientSampleId :
31367

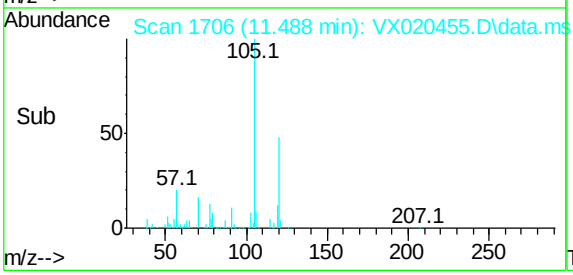


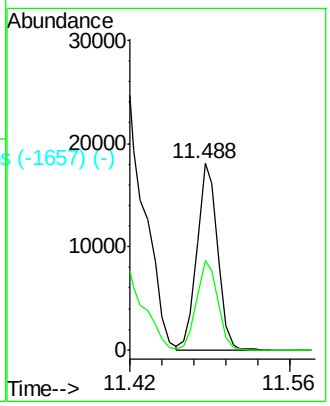
#80
1,3,5-Trimethylbenzene
Concen: 2.21 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

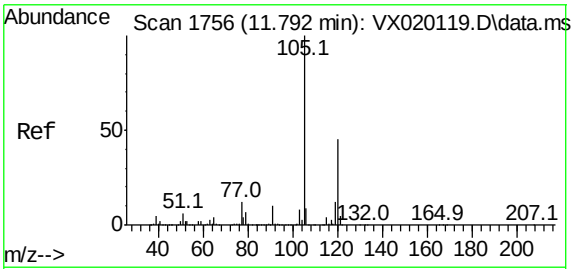
Tgt Ion:105 Resp: 21987

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.8	71.5





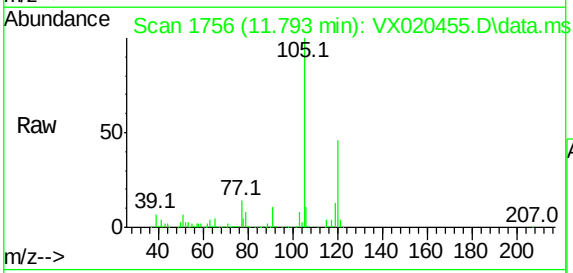


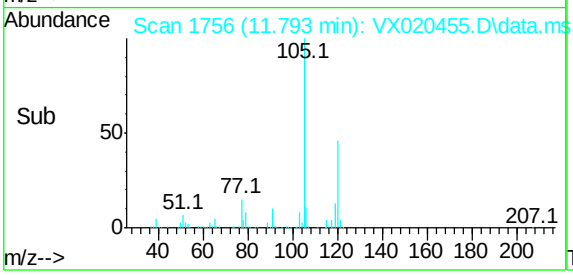


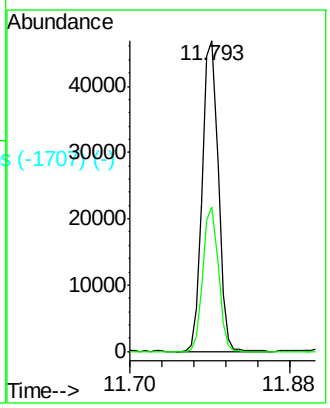
#84
1,2,4-Trimethylbenzene
Concen: 5.84 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.001 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

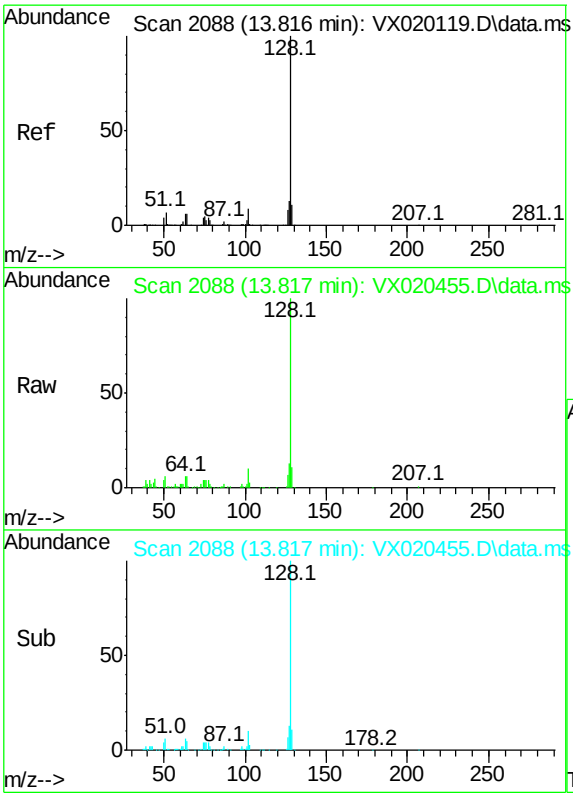
Tgt Ion:105 Resp: 59026

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





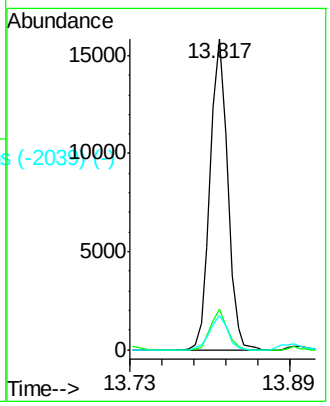




#95
Naphthalene
Concen: 1.67 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020455.D
Acq: 30 Dec 2020 14:58

Tgt Ion:128 Resp: 18807

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
31367