

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019876.D
 Acq On : 11 Dec 2020 15:21
 Operator : JC/MD
 Sample : L5028-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Quant Time: Dec 12 00:23:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

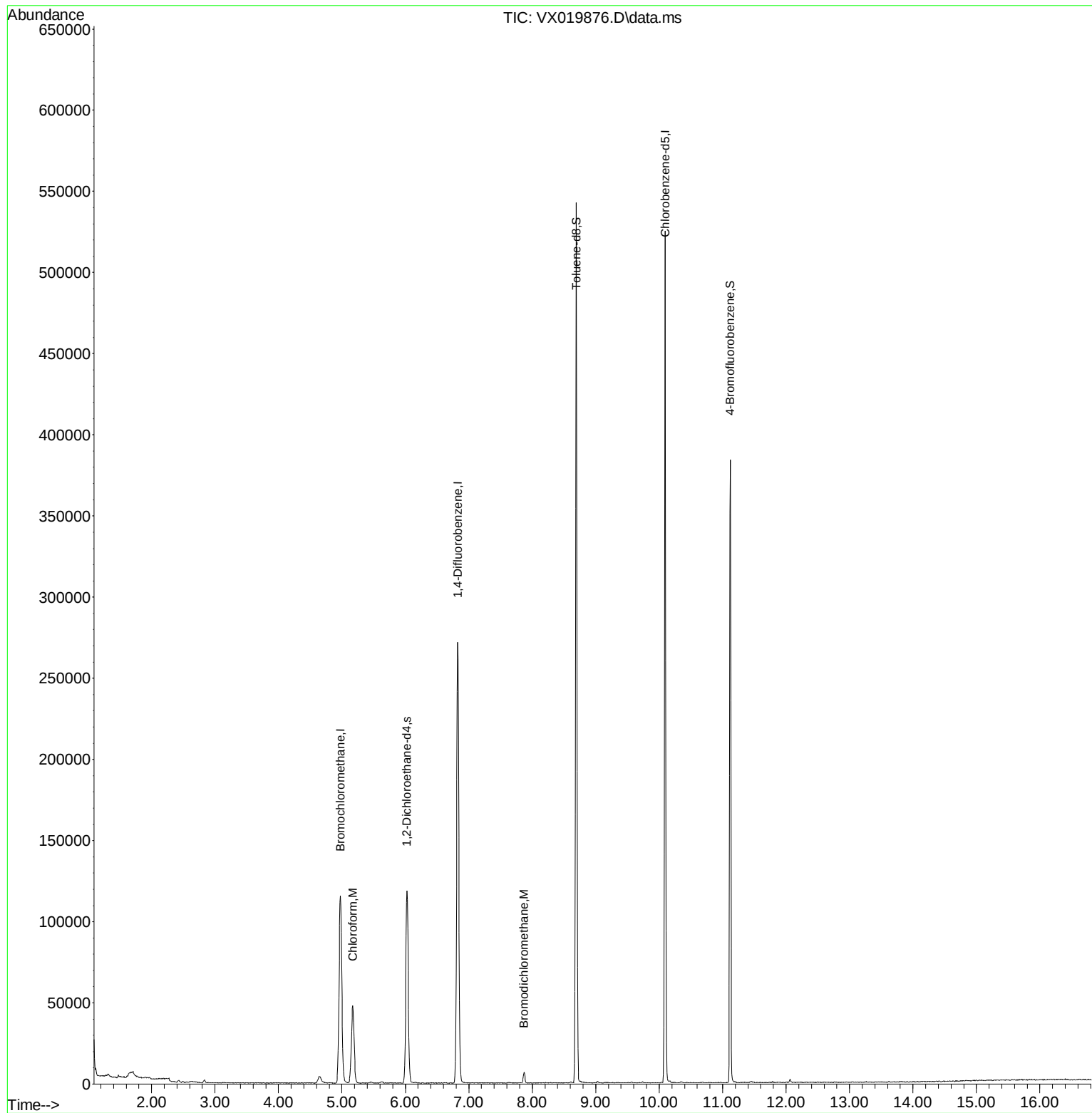
Internal Standards						
1) Bromochloromethane	4.977	128	51887	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.824	114	280176	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.098	117	242436	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	111960	31.13	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.77%			
60) 4-Bromofluorobenzene	11.122	95	106662	26.20	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.33%			
63) Toluene-d8	8.696	98	328849	30.97	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.23%			
Target Compounds						
						Qvalue
25) Chloroform	5.172	83	57845	9.79	ug/l	98
41) Bromodichloromethane	7.873	83	4142	0.91	ug/l	97

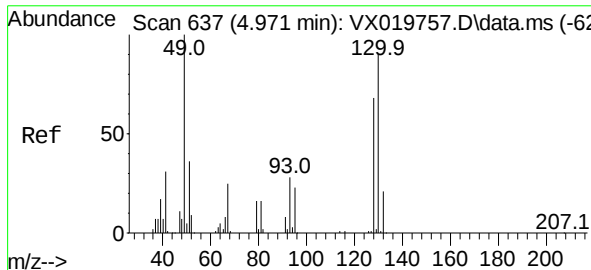
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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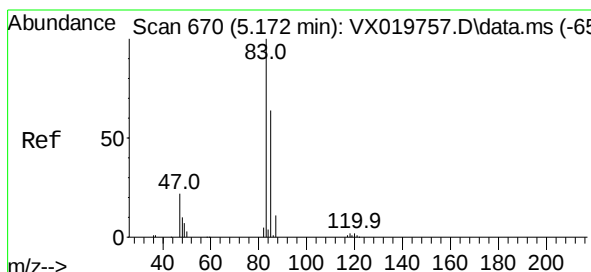
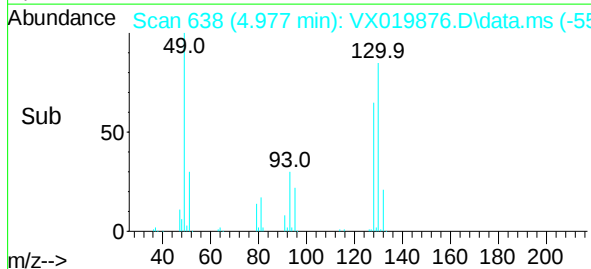
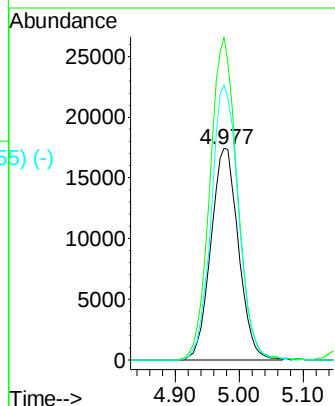
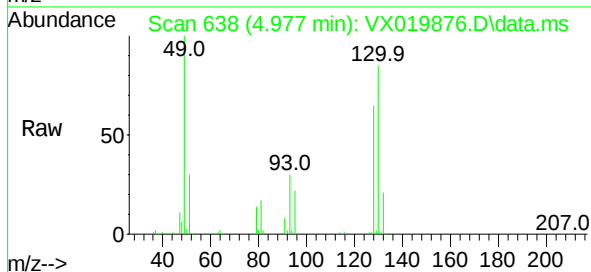




Bromochloromethane
 Concen: 30.00 ug/l
 RT: 4.977 min Scan# 638
 Delta R.T. 0.006 min
 Lab File: VX019876.D
 Acq: 11 Dec 2020 15:21

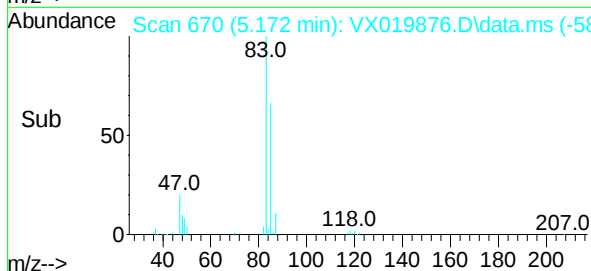
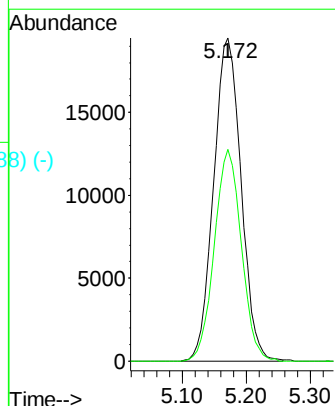
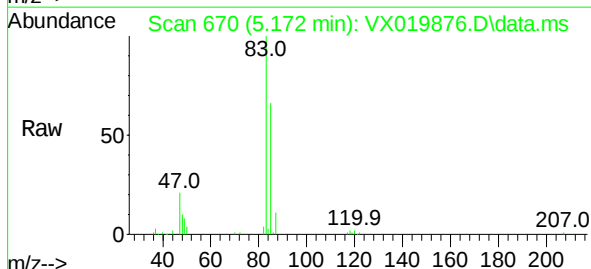
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Tgt Ion:128 Resp: 51887
 Ion Ratio Lower Upper
 128 100
 49 151.5 0.0 367.5
 130 128.9 0.0 318.8



Chloroform
 Concen: 9.79 ug/l
 RT: 5.172 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: VX019876.D
 Acq: 11 Dec 2020 15:21

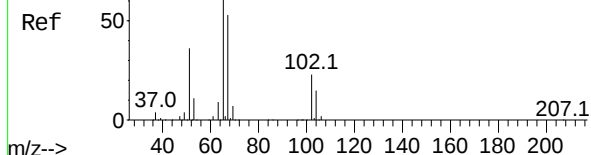
Tgt Ion: 83 Resp: 57845
 Ion Ratio Lower Upper
 83 100
 85 65.6 51.2 76.8



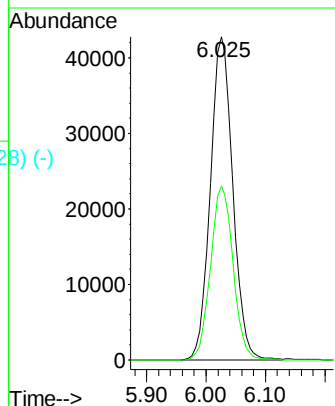
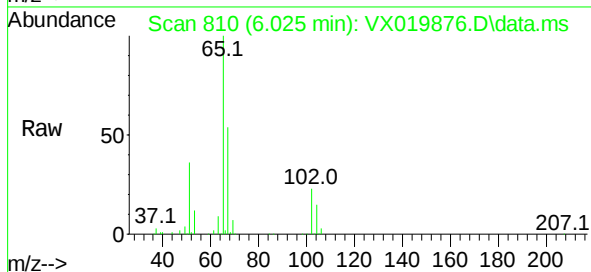
Abundance Scan 810 (6.025 min): VX019757.D\data.ms (-799) #27

1,2-Dichloroethane-d4
Concen: 31.13 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21

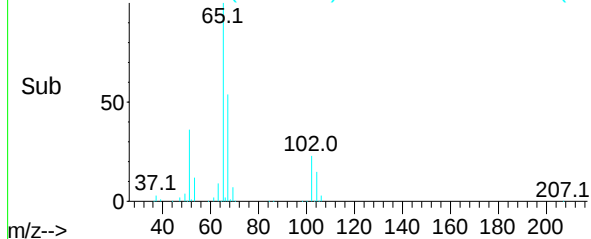
Instrument :
MSVOA_X
ClientSampled :
14B-4



Tgt Ion: 65 Resp: 111960
Ion Ratio Lower Upper
65 100
67 53.9 41.9 62.9



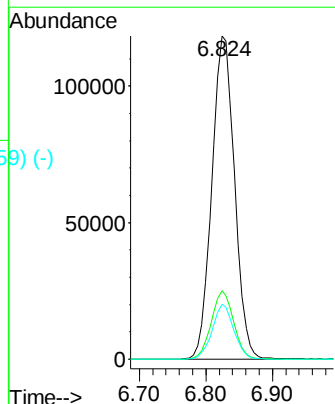
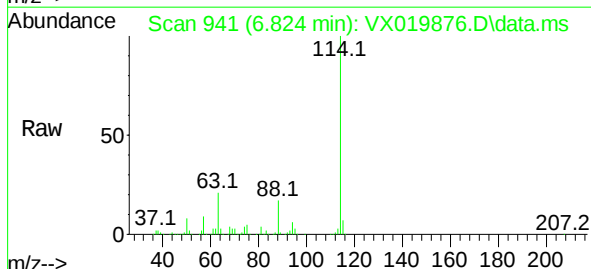
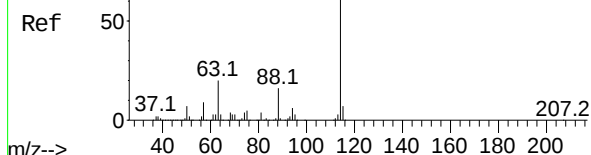
Abundance Scan 810 (6.025 min): VX019876.D\data.ms (-728) (-)



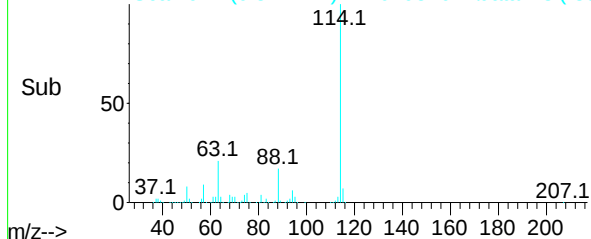
Abundance Scan 941 (6.824 min): VX019757.D\data.ms (-930) #28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21

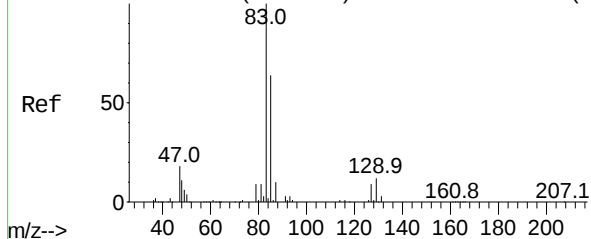
Tgt Ion:114 Resp: 280176
Ion Ratio Lower Upper
114 100
63 20.7 16.2 24.2
88 16.1 13.0 19.6



Abundance Scan 941 (6.824 min): VX019876.D\data.ms (-859) (-)



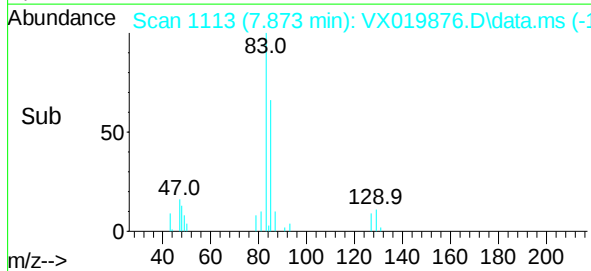
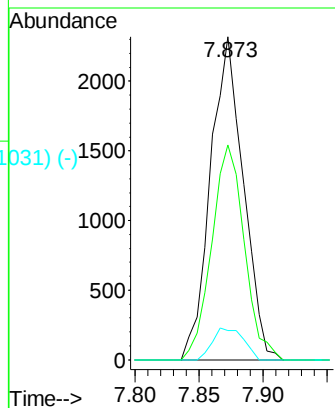
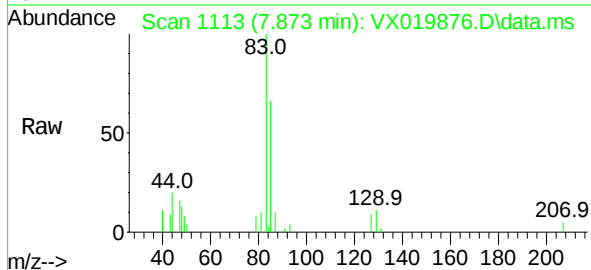
Abundance Scan 1113 (7.873 min): VX019757.D\data.ms (-11041)



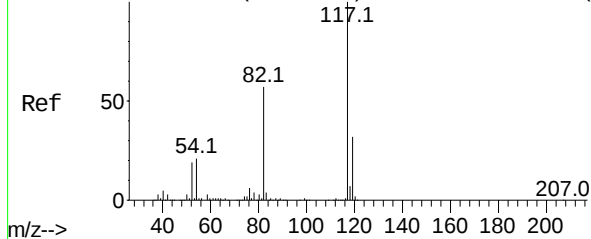
Bromodichloromethane
Concen: 0.91 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21

Instrument :
MSVOA_X
ClientSampled :
14B-4

Tgt Ion:	83	Resp:	4142
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.4	77.0
127	9.1	7.1	10.7

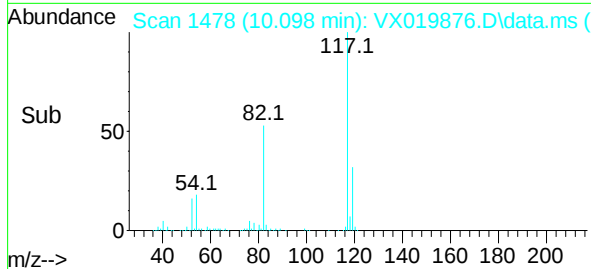
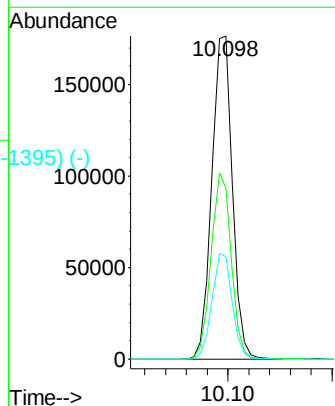
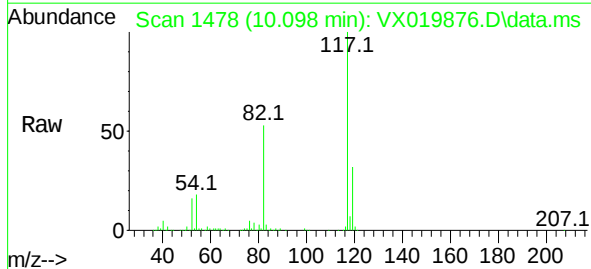


Abundance Scan 1477 (10.092 min): VX019757.D\data.ms (-1451)



Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21

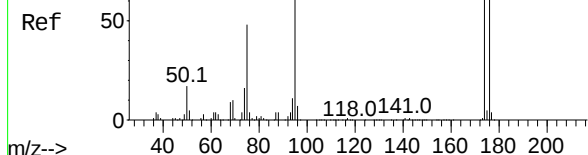
Tgt Ion:	117	Resp:	242436
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.6
119	32.1	25.6	38.4



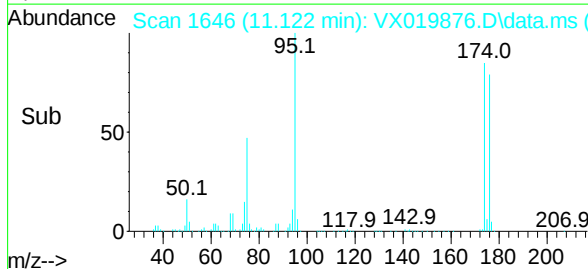
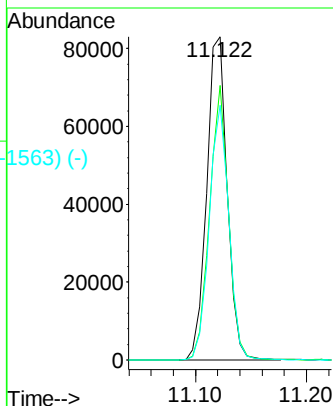
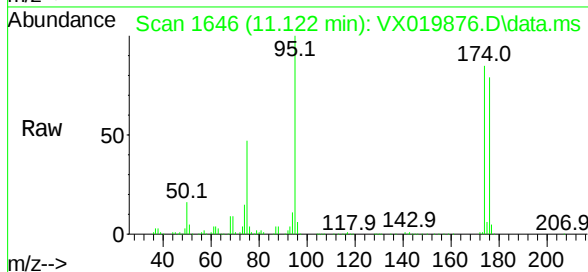
Abundance Scan 1645 (11.116 min): VX019757.D\data.ms (-1645) (-)

4-Bromofluorobenzene
Concen: 26.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
14B-4

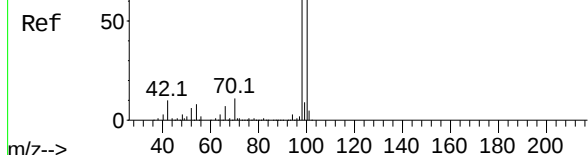


Tgt Ion:	95	Resp:	106662
Ion	Ratio	Lower	Upper
95	100		
174	78.4	63.0	94.4
176	75.5	59.9	89.9



Abundance Scan 1247 (8.690 min): VX019757.D\data.ms (-1247) (-)

Toluene-d8
Concen: 30.97 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX019876.D
Acq: 11 Dec 2020 15:21



Tgt Ion:	98	Resp:	328849
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4

