

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019874.D
 Acq On : 11 Dec 2020 13:30
 Operator : JC/MD
 Sample : L5028-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Quant Time: Dec 12 00:22:55 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)

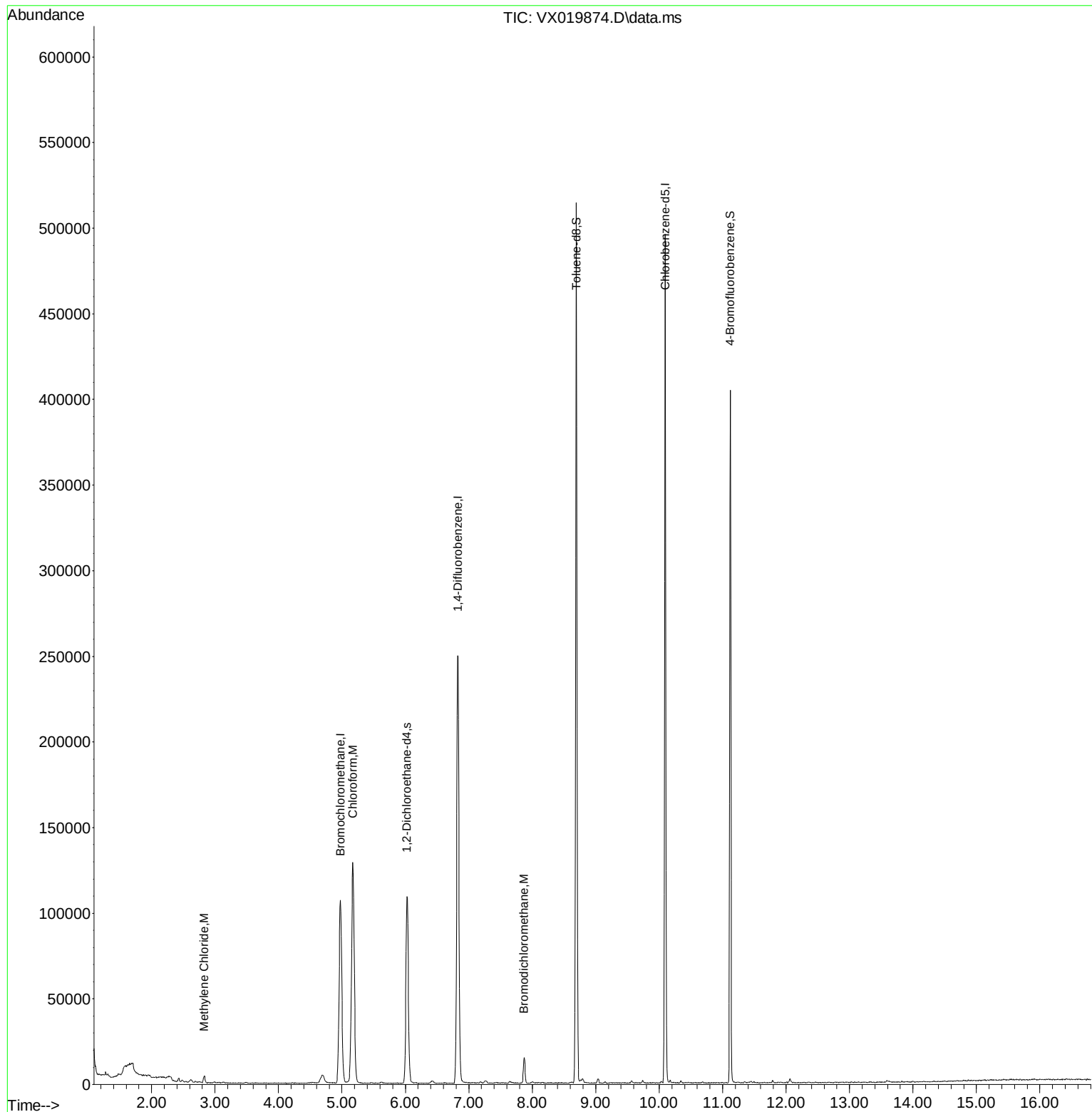
Internal Standards						
1) Bromochloromethane	4.977	128	47471	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.830	114	262782	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.098	117	237101	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	104767	31.84	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.13%			
60) 4-Bromofluorobenzene	11.122	95	110230	27.68	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.27%			
63) Toluene-d8	8.695	98	309549	29.80	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.33%			
Target Compounds						
18) Methylene Chloride	2.831	84	1900	0.60	ug/l	96
25) Chloroform	5.172	83	158153	29.25	ug/l	100
41) Bromodichloromethane	7.872	83	9763	2.29	ug/l	96

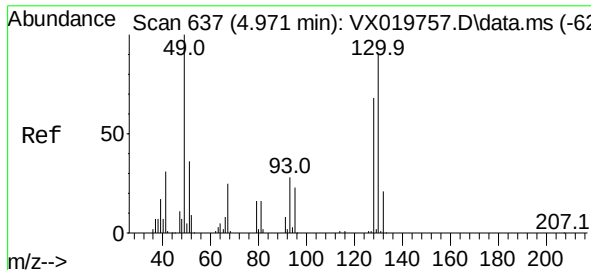
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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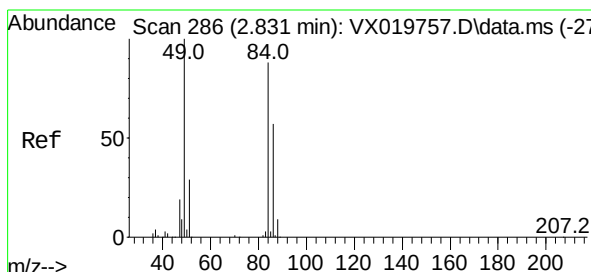
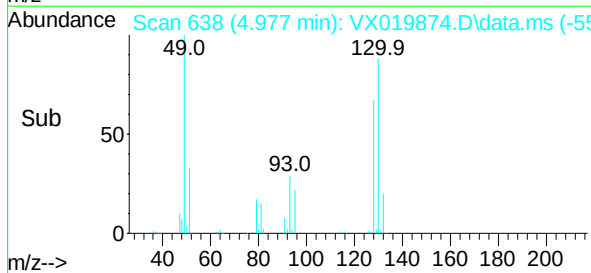
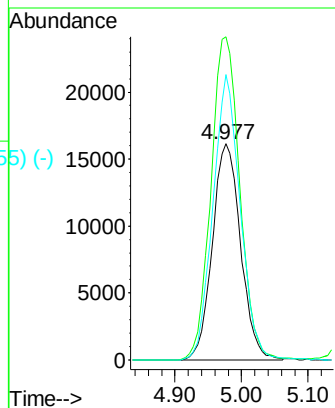
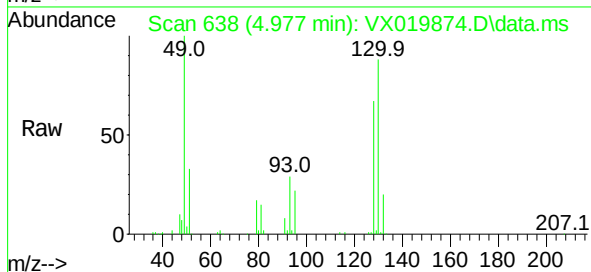




Bromochloromethane
 Concen: 30.00 ug/l
 RT: 4.977 min Scan# 638
 Delta R.T. 0.006 min
 Lab File: VX019874.D
 Acq: 11 Dec 2020 13:30

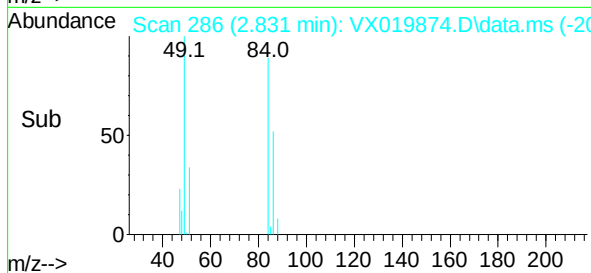
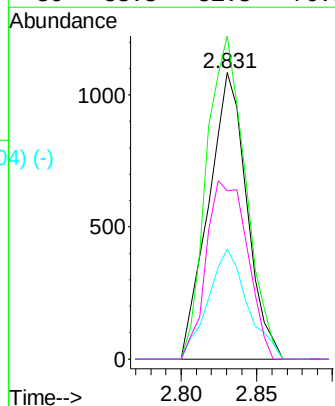
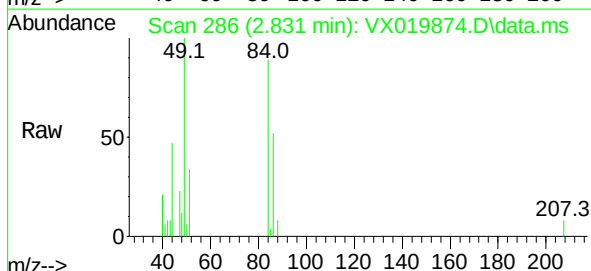
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Tgt Ion:	128	Resp:	47471
Ion	Ratio	Lower	Upper
128	100		
49	152.6	0.0	367.5
130	127.9	0.0	318.8



Methylene Chloride
 Concen: 0.60 ug/l
 RT: 2.831 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VX019874.D
 Acq: 11 Dec 2020 13:30

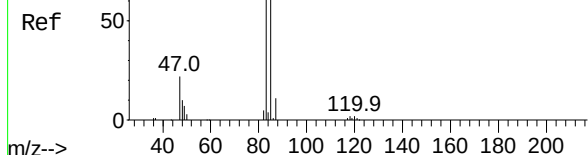
Tgt Ion:	84	Resp:	1900
Ion	Ratio	Lower	Upper
84	100		
49	112.8	90.6	136.0
51	38.4	26.3	39.5
86	58.8	51.3	76.9



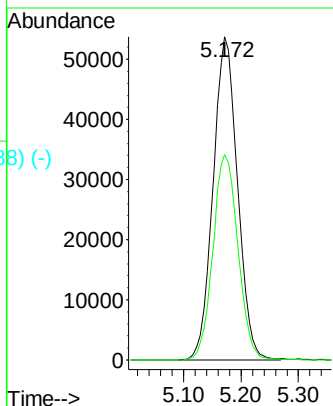
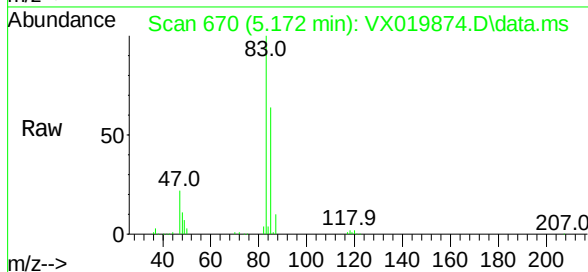
Abundance Scan 670 (5.172 min): VX019757.D\data.ms (-656) #25

Chloroform
Concen: 29.25 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

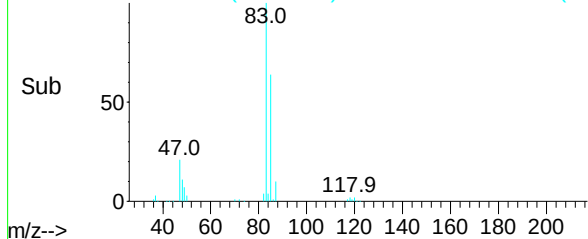
Instrument :
MSVOA_X
ClientSampled :
14B-2



Tgt Ion: 83 Resp: 158153
Ion Ratio Lower Upper
83 100
85 63.6 51.2 76.8



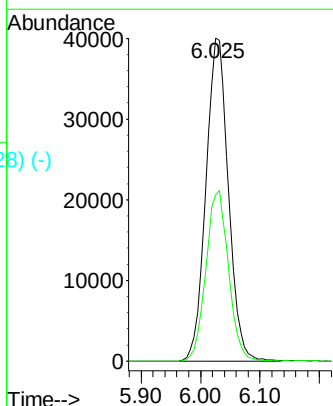
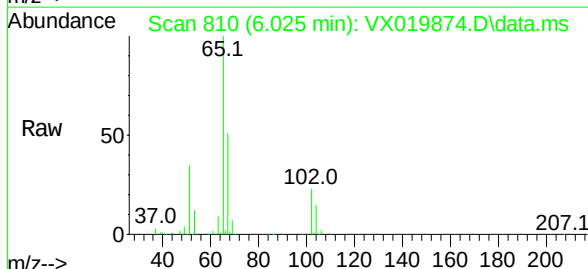
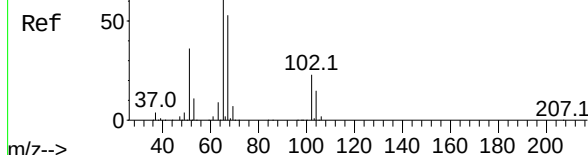
Abundance Scan 670 (5.172 min): VX019874.D\data.ms (-588) (-)



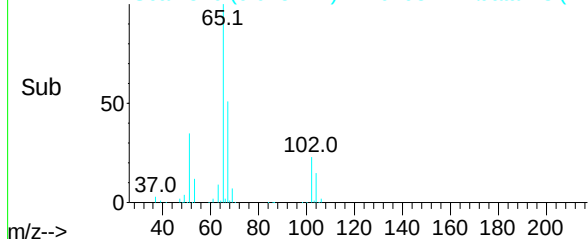
Abundance Scan 810 (6.025 min): VX019757.D\data.ms (-799) #27

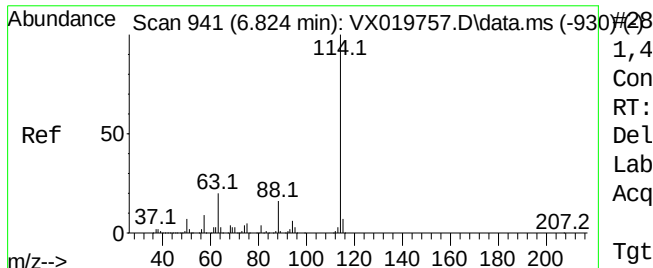
1,2-Dichloroethane-d4
Concen: 31.84 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 65 Resp: 104767
Ion Ratio Lower Upper
65 100
67 53.1 41.9 62.9



Abundance Scan 810 (6.025 min): VX019874.D\data.ms (-728) (-)

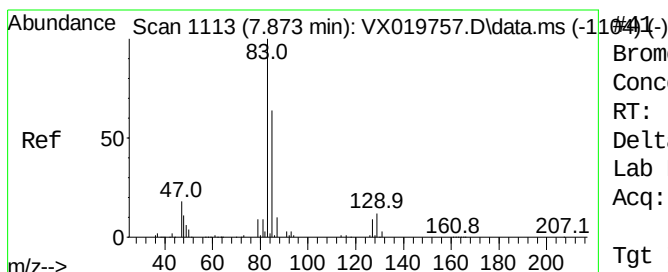
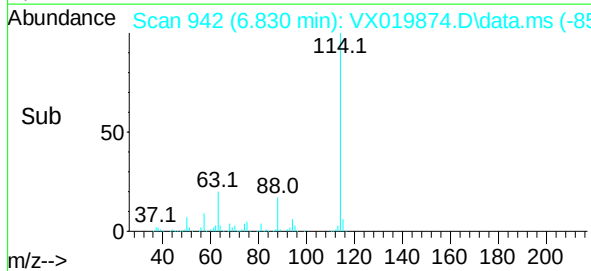
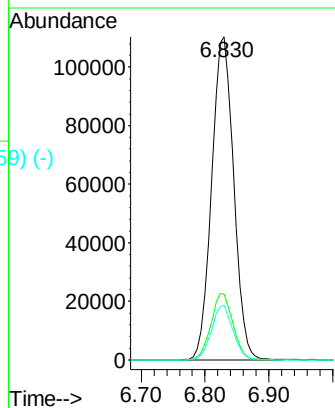
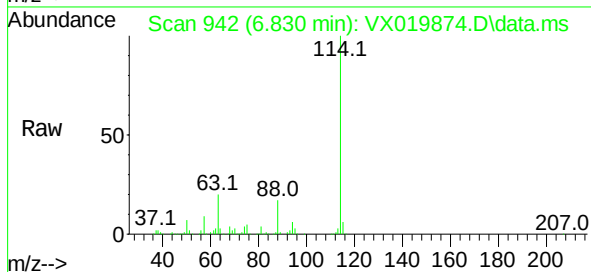




1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX019874.D
 Acq: 11 Dec 2020 13:30

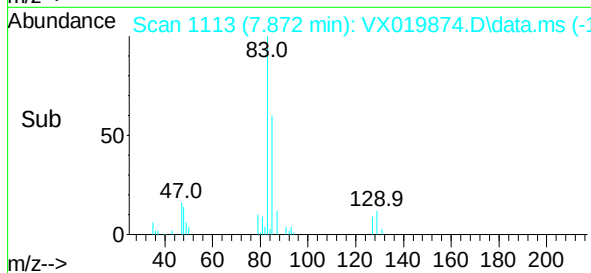
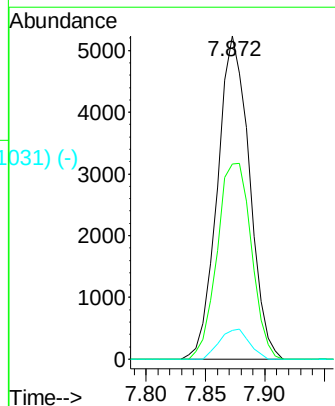
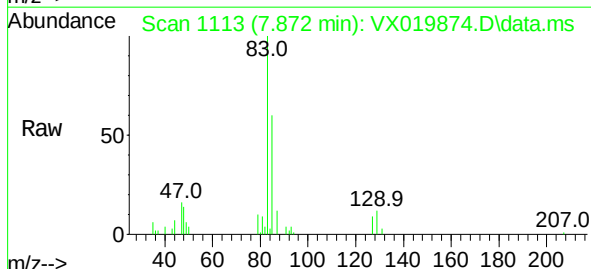
Instrument :
 MSVOA_X
 ClientSampled :
 14B-2

Tgt Ion:	114	Resp:	262782
Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.2	24.2
88	16.4	13.0	19.6



Bromodichloromethane
 Concen: 2.29 ug/l
 RT: 7.872 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: VX019874.D
 Acq: 11 Dec 2020 13:30

Tgt Ion:	83	Resp:	9763
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.0
127	9.0	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: VX019874.D
Acq: 11 Dec 2020 13:30

Instrument :
MSVOA_X
ClientSampled :
14B-2

Ref 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Tgt Ion:117 Resp: 237101
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.6
119 31.8 25.6 38.4

Abundance Scan 1478 (10.098 min): VX019874.D\data.ms

Raw 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

150000 10.098

100000

50000

0

Time--> 10.10

Abundance Scan 1478 (10.098 min): VX019874.D\data.ms (-1395) (-)

Sub 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Abundance Scan 1645 (11.116 min): VX019757.D\data.ms (-1640) (-)

4-Bromofluorobenzene
Concen: 27.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Ref 50 95.1 174.0

m/z--> 40 60 80 100 120 140 160 180 200

Tgt Ion: 95 Resp: 110230
Ion Ratio Lower Upper
95 100
174 78.2 63.0 94.4
176 75.6 59.9 89.9

Abundance Scan 1646 (11.122 min): VX019874.D\data.ms

Raw 50 95.1 176.0

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

80000 11.122

60000

40000

20000

0

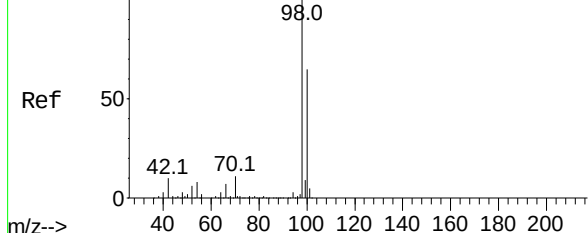
Time--> 11.05 11.10 11.15

Abundance Scan 1646 (11.122 min): VX019874.D\data.ms (-1563) (-)

Sub 50 95.1 176.0

m/z--> 40 60 80 100 120 140 160 180 200

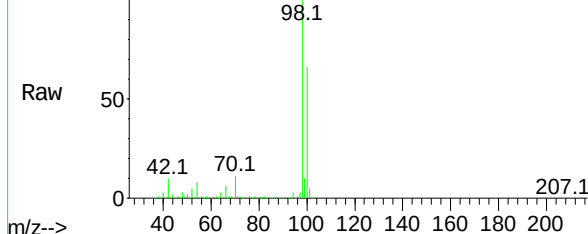
Abundance Scan 1247 (8.690 min): VX019757.D\data.ms (-12403-)



Toluene-d8
Concen: 29.80 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Abundance Scan 1248 (8.695 min): VX019874.D\data.ms



Tgt Ion:	98	Resp:	309549
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

Abundance Scan 1248 (8.695 min): VX019874.D\data.ms (-1165) (-)

