

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008071.D
 Acq On : 14 Mar 2019 15:26
 Operator : JC/SP
 Sample : K1822-02ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3-8-BODME

Quant Time: Mar 15 05:58:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

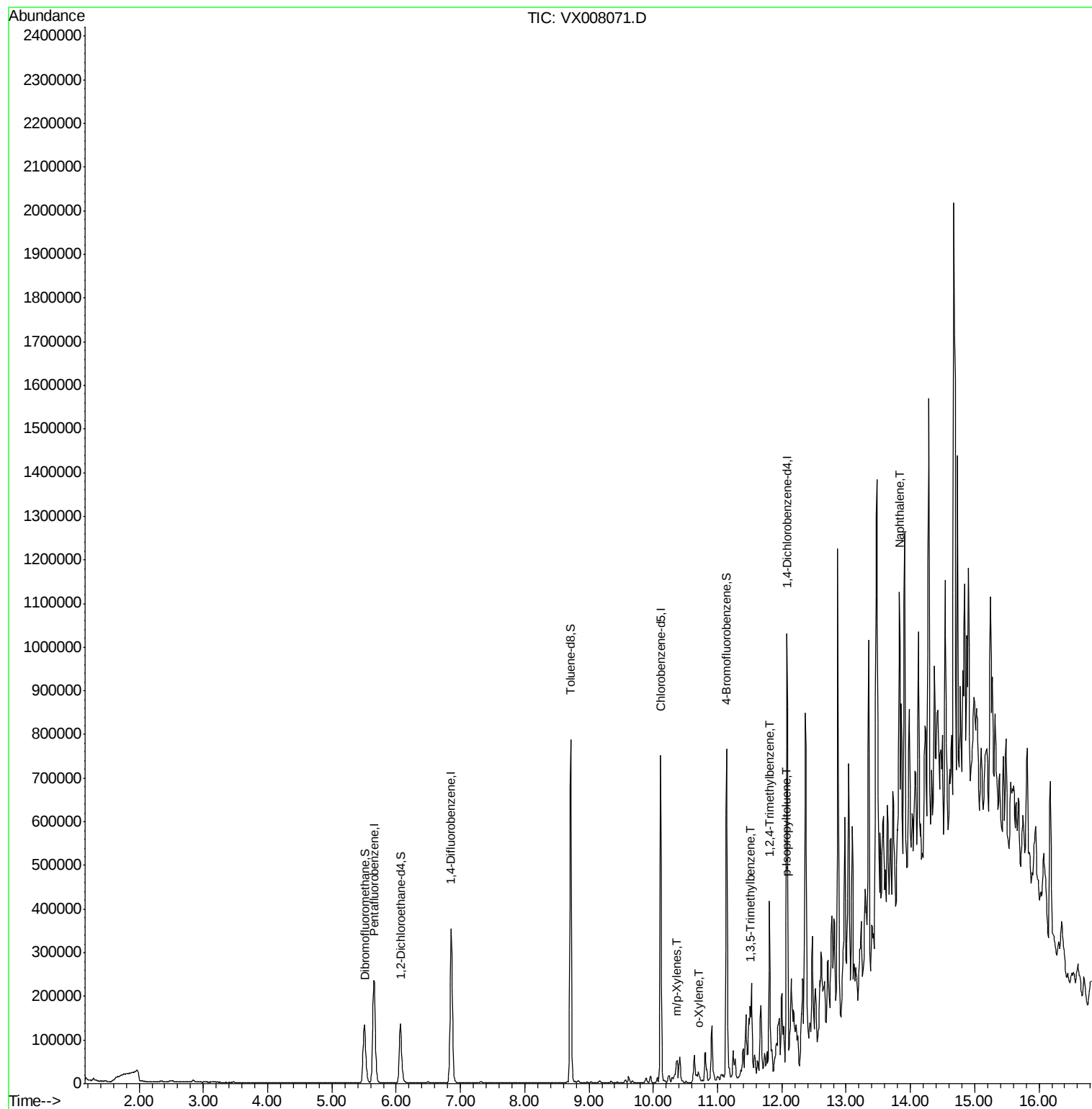
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130986	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	5.51	113	121769	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	489752	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	194441	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	8089	1.658	ug/l	98
69) o-Xylene	10.70	106	4866	1.023	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	52068	4.569	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	157501	13.400	ug/l	99
86) p-Isopropyltoluene	12.06	119	17281	1.404	ug/l	96
95) Naphthalene	13.83	128	242262	18.250	ug/l #	95

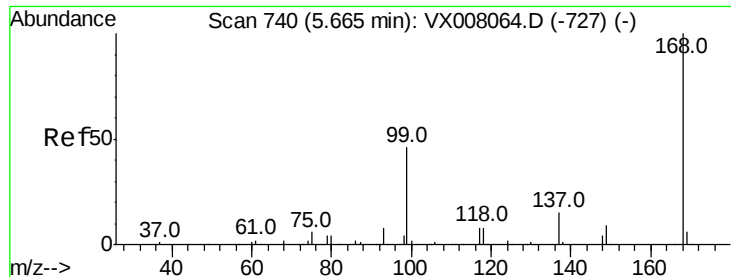
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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3-8-BODME

Quant Time: Mar 15 05:58:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

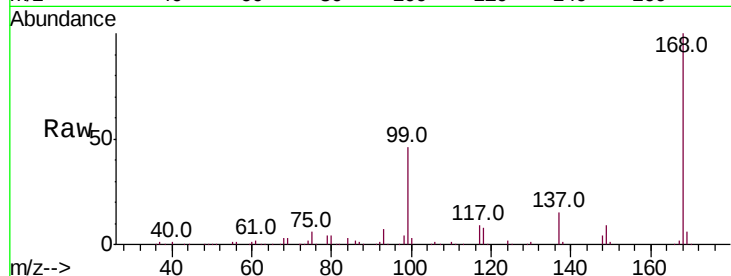
3-8-BODME

Tot Ion:168 Resp: 259451

Ion Ratio Lower Upper

168 100

99 45.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

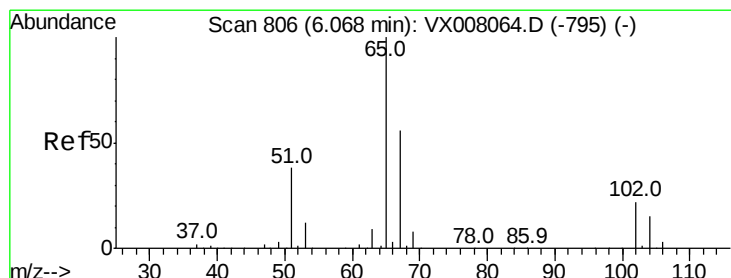
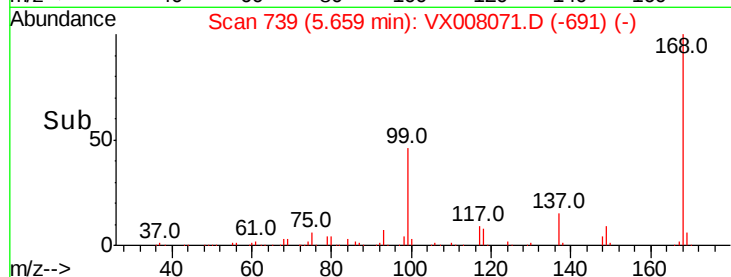
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.048 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008071.D

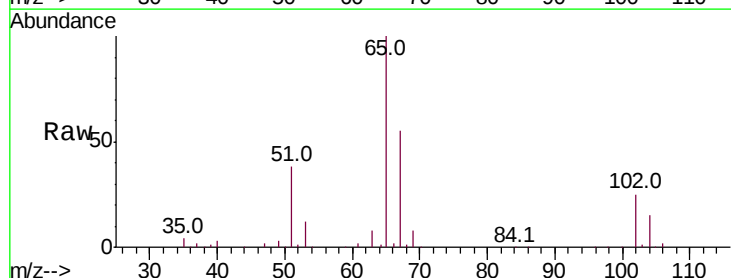
Acq: 14 Mar 2019 15:26

Tgt Ion: 65 Resp: 130986

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

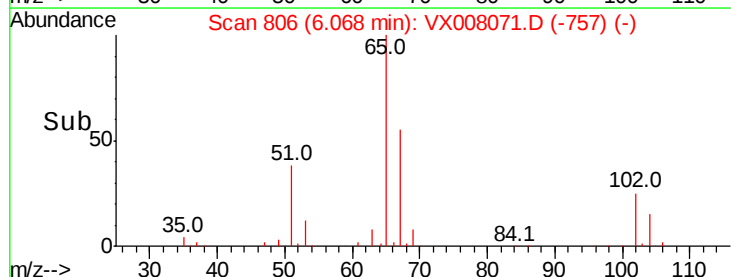
30000

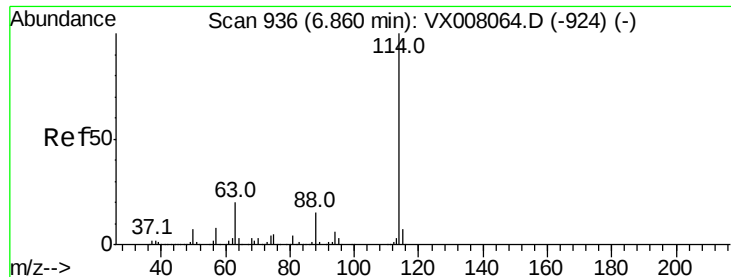
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

3-8-BODME

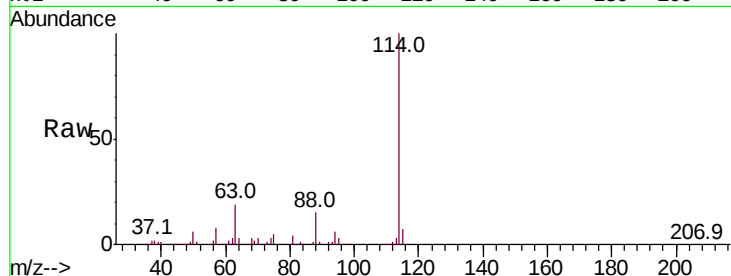
Tot Ion:114 Resp: 397040

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

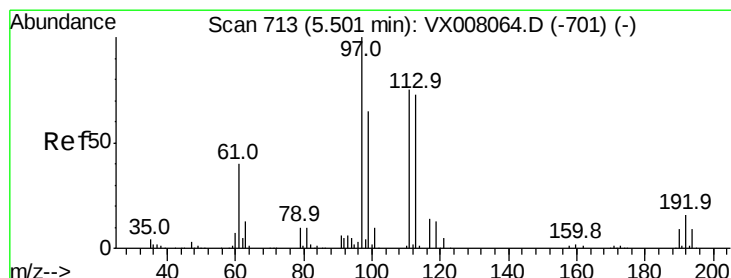
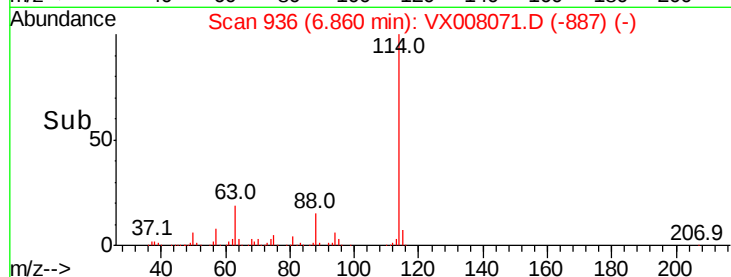
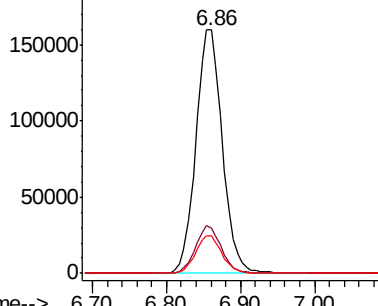
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.363 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

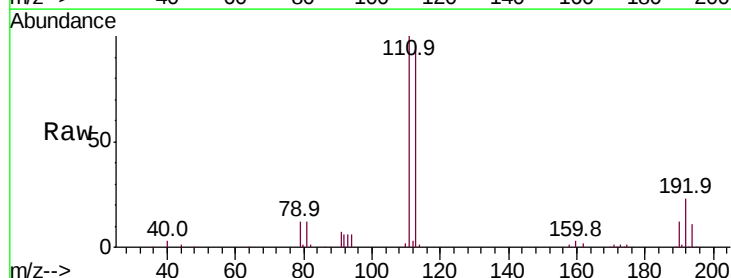
Tgt Ion:113 Resp: 121769

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

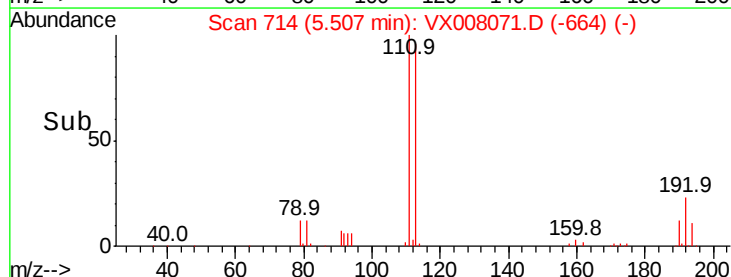
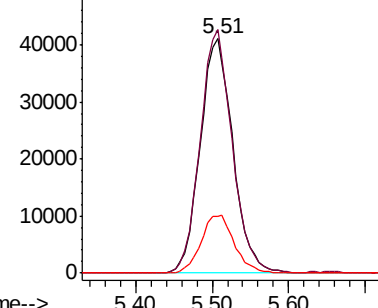
192 25.1 19.4 29.0

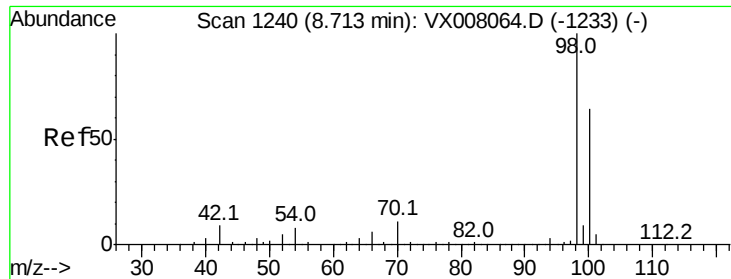


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.144 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

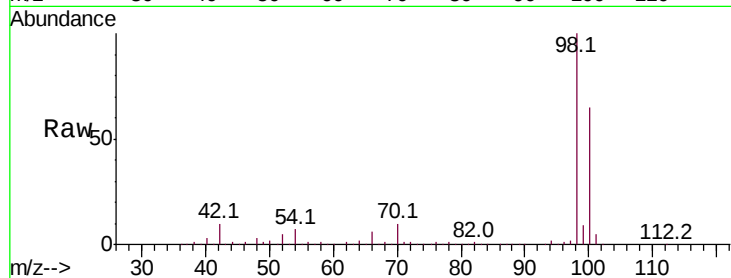
3-8-BODME

Tot Ion: 98 Resp: 489752

Ion Ratio Lower Upper

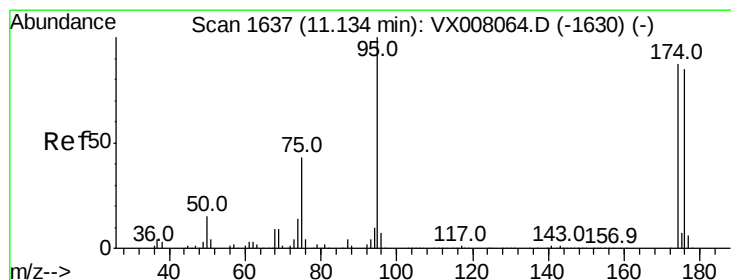
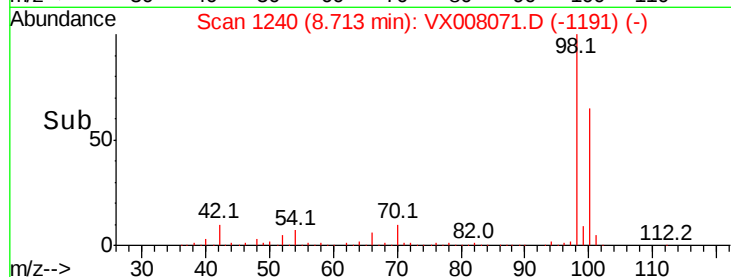
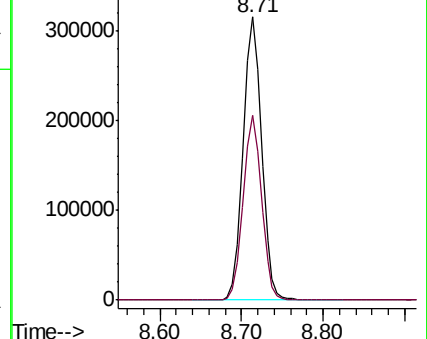
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 56.681 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

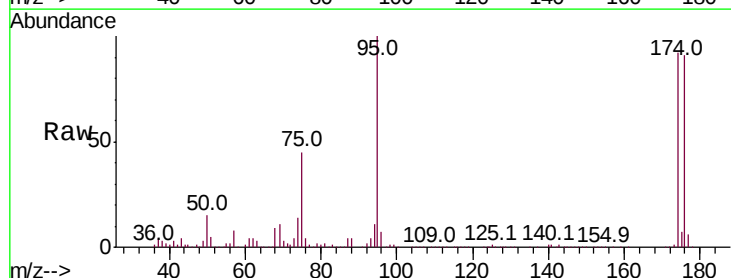
Tgt Ion: 95 Resp: 194441

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.8

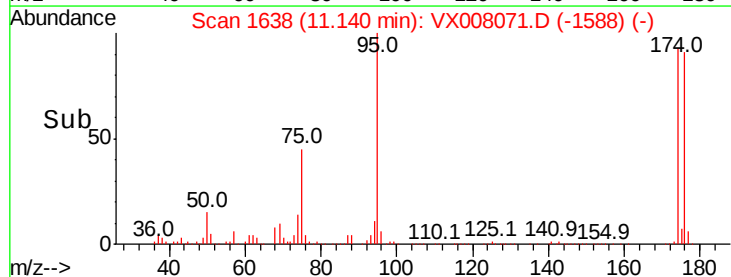
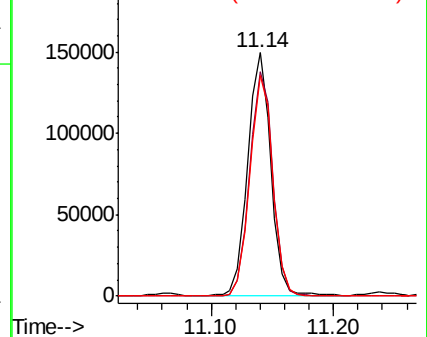
176 90.6 0.0 178.0

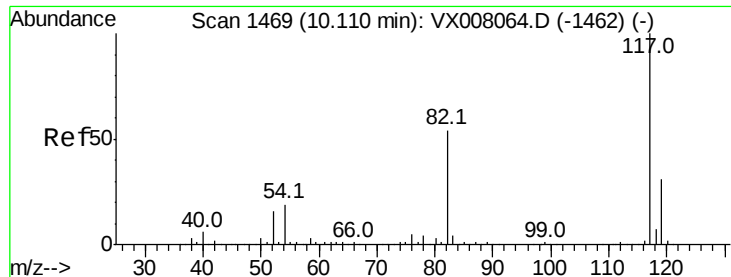


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

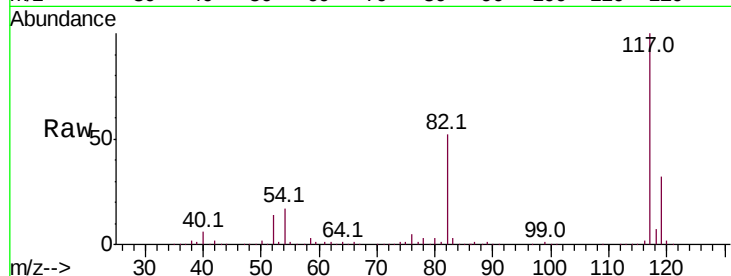




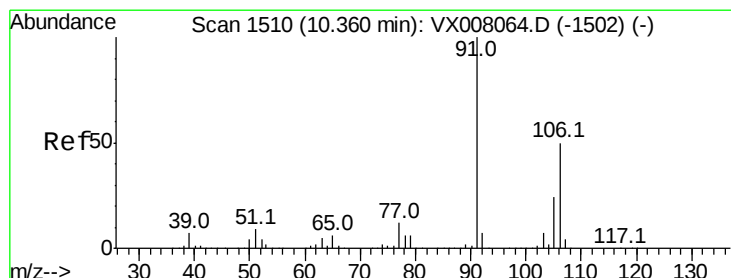
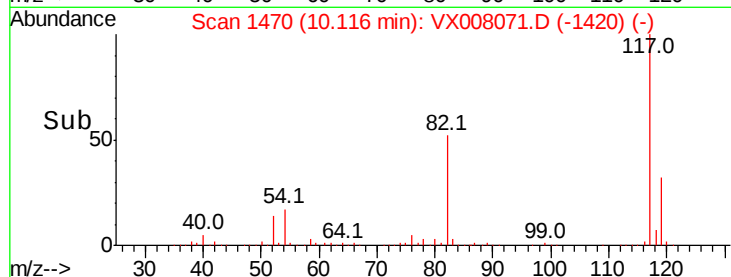
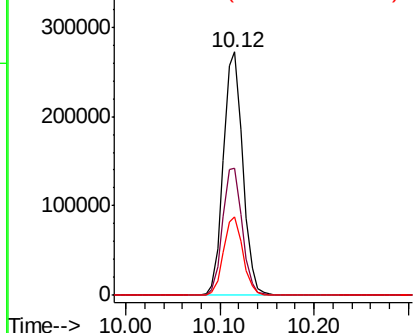
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008071.D
Acq: 14 Mar 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
3-8-BODME

Tot Ion:117 Resp: 388200
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 32.3 25.3 37.9

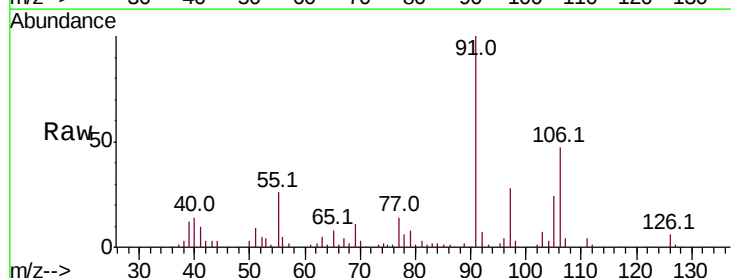


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

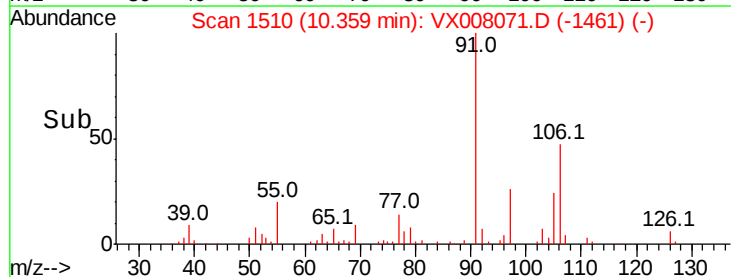
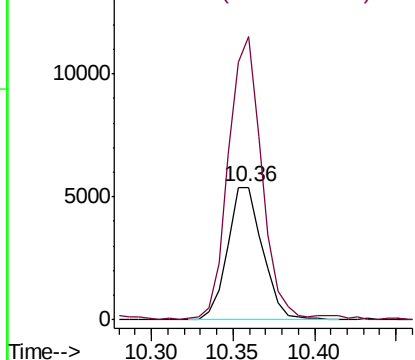


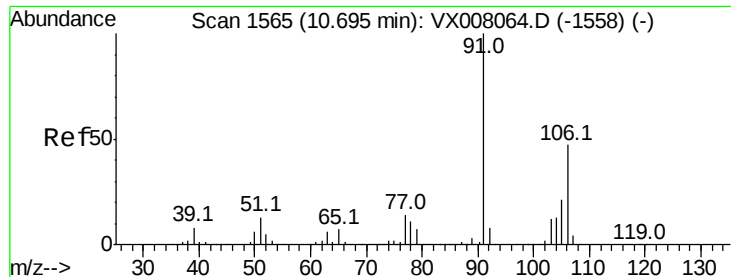
#68
m/p-Xylenes
Concen: 1.658 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008071.D
Acq: 14 Mar 2019 15:26

Tgt Ion:106 Resp: 8089
Ion Ratio Lower Upper
106 100
91 202.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

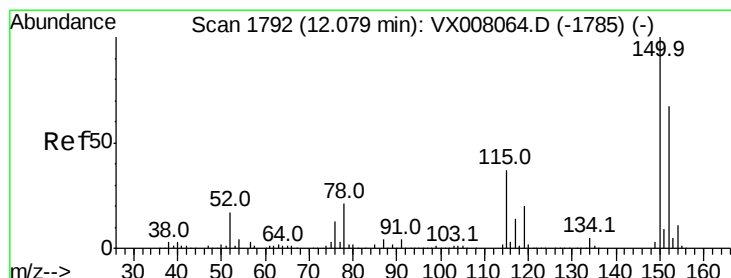
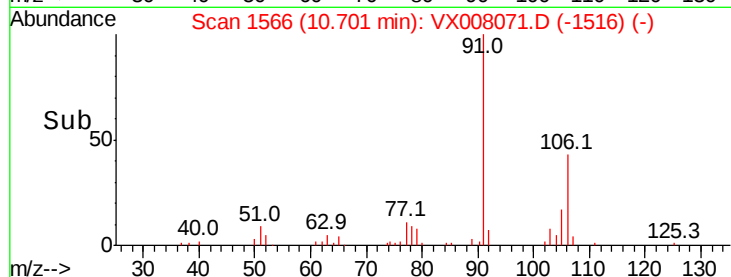
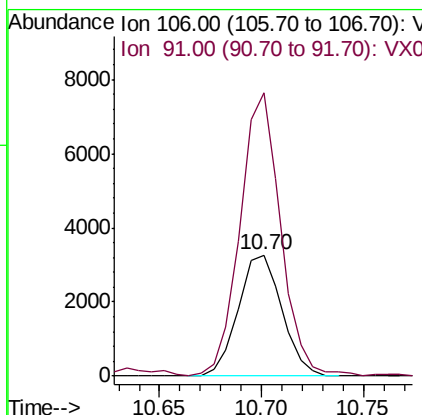
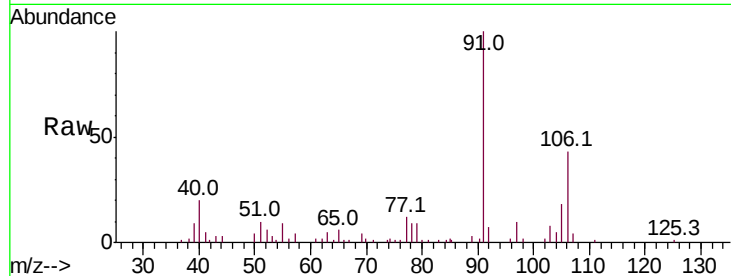




#69
o-Xylene
Concen: 1.023 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008071.D
Acq: 14 Mar 2019 15:26

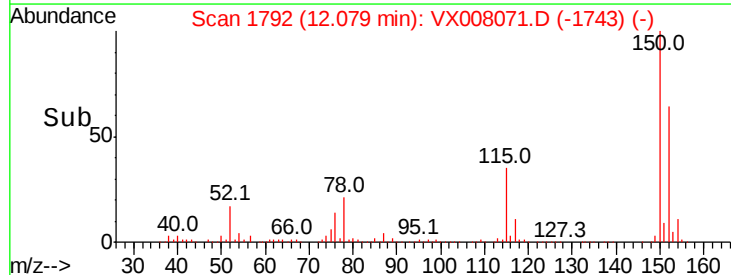
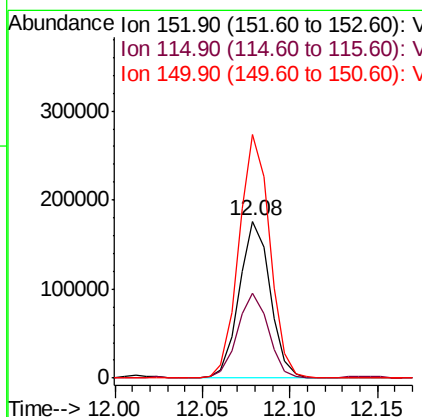
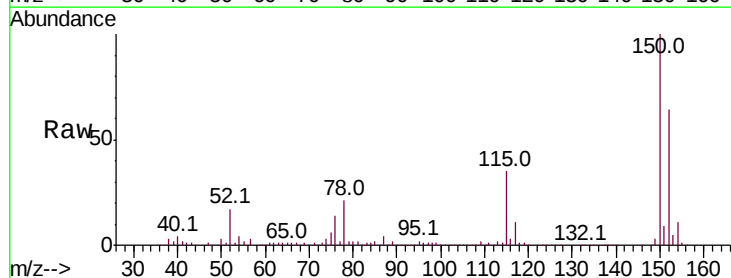
Instrument :
MSVOA_X
ClientSampled :
3-8-BODME

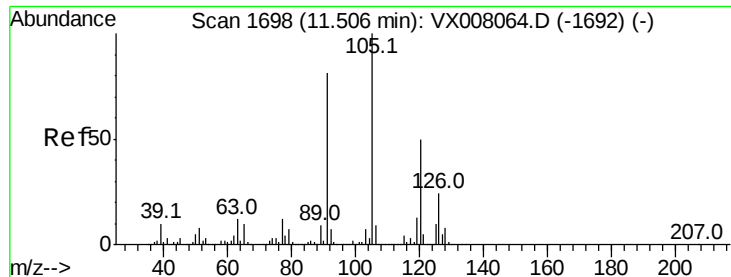
Tot Ion:106 Resp: 4866
Ion Ratio Lower Upper
106 100
91 217.8 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008071.D
Acq: 14 Mar 2019 15:26

Tgt Ion:152 Resp: 215903
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 155.5 0.0 348.4





#80

1,3,5-Trimethylbenzene

Concen: 4.569 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008071.D

Acq: 14 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

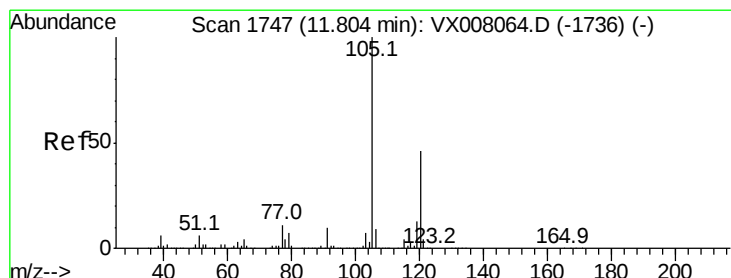
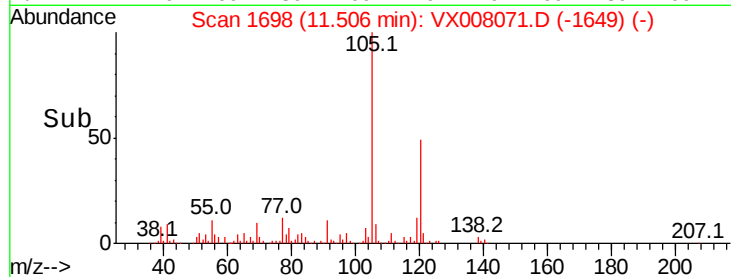
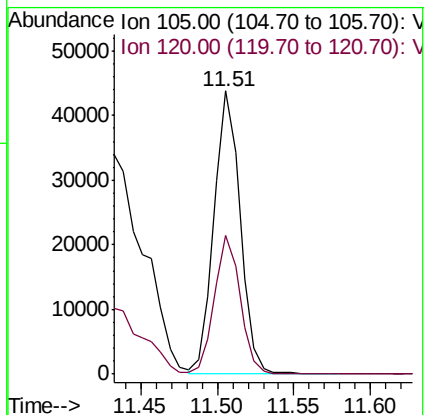
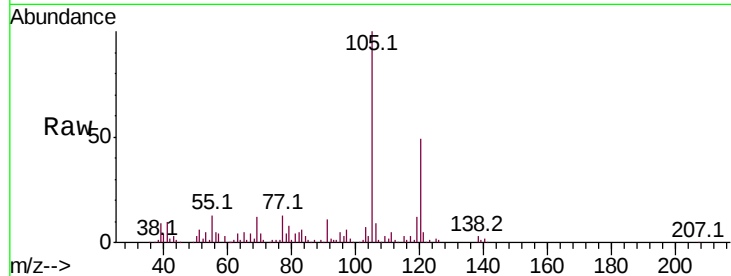
3-8-BODME

Tot Ion:105 Resp: 52068

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.6



#84

1,2,4-Trimethylbenzene

Concen: 13.400 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008071.D

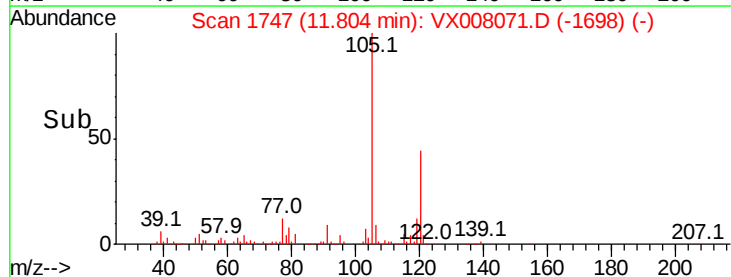
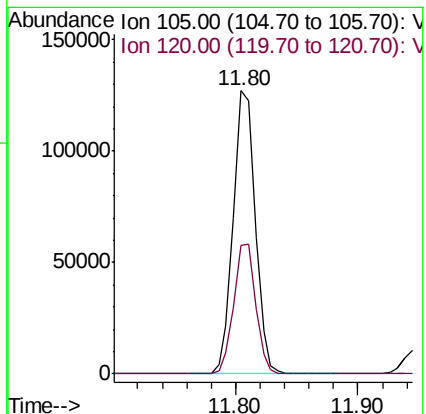
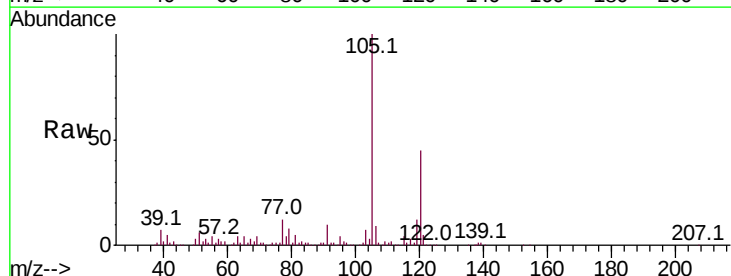
Acq: 14 Mar 2019 15:26

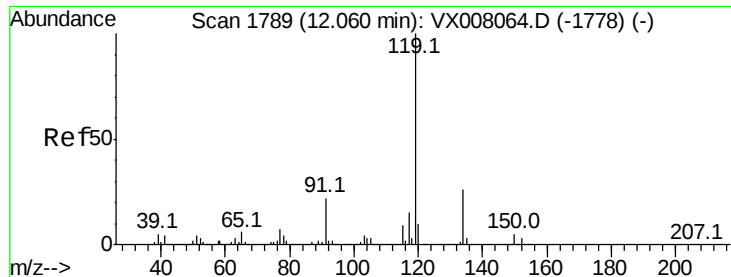
Tgt Ion:105 Resp: 157501

Ion Ratio Lower Upper

105 100

120 45.9 22.6 67.7

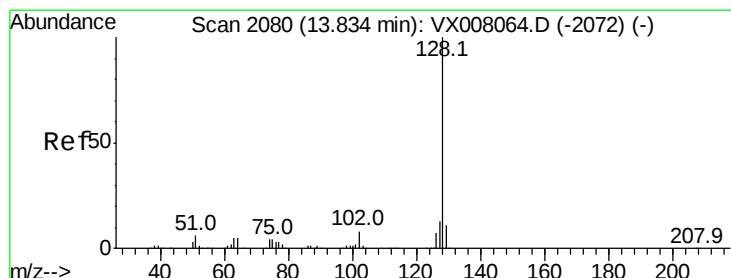
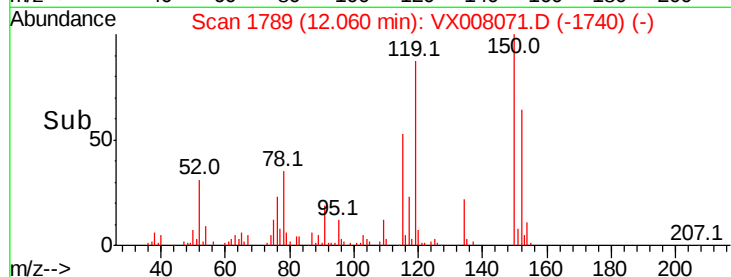
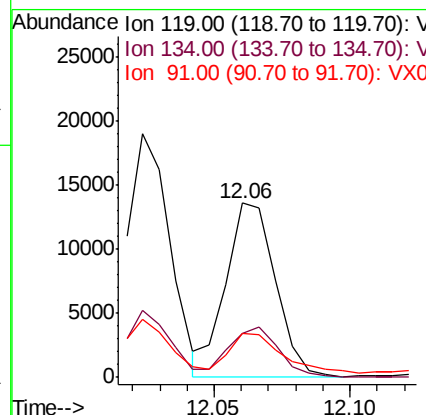
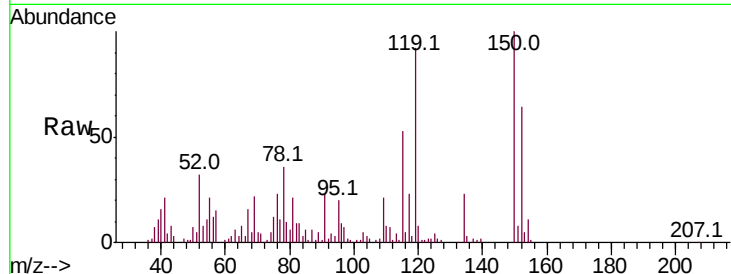




#86
 p-Isopropyltoluene
 Concen: 1.404 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008071.D
 Acq: 14 Mar 2019 15:26

Instrument :
 MSVOA_X
 ClientSampled :
 3-8-BODME

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.3	39.9
91	23.0	10.9	32.7



#95
 Naphthalene
 Concen: 18.250 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008071.D
 Acq: 14 Mar 2019 15:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	13.9	8.7	13.1#

