

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011024.D
 Acq On : 22 Jul 2019 12:42
 Operator : JC/SP
 Sample : K3615-05ME
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

Quant Time: Jul 23 06:34:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

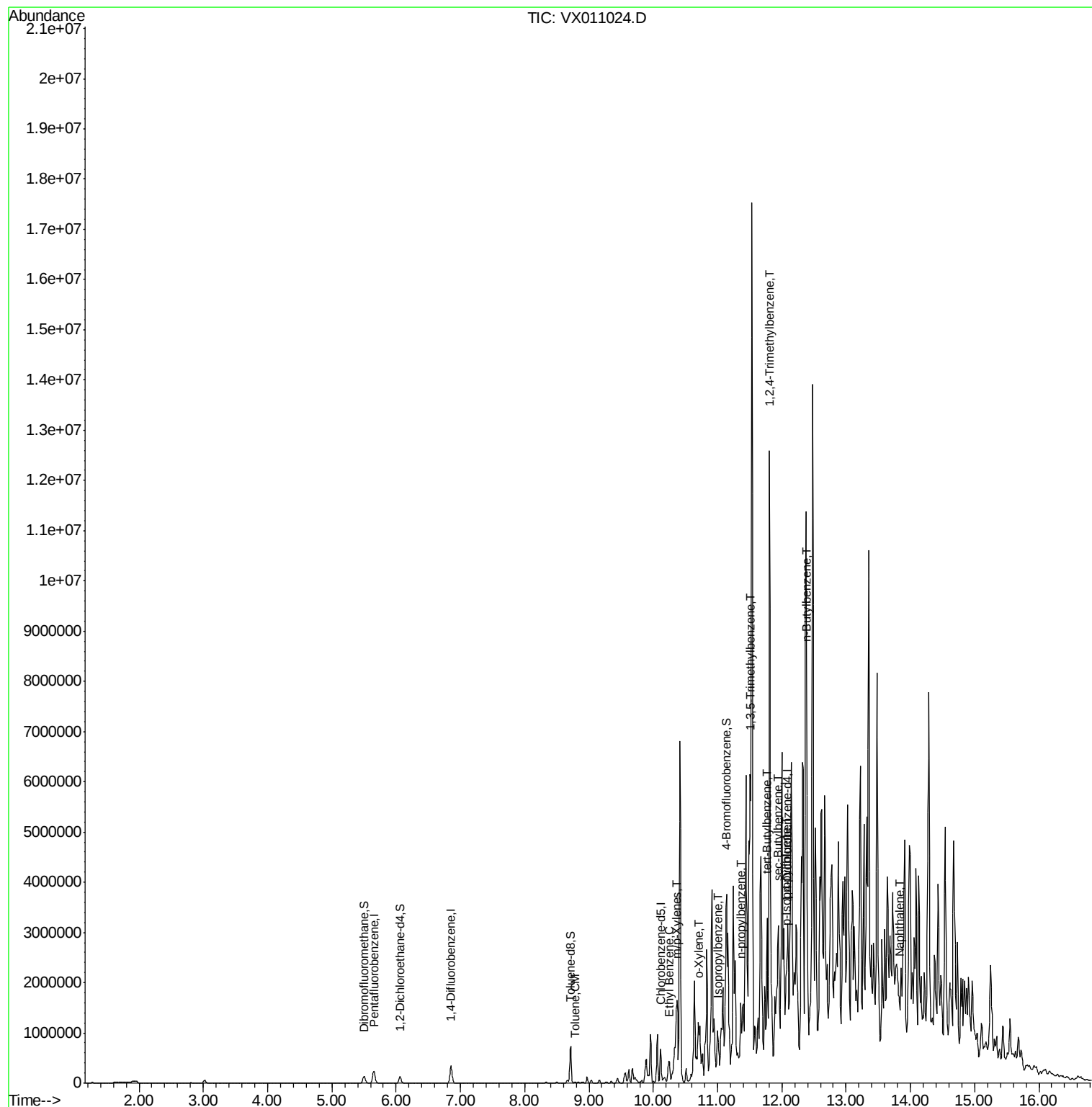
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	235930	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	365872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126109	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.50	113	109162	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	8.71	98	428604	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.14	95	193070	60.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.62%	
Target Compounds						
52) Toluene	8.78	92	7353	1.216	ug/l	99
67) Ethyl Benzene	10.25	91	117406	10.370	ug/l	99
68) m/p-Xylenes	10.36	106	232539	53.546	ug/l	99
69) o-Xylene	10.70	106	202618	47.805	ug/l	98
73) Isopropylbenzene	11.02	105	114875	9.237	ug/l	100
78) n-propylbenzene	11.36	91	738446	53.739	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2043109	196.606	ug/l	99
83) tert-Butylbenzene	11.77	119	22527m	2.207	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	4673618	446.212	ug/l	99
85) sec-Butylbenzene	11.94	105	378744	31.666	ug/l	98
86) p-Isopropyltoluene	12.07	119	360934	32.642	ug/l	100
89) n-Butylbenzene	12.39	91	1565233	165.460	ug/l #	51
95) Naphthalene	13.83	128	267621	22.666	ug/l #	88

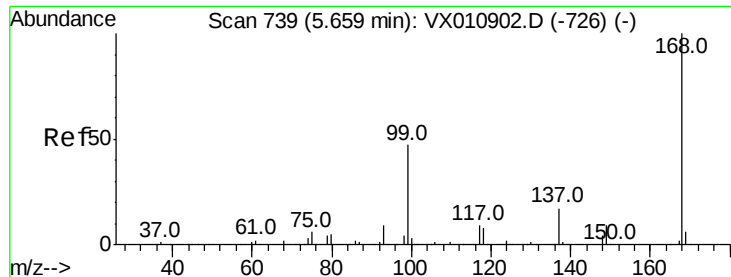
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072219\
Data File : VX011024.D
Acq On : 22 Jul 2019 12:42
Operator : JC/SP
Sample : K3615-05ME
Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

Quant Time: Jul 23 06:34:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

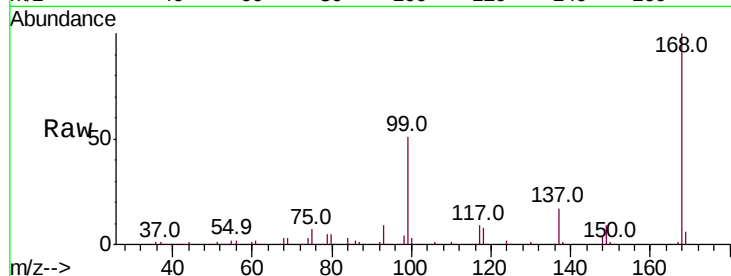
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

Tot Ion:168 Resp: 235930

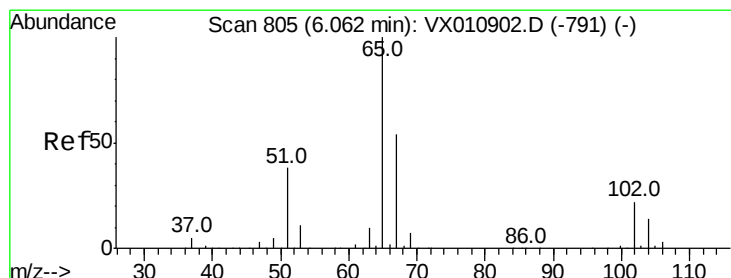
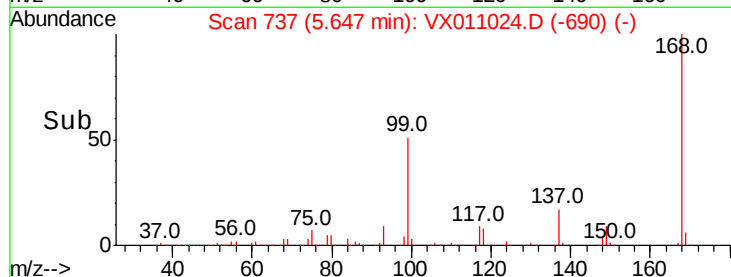
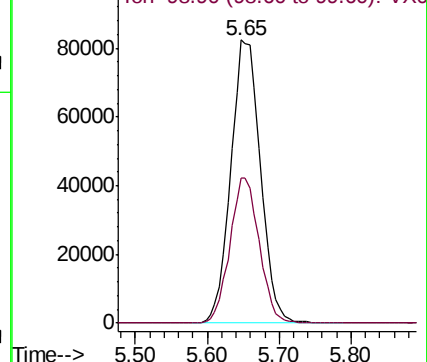
Ion Ratio Lower Upper

168 100

99 51.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX011024.D (-690) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.244 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011024.D

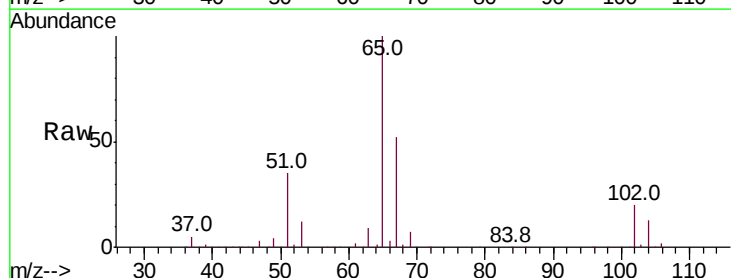
Acq: 22 Jul 2019 12:42

Tgt Ion: 65 Resp: 126109

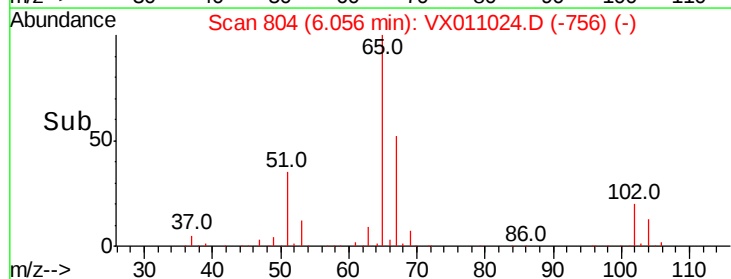
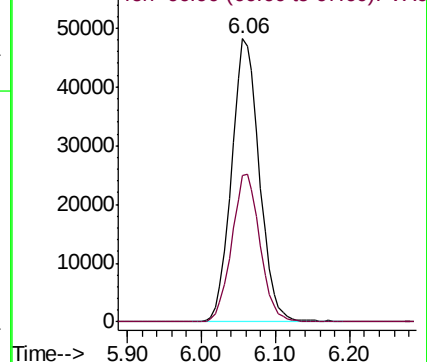
Ion Ratio Lower Upper

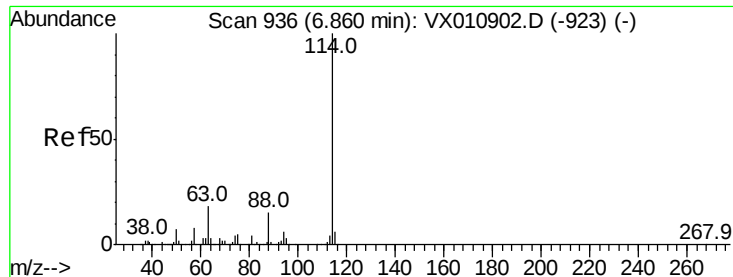
65 100

67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX011024.D (-756) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

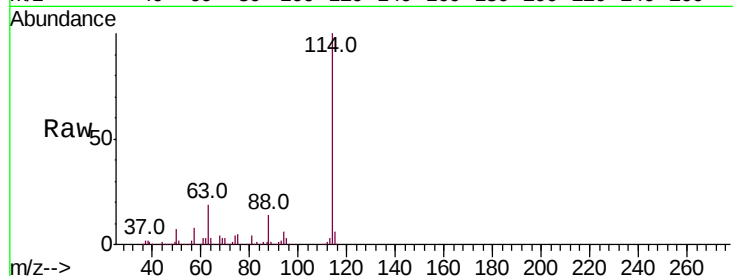
Tot Ion:114 Resp: 365872

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

88 14.0 0.0 29.8



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

200000

150000

100000

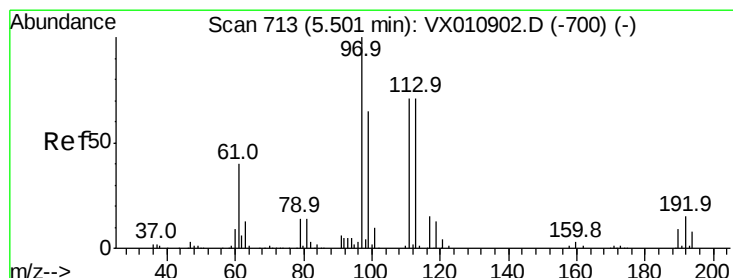
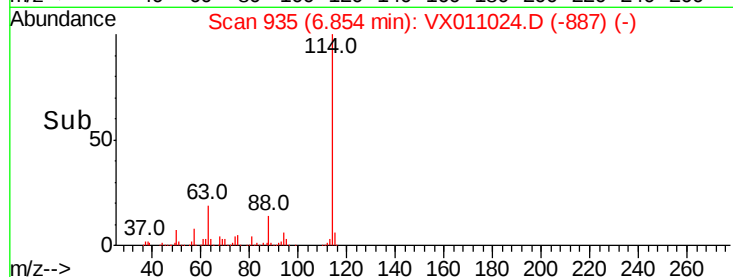
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

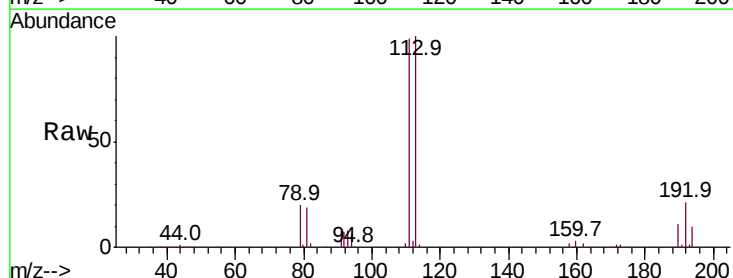
Tgt Ion:113 Resp: 109162

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 21.9 17.4 26.2



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

50000

40000

30000

20000

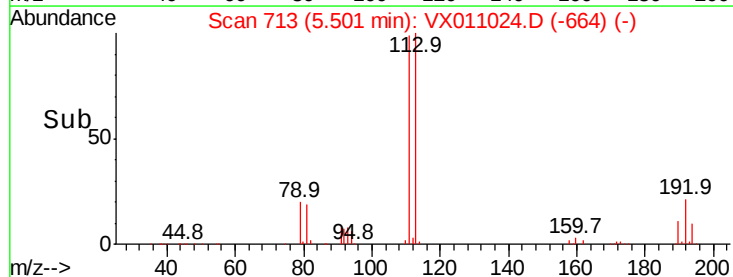
10000

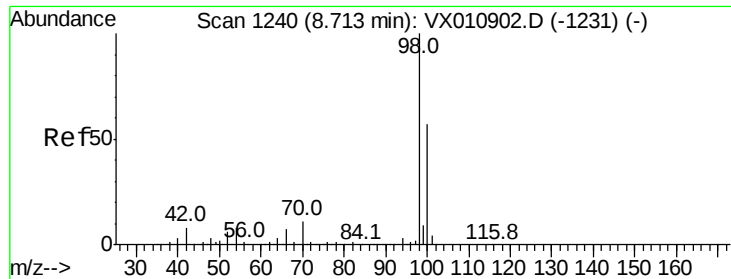
0

5.50

5.40 5.50 5.60

Time-->

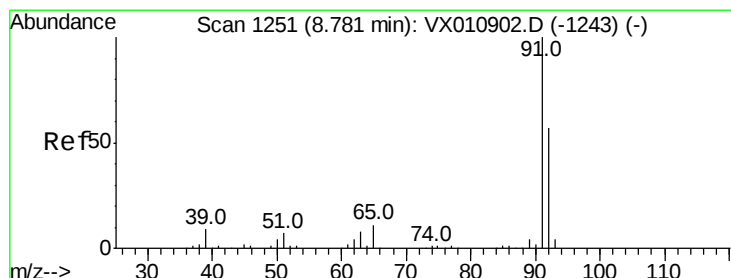
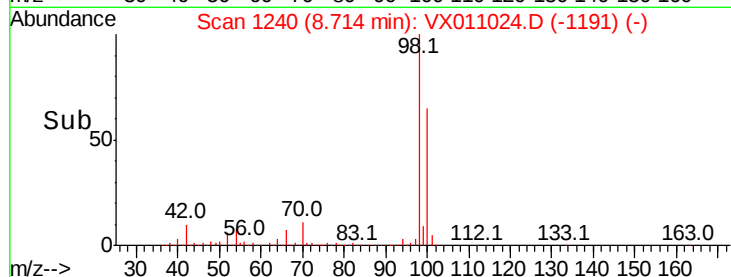
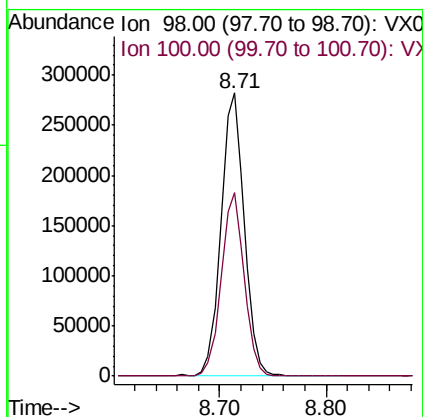
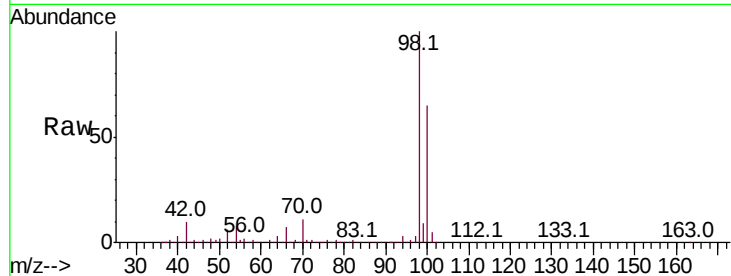




#50
Toluene-d8
Concen: 49.208 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

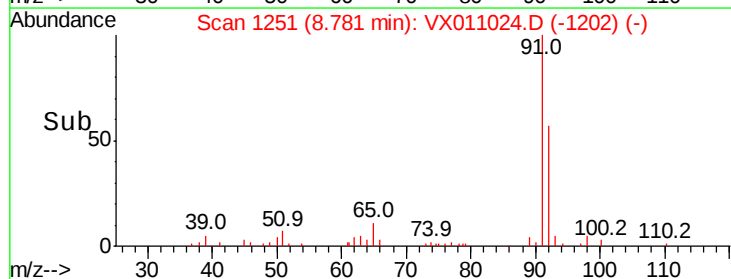
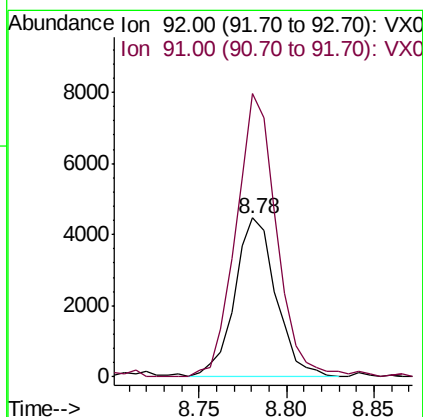
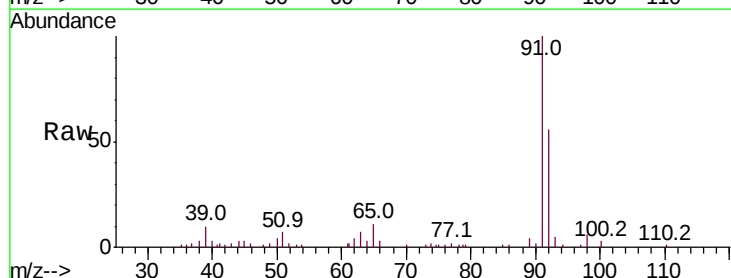
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

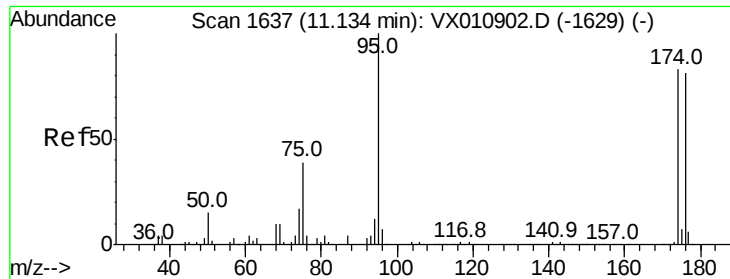
Tot Ion: 98 Resp: 428604
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8



#52
Toluene
Concen: 1.216 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 92 Resp: 7353
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 60.306 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

HR-06-071719-CME

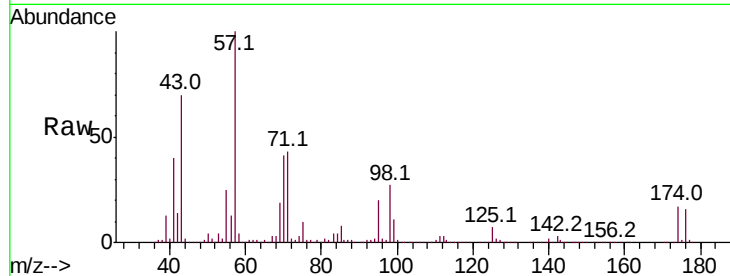
Tot Ion: 95 Resp: 193070

Ion Ratio Lower Upper

95 100

174 71.9 0.0 180.6

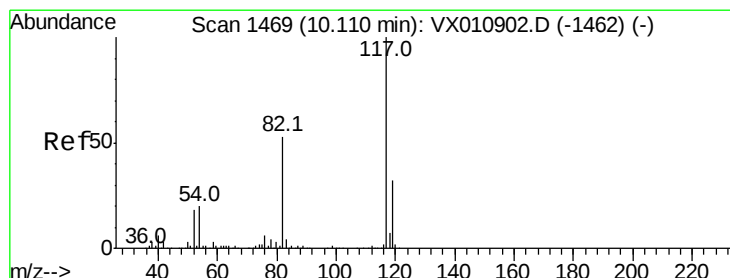
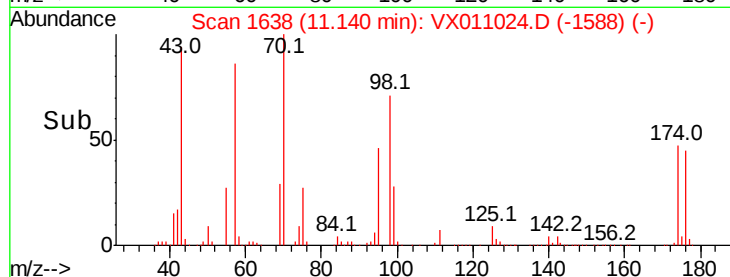
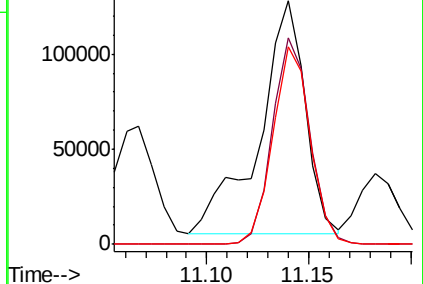
176 68.9 0.0 173.8



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: VX011024.D

Acq: 22 Jul 2019 12:42

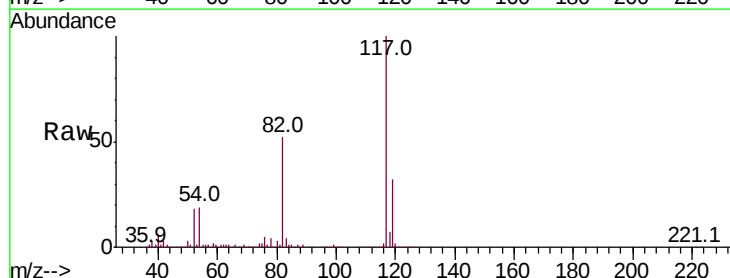
Tgt Ion: 117 Resp: 323840

Ion Ratio Lower Upper

117 100

82 52.0 42.6 63.8

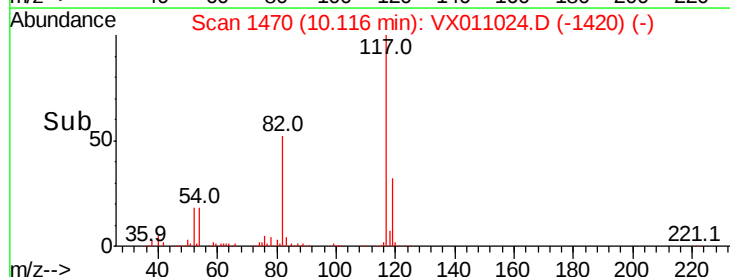
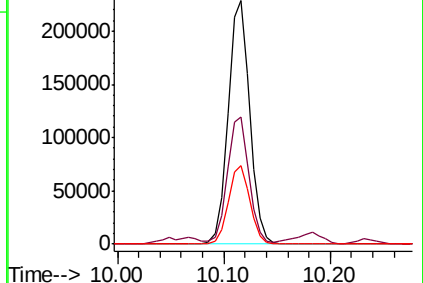
119 32.3 25.9 38.9

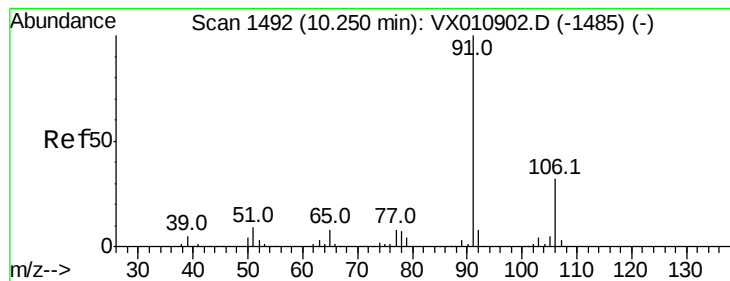


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 10.370 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

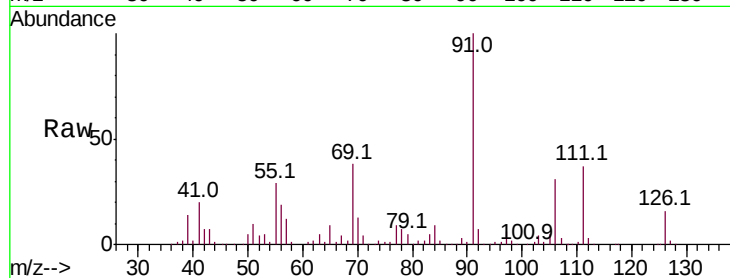
HR-06-071719-CME

Tot Ion: 91 Resp: 117406

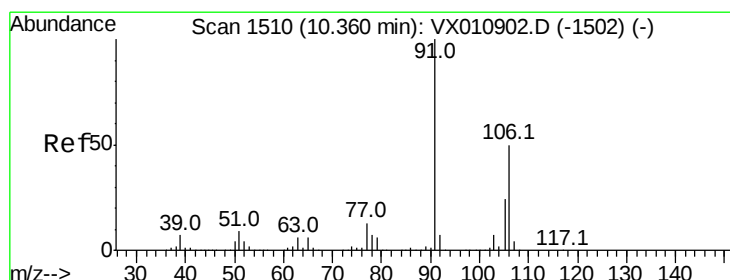
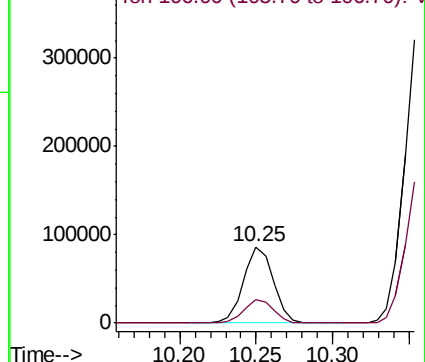
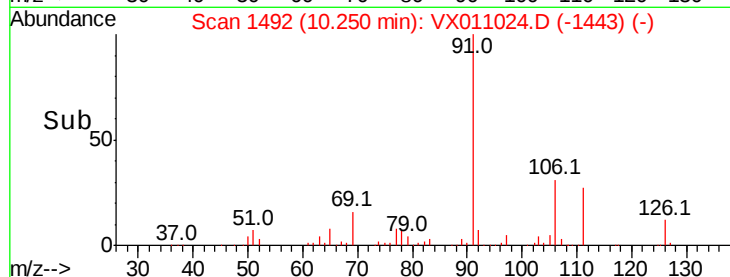
Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX011024.D (-1443) (-)



#68

m/p-Xylenes

Concen: 53.546 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011024.D

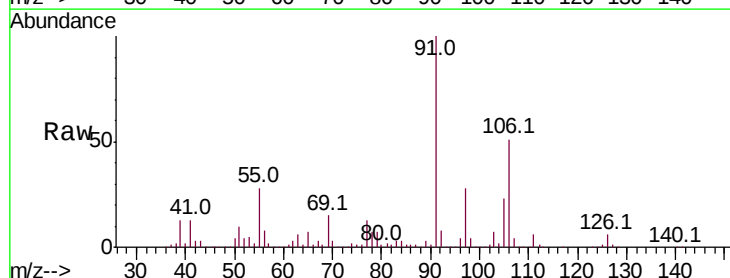
Acq: 22 Jul 2019 12:42

Tgt Ion: 106 Resp: 232539

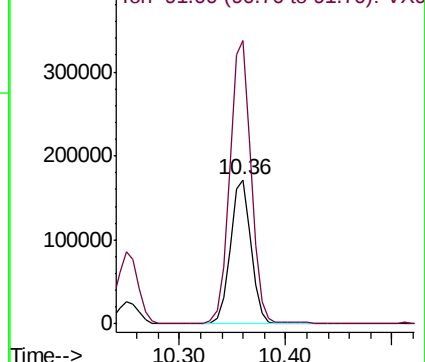
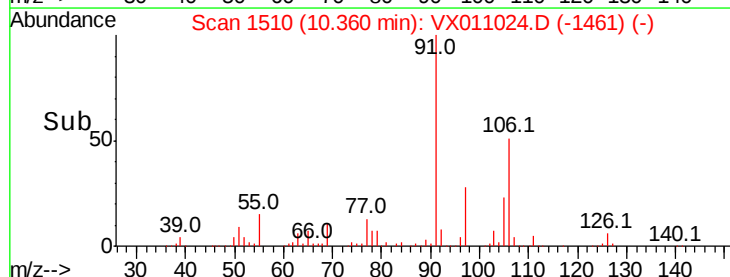
Ion Ratio Lower Upper

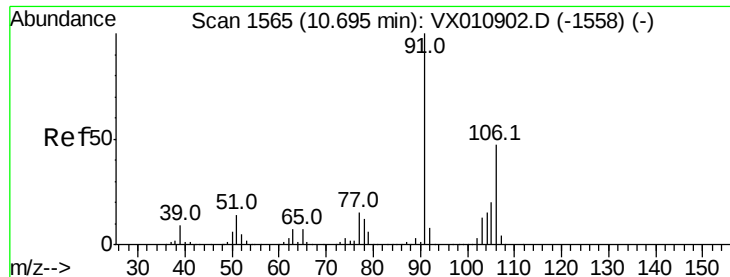
106 100

91 201.1 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VX011024.D (-1461) (-)

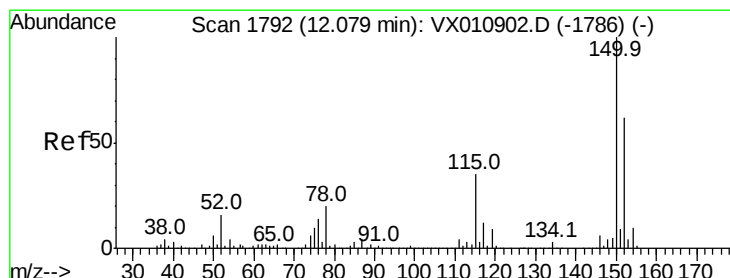
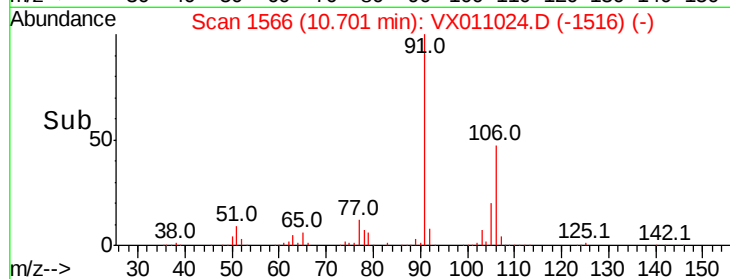
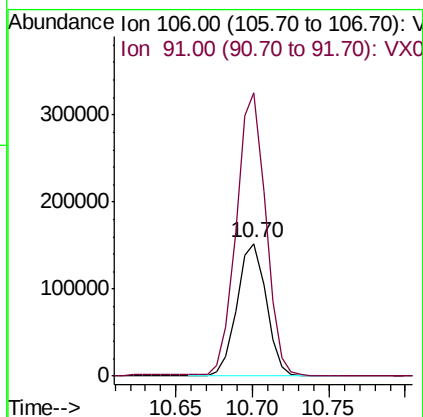
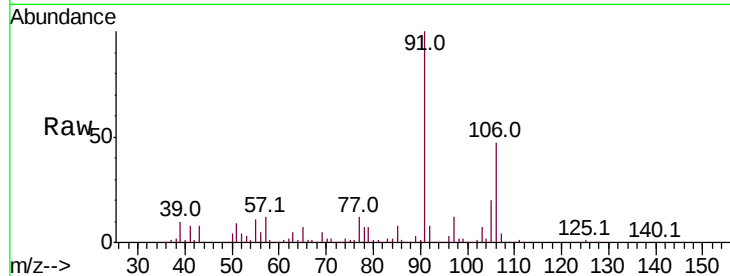




#69
o-Xylene
Concen: 47.805 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

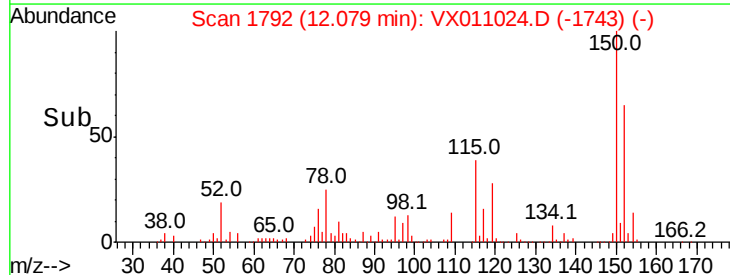
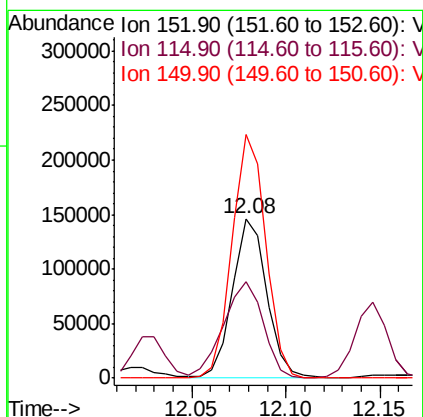
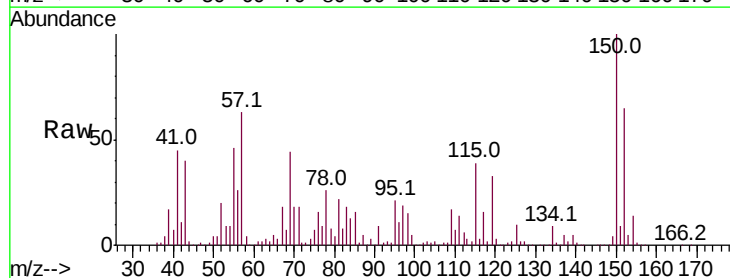
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

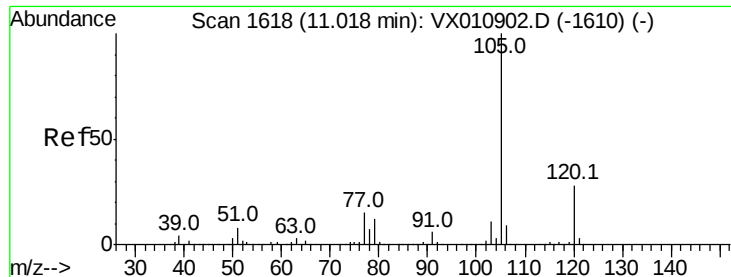
Tot Ion:106 Resp: 202618
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion:152 Resp: 184053
Ion Ratio Lower Upper
152 100
115 69.4 39.7 119.1
150 150.1 0.0 345.6





#73

Isopropylbenzene

Concen: 9.237 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011024.D

Acq: 22 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

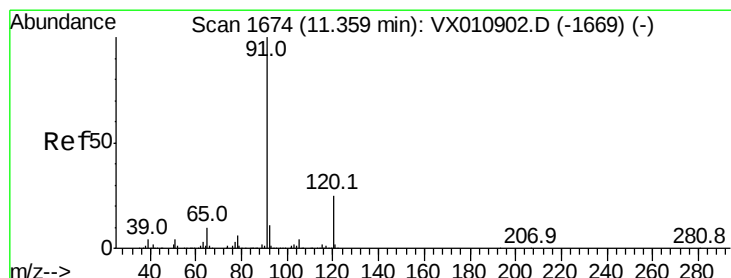
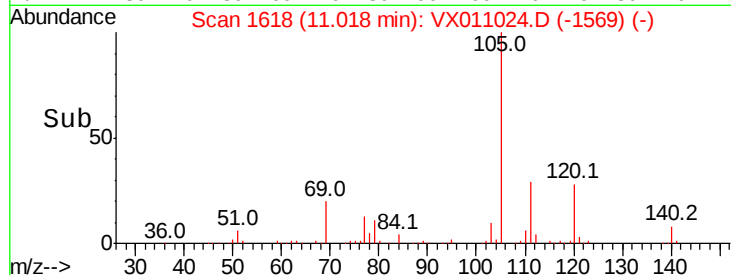
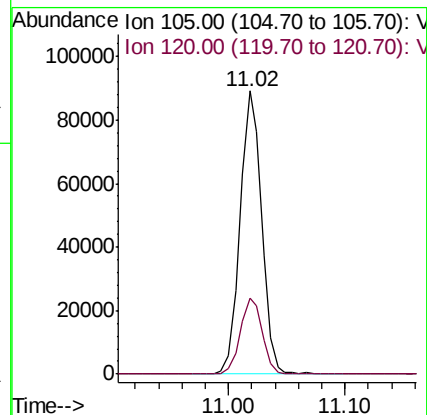
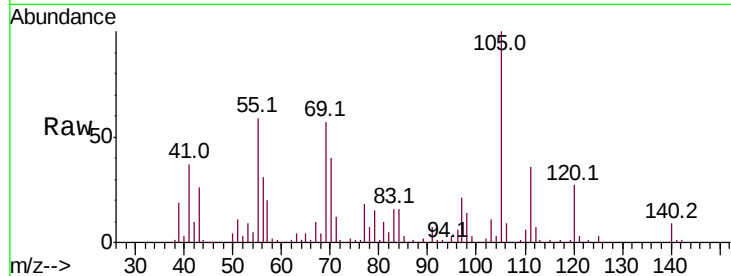
HR-06-071719-CME

Tot Ion:105 Resp: 114875

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#78

n-propylbenzene

Concen: 53.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011024.D

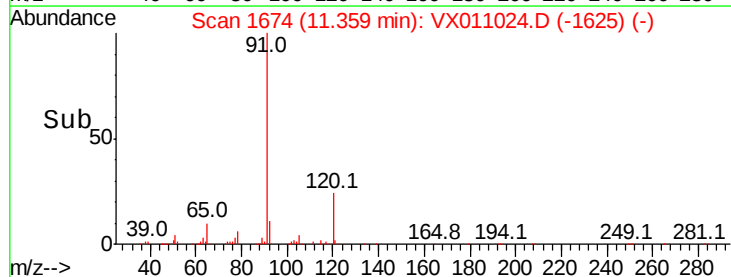
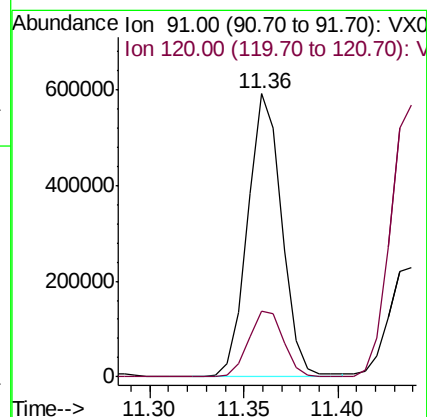
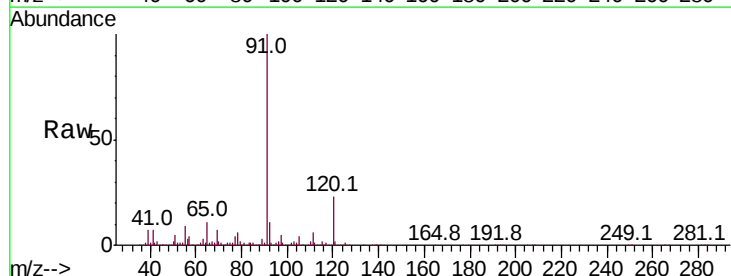
Acq: 22 Jul 2019 12:42

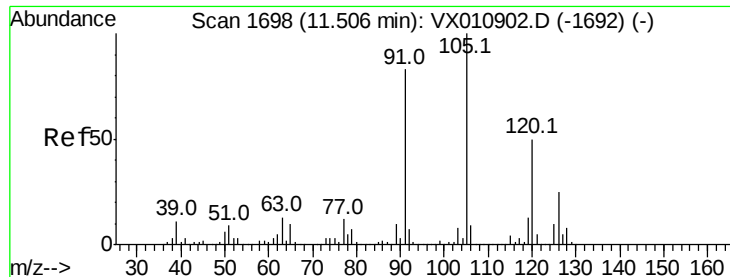
Tgt Ion: 91 Resp: 738446

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8

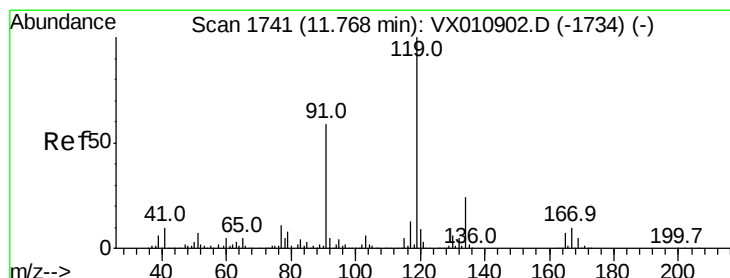
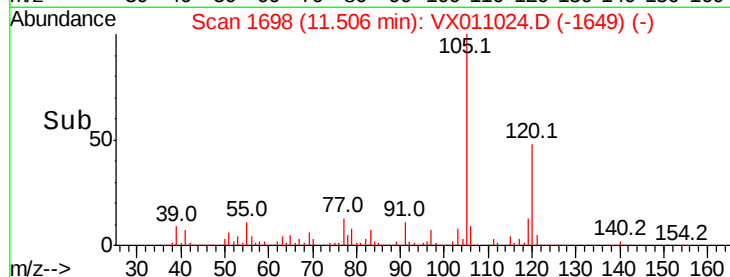
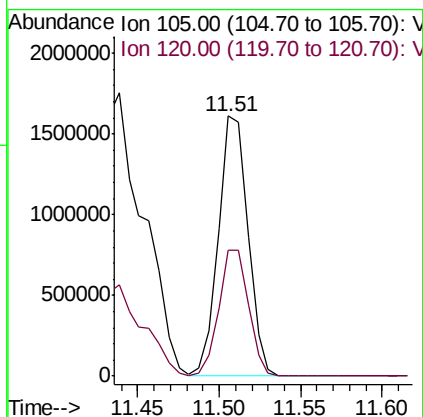
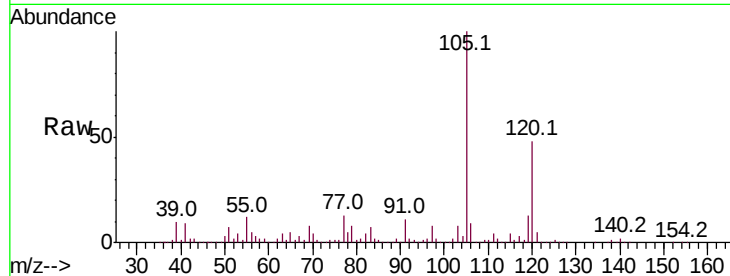




#80
 1,3,5-Trimethylbenzene
 Concen: 196.606 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

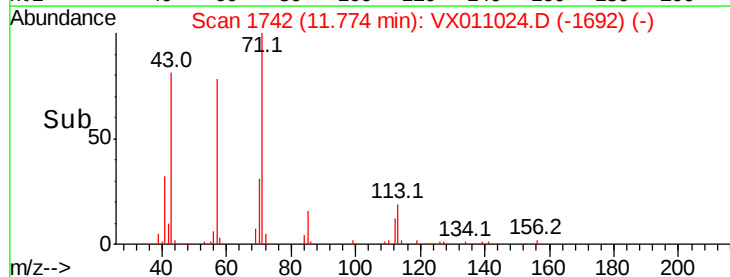
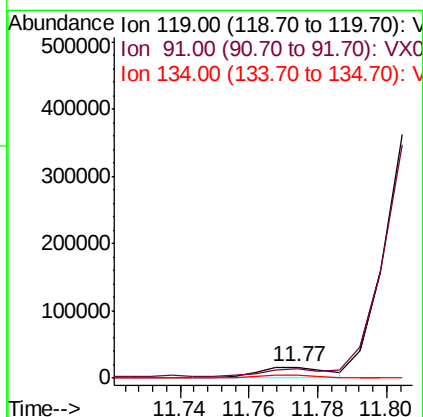
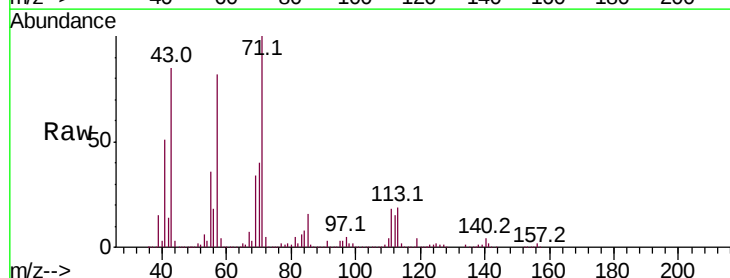
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

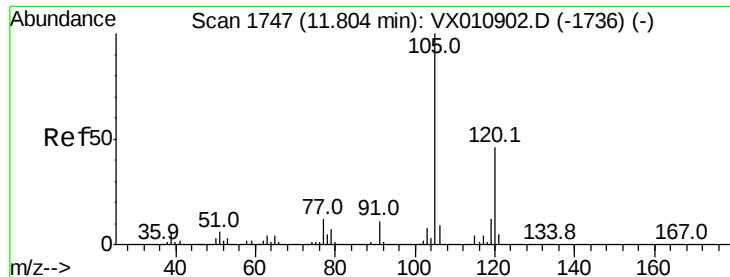
Tot Ion:105 Resp: 2043109
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8



#83
 tert-Butylbenzene
 Concen: 2.207 ug/l m
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

Tgt Ion:119 Resp: 22527
 Ion Ratio Lower Upper
 119 100
 91 0.0 28.6 85.8#
 134 0.0 11.6 34.8#

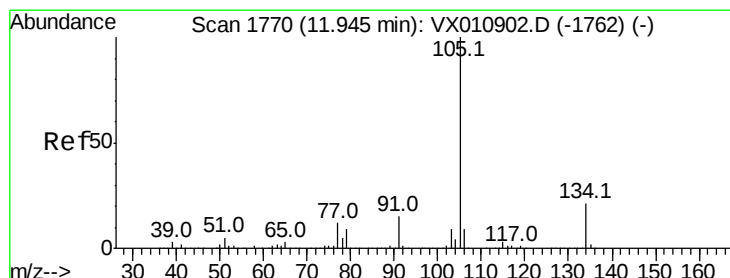
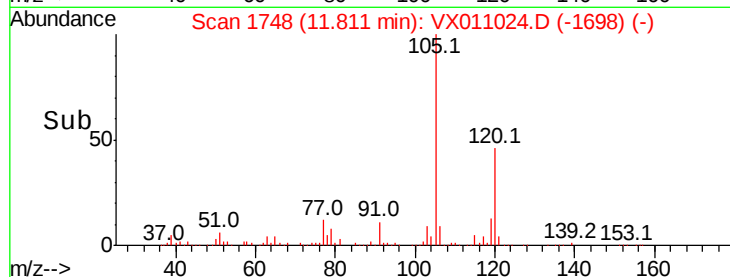
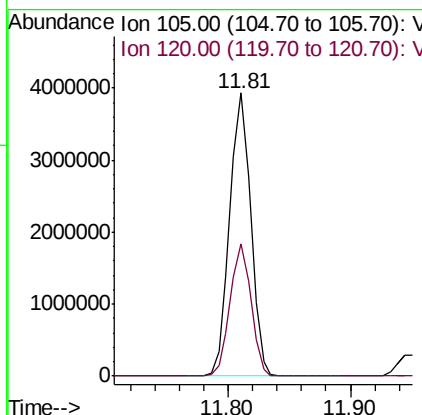
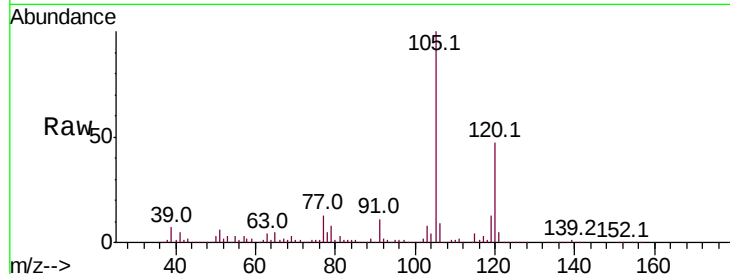




#84
 1,2,4-Trimethylbenzene
 Concen: 446.212 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

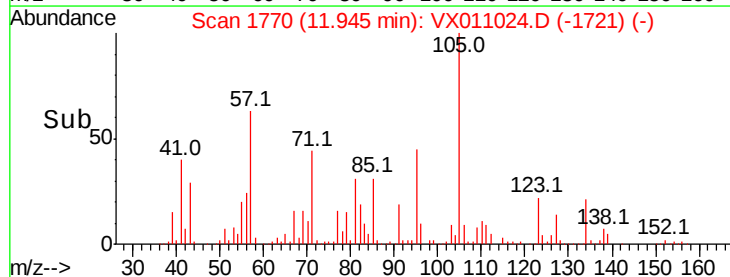
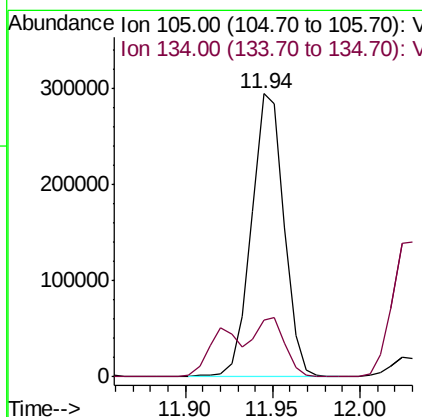
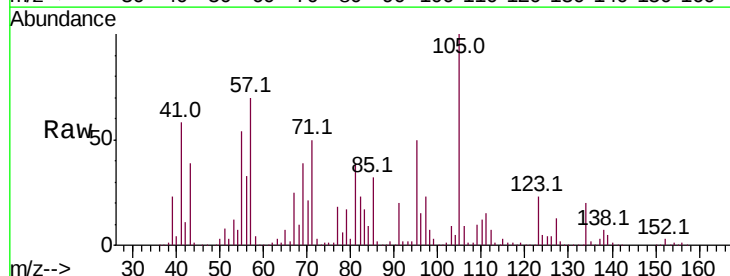
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-071719-CME

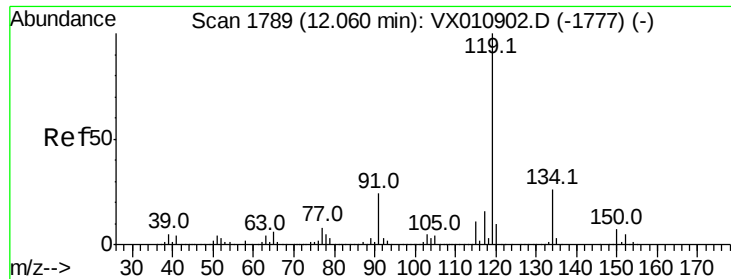
Tot Ion:105 Resp: 4673618
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 31.666 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011024.D
 Acq: 22 Jul 2019 12:42

Tgt Ion:105 Resp: 378744
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.4

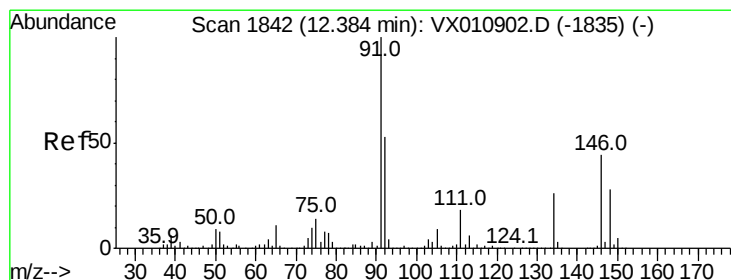
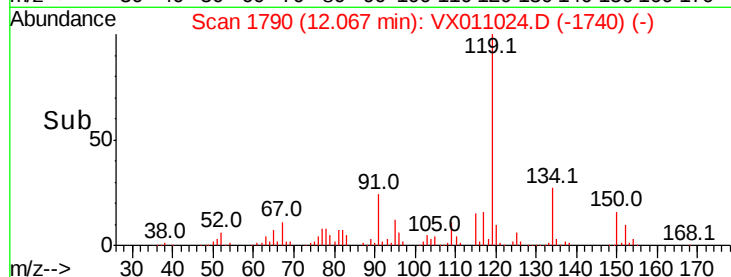
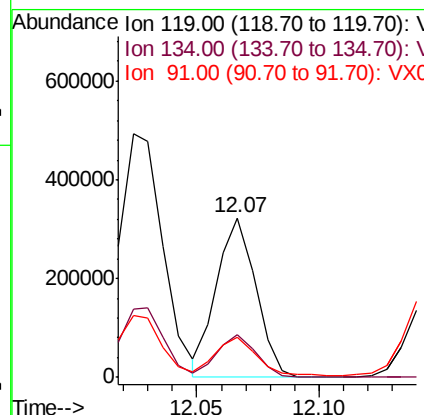
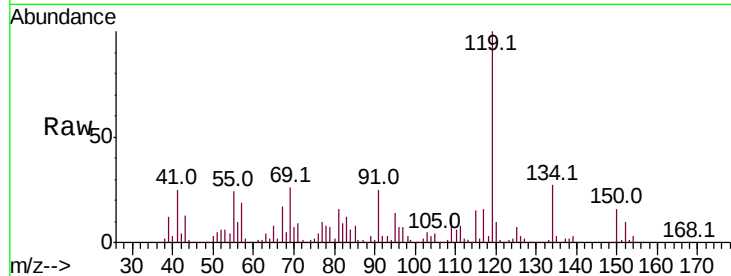




#86
p-Isopropyltoluene
Concen: 32.642 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

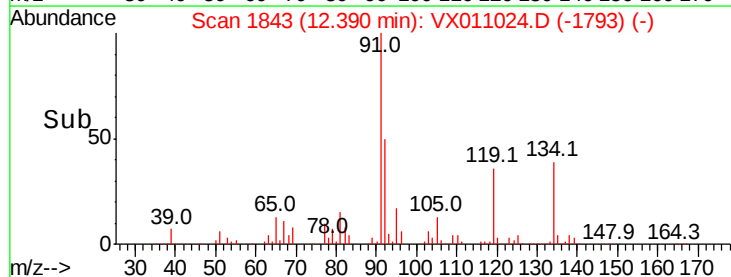
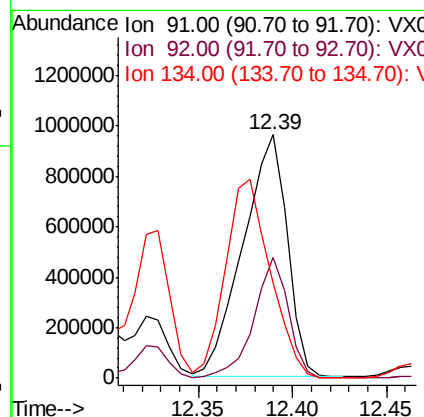
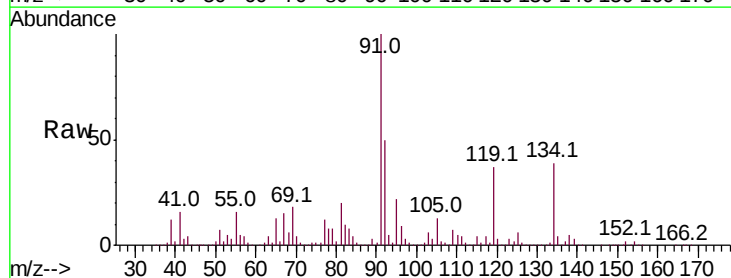
Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

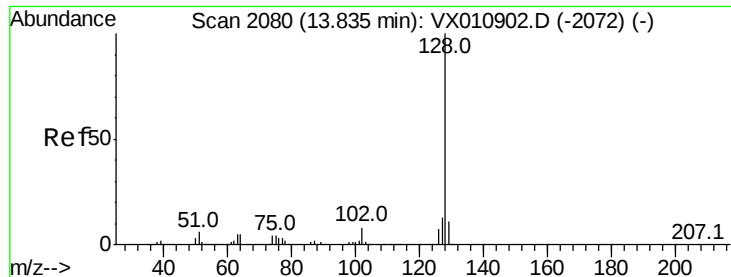
Tot Ion:119 Resp: 360934
Ion Ratio Lower Upper
119 100
134 26.6 13.4 40.1
91 23.8 11.8 35.4



#89
n-Butylbenzene
Concen: 165.460 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Tgt Ion: 91 Resp: 1565233
Ion Ratio Lower Upper
91 100
92 38.5 26.2 78.5
134 83.0 13.8 41.3#





#95
Naphthalene
Concen: 22.666 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011024.D
Acq: 22 Jul 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
HR-06-071719-CME

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.4	15.6#
129	16.8	8.9	13.3#

