

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011732.D
 Acq On : 21 Aug 2019 15:07
 Operator : JC/SP
 Sample : K4418-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CFVP-228L

Quant Time: Aug 22 04:00:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	429716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276729	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	222857	55.92	ug/l	0.00
Spiked Amount			Recovery	=	111.84%	
35) Dibromofluoromethane	5.49	113	191118	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
50) Toluene-d8	8.71	98	712507	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	11.13	95	260251	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	

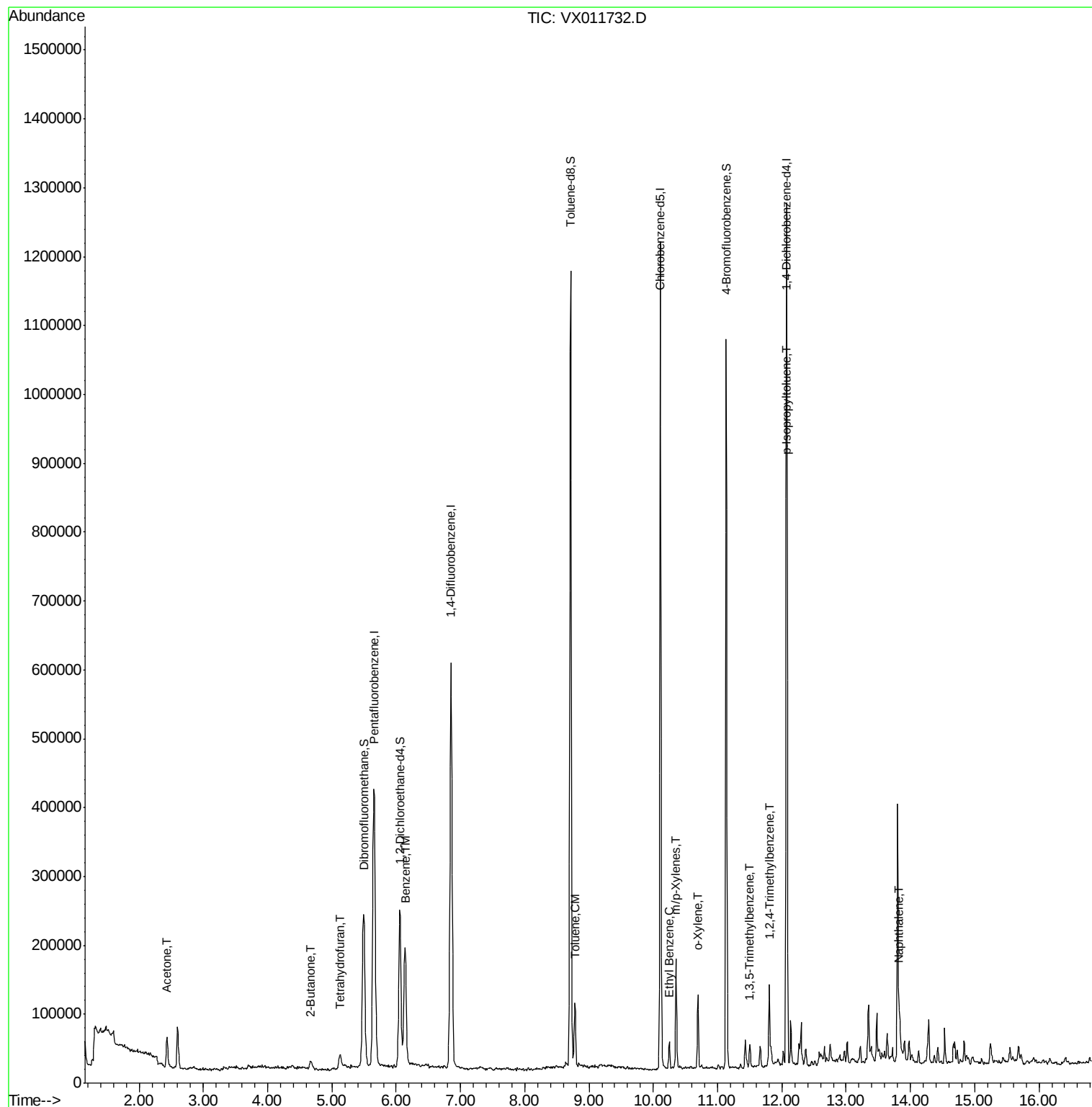
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	46904	23.408	ug/l	99
25) 2-Butanone	4.67	43	22201	7.058	ug/l	97
29) Tetrahydrofuran	5.13	42	20296	9.836	ug/l	99
40) Benzene	6.14	78	209928	12.341	ug/l	96
52) Toluene	8.78	92	35484	3.274	ug/l	99
67) Ethyl Benzene	10.25	91	22990	1.131	ug/l	100
68) m/p-Xylenes	10.35	106	38061	4.879	ug/l	95
69) o-Xylene	10.69	106	24261	3.175	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	14825	0.983	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	51012	3.369	ug/l	96
86) p-Isopropyltoluene	12.06	119	17223	1.056	ug/l	89
95) Naphthalene	13.83	128	21260	1.095	ug/l #	94

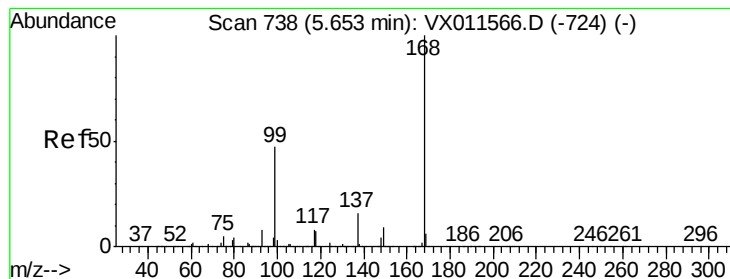
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082119\
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ClientSampled :
CFVP-228L

Quant Time: Aug 22 04:00:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

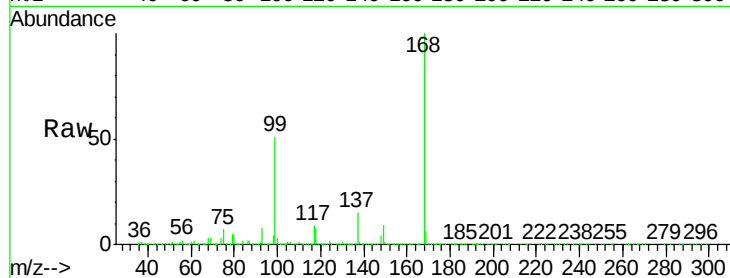
CFVP-228L

Tot Ion:168 Resp: 429716

Ion Ratio Lower Upper

168 100

99 50.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

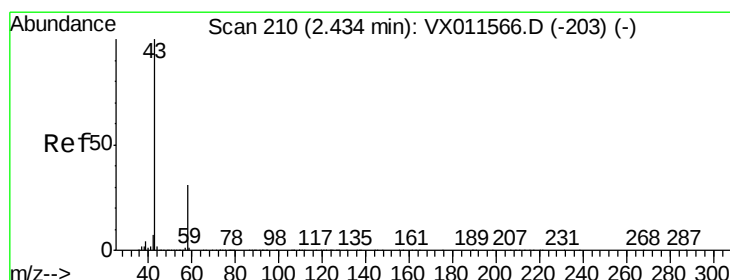
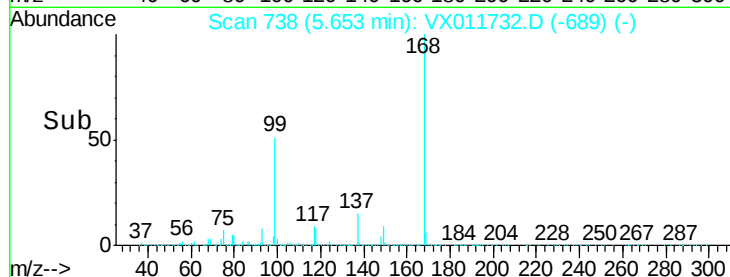
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.408 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011732.D

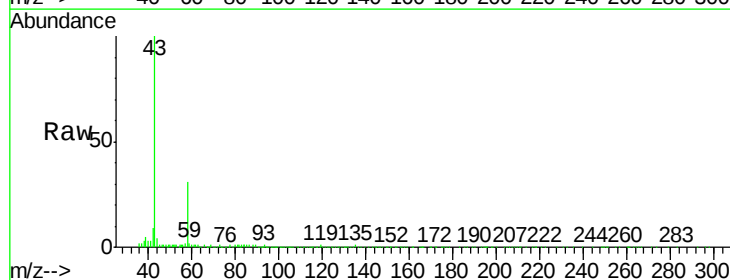
Acq: 21 Aug 2019 15:07

Tgt Ion: 43 Resp: 46904

Ion Ratio Lower Upper

43 100

58 31.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

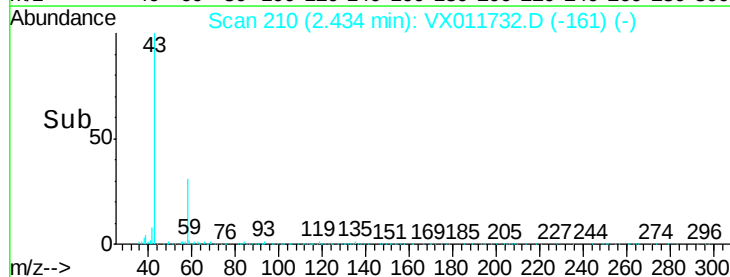
30000

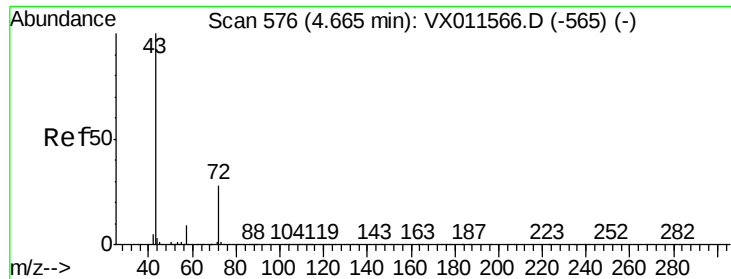
20000

10000

0

Time-->





#25

2-Butanone

Concen: 7.058 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

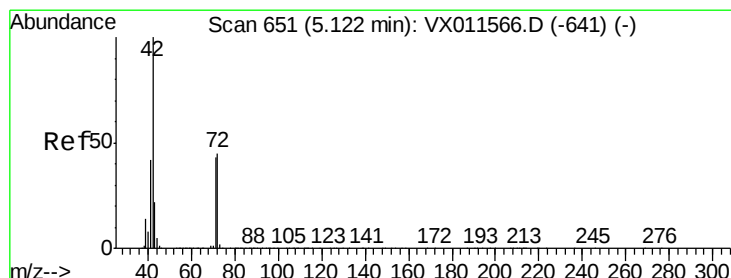
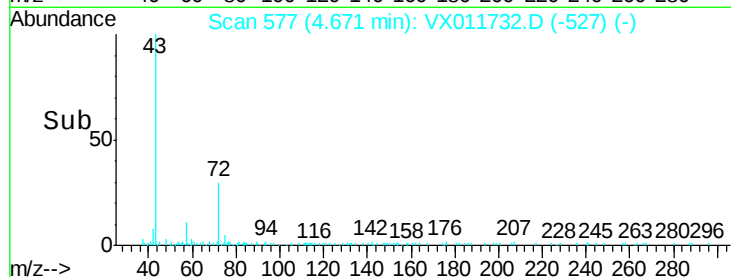
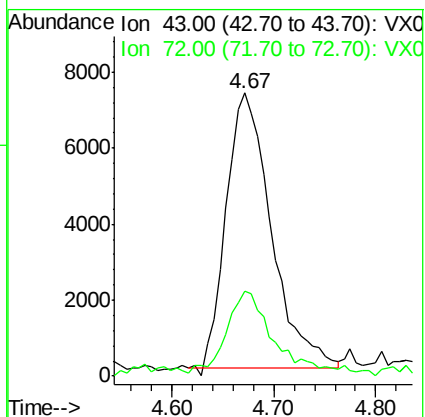
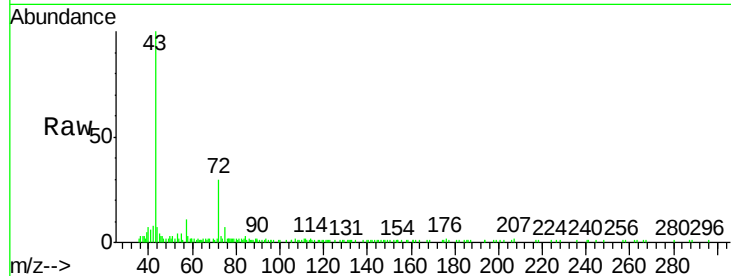
CFVP-228L

Tot Ion: 43 Resp: 22201

Ion Ratio Lower Upper

43 100

72 29.5 22.2 33.4



#29

Tetrahydrofuran

Concen: 9.836 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.01 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

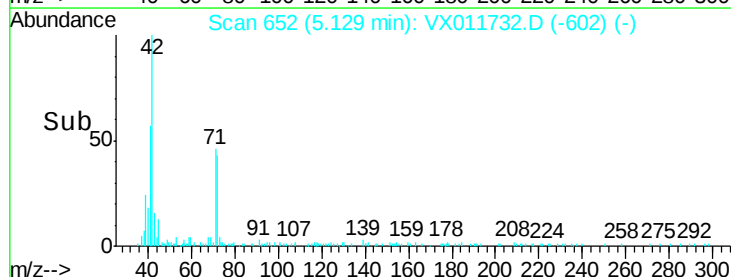
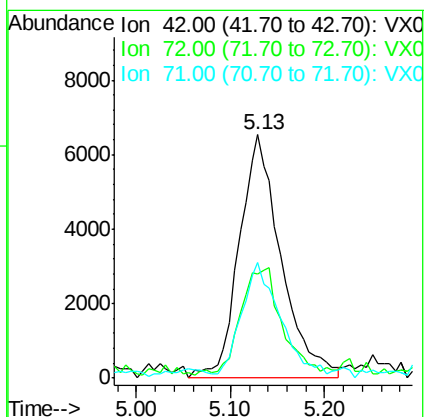
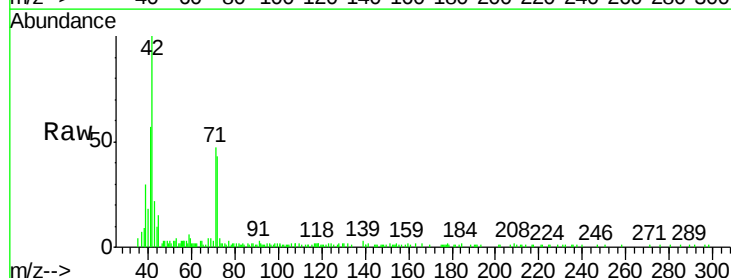
Tgt Ion: 42 Resp: 20296

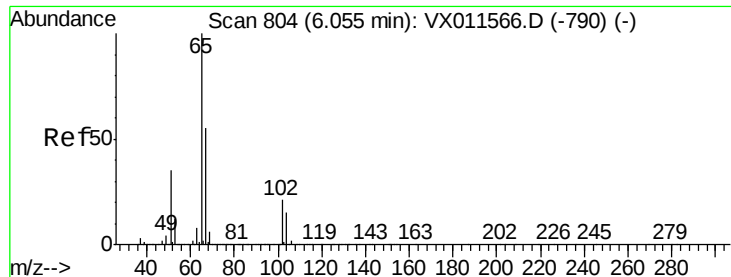
Ion Ratio Lower Upper

42 100

72 44.1 36.1 54.1

71 41.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.924 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

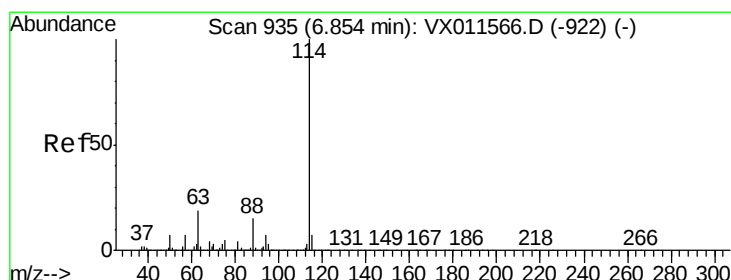
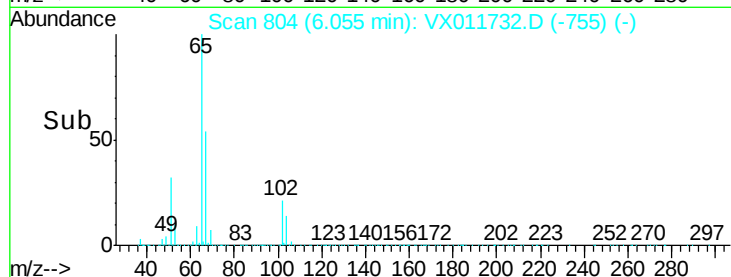
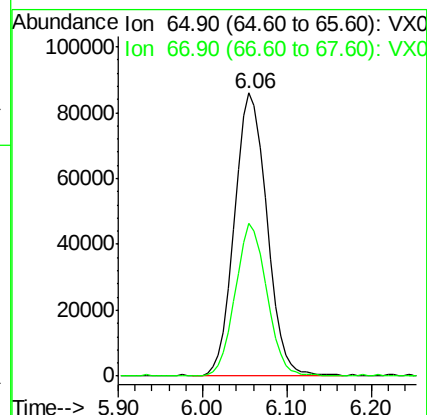
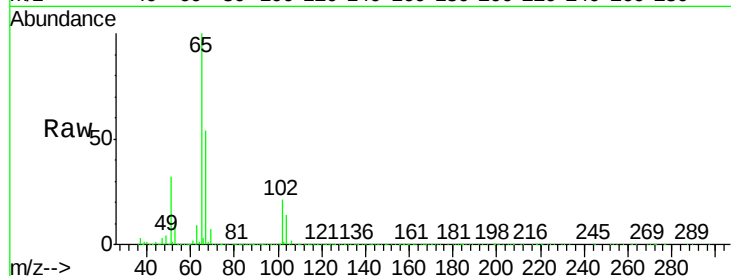
CFVP-228L

Tot Ion: 65 Resp: 222857

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

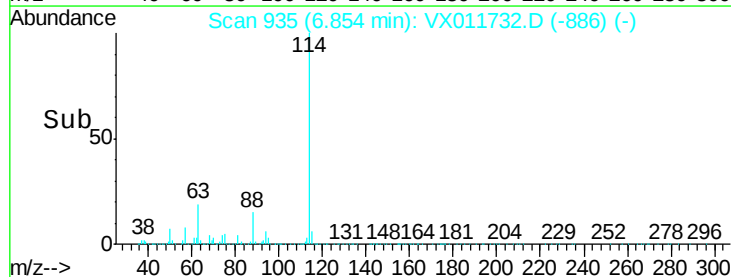
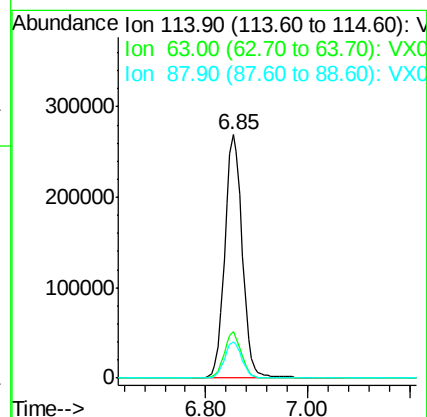
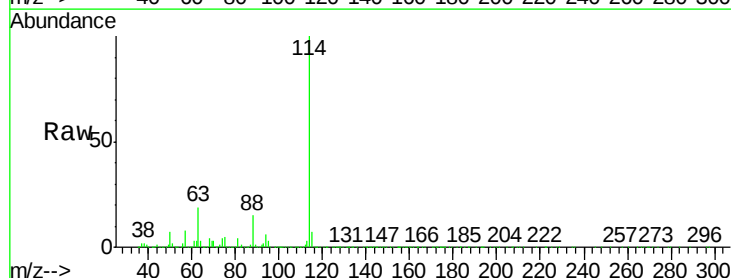
Tgt Ion: 114 Resp: 640248

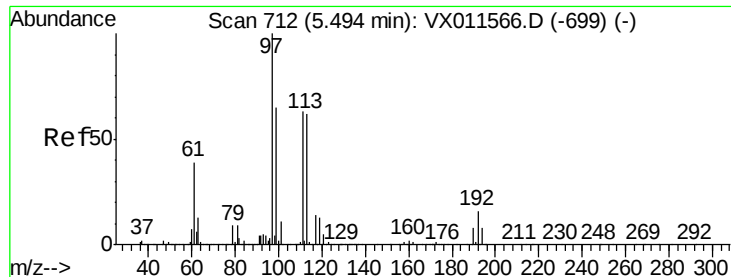
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.639 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

CFVP-228L

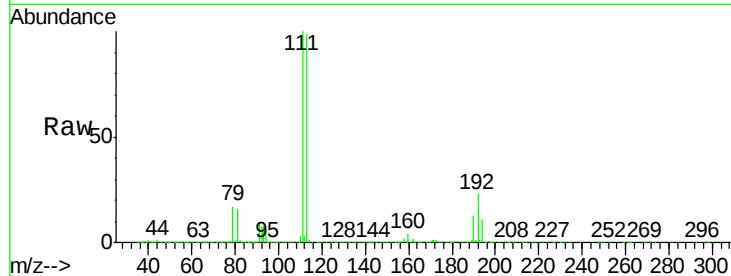
Tot Ion:113 Resp: 191118

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

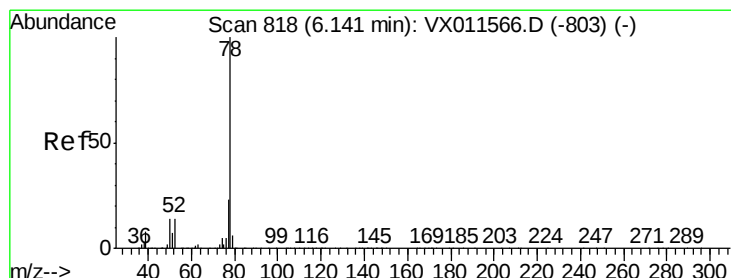
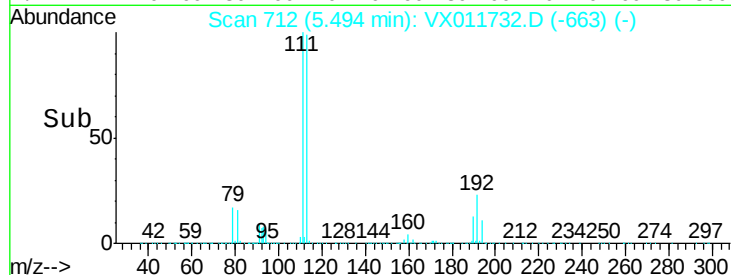
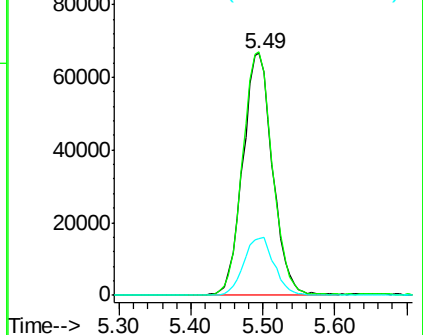
192 24.6 20.8 31.2



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



#40

Benzene

Concen: 12.341 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX011732.D

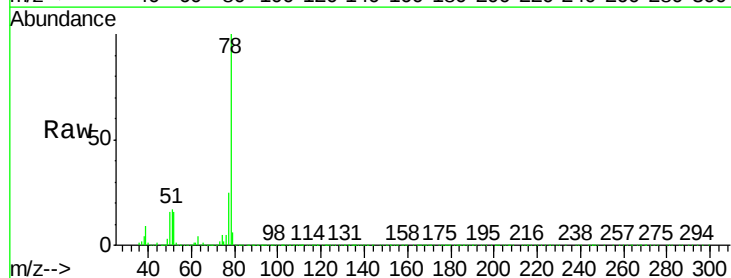
Acq: 21 Aug 2019 15:07

Tgt Ion: 78 Resp: 209928

Ion Ratio Lower Upper

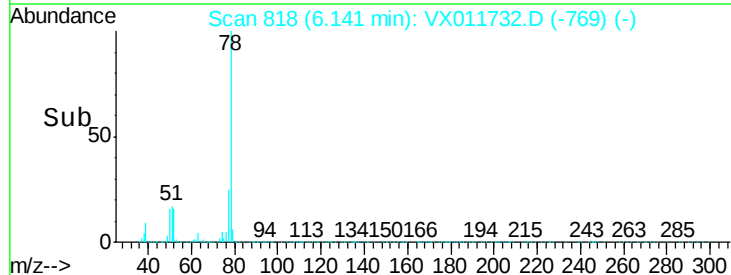
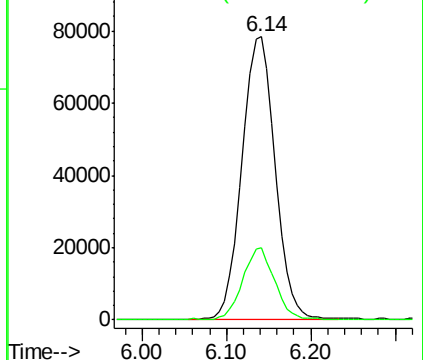
78 100

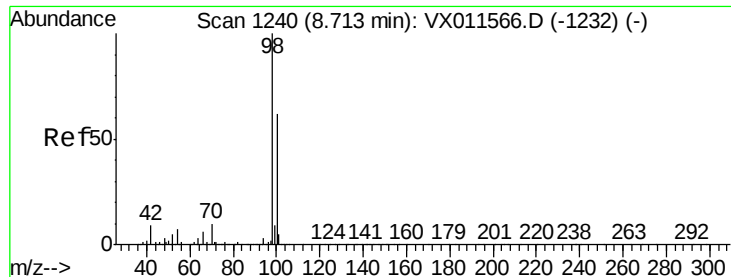
77 25.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

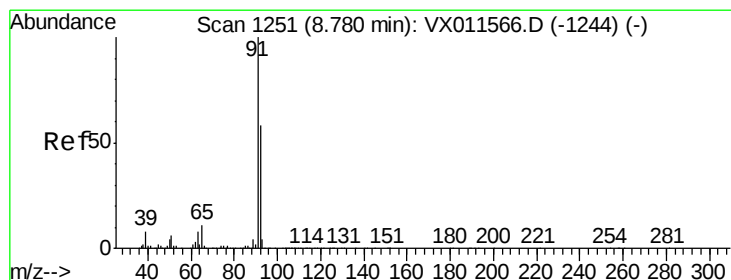
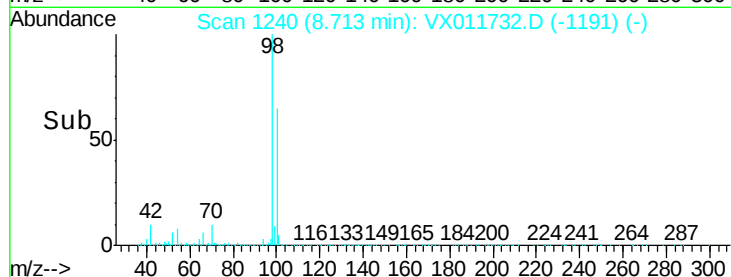
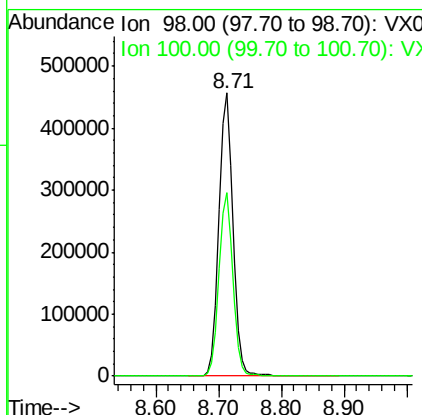
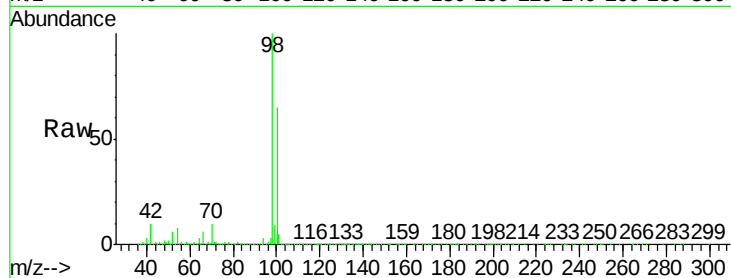




#50
Toluene-d8
Concen: 54.606 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

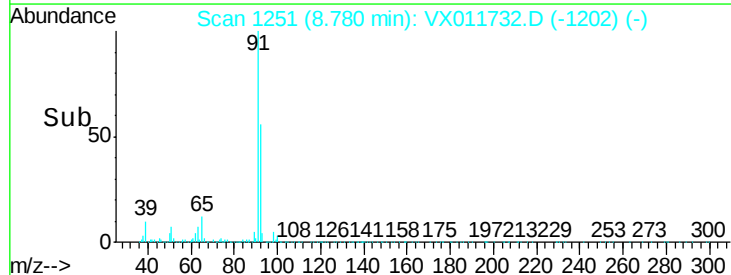
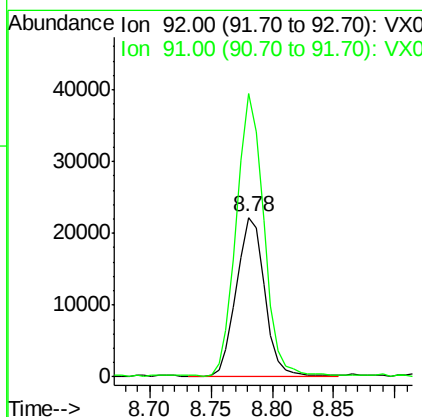
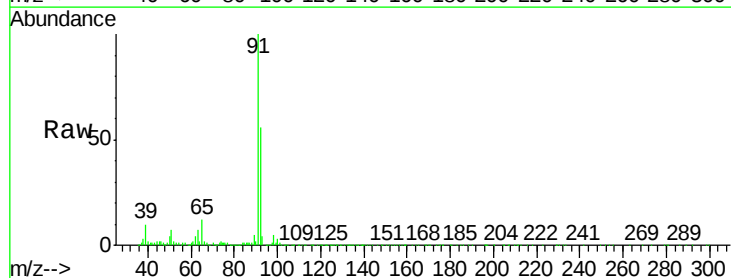
Instrument :
MSVOA_X
ClientSampleId :
CFVP-228L

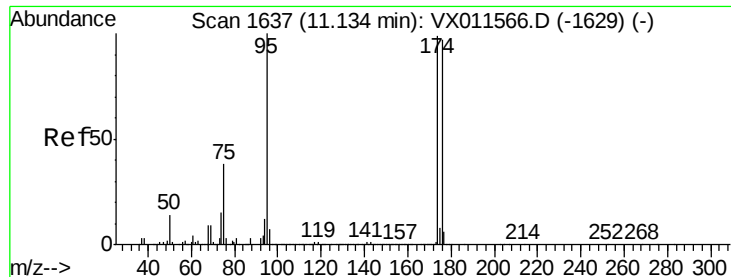
Tot Ion: 98 Resp: 712507
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#52
Toluene
Concen: 3.274 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

Tgt Ion: 92 Resp: 35484
Ion Ratio Lower Upper
92 100
91 171.6 138.0 207.0





#62

4-Bromofluorobenzene

Concen: 47.255 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

CFVP-228L

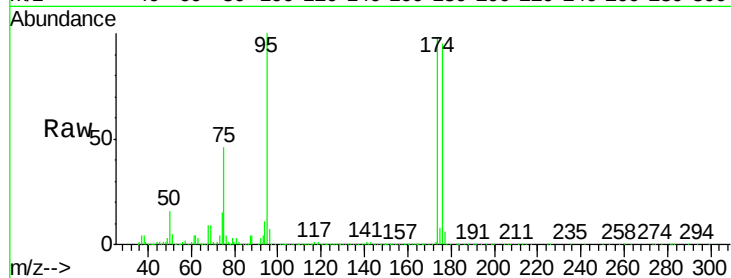
Tot Ion: 95 Resp: 260251

Ion Ratio Lower Upper

95 100

174 100.0 0.0 200.6

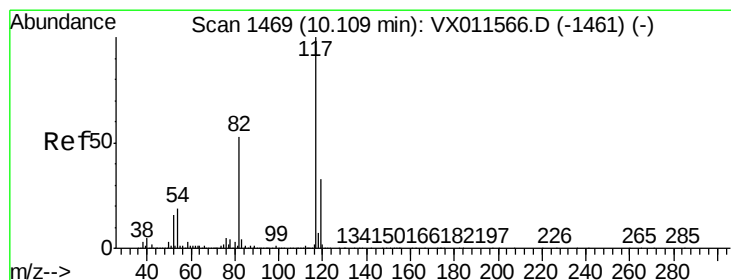
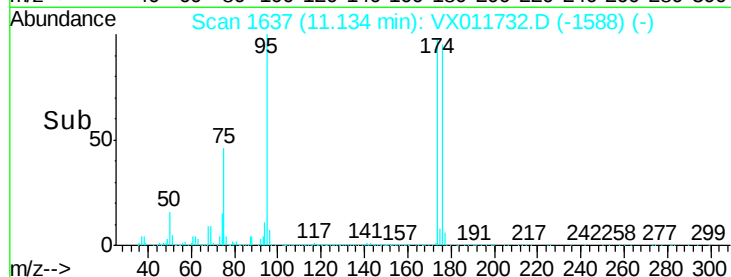
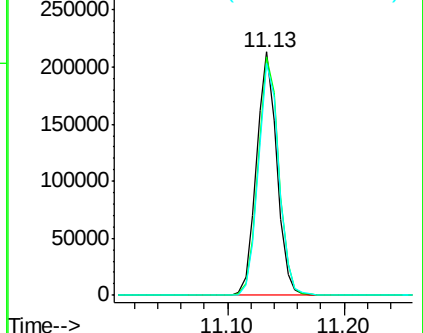
176 96.9 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011732.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011732.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011732.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

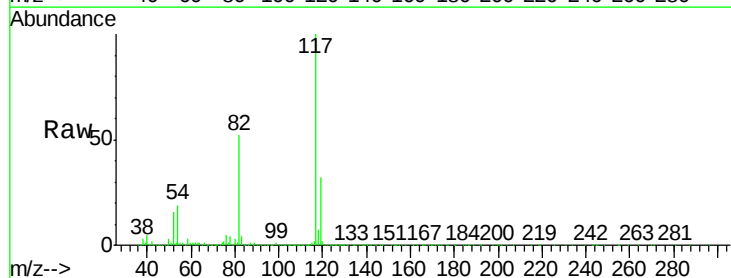
Tgt Ion: 117 Resp: 570908

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

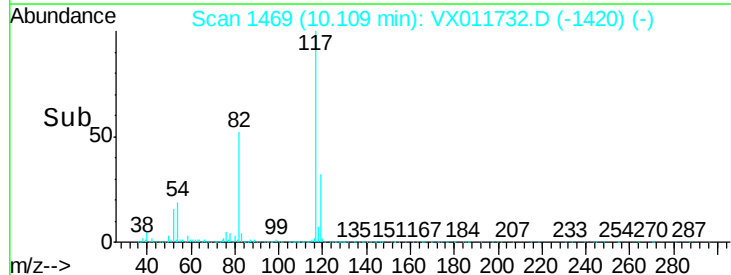
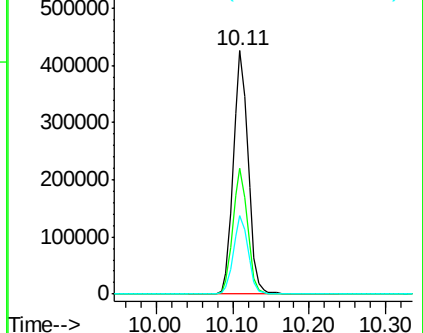
119 32.4 26.5 39.7

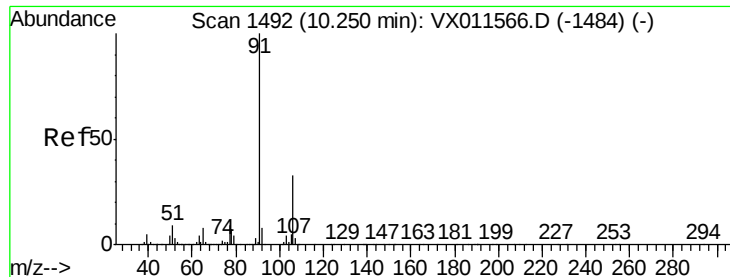


Abundance Ion 116.90 (116.60 to 117.60): VX011732.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011732.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011732.D (-1420) (-)





#67

Ethyl Benzene

Concen: 1.131 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

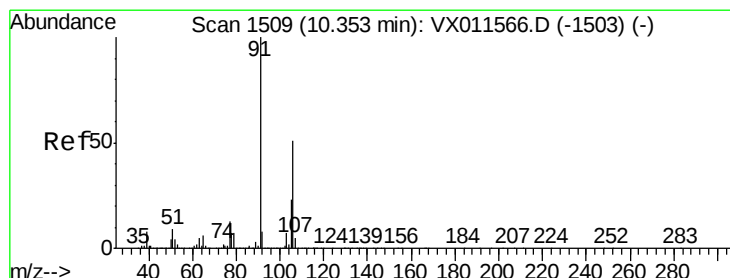
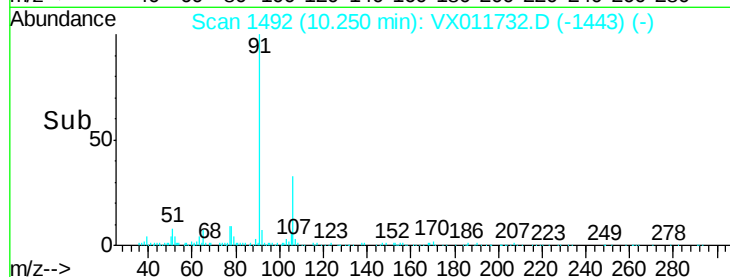
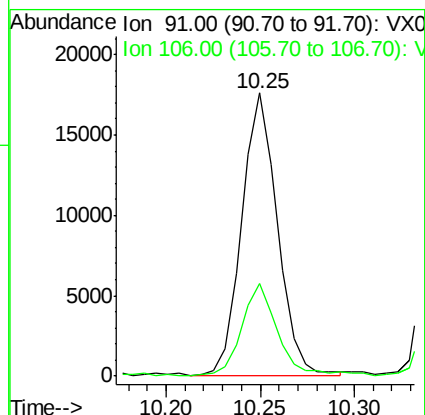
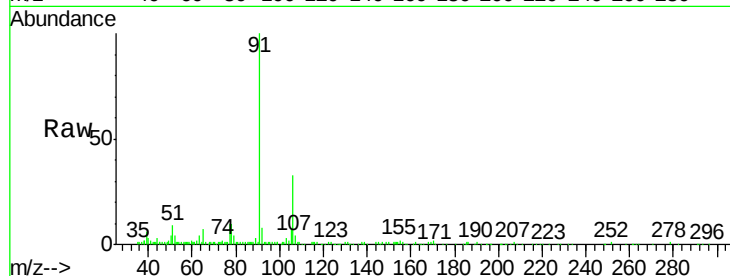
CFVP-228L

Tot Ion: 91 Resp: 22990

Ion Ratio Lower Upper

91 100

106 32.6 26.0 39.0



#68

m/p-Xylenes

Concen: 4.879 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011732.D

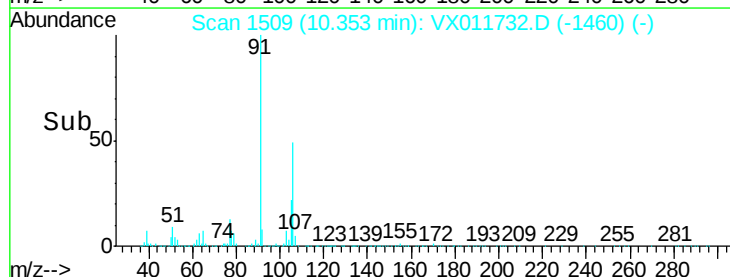
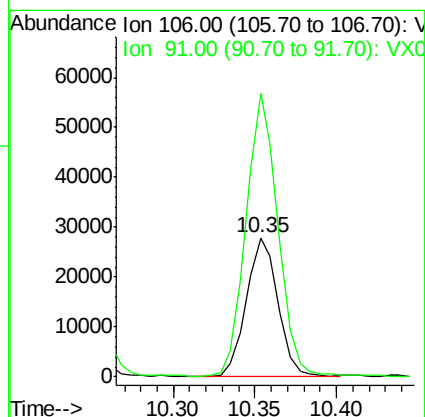
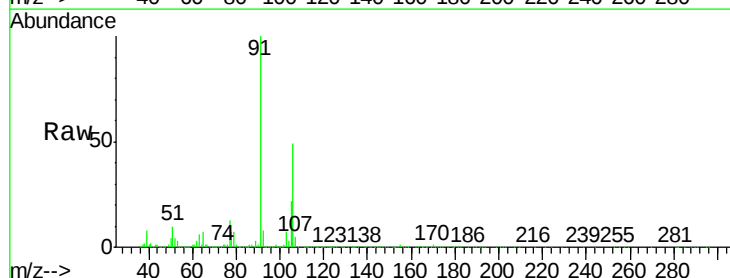
Acq: 21 Aug 2019 15:07

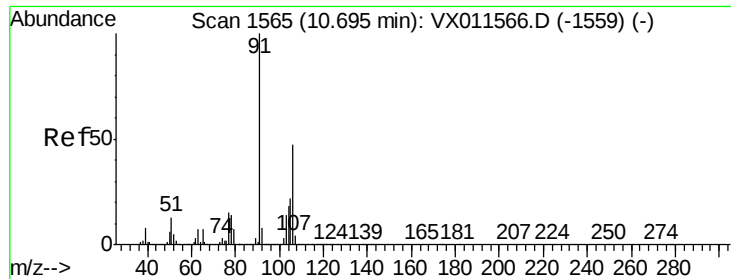
Tgt Ion:106 Resp: 38061

Ion Ratio Lower Upper

106 100

91 203.0 156.0 234.0

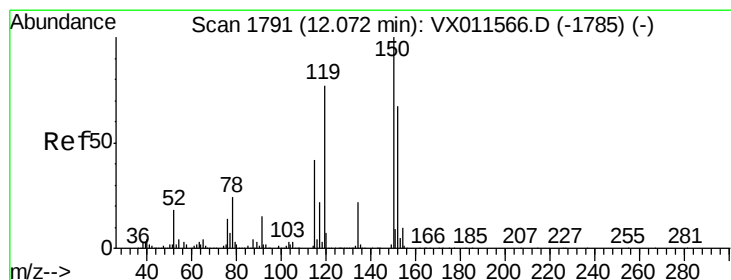
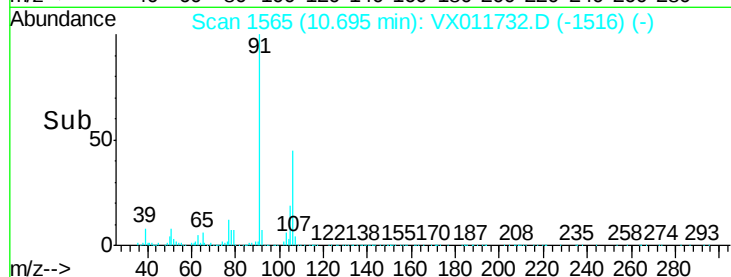
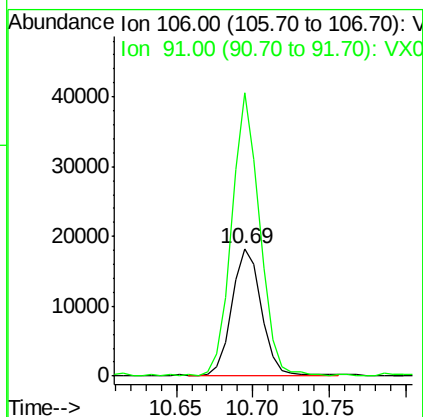
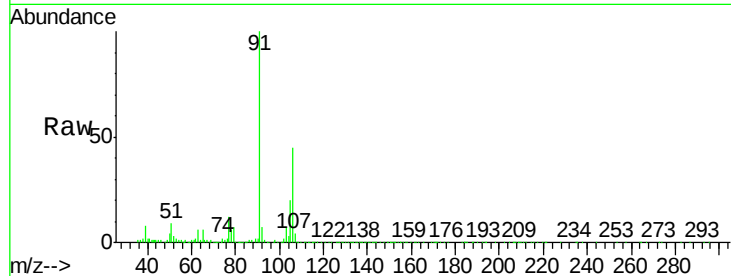




#69
o-Xylene
Concen: 3.175 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

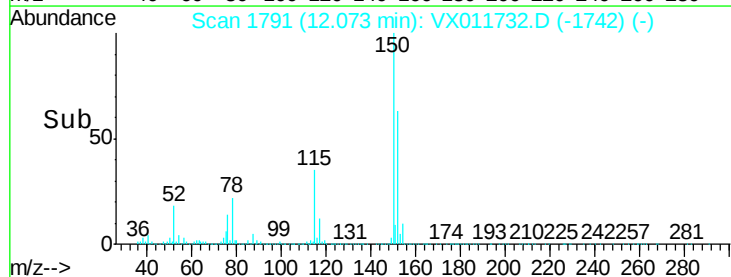
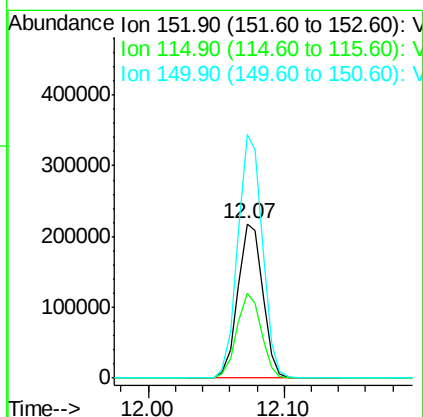
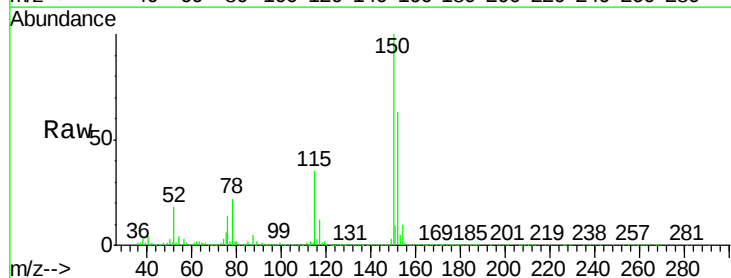
Instrument :
MSVOA_X
ClientSampleId :
CFVP-228L

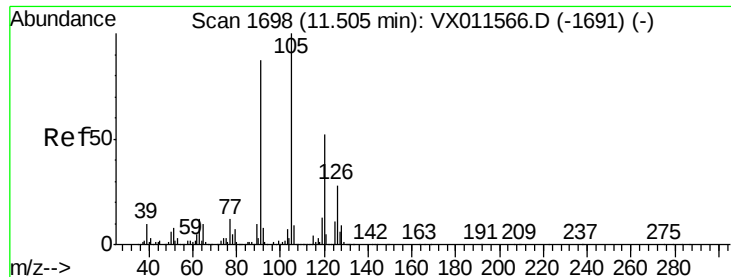
Tot Ion:106 Resp: 24261
Ion Ratio Lower Upper
106 100
91 210.6 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

Tgt Ion:152 Resp: 276729
Ion Ratio Lower Upper
152 100
115 53.7 37.3 111.9
150 156.2 0.0 346.2





#80

1,3,5-Trimethylbenzene

Concen: 0.983 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011732.D

Acq: 21 Aug 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

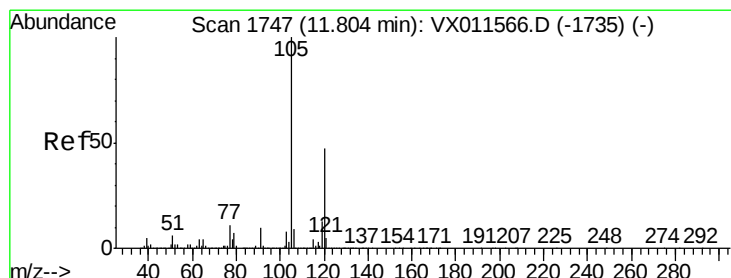
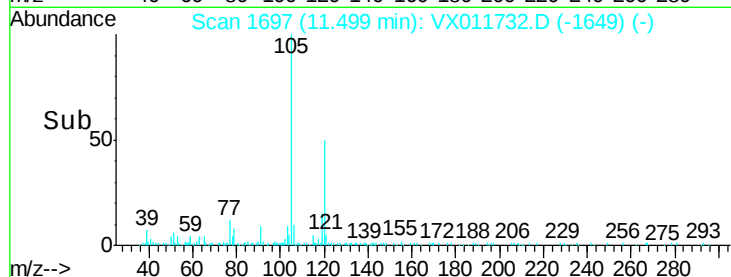
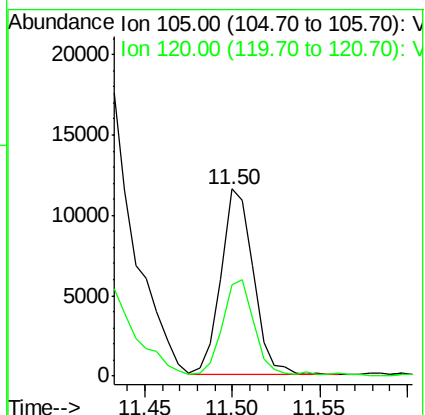
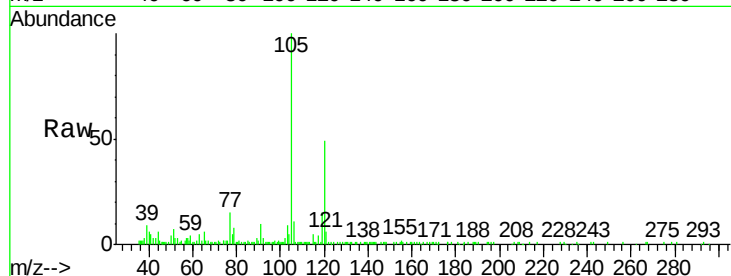
CFVP-228L

Tot Ion:105 Resp: 14825

Ion Ratio Lower Upper

105 100

120 48.7 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 3.369 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011732.D

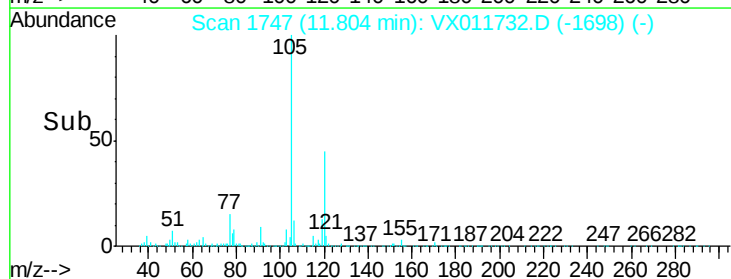
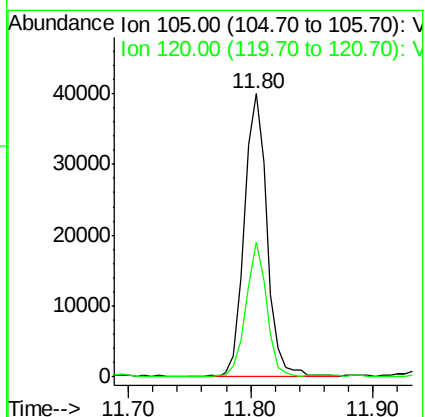
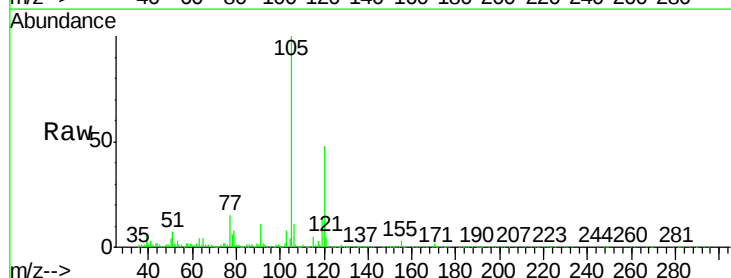
Acq: 21 Aug 2019 15:07

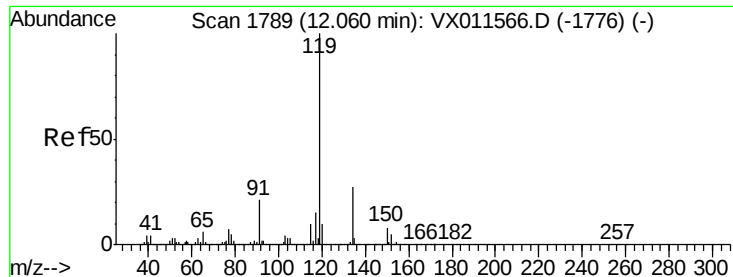
Tgt Ion:105 Resp: 51012

Ion Ratio Lower Upper

105 100

120 44.1 23.3 69.9

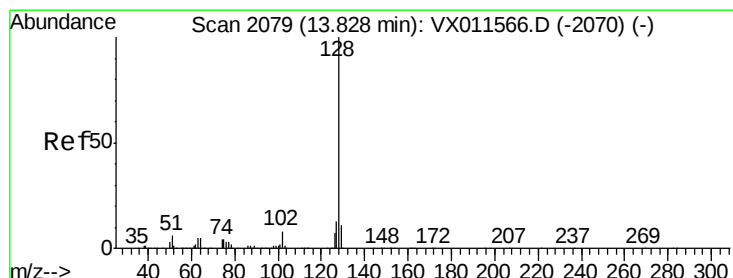
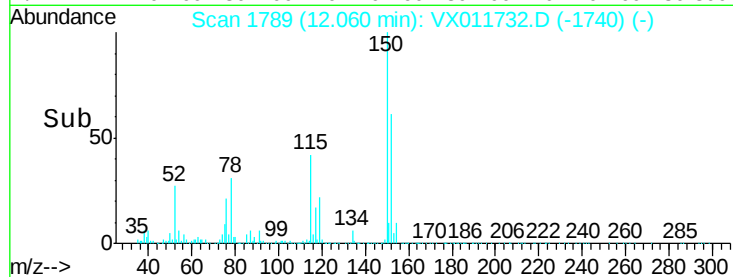
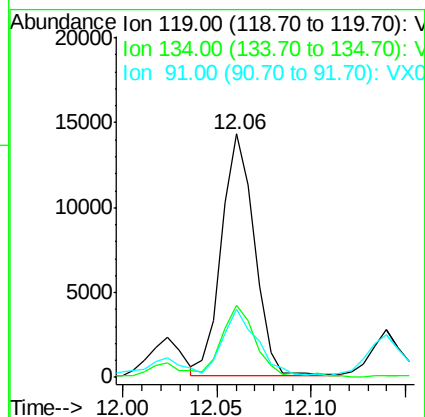
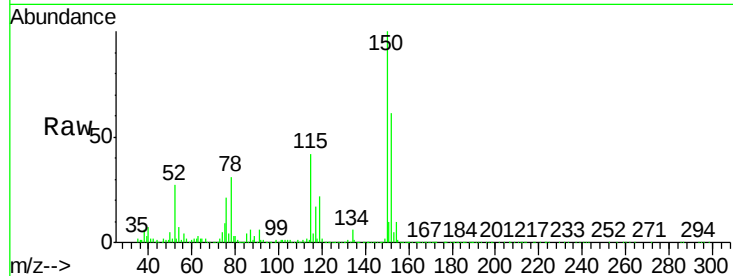




#86
p-Isopropyltoluene
Concen: 1.056 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

Instrument :
MSVOA_X
ClientSampleId :
CFVP-228L

Tot Ion	Ratio	Lower	Upper
119	100		
134	31.4	13.6	40.8
91	28.6	10.9	32.9



#95
Naphthalene
Concen: 1.095 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011732.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	12.2	8.7	13.1

