

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011539.D
 Acq On : 13 Aug 2019 16:27
 Operator : JC/SP
 Sample : K4279-04DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670DL

Quant Time: Aug 14 11:37:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

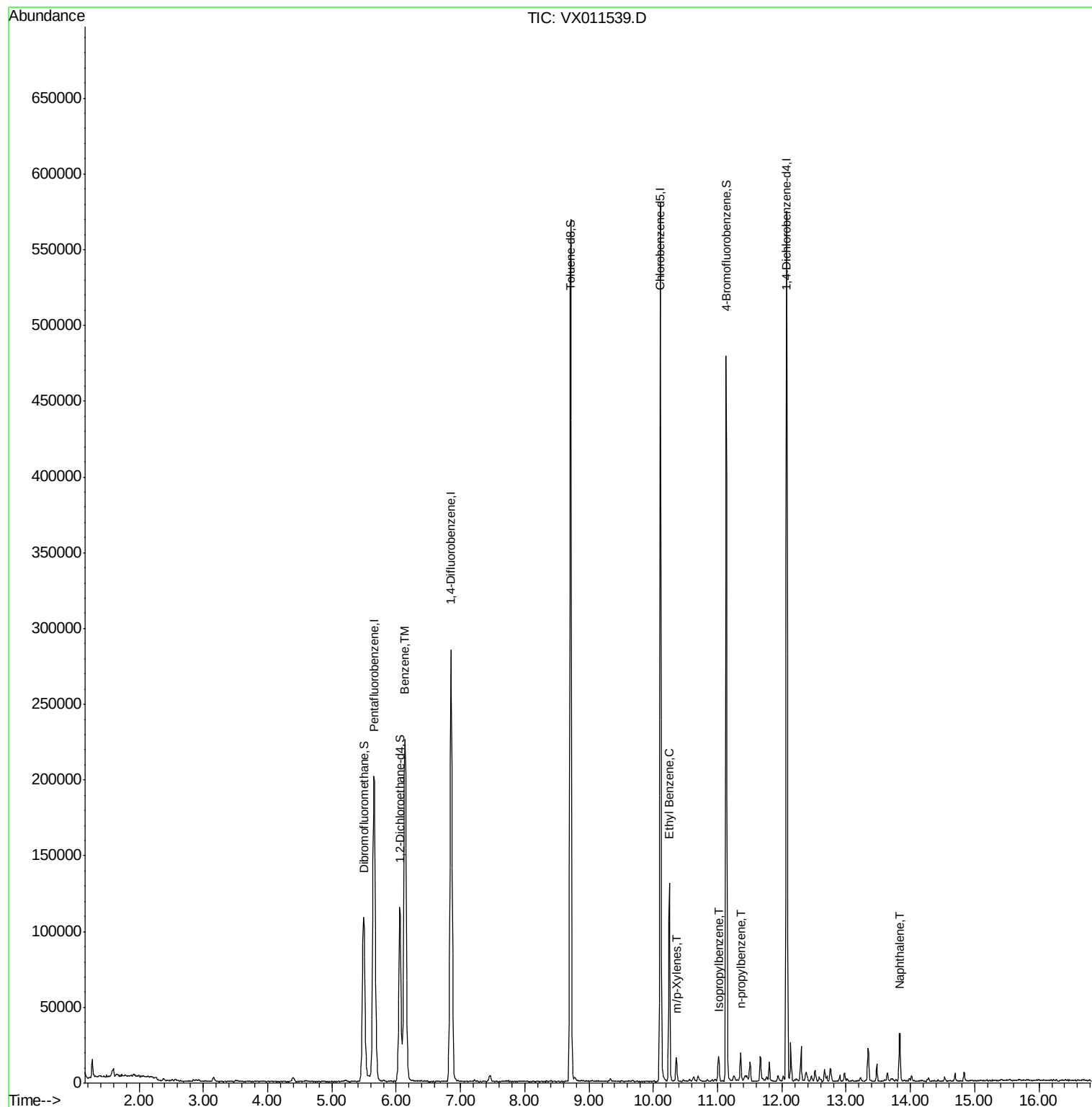
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108826	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	5.49	113	91952	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	341061	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.13	95	118277	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
40) Benzene	6.14	78	278357	36.292	ug/l	97
67) Ethyl Benzene	10.25	91	72489	7.670	ug/l	98
68) m/p-Xylenes	10.36	106	3920	1.072	ug/l	98
73) Isopropylbenzene	11.02	105	8795	1.059	ug/l	96
78) n-propylbenzene	11.36	91	10454	1.132	ug/l	100
95) Naphthalene	13.83	128	21493	2.711	ug/l	99

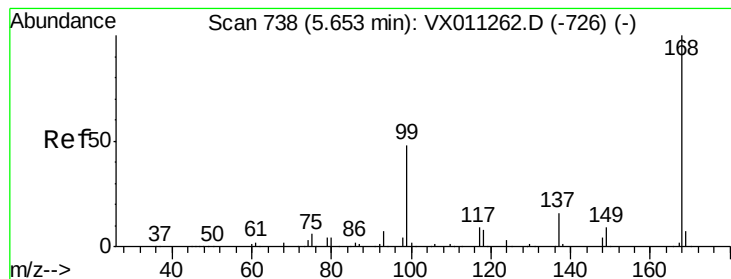
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011539.D

Acq: 13 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

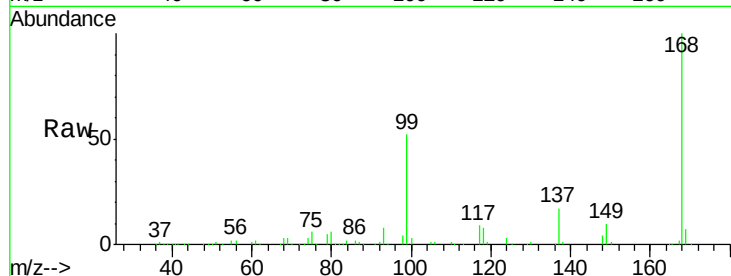
Z3-0670DL

Tot Ion:168 Resp: 196832

Ion Ratio Lower Upper

168 100

99 52.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

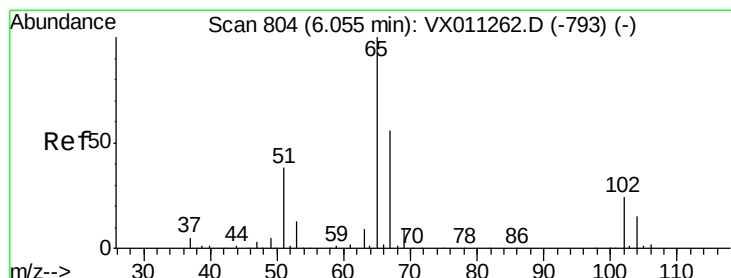
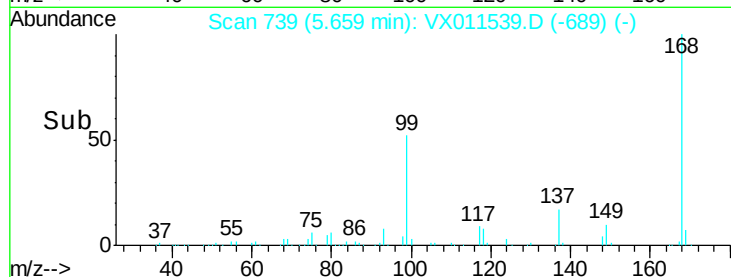
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.902 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011539.D

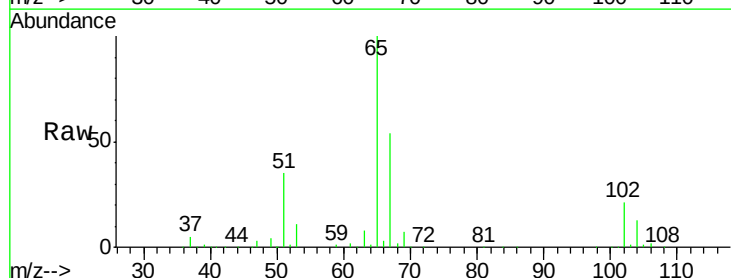
Acq: 13 Aug 2019 16:27

Tgt Ion: 65 Resp: 108826

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

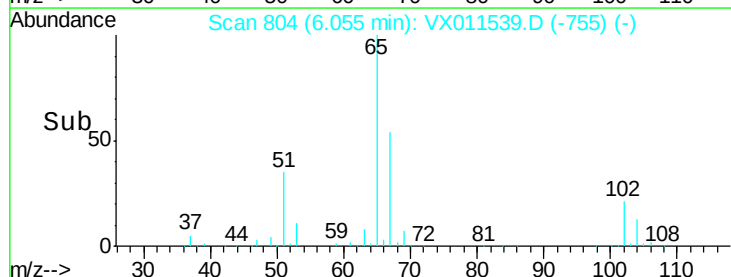
30000

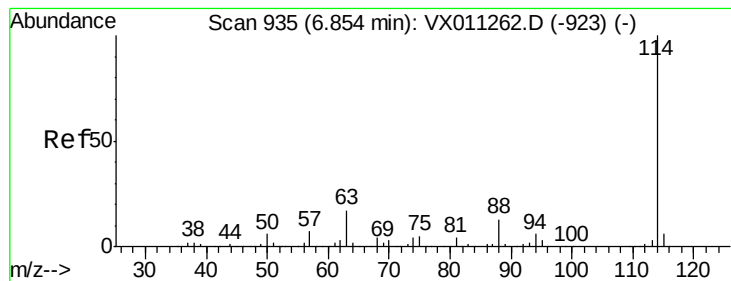
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011539.D

Acq: 13 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

Z3-0670DL

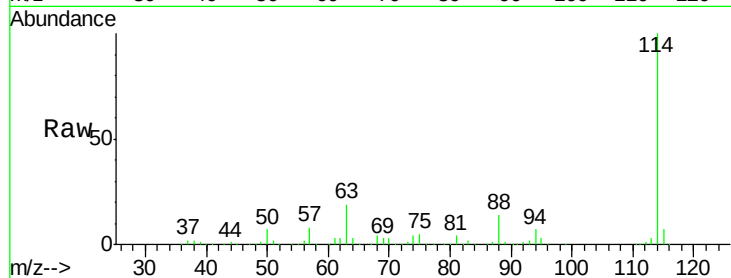
Tot Ion:114 Resp: 294387

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

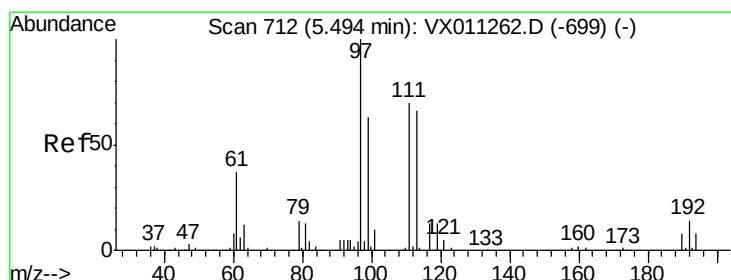
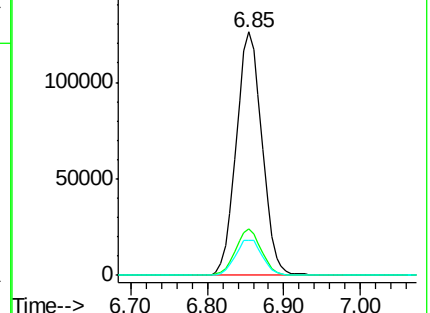
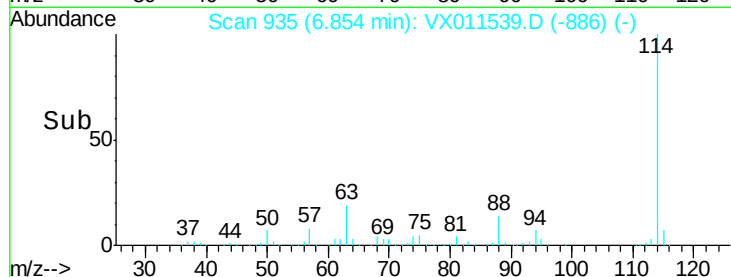
88 14.2 0.0 26.4



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: 47.842 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011539.D

Acq: 13 Aug 2019 16:27

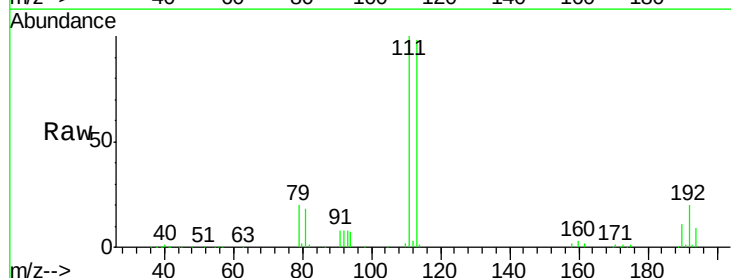
Tgt Ion:113 Resp: 91952

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

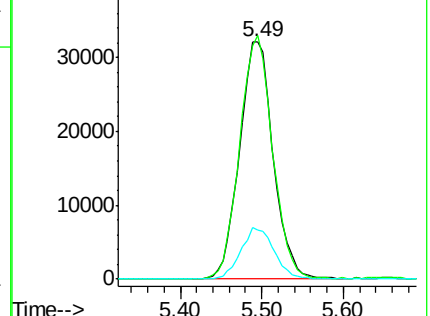
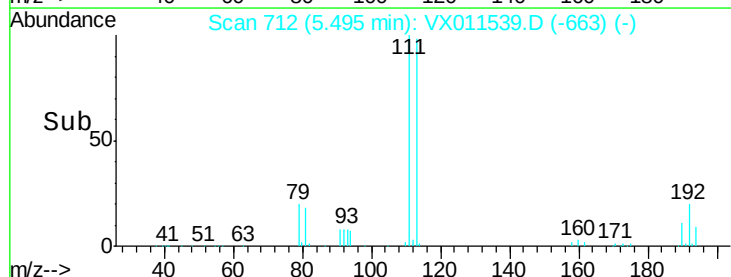
192 21.4 17.8 26.8

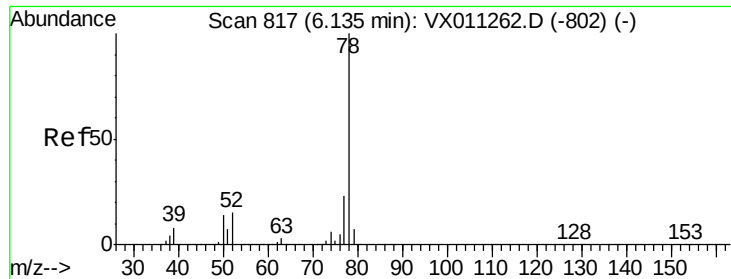


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 36.292 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011539.D

Acq: 13 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

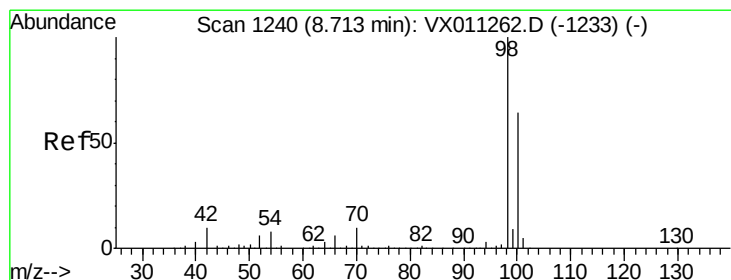
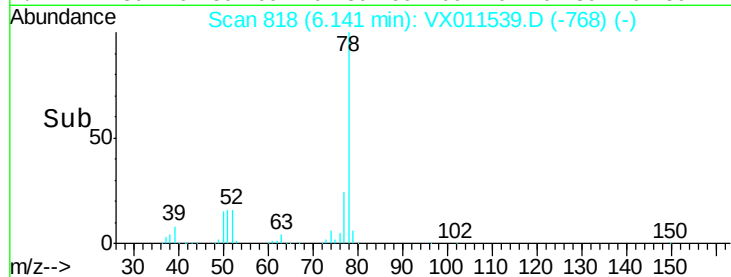
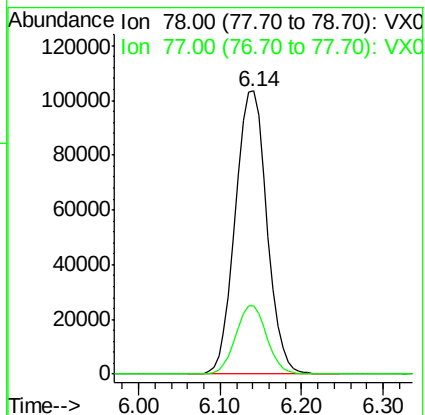
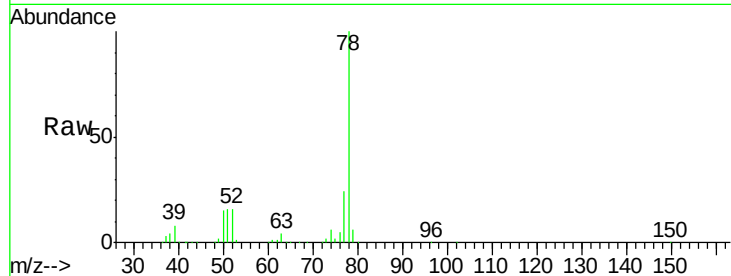
Z3-0670DL

Tot Ion: 78 Resp: 278357

Ion Ratio Lower Upper

78 100

77 24.0 18.2 27.2



#50

Toluene-d8

Concen: 47.011 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011539.D

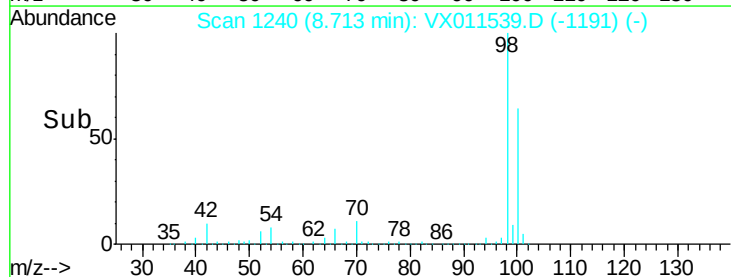
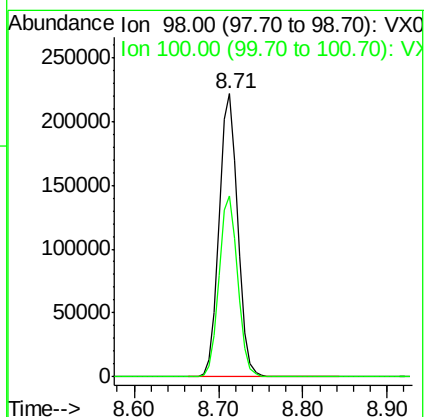
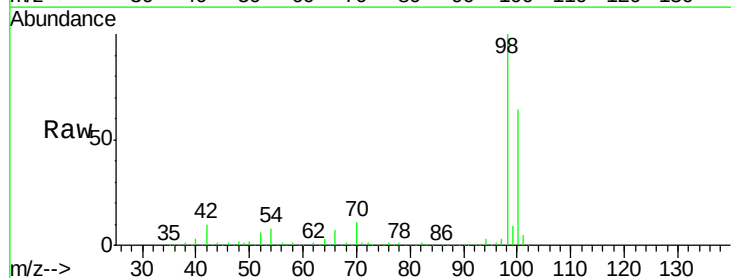
Acq: 13 Aug 2019 16:27

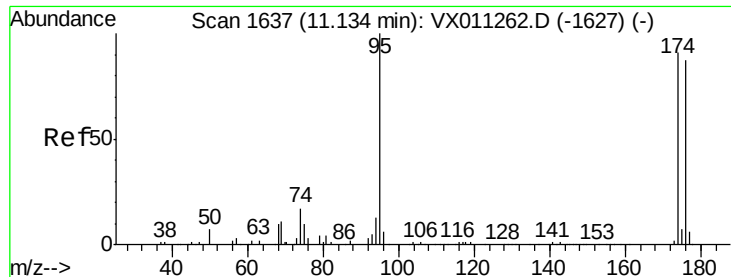
Tgt Ion: 98 Resp: 341061

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

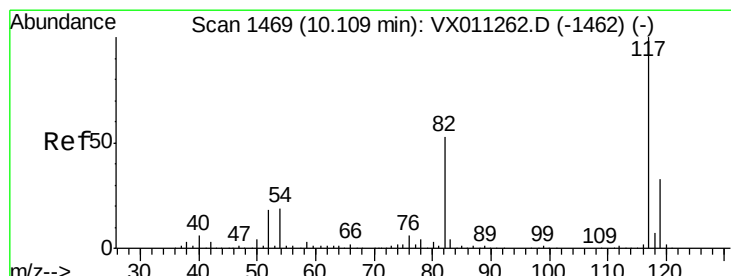
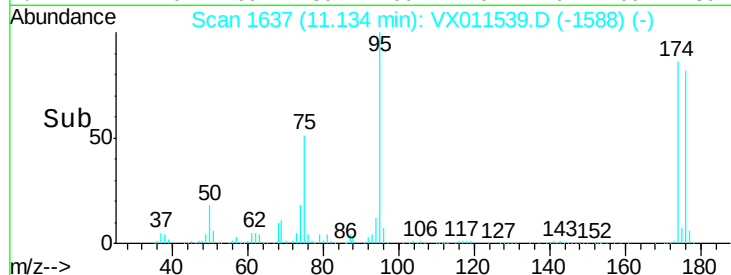
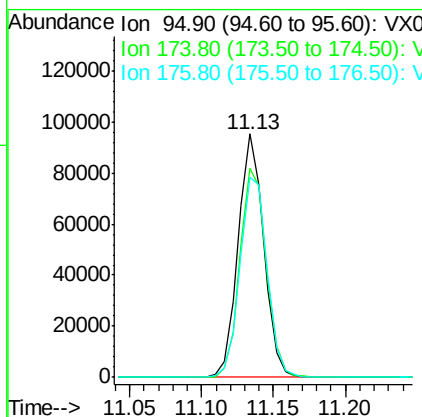
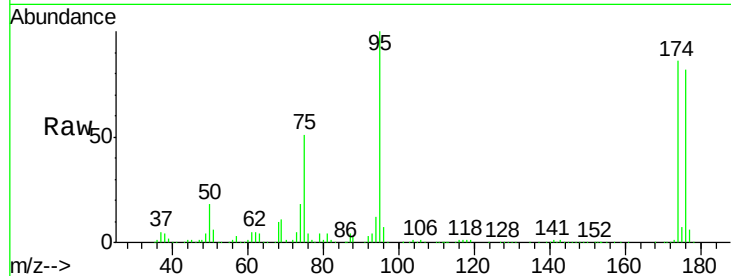




#62
 4-Bromofluorobenzene
 Concen: 45.663 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011539.D
 Acq: 13 Aug 2019 16:27

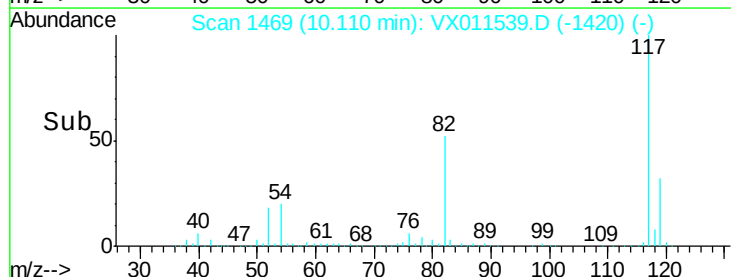
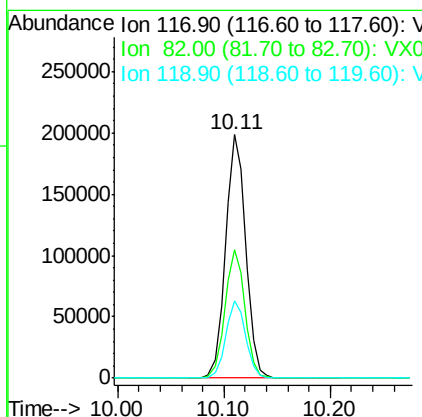
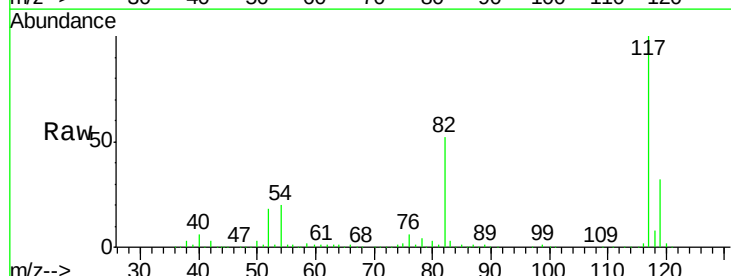
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670DL

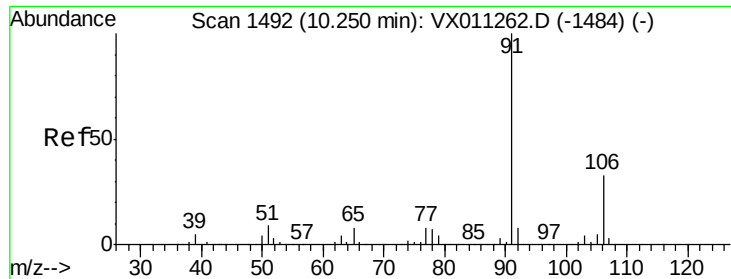
Tot Ion: 95 Resp: 118277
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 191.2
 176 86.4 0.0 184.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX011539.D
 Acq: 13 Aug 2019 16:27

Tgt Ion: 117 Resp: 263181
 Ion Ratio Lower Upper
 117 100
 82 52.5 42.2 63.2
 119 31.6 26.6 39.8

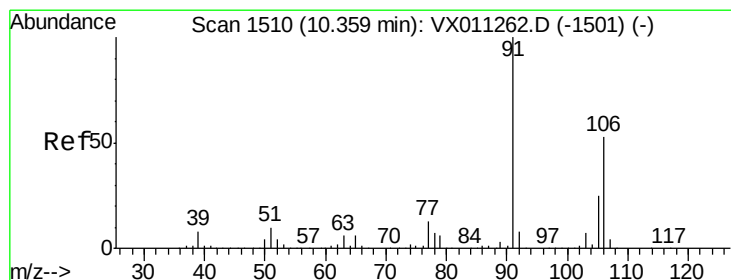
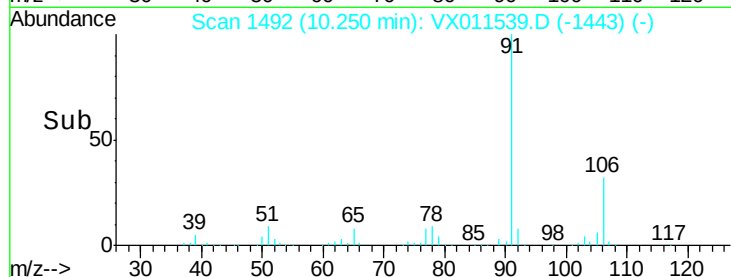
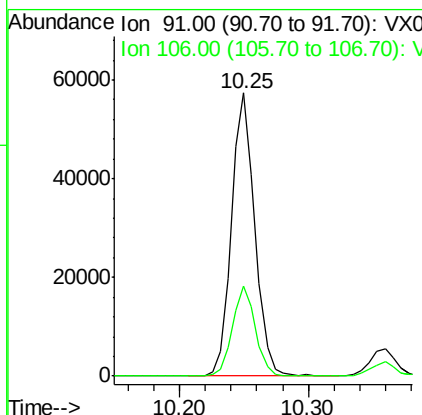
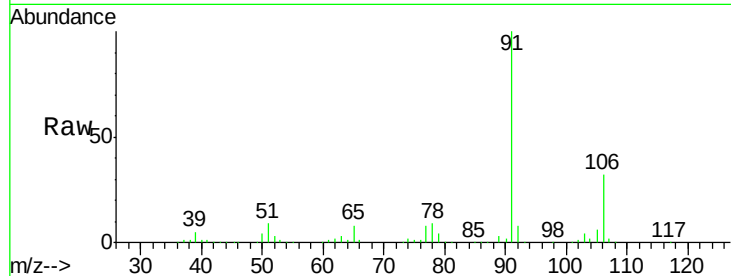




#67
Ethyl Benzene
Concen: 7.670 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

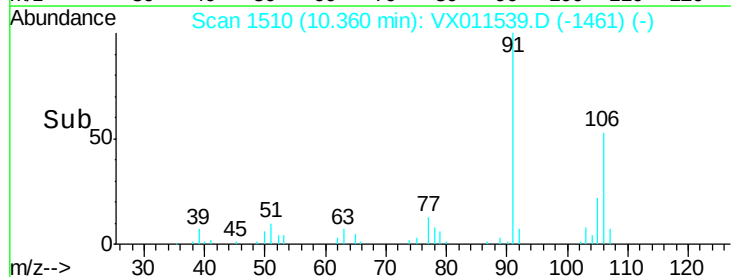
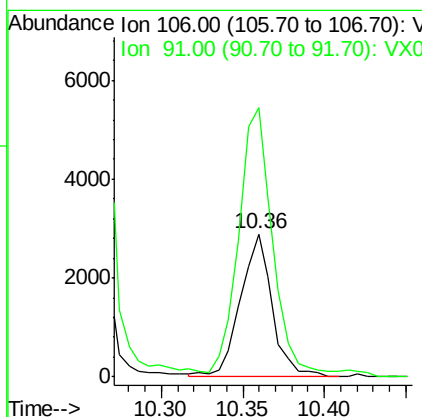
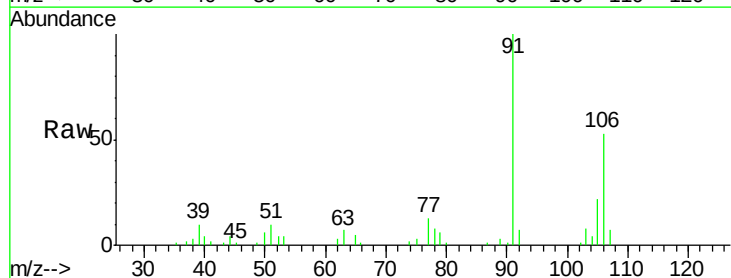
Instrument :
MSVOA_X
ClientSampleID :
Z3-0670DL

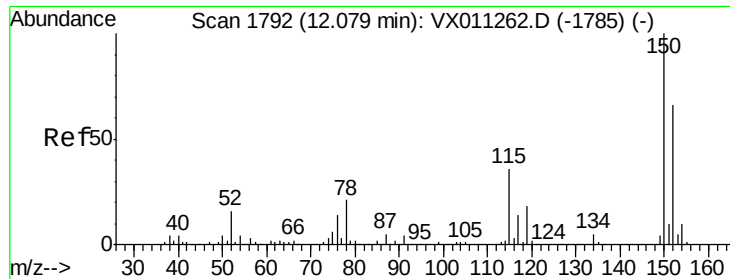
Tot Ion: 91 Resp: 72489
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.4



#68
m/p-Xylenes
Concen: 1.072 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

Tgt Ion: 106 Resp: 3920
Ion Ratio Lower Upper
106 100
91 192.3 155.9 233.9



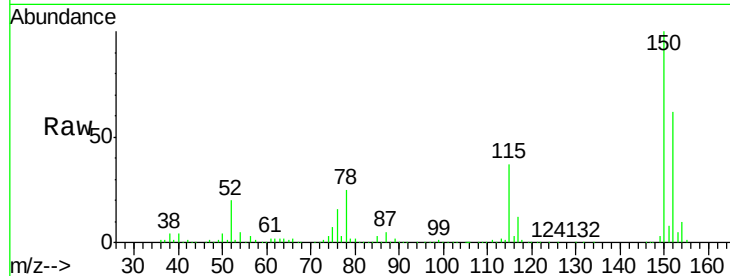


#72

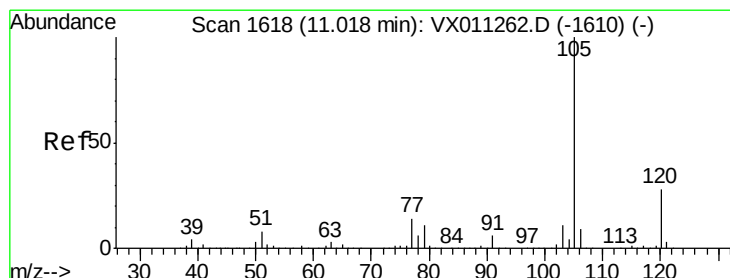
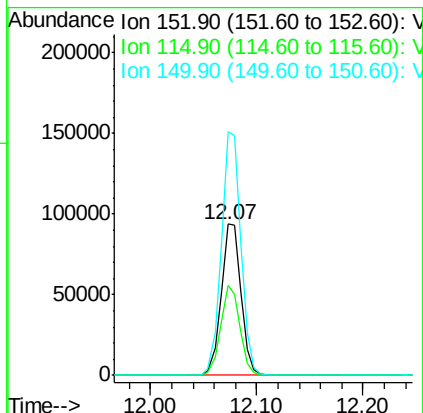
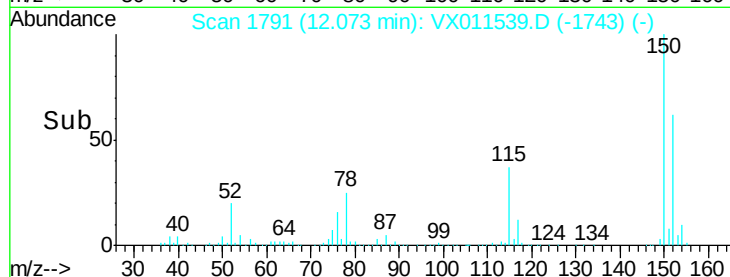
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670DL

Tot Ion:152 Resp: 121401
Ion Ratio Lower Upper
152 100
115 57.4 40.0 119.9
150 159.3 0.0 350.4



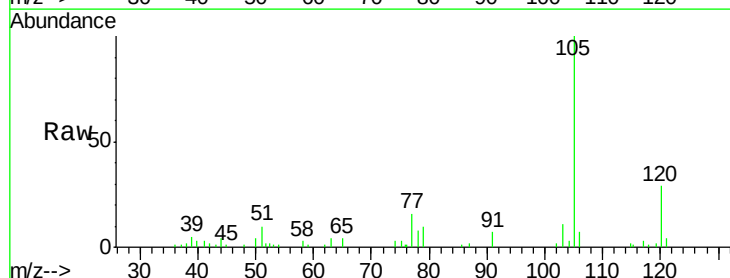
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



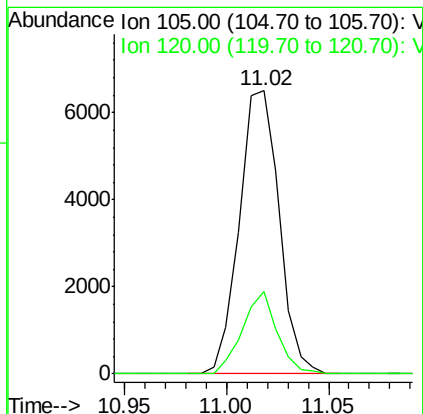
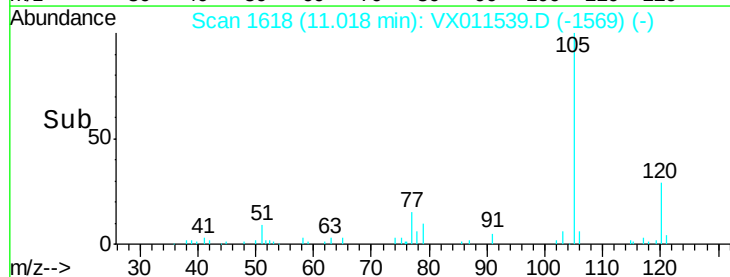
#73

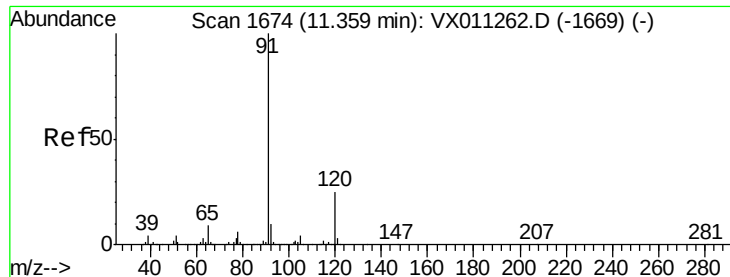
Isopropylbenzene
Concen: 1.059 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

Tgt Ion:105 Resp: 8795
Ion Ratio Lower Upper
105 100
120 25.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

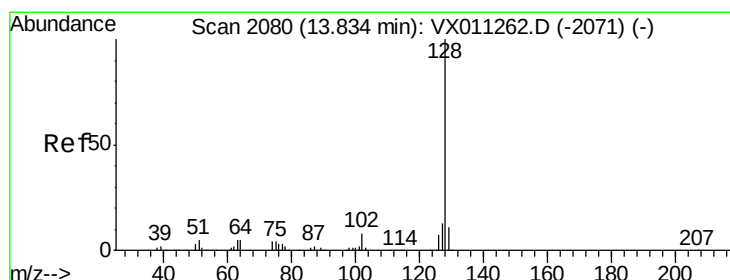
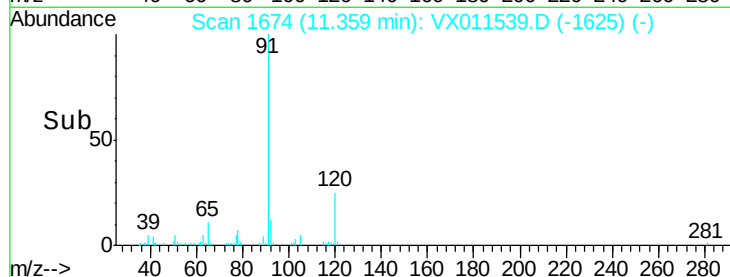
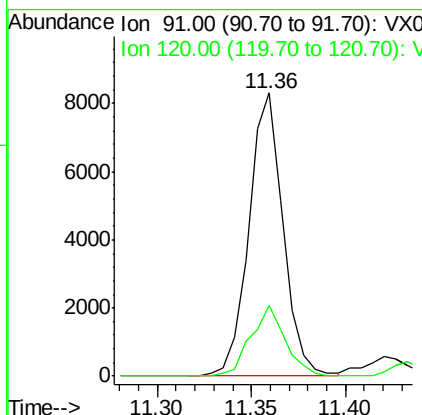
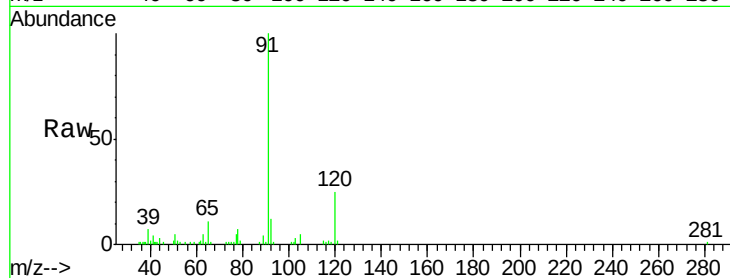




#78
n-propylbenzene
Concen: 1.132 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670DL

Tot Ion: 91 Resp: 10454
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.0



#95
Naphthalene
Concen: 2.711 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011539.D
Acq: 13 Aug 2019 16:27

Tgt Ion: 128 Resp: 21493
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.5 8.9 13.3

