

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011534.D
 Acq On : 13 Aug 2019 14:30
 Operator : JC/SP
 Sample : K4279-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

Quant Time: Aug 14 11:43:38 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	5.65	168	198366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139678	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	109030	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	5.49	113	87159	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	8.71	98	352161	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	127520	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

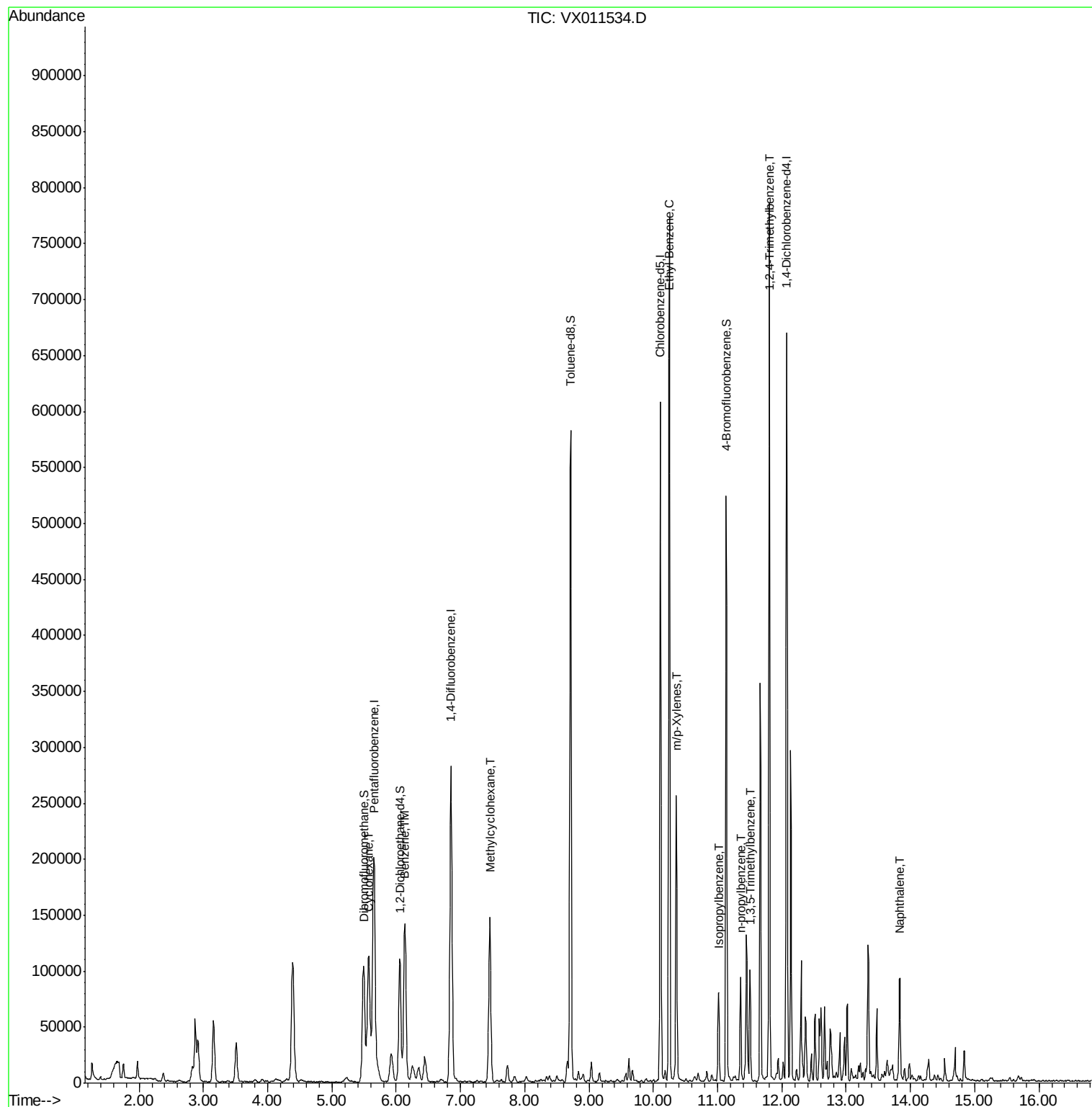
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	75829	29.476	ug/l	98
39) Methylcyclohexane	7.46	83	66068	21.598	ug/l	95
40) Benzene	6.13	78	172151	22.354	ug/l	98
67) Ethyl Benzene	10.25	91	433953	44.285	ug/l	96
68) m/p-Xylenes	10.36	106	60702	16.015	ug/l	98
73) Isopropylbenzene	11.02	105	41760	4.371	ug/l	99
78) n-propylbenzene	11.36	91	57436	5.406	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	43415	5.429	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	328635	41.276	ug/l	99
95) Naphthalene	13.83	128	58605	6.425	ug/l	98

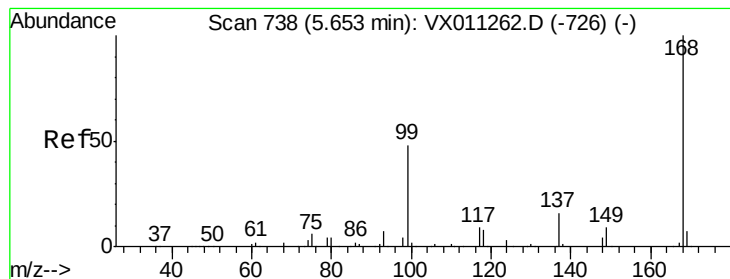
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\
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Quant Time: Aug 14 11:43:38 2019
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: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

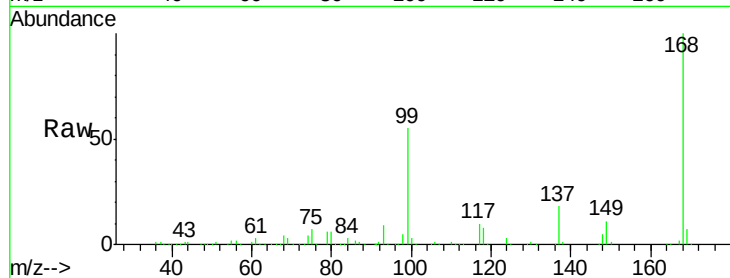
Z3-0672DL

Tot Ion:168 Resp: 198366

Ion Ratio Lower Upper

168 100

99 55.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

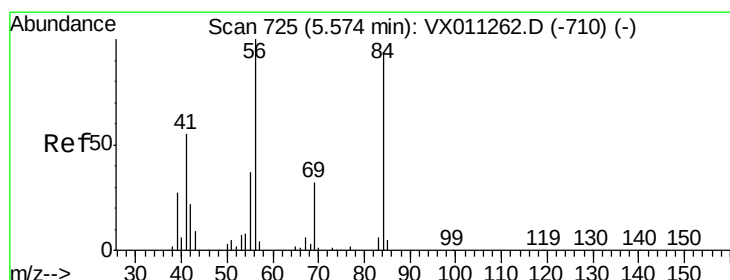
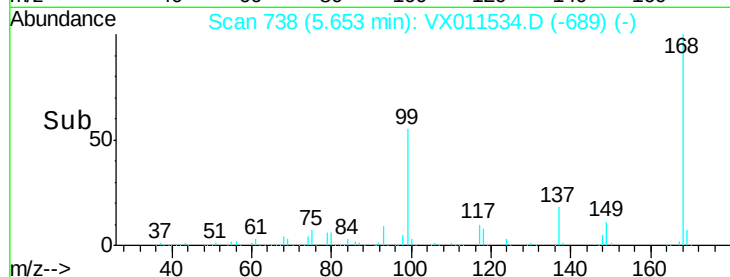
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 29.476 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

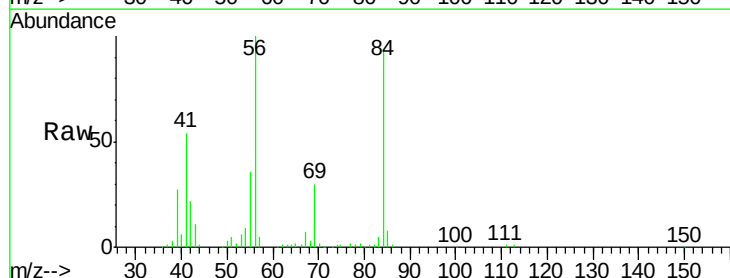
Tgt Ion: 56 Resp: 75829

Ion Ratio Lower Upper

56 100

69 30.0 25.5 38.3

84 92.8 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

30000

25000

20000

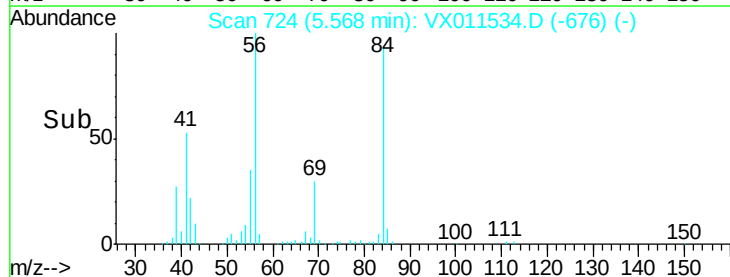
15000

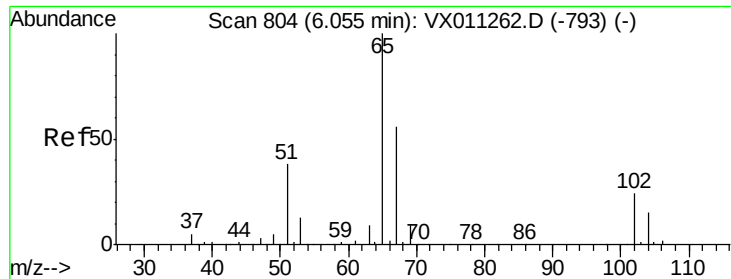
10000

5000

0

Time--> 5.50 5.60

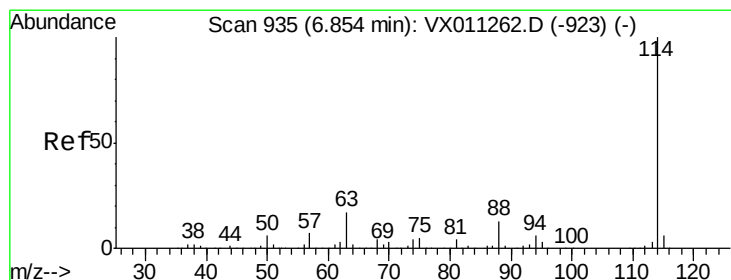
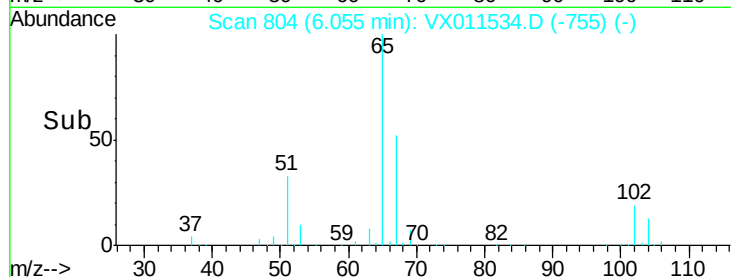
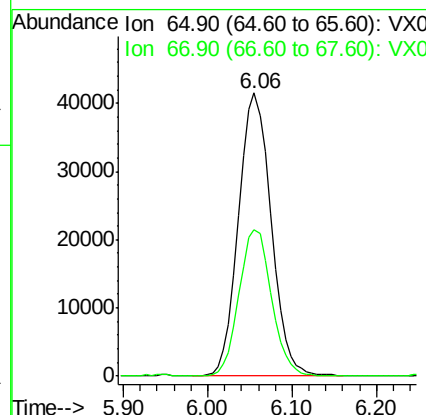
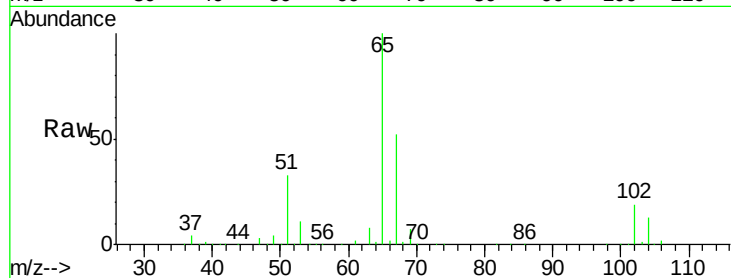




#33
 1,2-Dichloroethane-d4
 Concen: 54.579 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

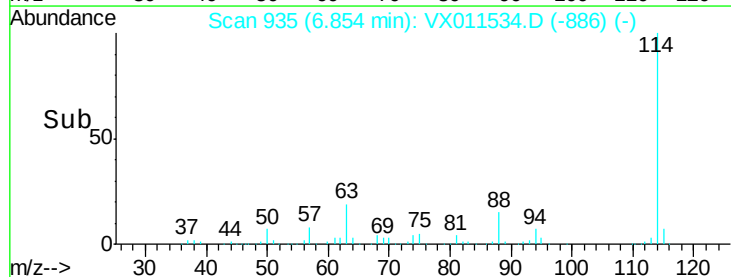
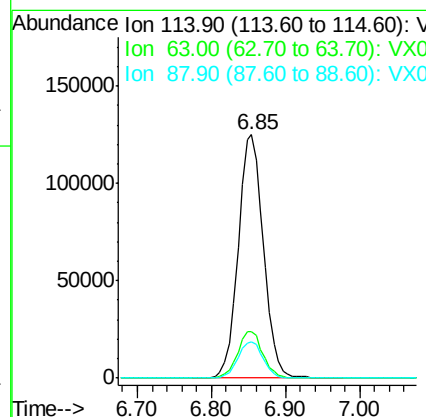
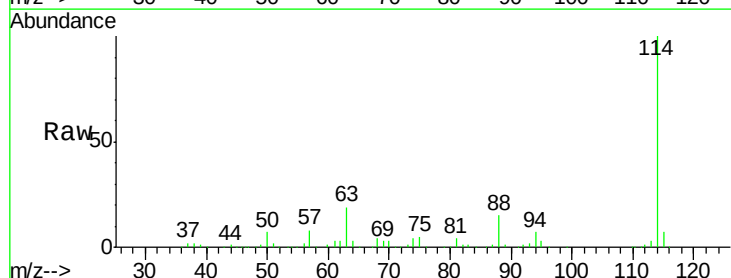
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

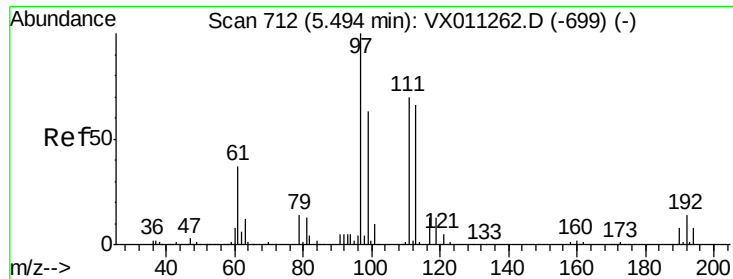
Tot Ion: 65 Resp: 109030
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Tgt Ion: 114 Resp: 295586
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.164 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672DL

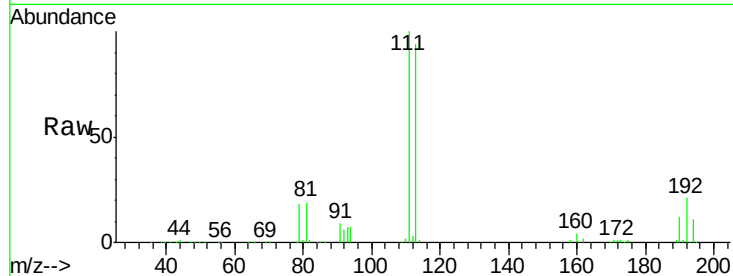
Tot Ion:113 Resp: 87159

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

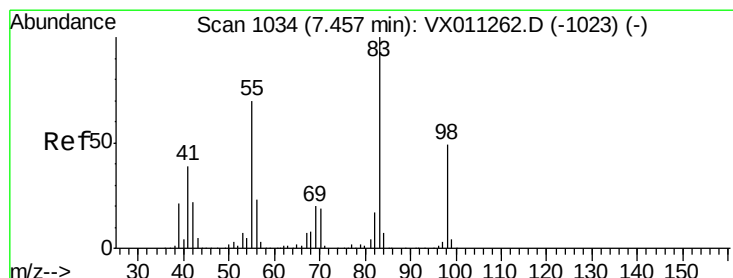
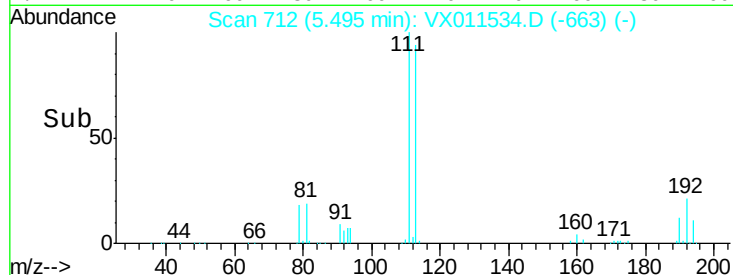
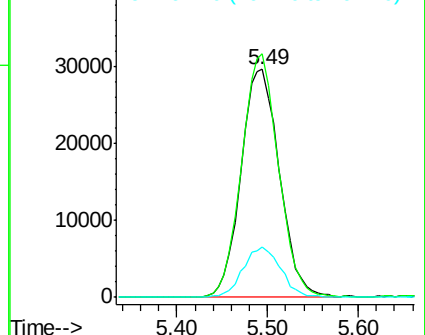
192 21.5 17.8 26.8



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



#39

Methylcyclohexane

Concen: 21.598 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

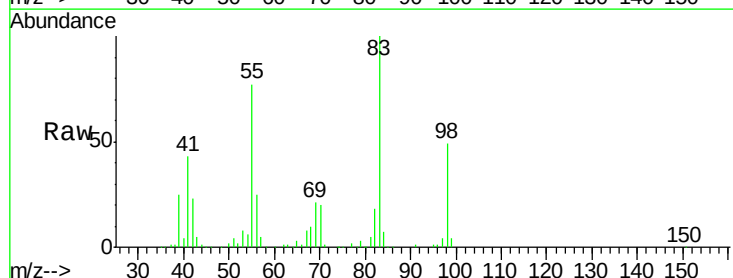
Tgt Ion: 83 Resp: 66068

Ion Ratio Lower Upper

83 100

55 76.8 56.1 84.1

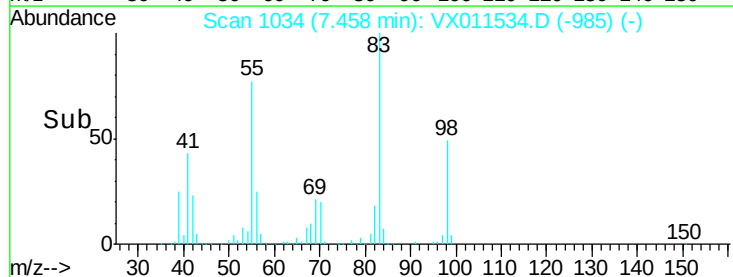
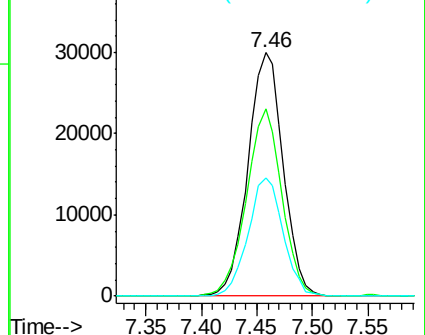
98 48.6 39.0 58.4

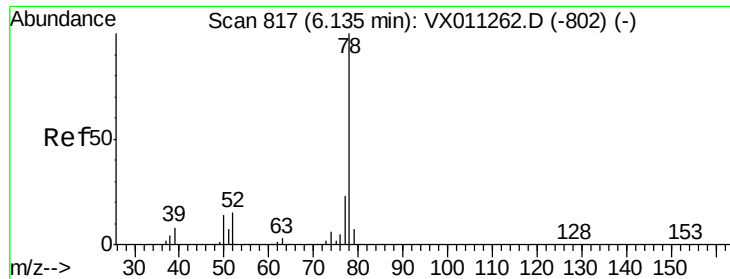


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 22.354 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

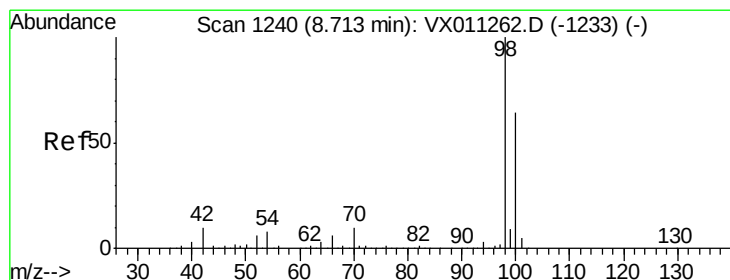
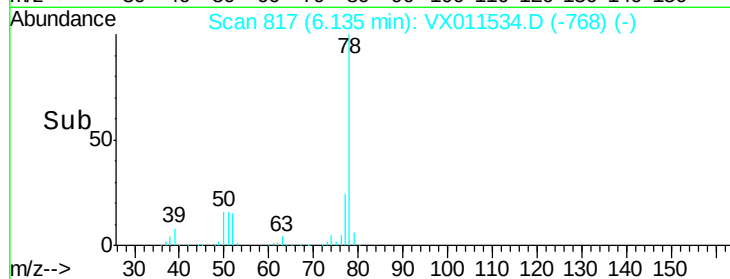
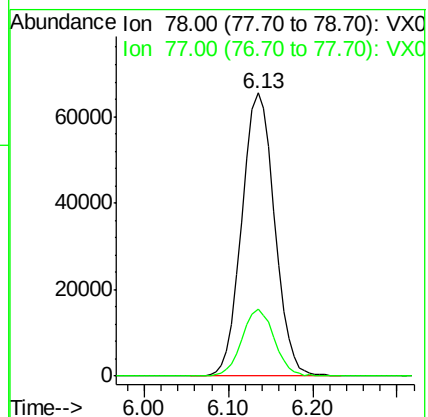
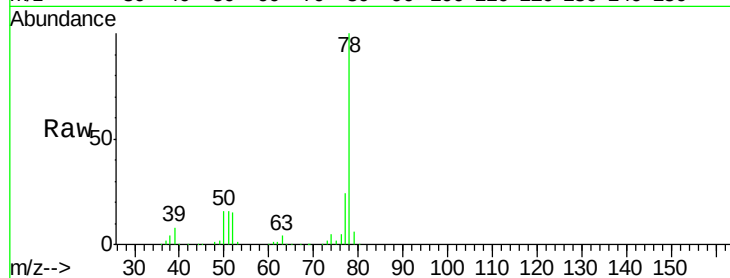
Z3-0672DL

Tot Ion: 78 Resp: 172151

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.2



#50

Toluene-d8

Concen: 48.344 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011534.D

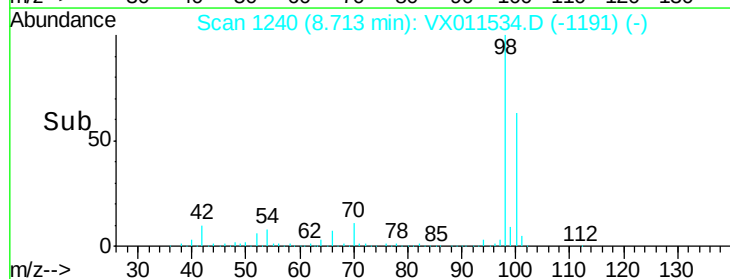
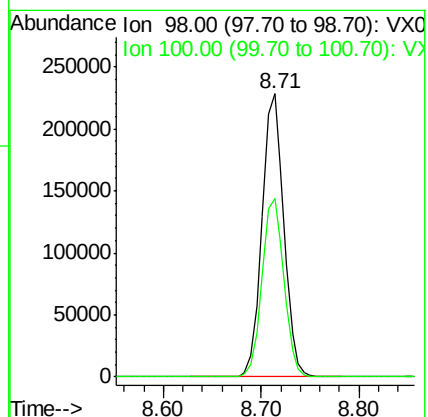
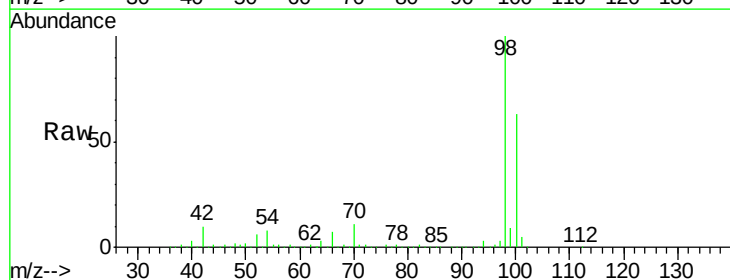
Acq: 13 Aug 2019 14:30

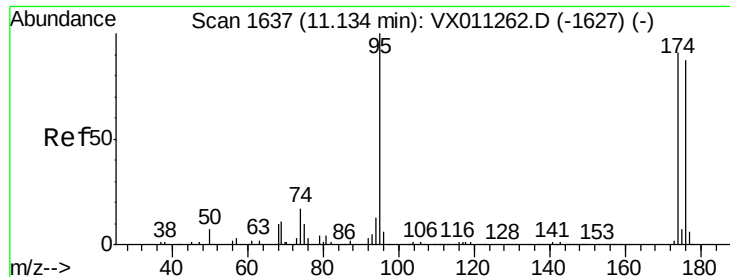
Tgt Ion: 98 Resp: 352161

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5

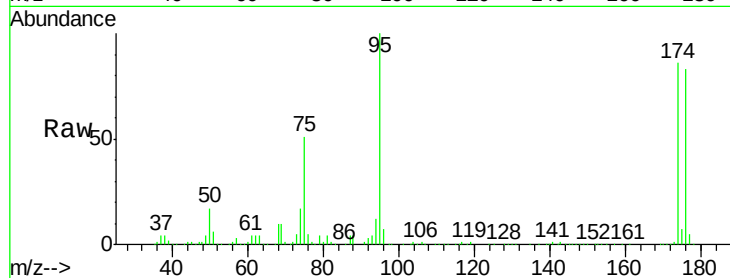




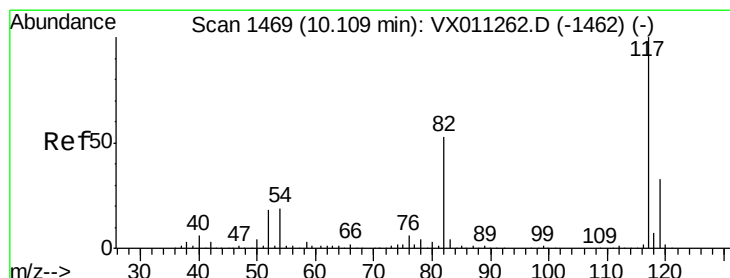
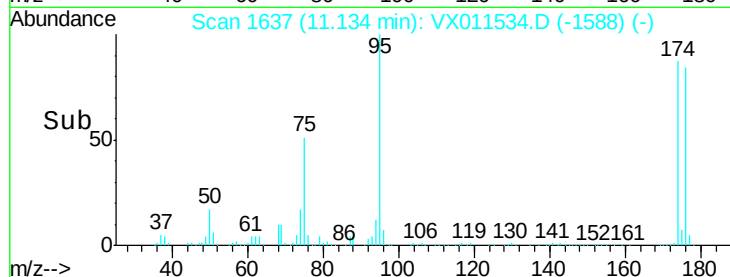
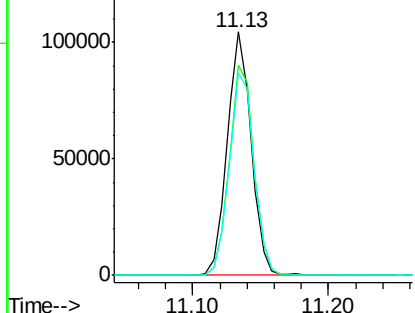
#62
4-Bromofluorobenzene
Concen: 49.032 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

Tot Ion: 95 Resp: 127520
Ion Ratio Lower Upper
95 100
174 89.1 0.0 191.2
176 86.8 0.0 184.8

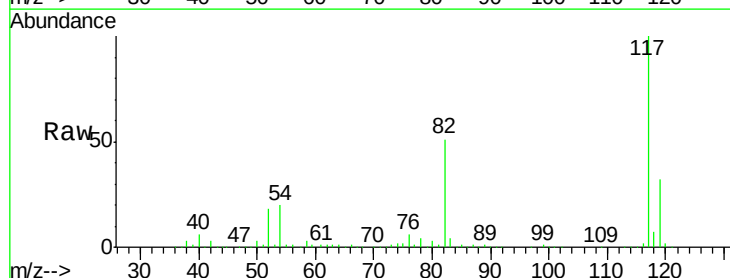


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

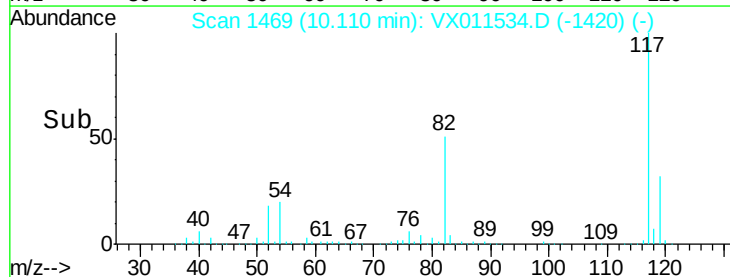
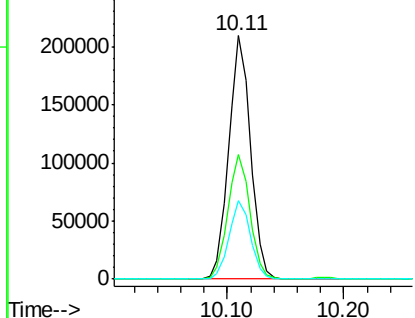


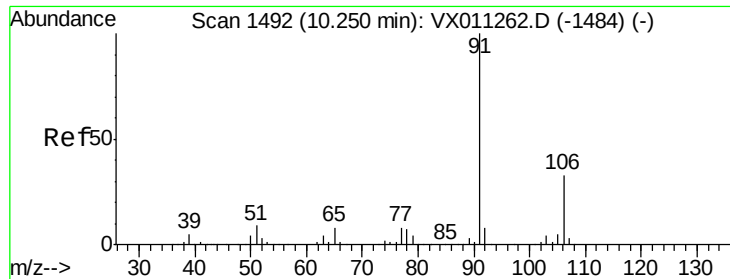
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 117 Resp: 272886
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.2
119 32.4 26.6 39.8



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

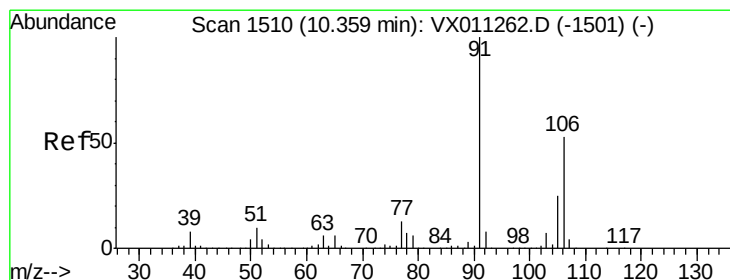
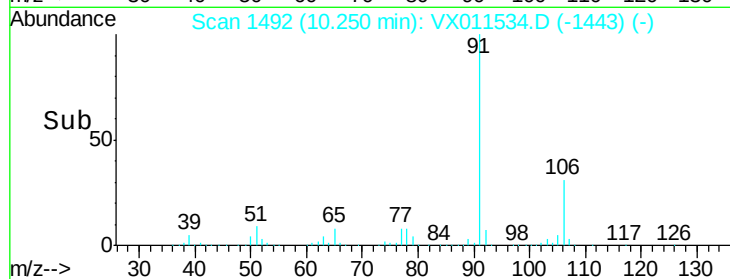
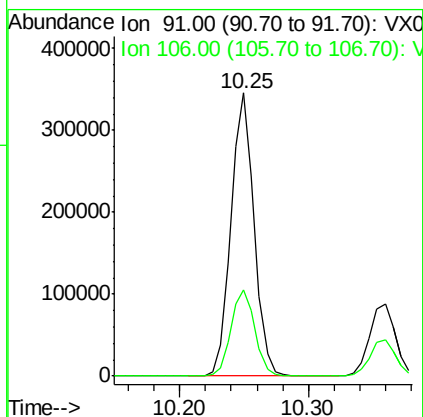
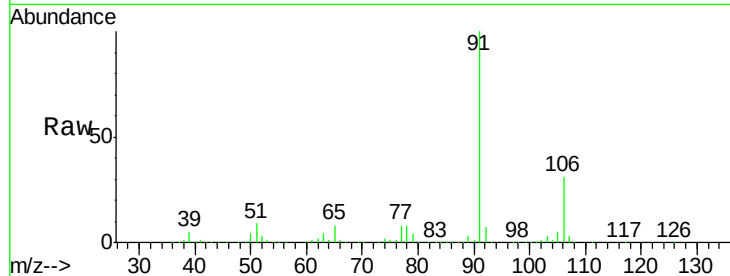




#67
Ethyl Benzene
Concen: 44.285 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

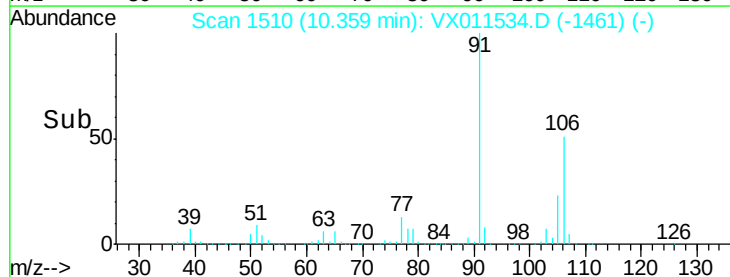
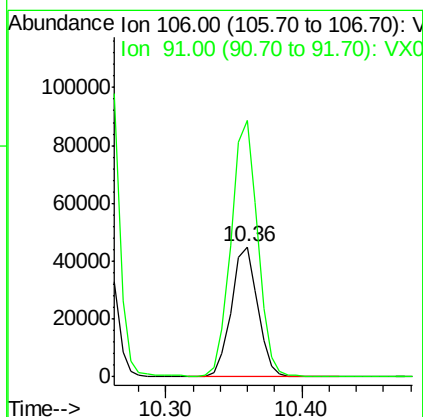
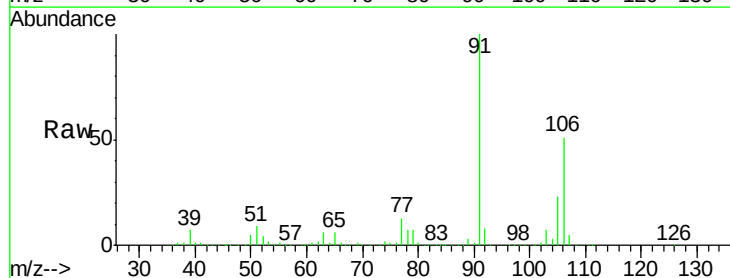
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

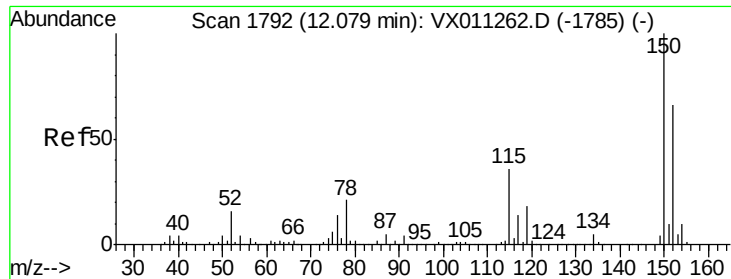
Tot Ion: 91 Resp: 433953
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.4



#68
m/p-Xylenes
Concen: 16.015 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 106 Resp: 60702
Ion Ratio Lower Upper
106 100
91 198.2 155.9 233.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672DL

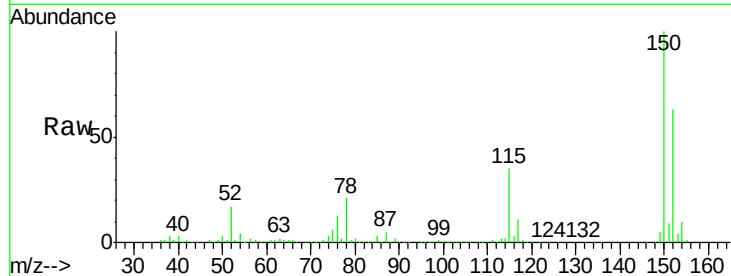
Tot Ion:152 Resp: 139678

Ion Ratio Lower Upper

152 100

115 56.8 40.0 119.9

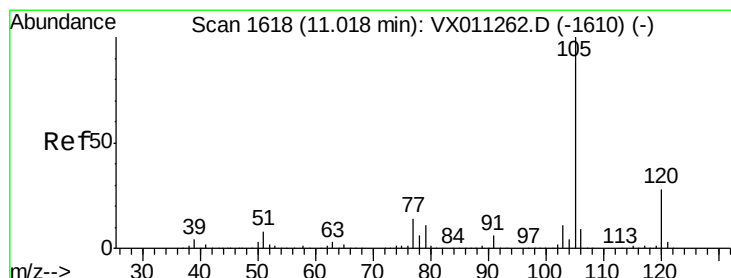
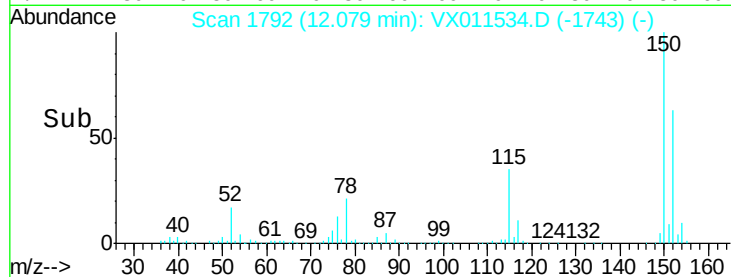
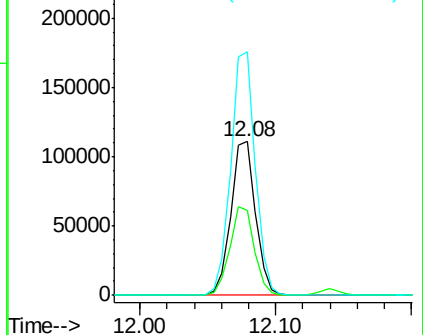
150 156.9 0.0 350.4



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: 4.371 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011534.D

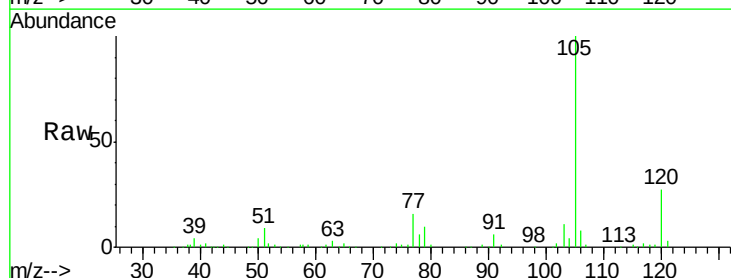
Acq: 13 Aug 2019 14:30

Tgt Ion:105 Resp: 41760

Ion Ratio Lower Upper

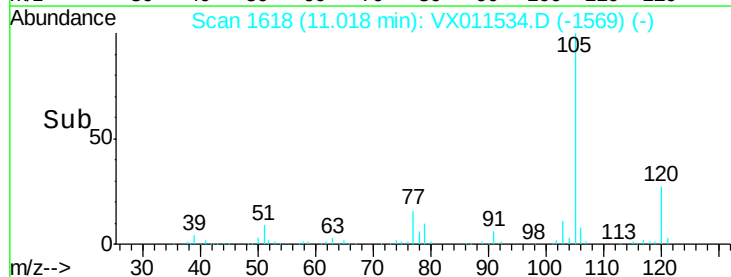
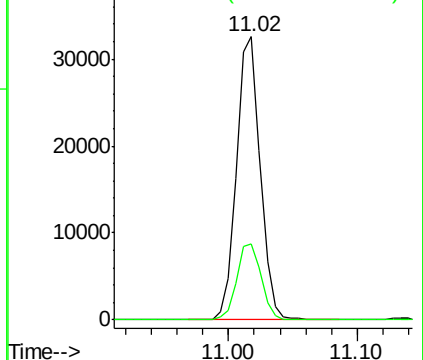
105 100

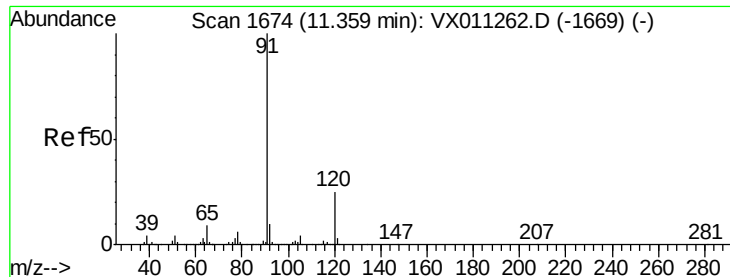
120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

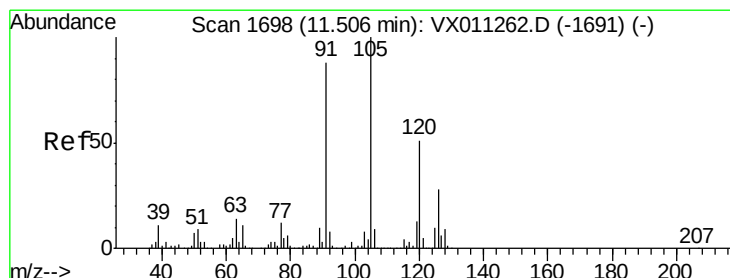
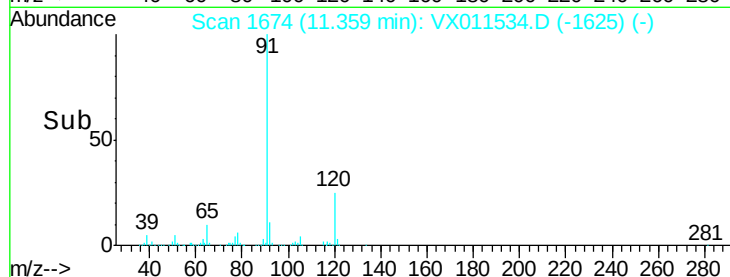
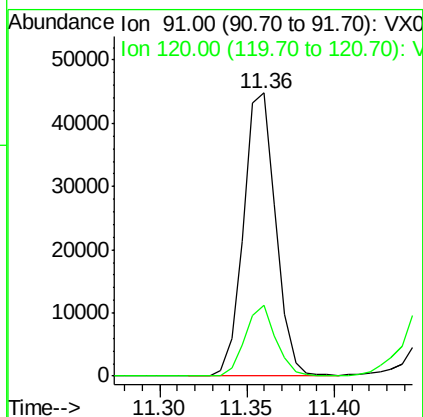
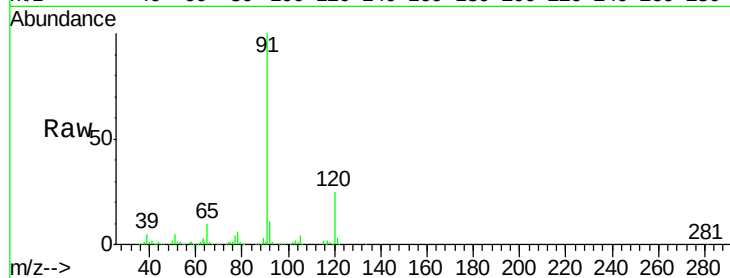
Z3-0672DL

Tot Ion: 91 Resp: 57436

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.0



#80

1,3,5-Trimethylbenzene

Concen: 5.429 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011534.D

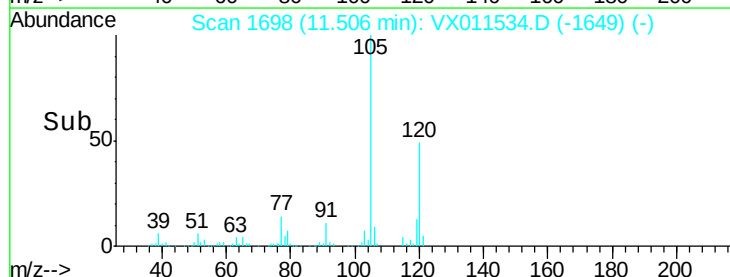
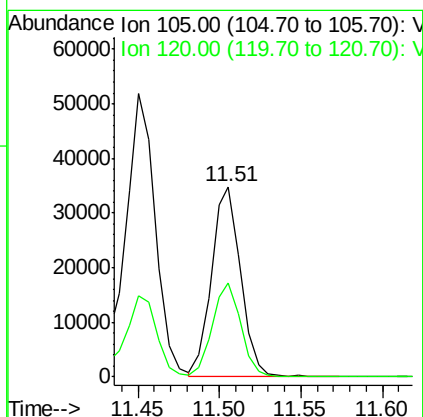
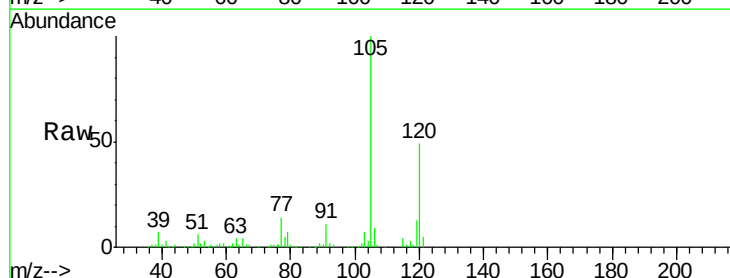
Acq: 13 Aug 2019 14:30

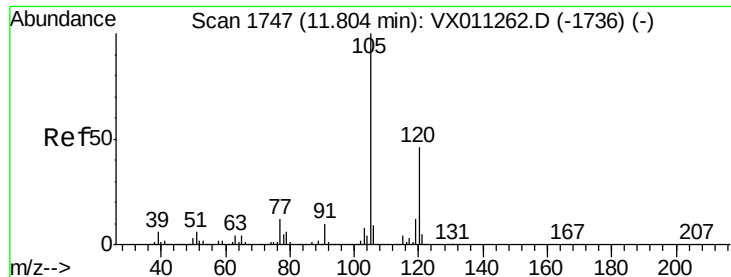
Tgt Ion: 105 Resp: 43415

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2

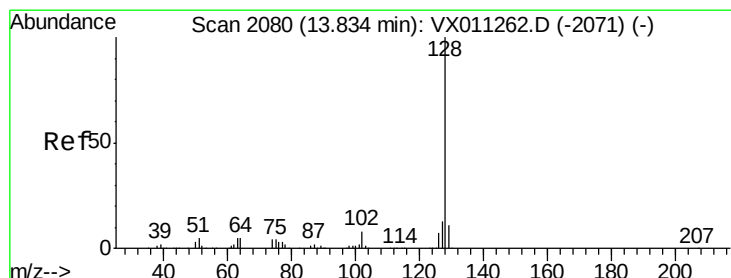
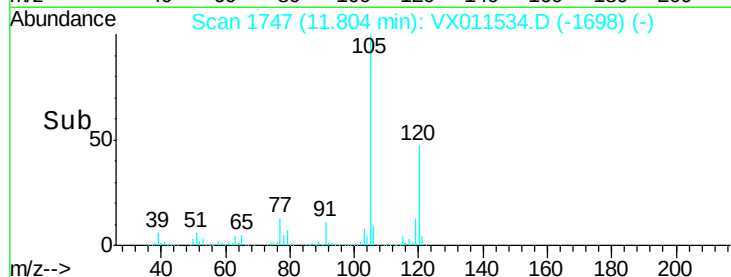
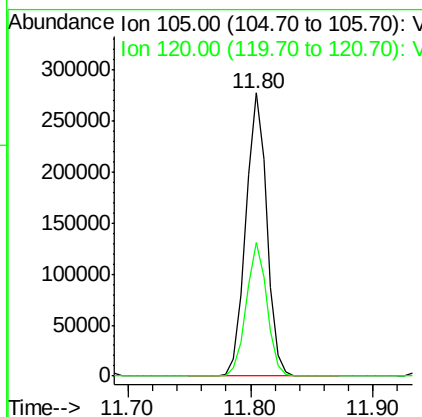
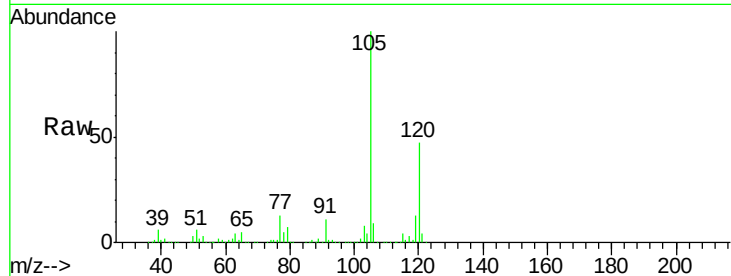




#84
 1,2,4-Trimethylbenzene
 Concen: 41.276 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

Tot Ion:105 Resp: 328635
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



#95
 Naphthalene
 Concen: 6.425 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Tgt Ion:128 Resp: 58605
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 12.0 8.9 13.3

