

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011520.D
 Acq On : 13 Aug 2019 06:17
 Operator : JC/SP
 Sample : K4279-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

Quant Time: Aug 13 09:44:28 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	193726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111176	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	106137	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	5.49	113	88796	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	334948	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	110697	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	

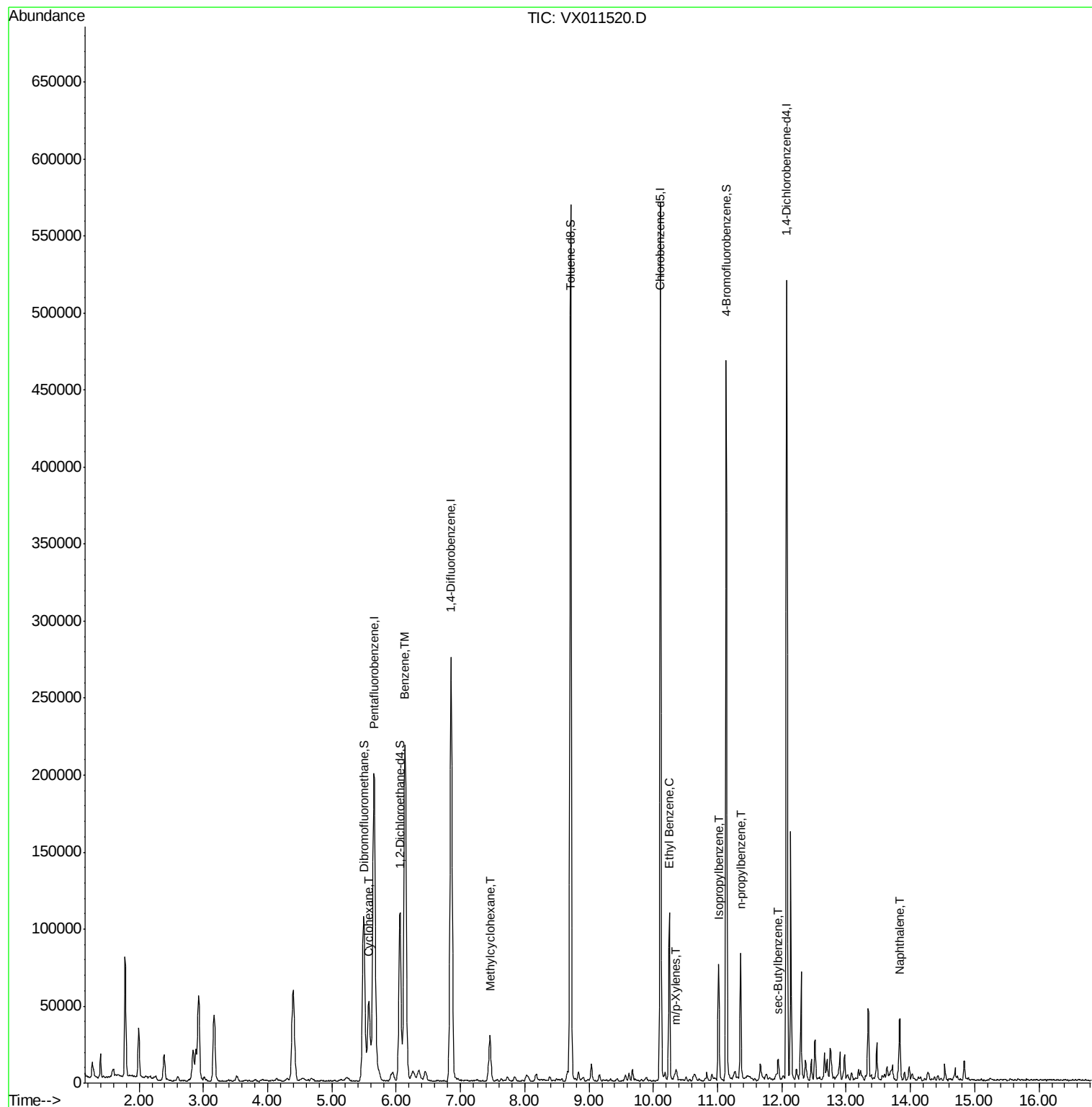
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	33347	13.273	ug/l	98
39) Methylcyclohexane	7.46	83	12188	4.111	ug/l	90
40) Benzene	6.13	78	265423	35.566	ug/l	99
67) Ethyl Benzene	10.25	91	60462	6.618	ug/l	98
68) m/p-Xylenes	10.35	106	1164	0.329	ug/l	97
73) Isopropylbenzene	11.02	105	38828	5.106	ug/l	99
78) n-propylbenzene	11.36	91	49817	5.891	ug/l	97
85) sec-Butylbenzene	11.94	105	6211	0.828	ug/l	81
95) Naphthalene	13.83	128	25465	3.508	ug/l	97

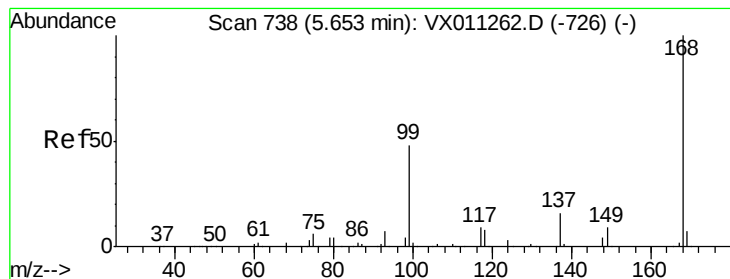
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081219\
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Acq On : 13 Aug 2019 06:17
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Quant Time: Aug 13 09:44:28 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: VX011520.D

Acq: 13 Aug 2019 06:17

Instrument :

MSVOA_X

ClientSampled :

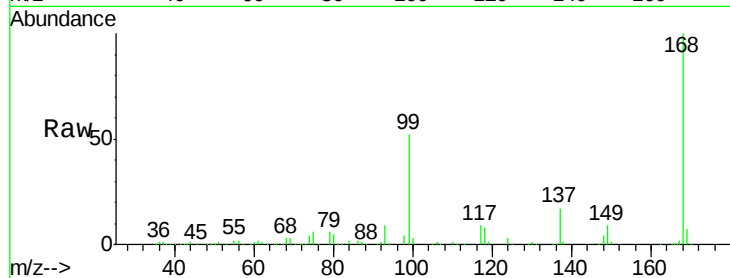
Z3-0669

Tot Ion:168 Resp: 193726

Ion Ratio Lower Upper

168 100

99 51.9 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

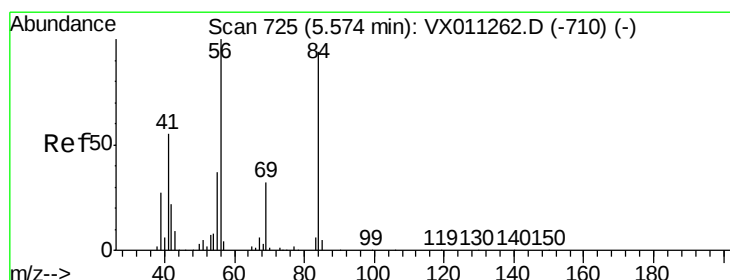
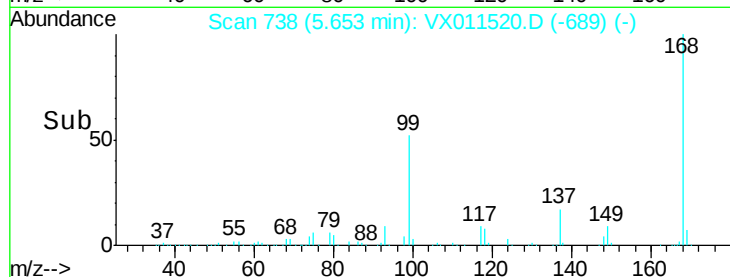
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 13.273 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

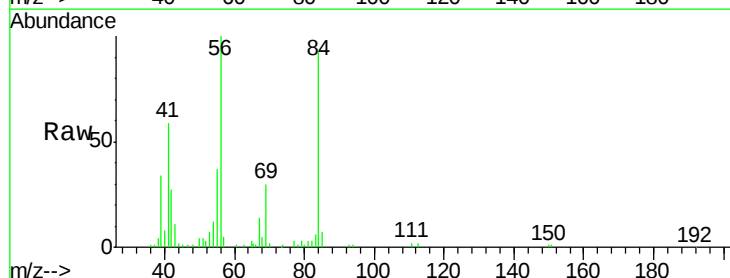
Tgt Ion: 56 Resp: 33347

Ion Ratio Lower Upper

56 100

69 30.0 25.5 38.3

84 92.7 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

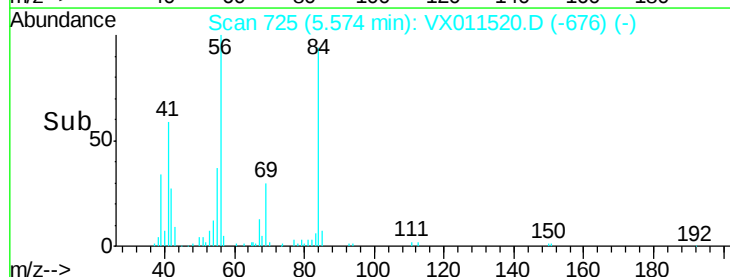
5.57

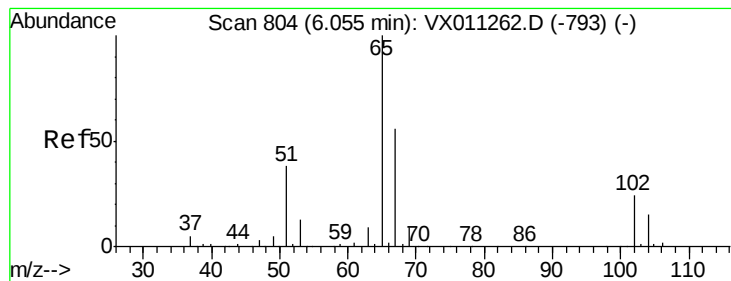
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.403 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

Instrument :

MSVOA_X

ClientSampled :

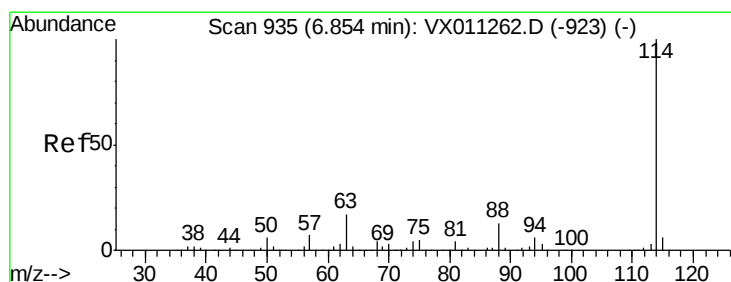
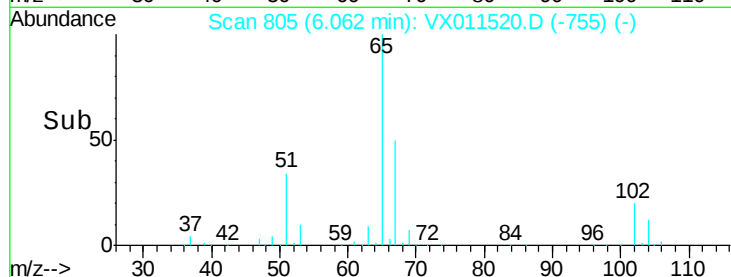
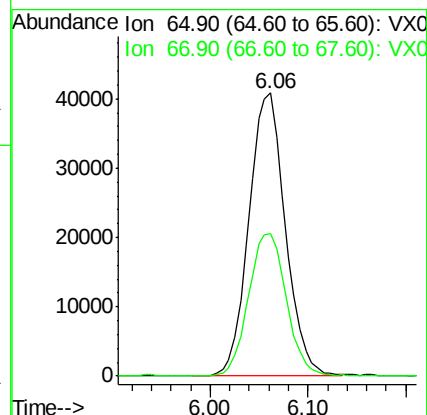
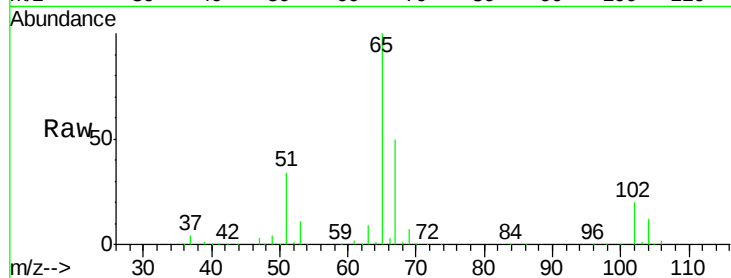
Z3-0669

Tot Ion: 65 Resp: 106137

Ion Ratio Lower Upper

65 100

67 51.8 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: VX011520.D

Acq: 13 Aug 2019 06:17

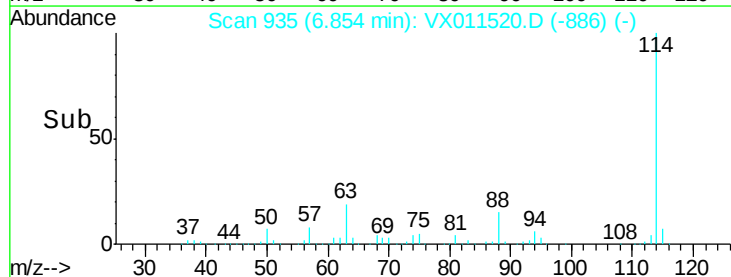
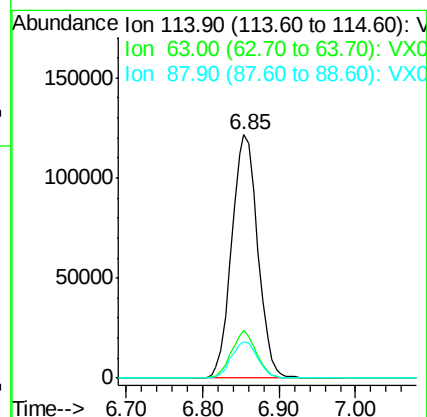
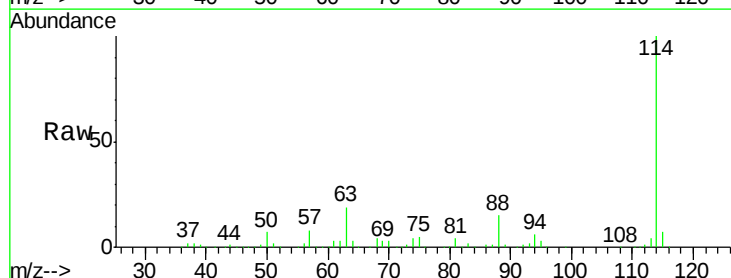
Tgt Ion: 114 Resp: 286443

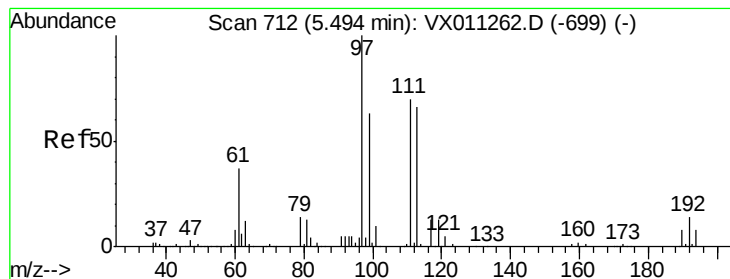
Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.481 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

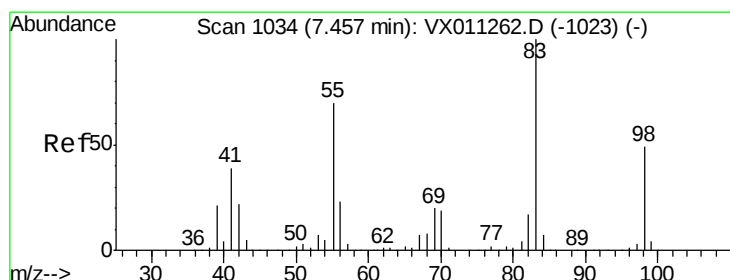
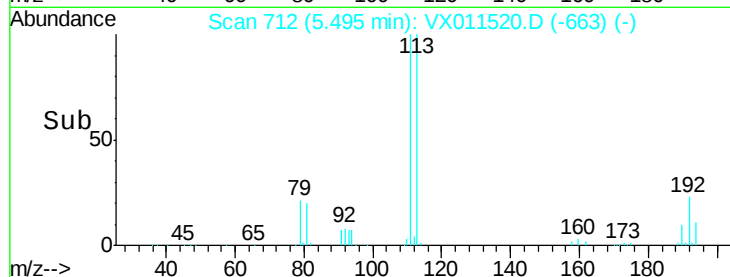
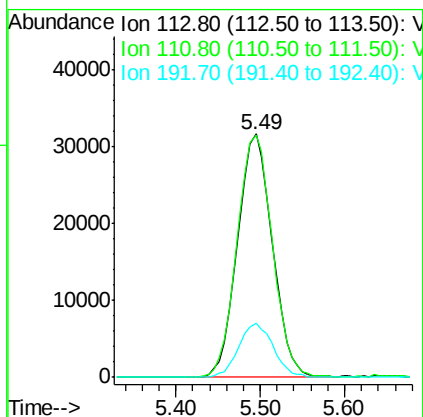
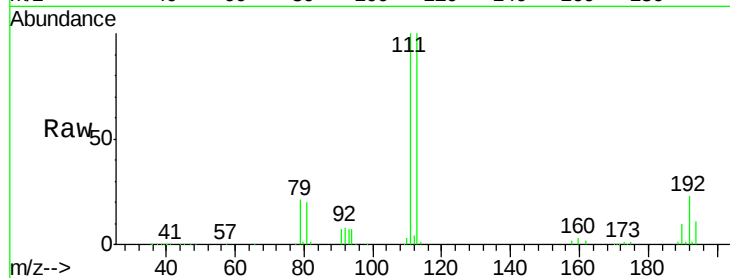
Tot Ion:113 Resp: 88796

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 22.1 17.8 26.8



#39

Methylcyclohexane

Concen: 4.111 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

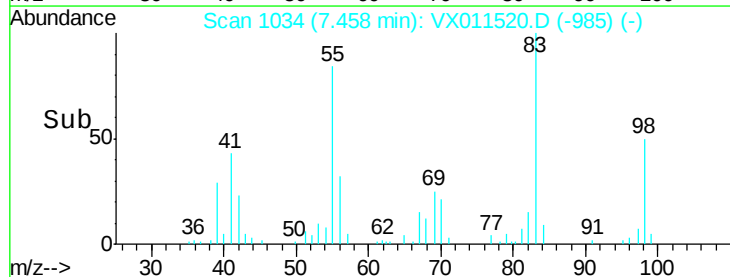
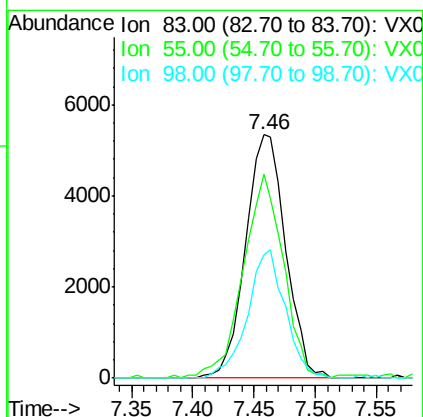
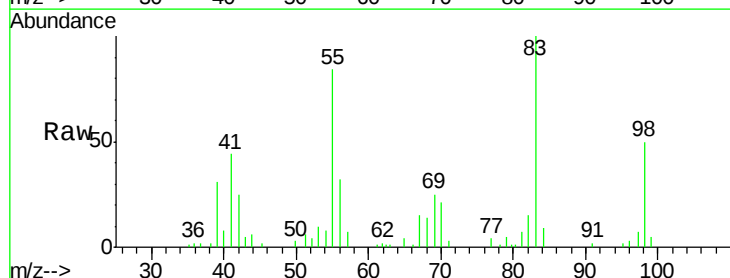
Tgt Ion: 83 Resp: 12188

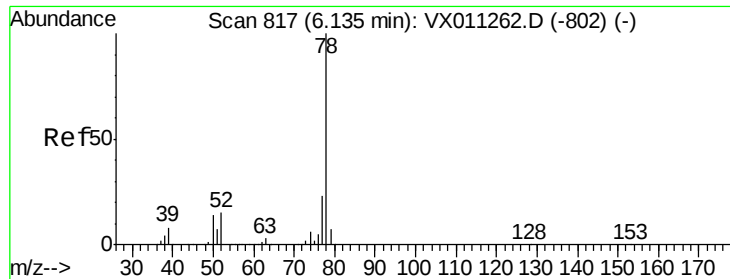
Ion Ratio Lower Upper

83 100

55 82.5 56.1 84.1

98 50.5 39.0 58.4





#40

Benzene

Concen: 35.566 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

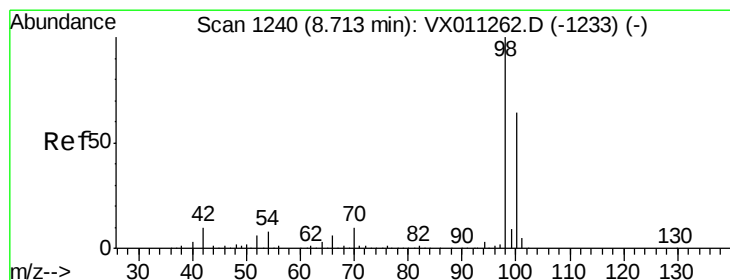
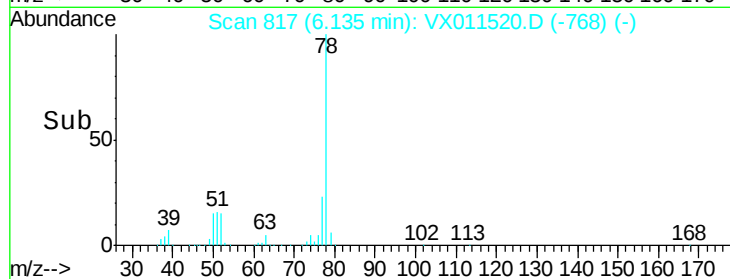
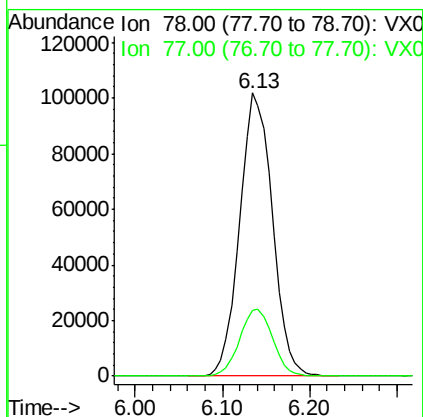
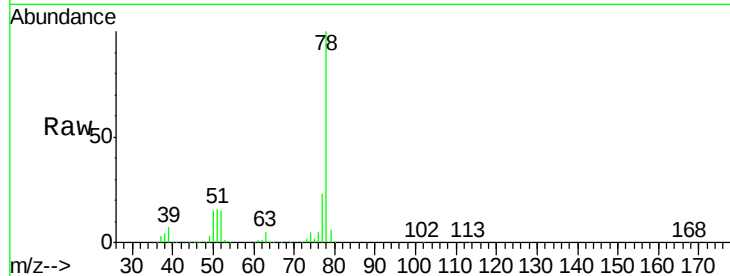
Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tot Ion: 78 Resp: 265423

Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.2



#50

Toluene-d8

Concen: 47.449 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011520.D

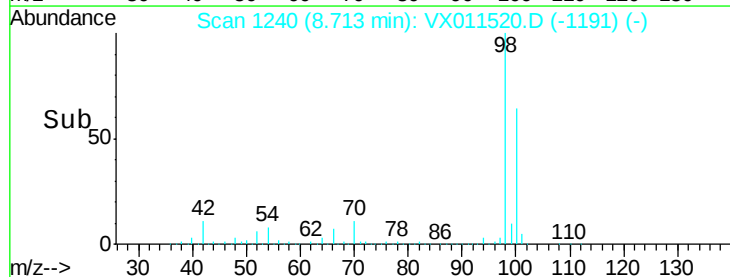
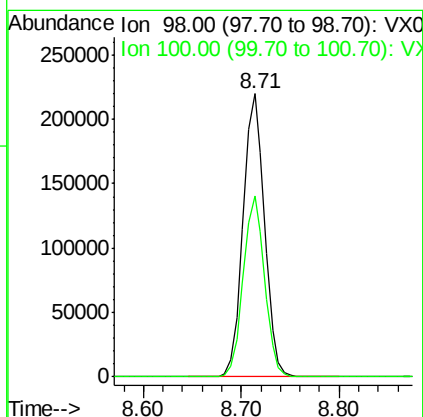
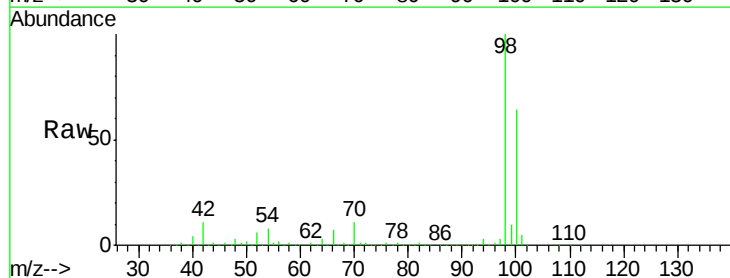
Acq: 13 Aug 2019 06:17

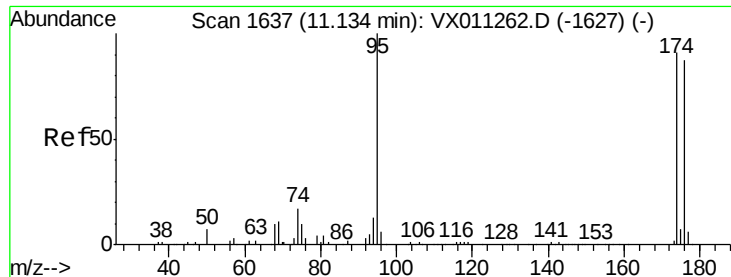
Tgt Ion: 98 Resp: 334948

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

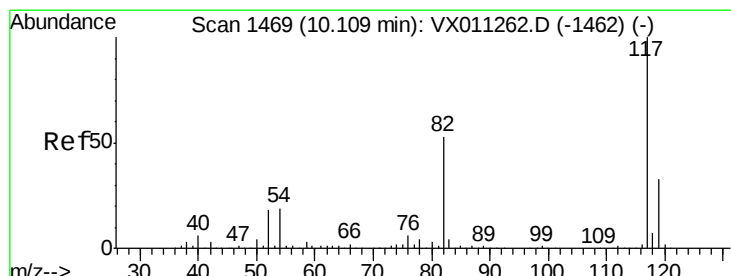
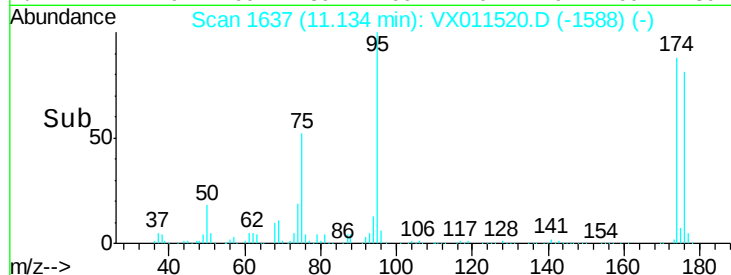
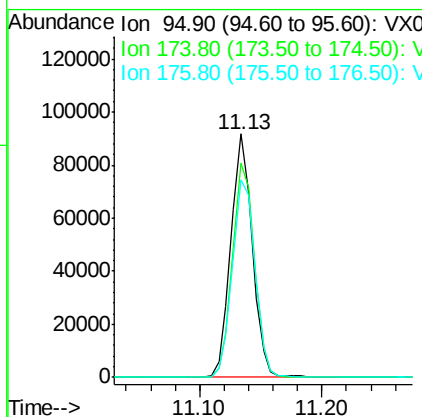
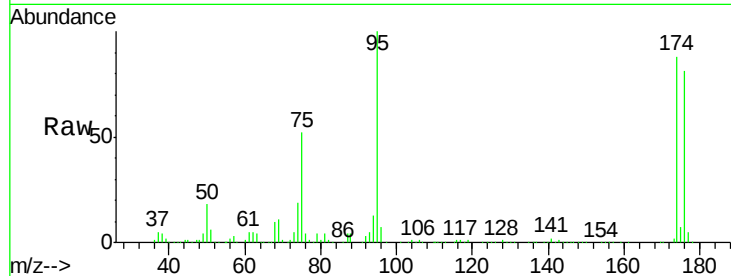




#62
4-Bromofluorobenzene
Concen: 43.922 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011520.D
Acq: 13 Aug 2019 06:17

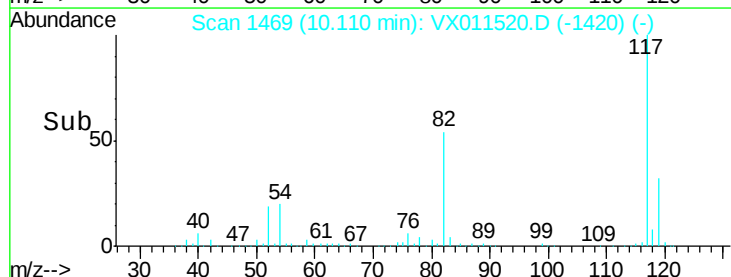
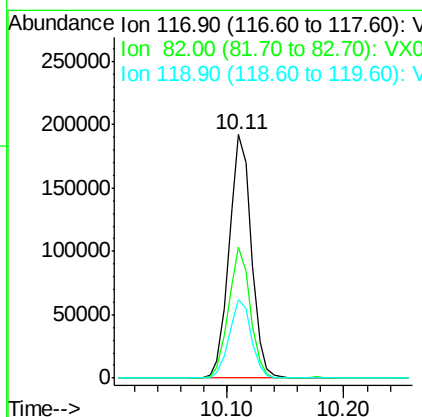
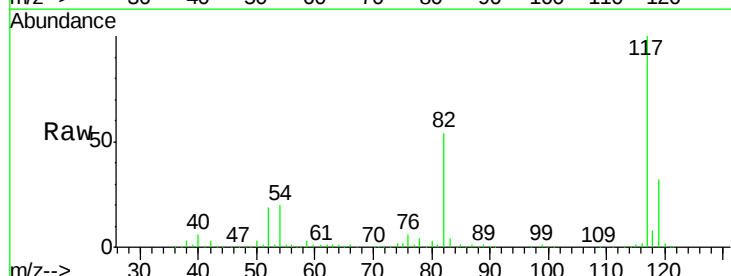
Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

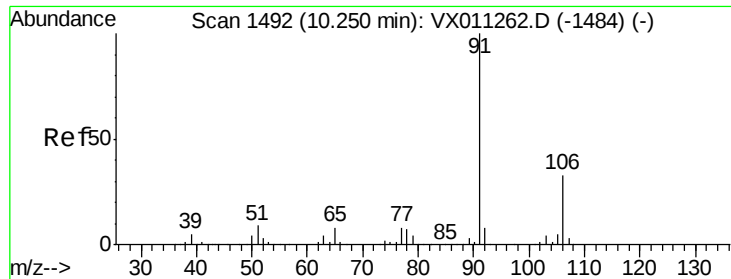
Tot Ion: 95 Resp: 110697
Ion Ratio Lower Upper
95 100
174 90.3 0.0 191.2
176 85.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011520.D
Acq: 13 Aug 2019 06:17

Tgt Ion: 117 Resp: 254408
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.3 26.6 39.8

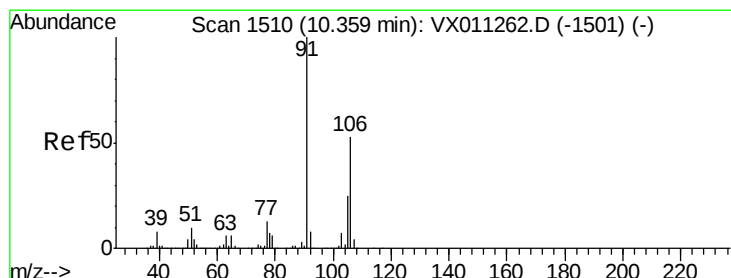
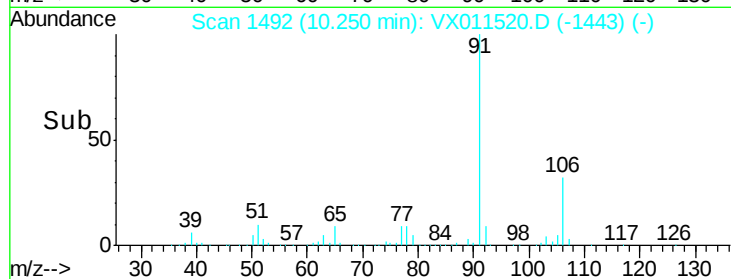
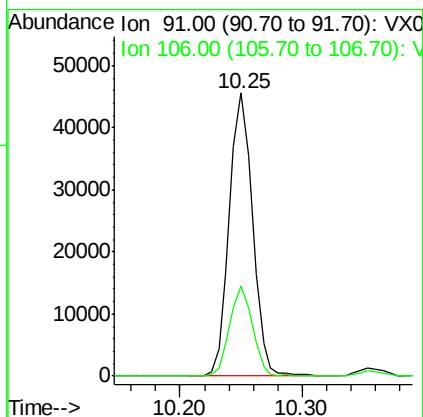
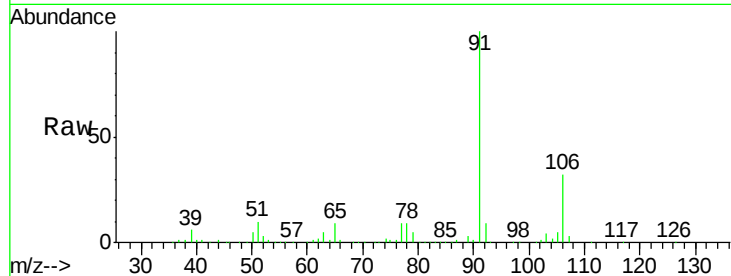




#67
Ethyl Benzene
Concen: 6.618 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011520.D
Acq: 13 Aug 2019 06:17

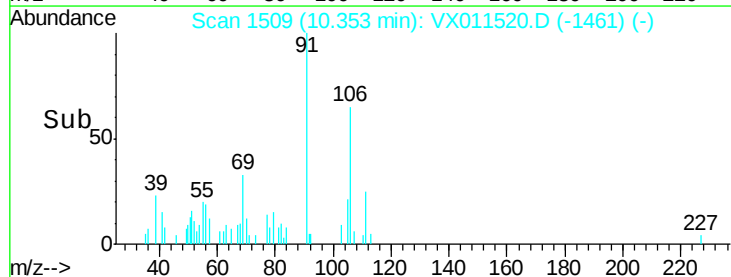
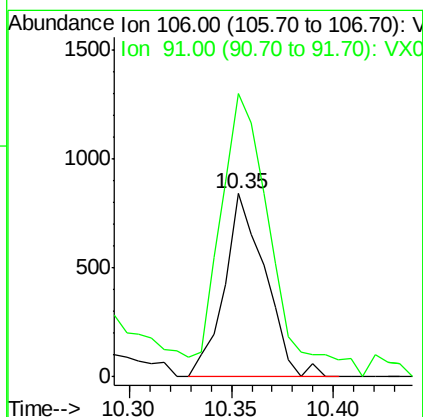
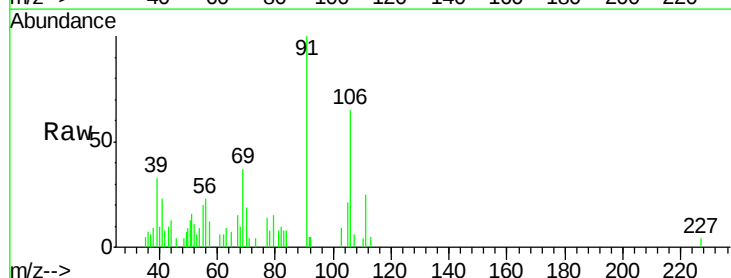
Instrument :
MSVOA_X
ClientSampled :
Z3-0669

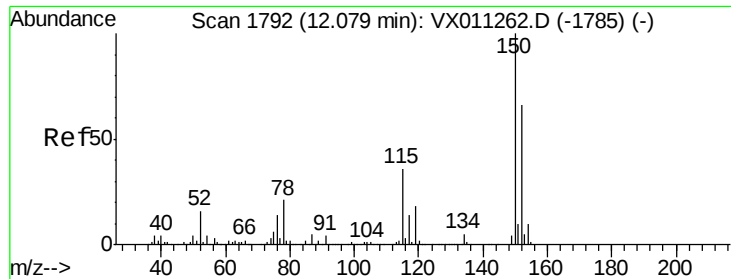
Tot Ion: 91 Resp: 60462
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.4



#68
m/p-Xylenes
Concen: 0.329 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011520.D
Acq: 13 Aug 2019 06:17

Tgt Ion: 106 Resp: 1164
Ion Ratio Lower Upper
106 100
91 190.4 155.9 233.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

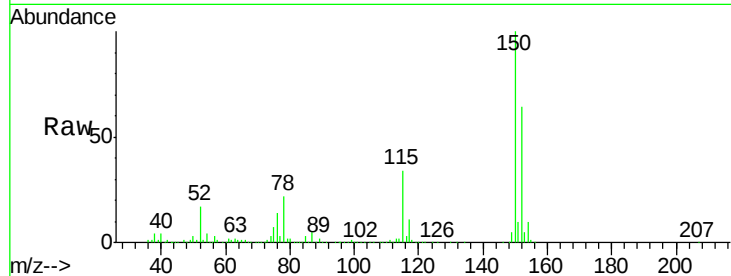
Tot Ion:152 Resp: 111176

Ion Ratio Lower Upper

152 100

115 56.5 40.0 119.9

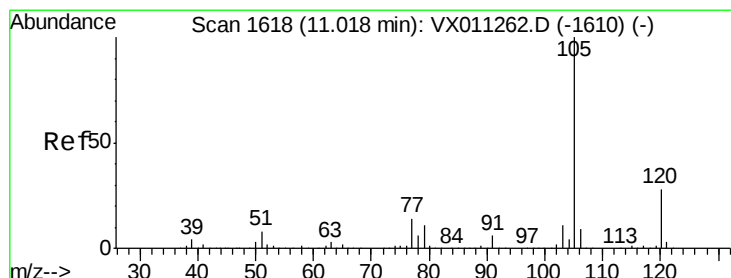
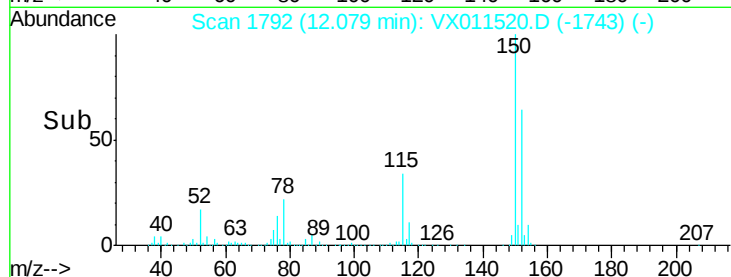
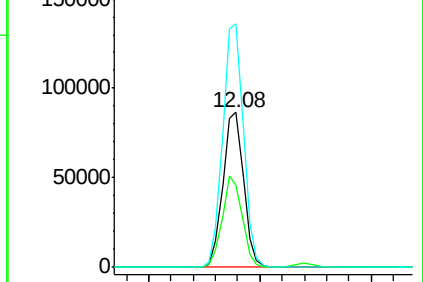
150 157.8 0.0 350.4



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: 5.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011520.D

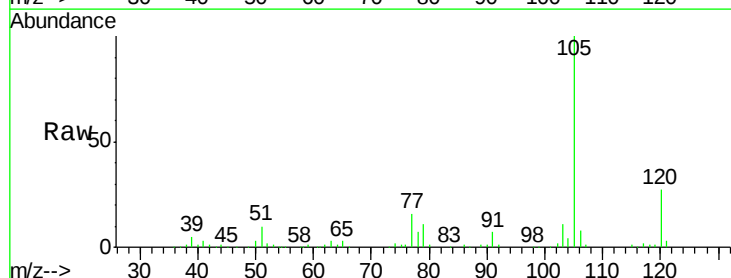
Acq: 13 Aug 2019 06:17

Tgt Ion:105 Resp: 38828

Ion Ratio Lower Upper

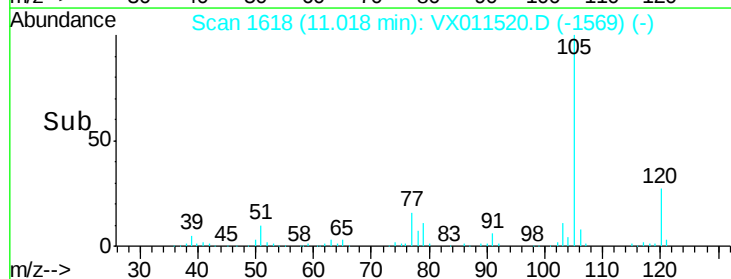
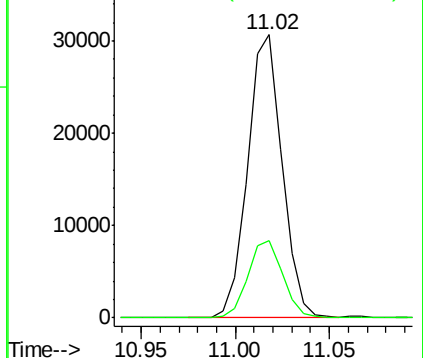
105 100

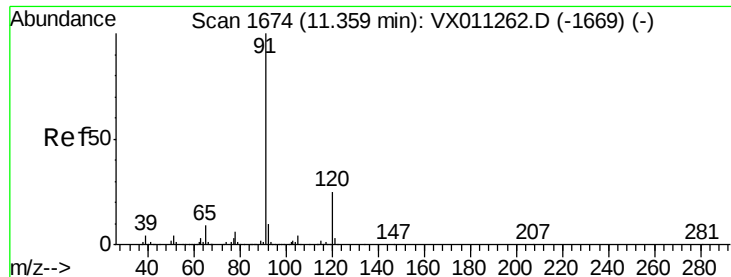
120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.891 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011520.D

Acq: 13 Aug 2019 06:17

Instrument :

MSVOA_X

ClientSampleId :

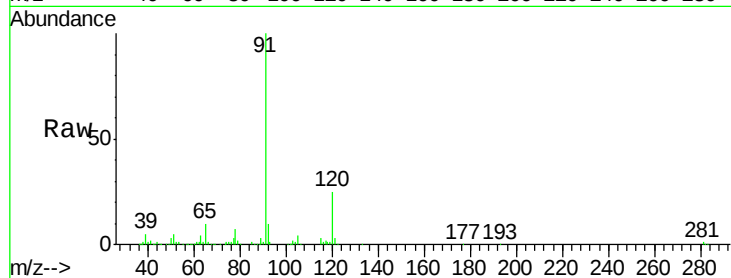
Z3-0669

Tot Ion: 91 Resp: 49817

Ion Ratio Lower Upper

91 100

120 23.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1669) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1669) (-)

11.36

40000

30000

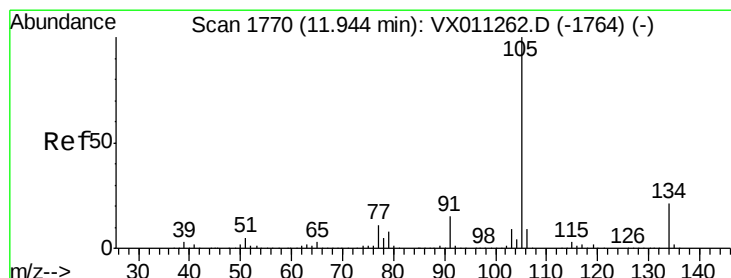
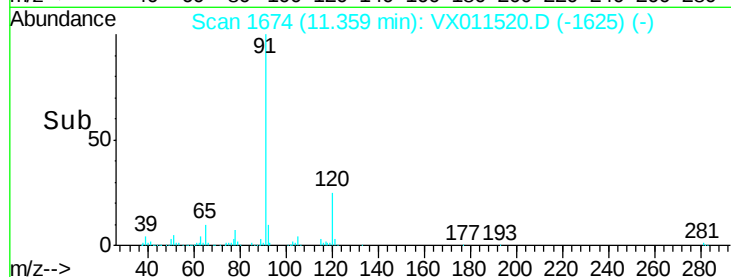
20000

10000

0

Time-->

11.30 11.40



#85

sec-Butylbenzene

Concen: 0.828 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011520.D

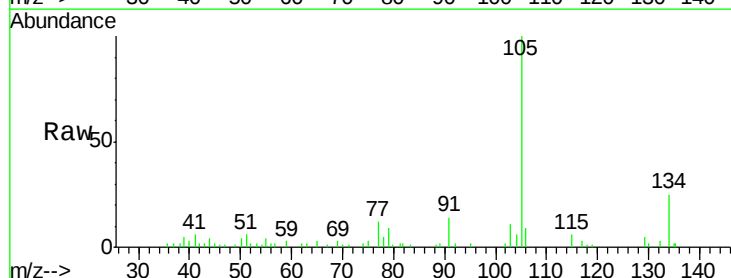
Acq: 13 Aug 2019 06:17

Tgt Ion: 105 Resp: 6211

Ion Ratio Lower Upper

105 100

134 29.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1764) (-)

Ion 134.00 (133.70 to 134.70): VX011262.D (-1764) (-)

11.94

6000

5000

4000

3000

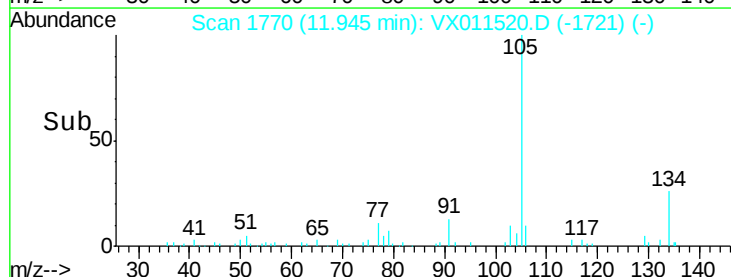
2000

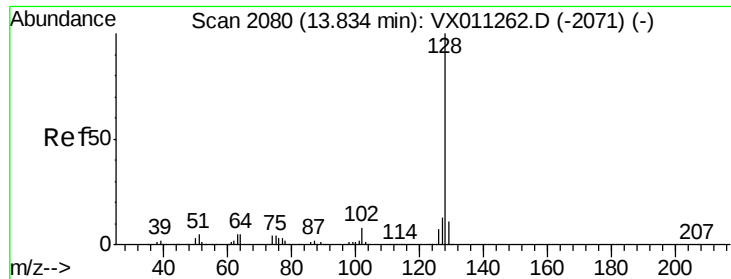
1000

0

Time-->

11.90 11.95 12.00

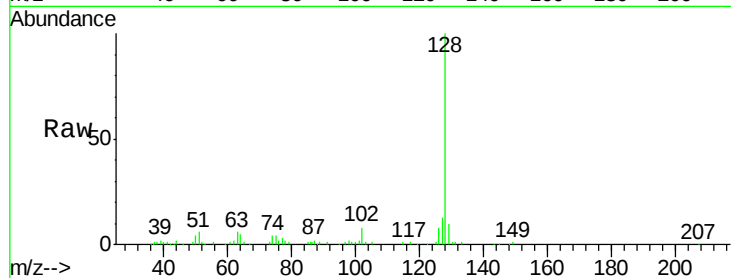




#95
Naphthalene
Concen: 3.508 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011520.D
Acq: 13 Aug 2019 06:17

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	13.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

