

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011362.D
 Acq On : 07 Aug 2019 14:44
 Operator : JC/SP
 Sample : K4190-04 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30320

Quant Time: Aug 08 07:32:28 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

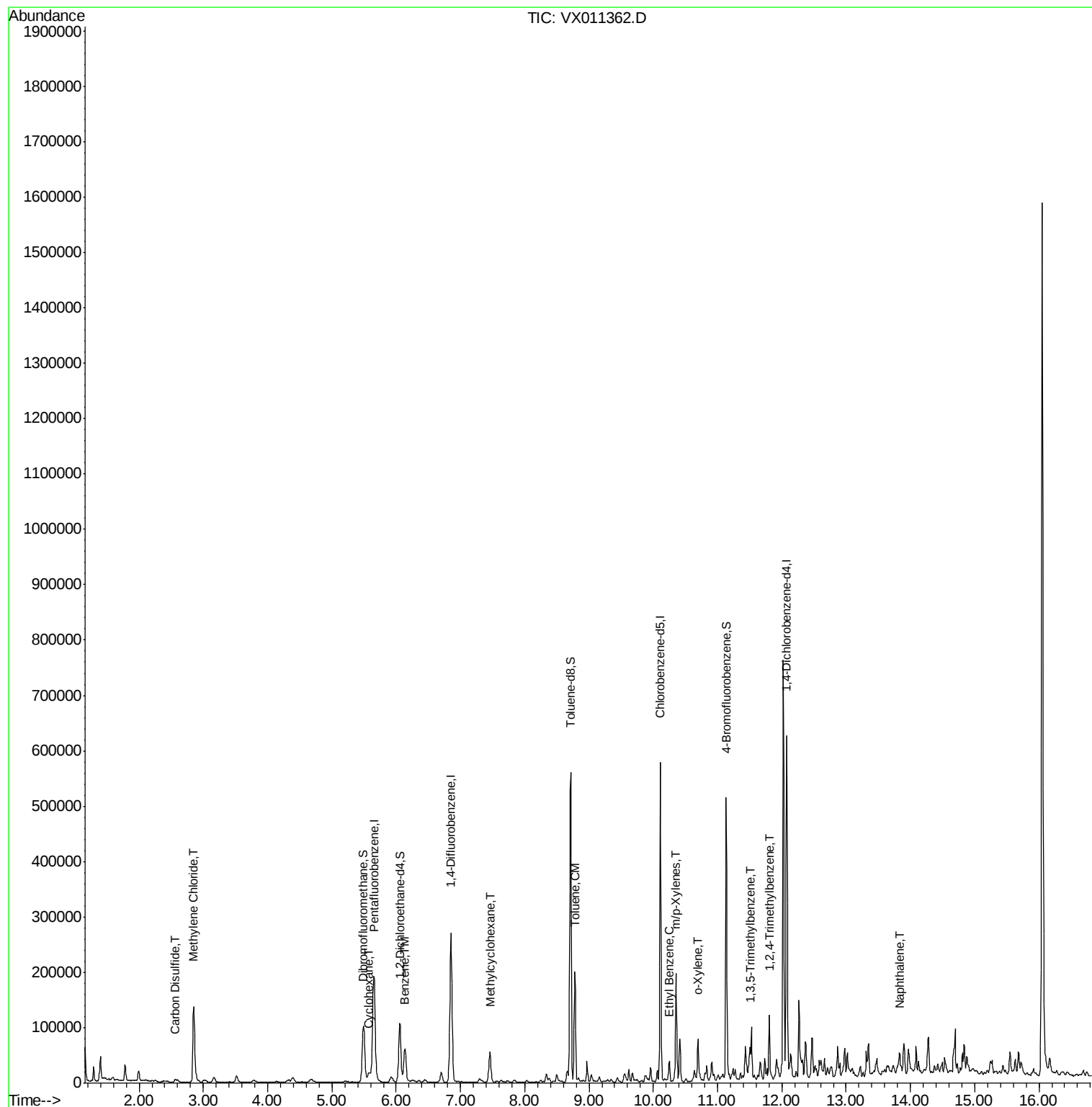
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	193333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100078	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.49	113	85341	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
50) Toluene-d8	8.71	98	335318	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.13	95	116229	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.56	76	6290	1.524	ug/l #	92
20) Methylene Chloride	2.85	84	65300	32.174	ug/l	97
31) Cyclohexane	5.57	56	11566	4.613	ug/l	90
39) Methylcyclohexane	7.46	83	24461	8.327	ug/l	98
40) Benzene	6.14	78	74490	10.073	ug/l	99
52) Toluene	8.78	92	72885	14.907	ug/l	100
67) Ethyl Benzene	10.25	91	19328	2.086	ug/l	95
68) m/p-Xylenes	10.35	106	44151	12.321	ug/l	99
69) o-Xylene	10.69	106	15793	4.486	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	22741	2.966	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	46858	6.137	ug/l	98
95) Naphthalene	13.83	128	21908	2.505	ug/l	97

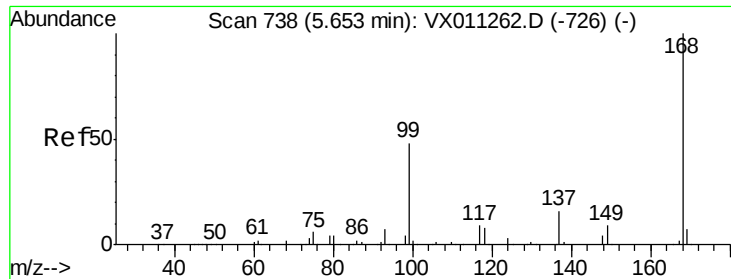
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

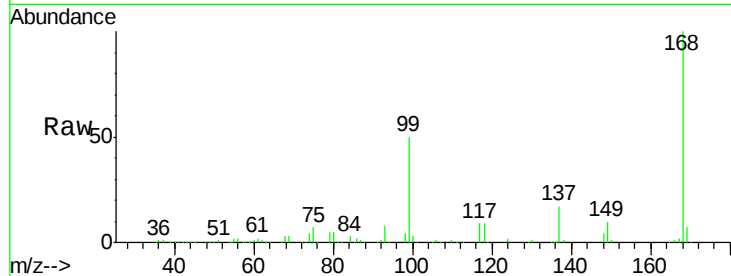
30320

Tot Ion:168 Resp: 193333

Ion Ratio Lower Upper

168 100

99 50.1 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

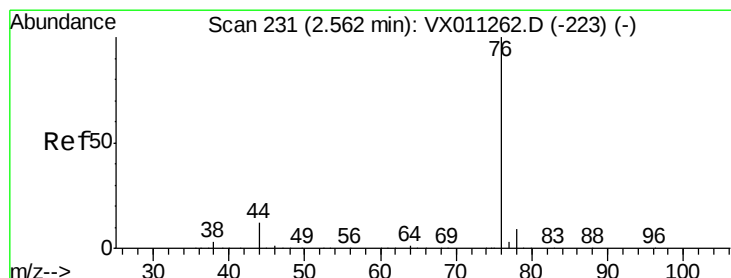
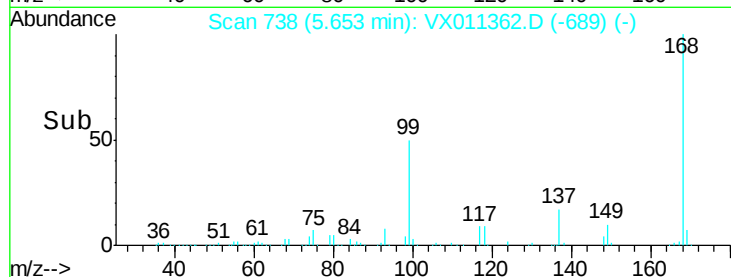
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 1.524 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011362.D

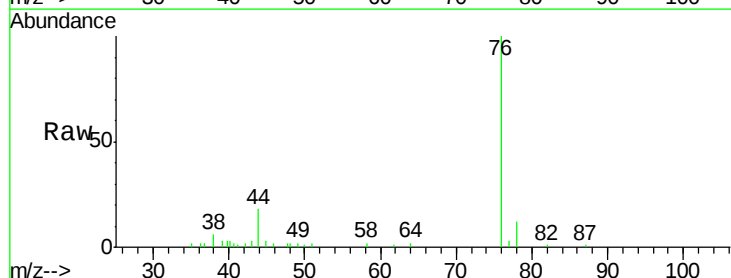
Acq: 07 Aug 2019 14:44

Tgt Ion: 76 Resp: 6290

Ion Ratio Lower Upper

76 100

78 11.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

4000

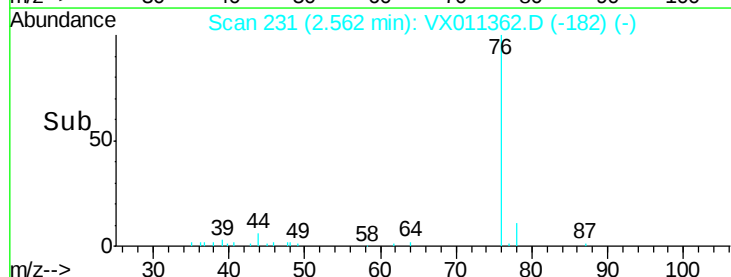
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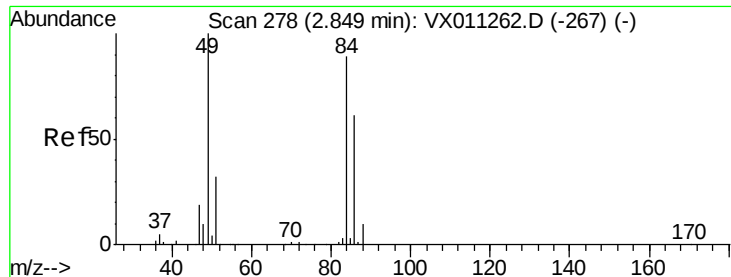
2000

1000

0

Time--> 2.50 2.55 2.60 2.65

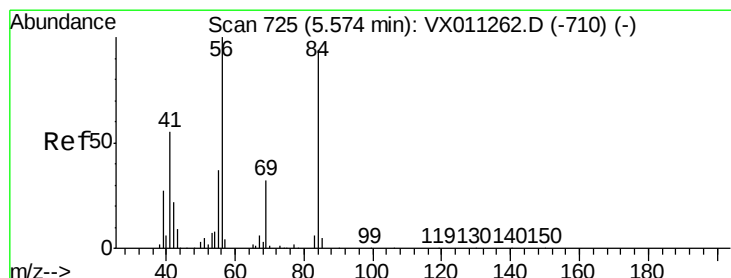
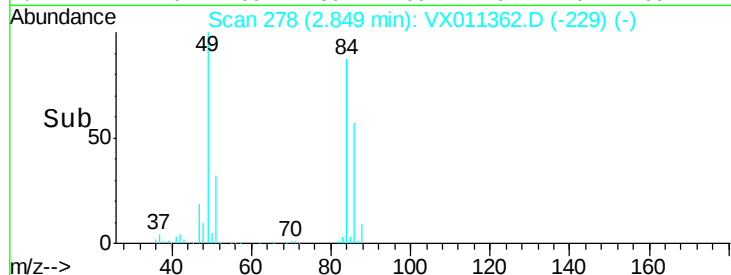
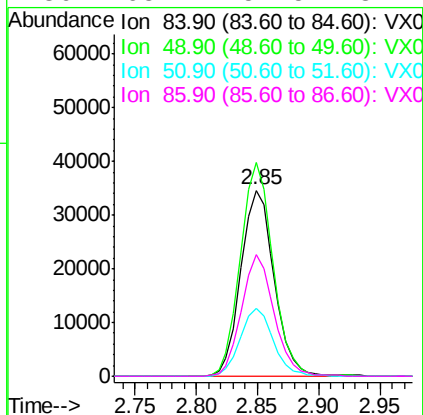
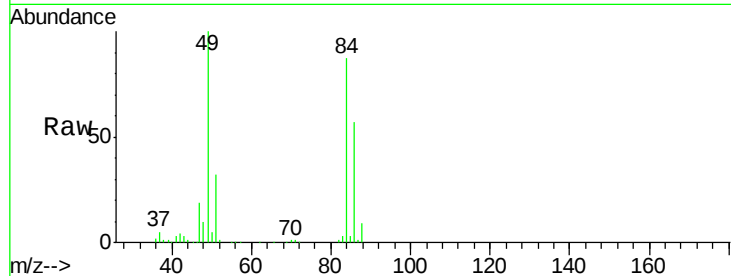




#20
Methvlene Chloride
Concen: 32.174 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

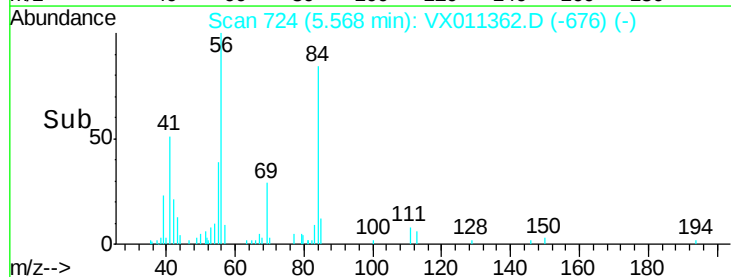
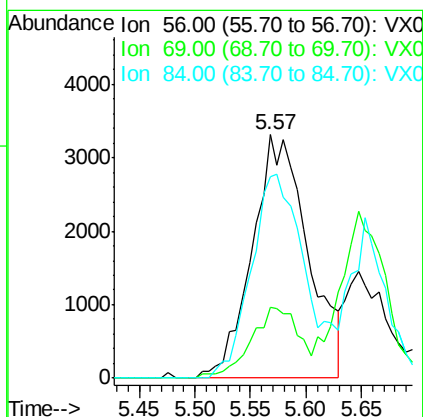
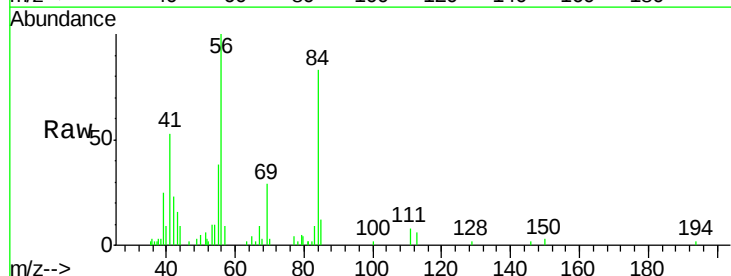
Instrument :
MSVOA_X
ClientSampled :
30320

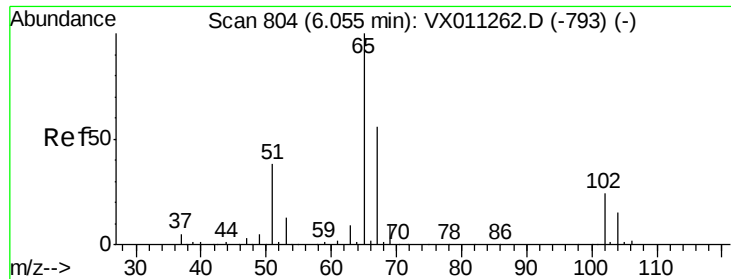
Tot Ion:	84	Resp:	65300
Ion	Ratio	Lower	Upper
84	100		
49	114.3	89.3	133.9
51	36.3	28.3	42.5
86	65.1	54.5	81.7



#31
Cyclohexane
Concen: 4.613 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion:	56	Resp:	11566
Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.5	38.3
84	82.9	75.0	112.4

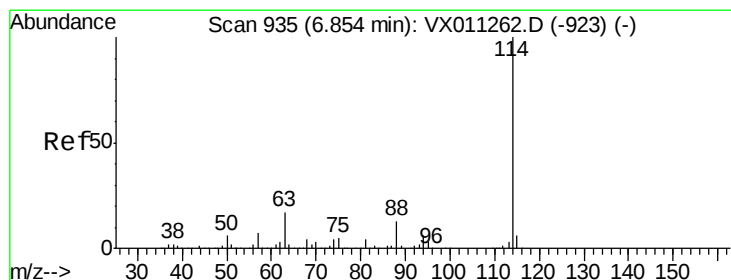
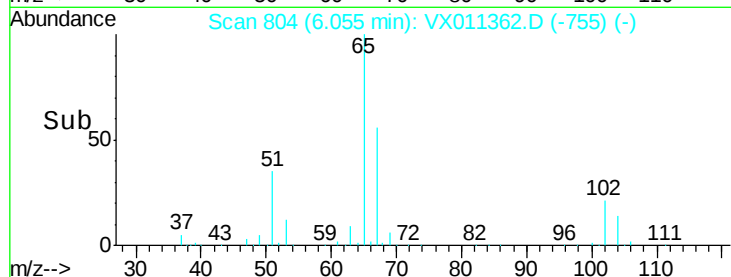
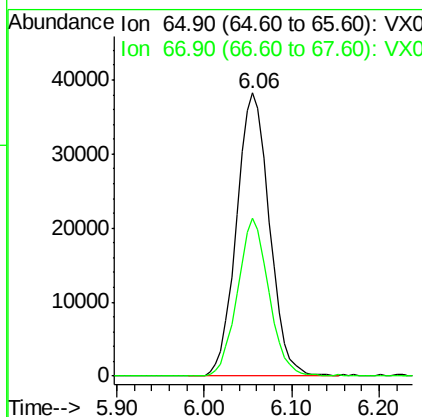
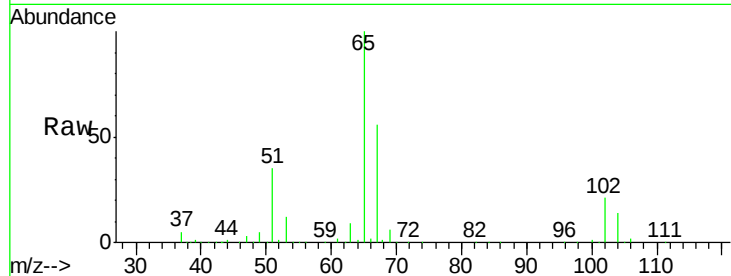




#33
 1,2-Dichloroethane-d4
 Concen: 51.402 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

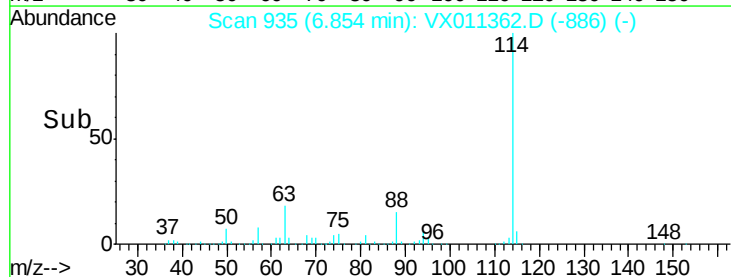
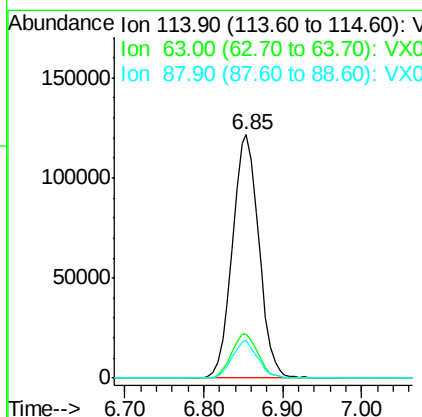
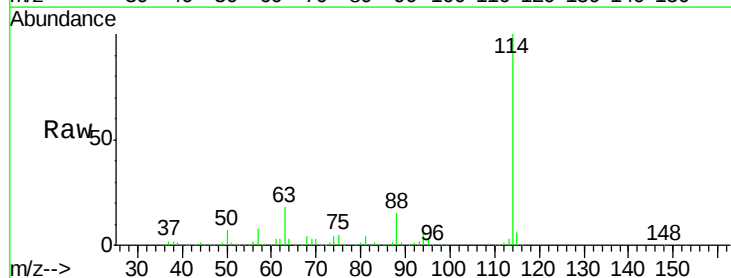
Instrument :
 MSVOA_X
 ClientSampleId :
 30320

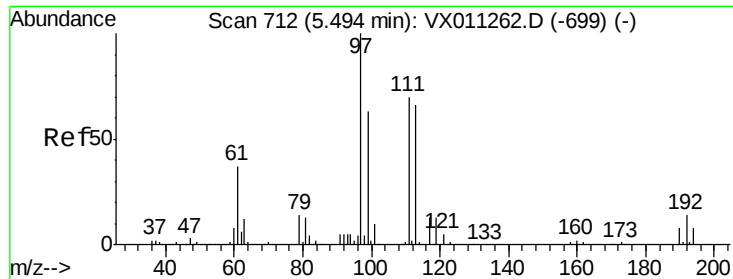
Tot Ion: 65 Resp: 100078
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion: 114 Resp: 283842
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 15.3 0.0 26.4

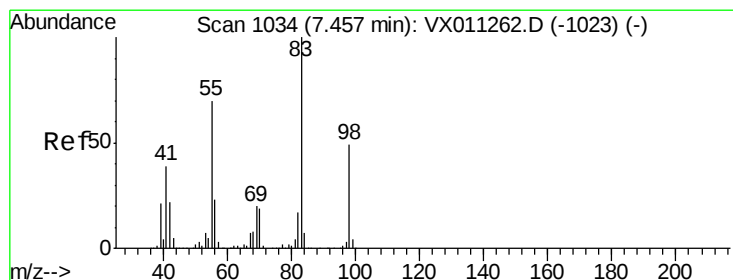
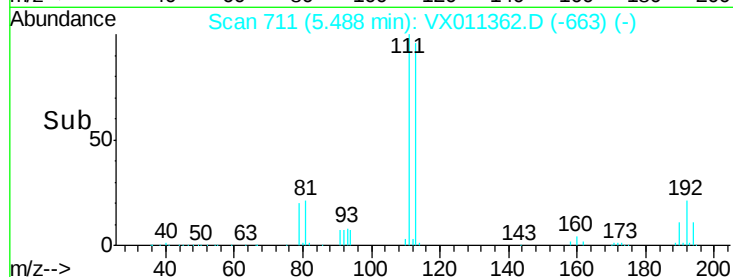
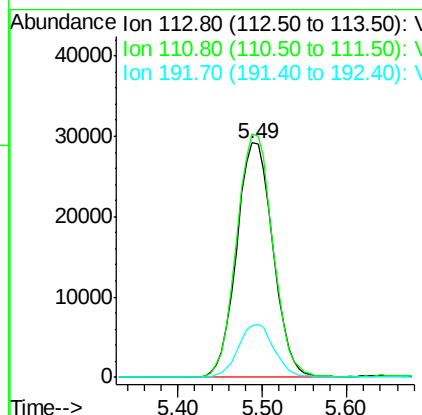
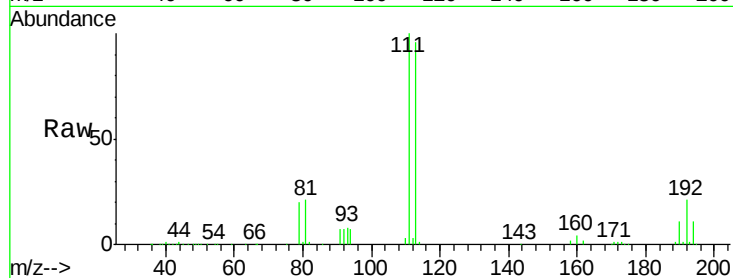




#35
 Dibromofluoromethane
 Concen: 46.052 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

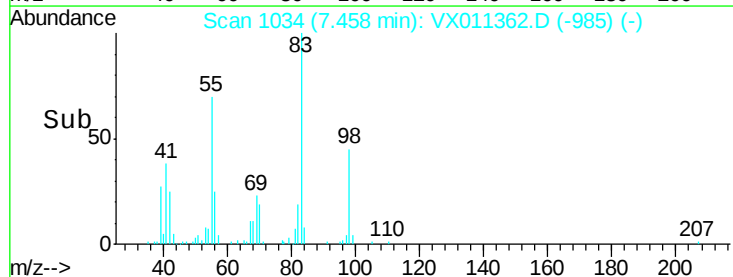
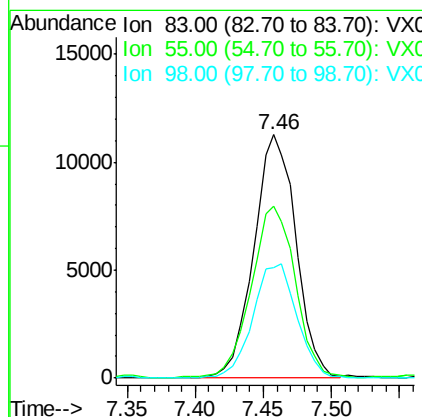
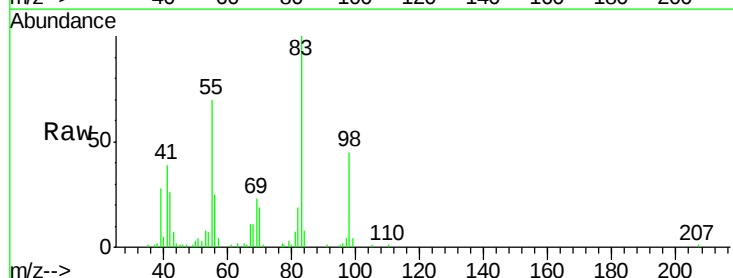
Instrument :
 MSVOA_X
 ClientSampleId :
 30320

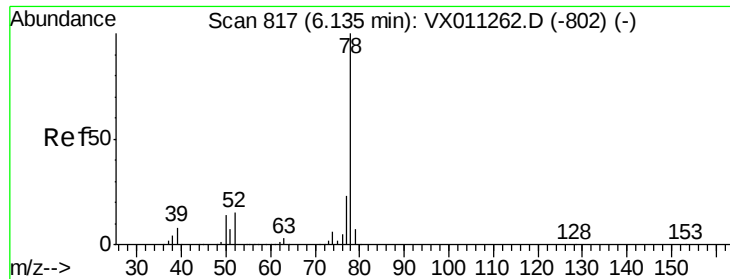
Tot Ion:113 Resp: 85341
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 22.2 17.8 26.8



#39
 Methylcyclohexane
 Concen: 8.327 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion: 83 Resp: 24461
 Ion Ratio Lower Upper
 83 100
 55 69.8 56.1 84.1
 98 45.2 39.0 58.4





#40

Benzene

Concen: 10.073 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

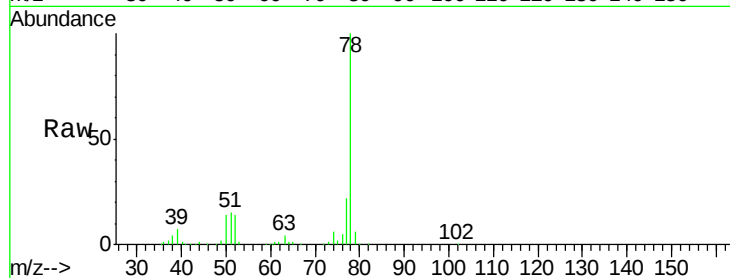
30320

Tot Ion: 78 Resp: 74490

Ion Ratio Lower Upper

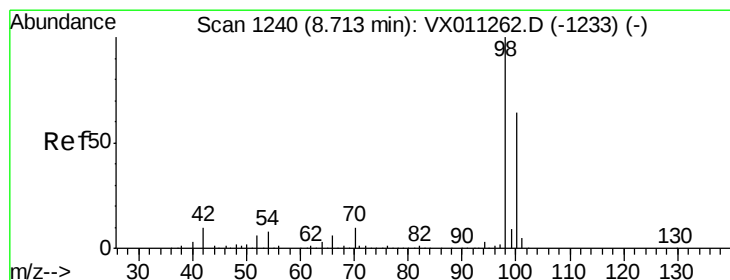
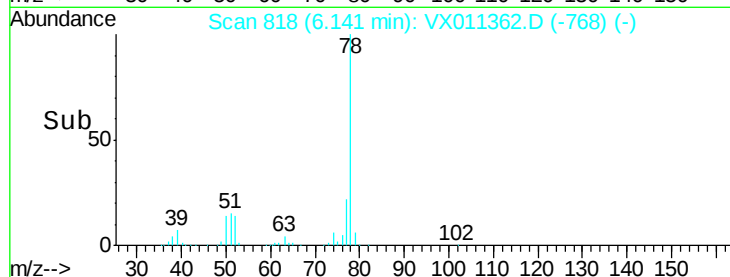
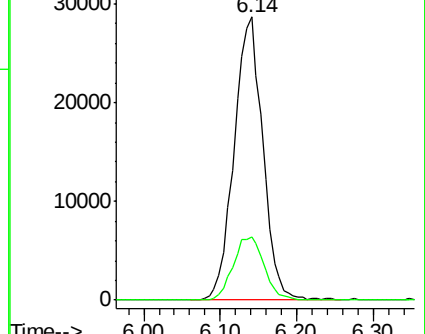
78 100

77 22.3 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011362.D

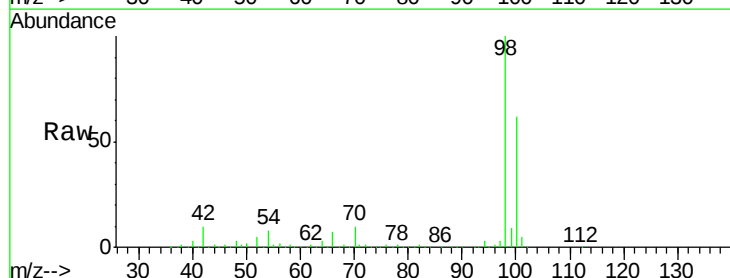
Acq: 07 Aug 2019 14:44

Tgt Ion: 98 Resp: 335318

Ion Ratio Lower Upper

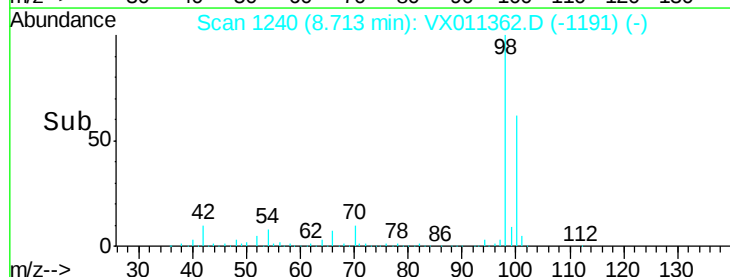
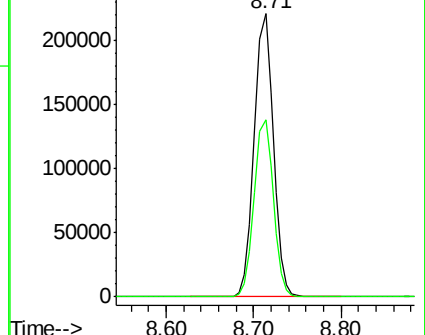
98 100

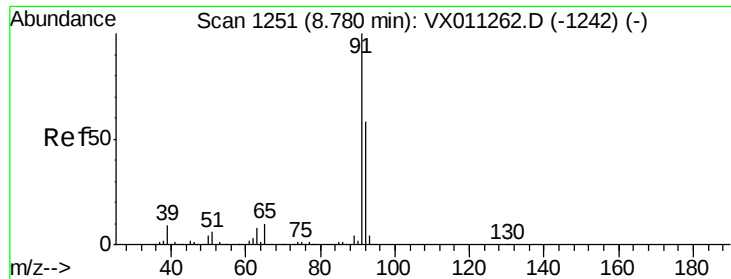
100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 14.907 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

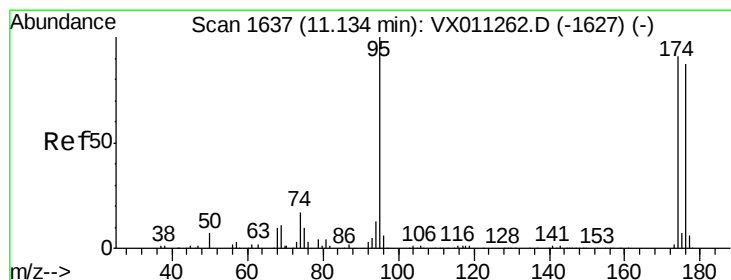
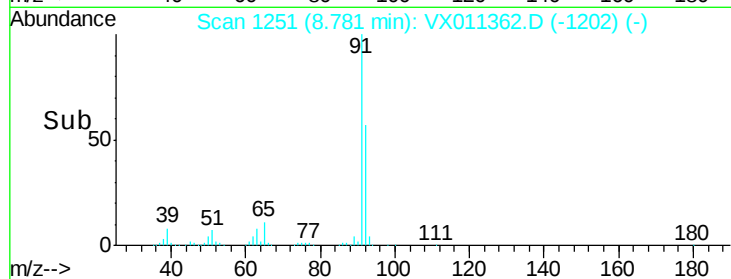
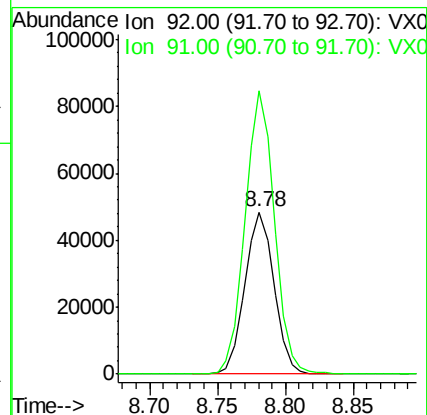
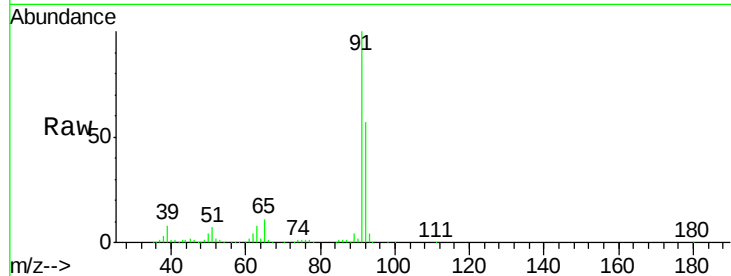
30320

Tot Ion: 92 Resp: 72885

Ion Ratio Lower Upper

92 100

91 174.7 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 46.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

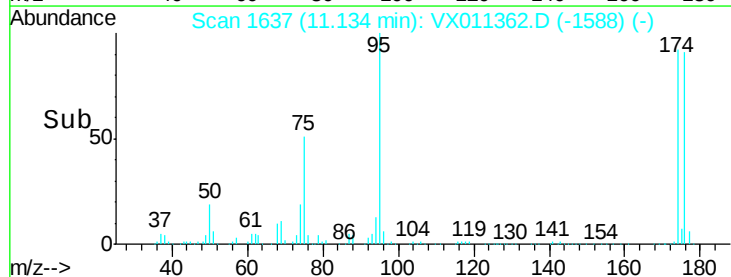
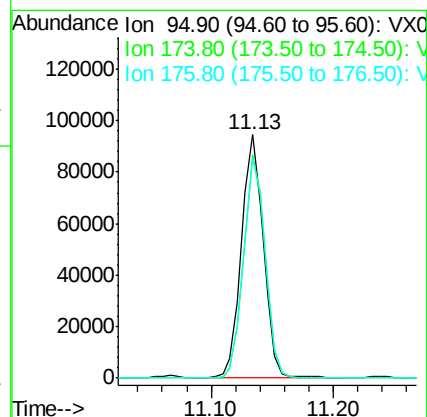
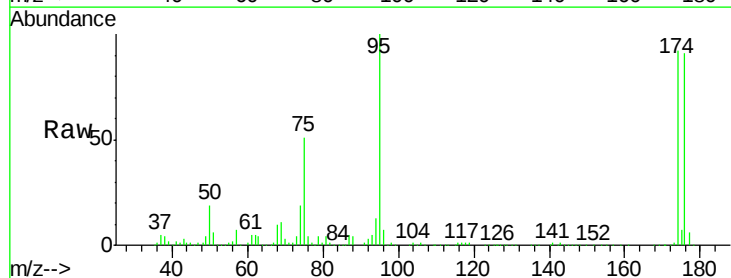
Tgt Ion: 95 Resp: 116229

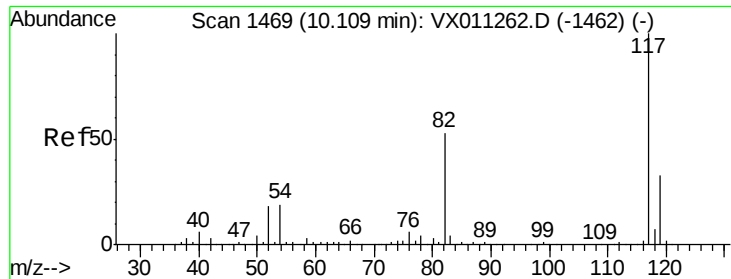
Ion Ratio Lower Upper

95 100

174 89.8 0.0 191.2

176 90.1 0.0 184.8

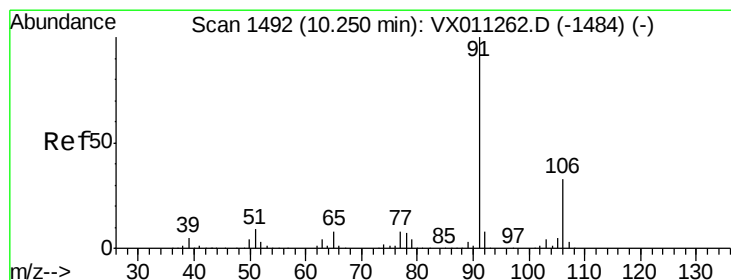
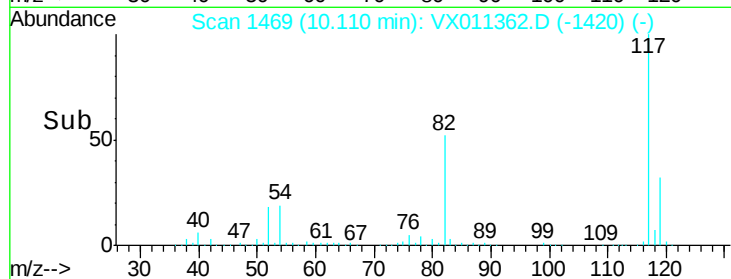
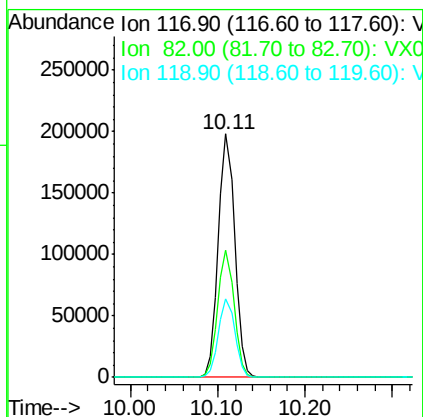
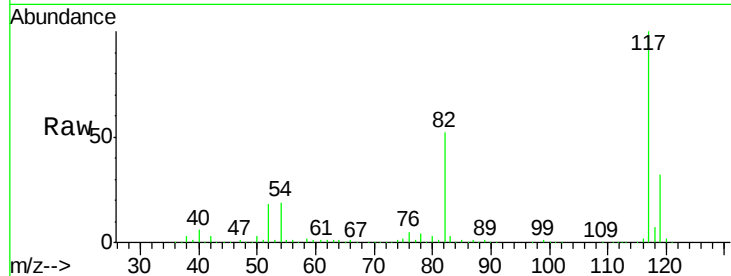




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

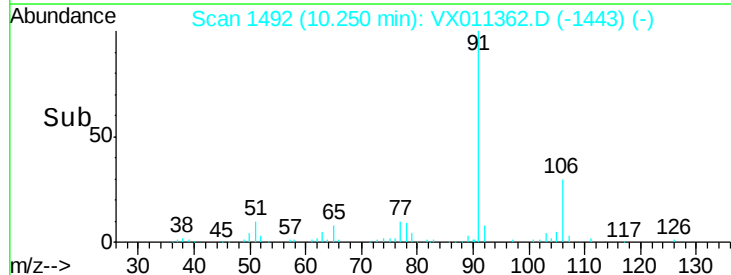
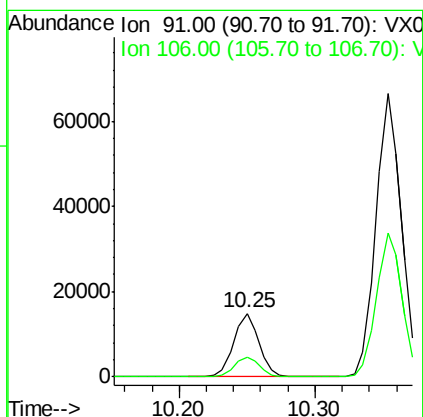
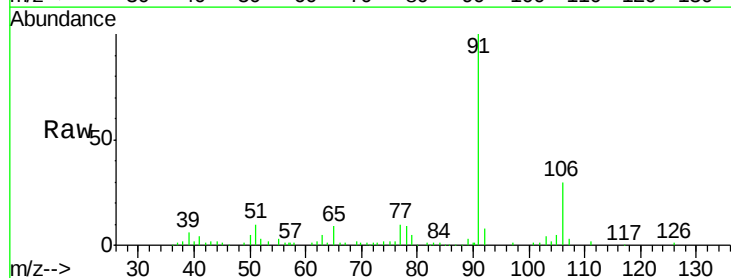
Instrument :
MSVOA_X
ClientSampleId :
30320

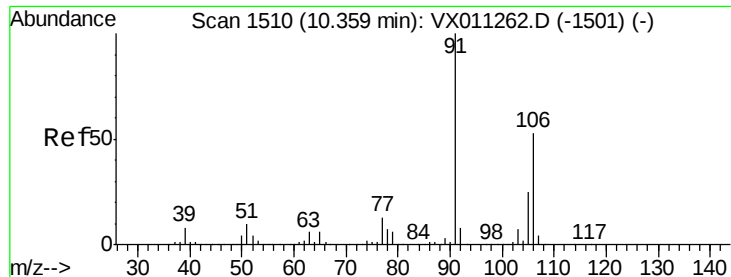
Tot Ion:117 Resp: 257996
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.4 26.6 39.8



#67
Ethyl Benzene
Concen: 2.086 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion: 91 Resp: 19328
Ion Ratio Lower Upper
91 100
106 30.1 26.2 39.4

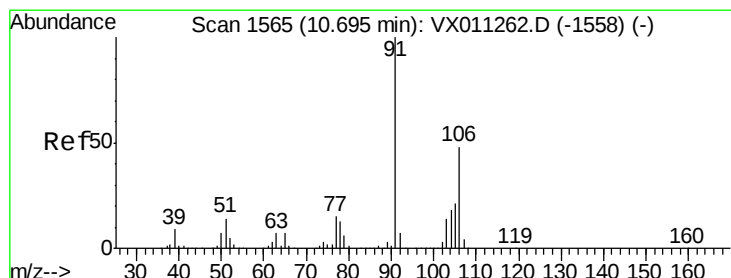
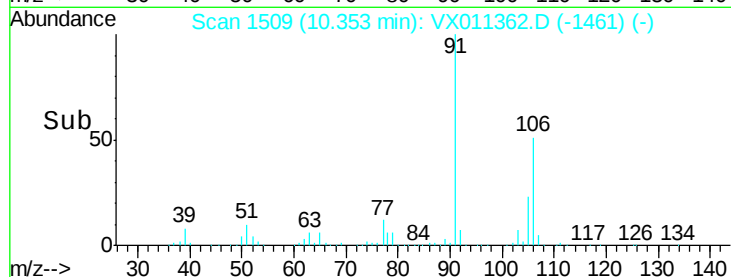
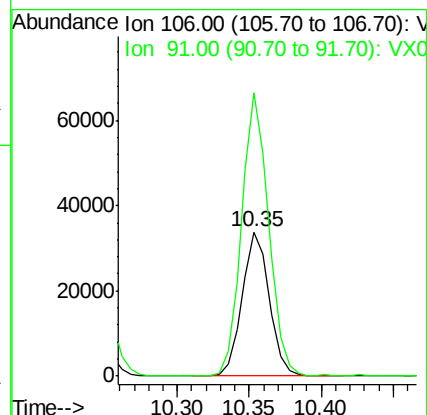
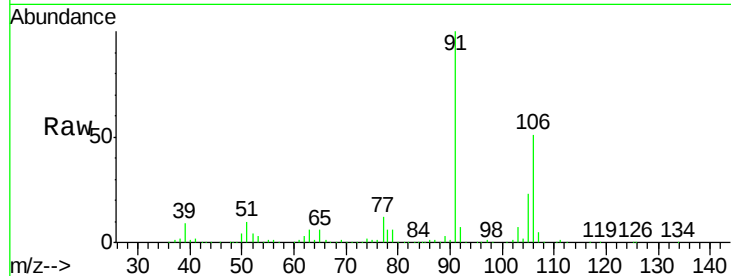




#68
m/p-Xvlenes
Concen: 12.321 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

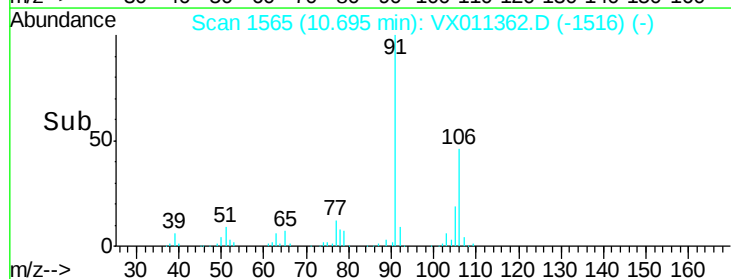
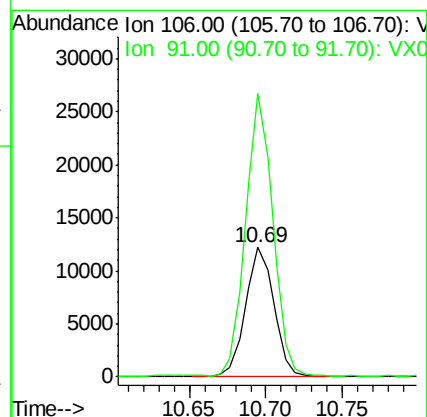
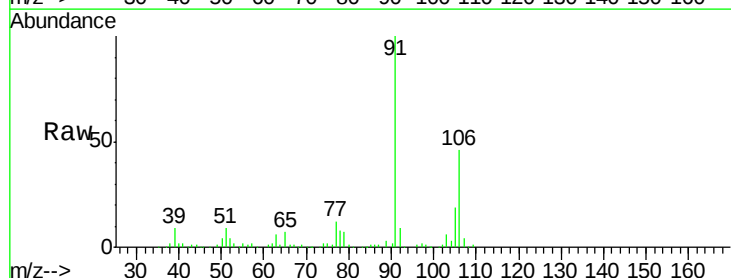
Instrument :
MSVOA_X
ClientSampled :
30320

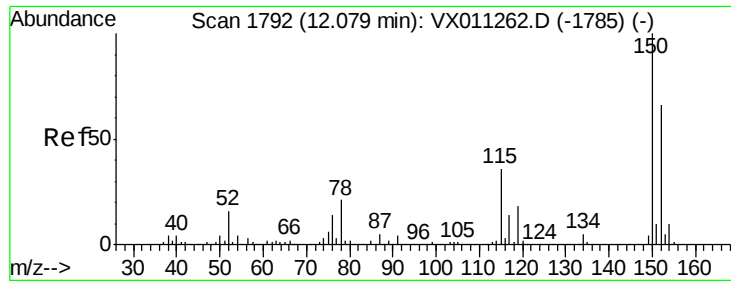
Tot Ion:106 Resp: 44151
Ion Ratio Lower Upper
106 100
91 196.1 155.9 233.9



#69
o-Xylene
Concen: 4.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion:106 Resp: 15793
Ion Ratio Lower Upper
106 100
91 213.0 103.8 311.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

30320

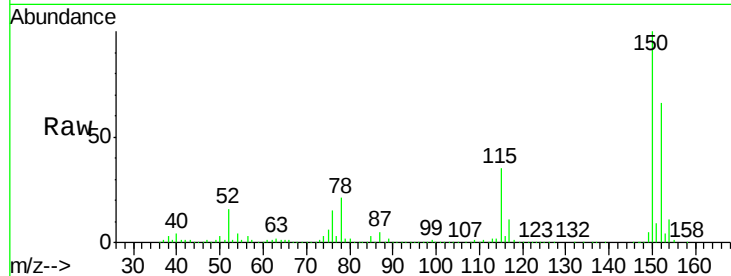
Tot Ion:152 Resp: 133943

Ion Ratio Lower Upper

152 100

115 54.9 40.0 119.9

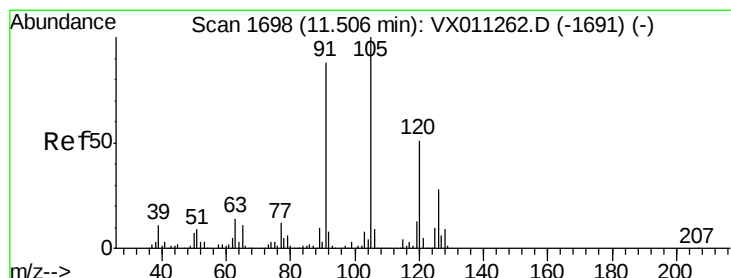
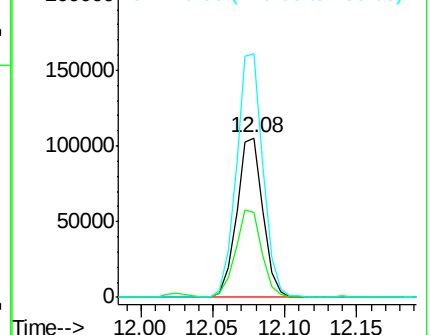
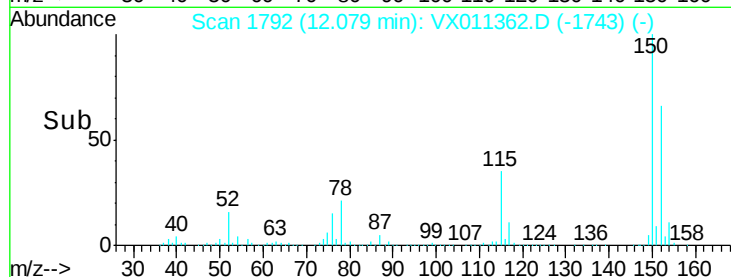
150 155.6 0.0 350.4



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



#80

1,3,5-Trimethylbenzene

Concen: 2.966 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011362.D

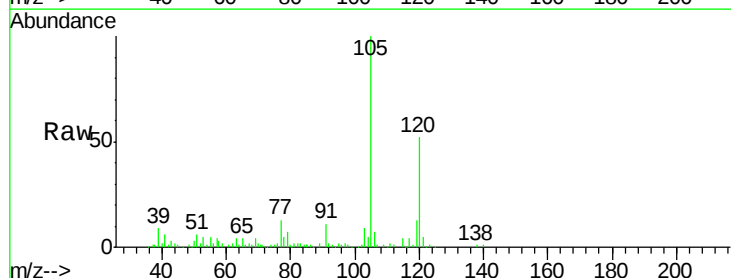
Acq: 07 Aug 2019 14:44

Tgt Ion:105 Resp: 22741

Ion Ratio Lower Upper

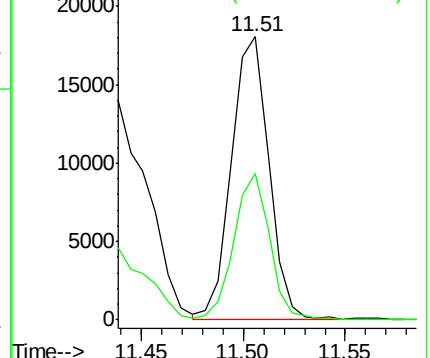
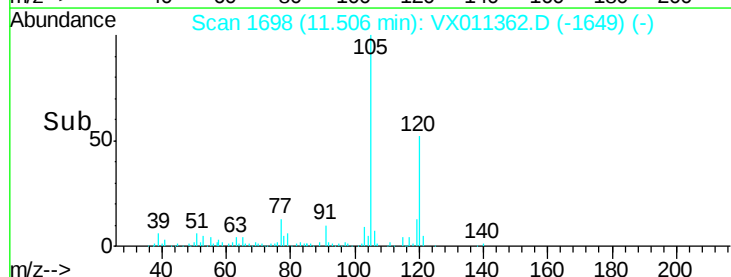
105 100

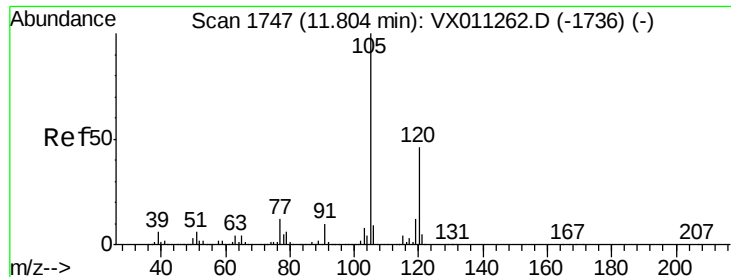
120 49.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.137 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

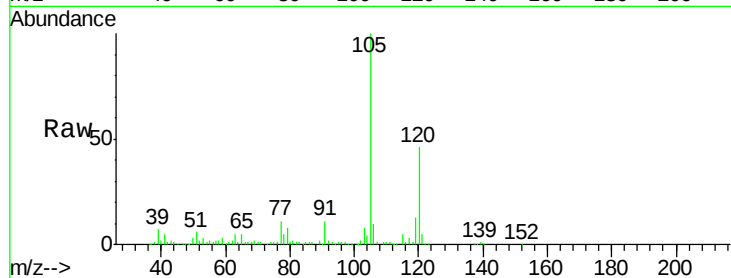
30320

Tot Ion:105 Resp: 46858

Ion Ratio Lower Upper

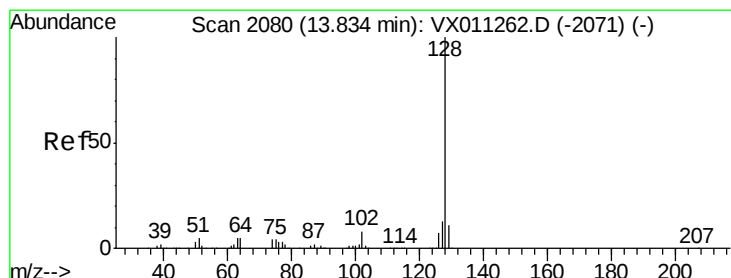
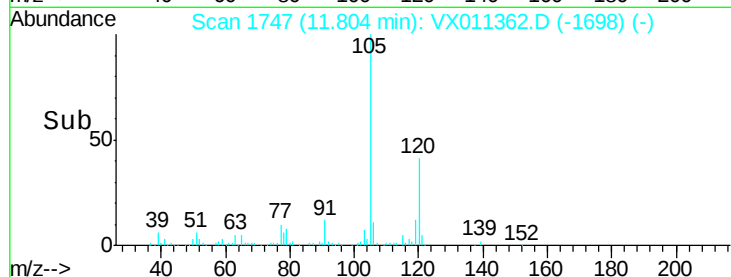
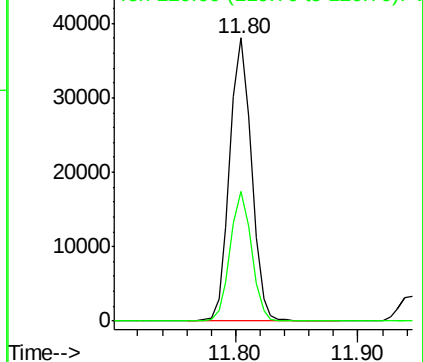
105 100

120 44.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.505 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

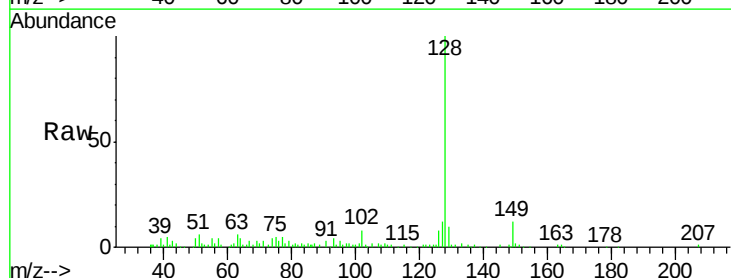
Tgt Ion:128 Resp: 21908

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.6 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

