

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008717.D
 Acq On : 06 Apr 2019 13:55
 Operator : JC/SP
 Sample : K2296-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700DL

Quant Time: Apr 08 03:39:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122690	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	142644	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.49	113	103871	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	427328	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	142121	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

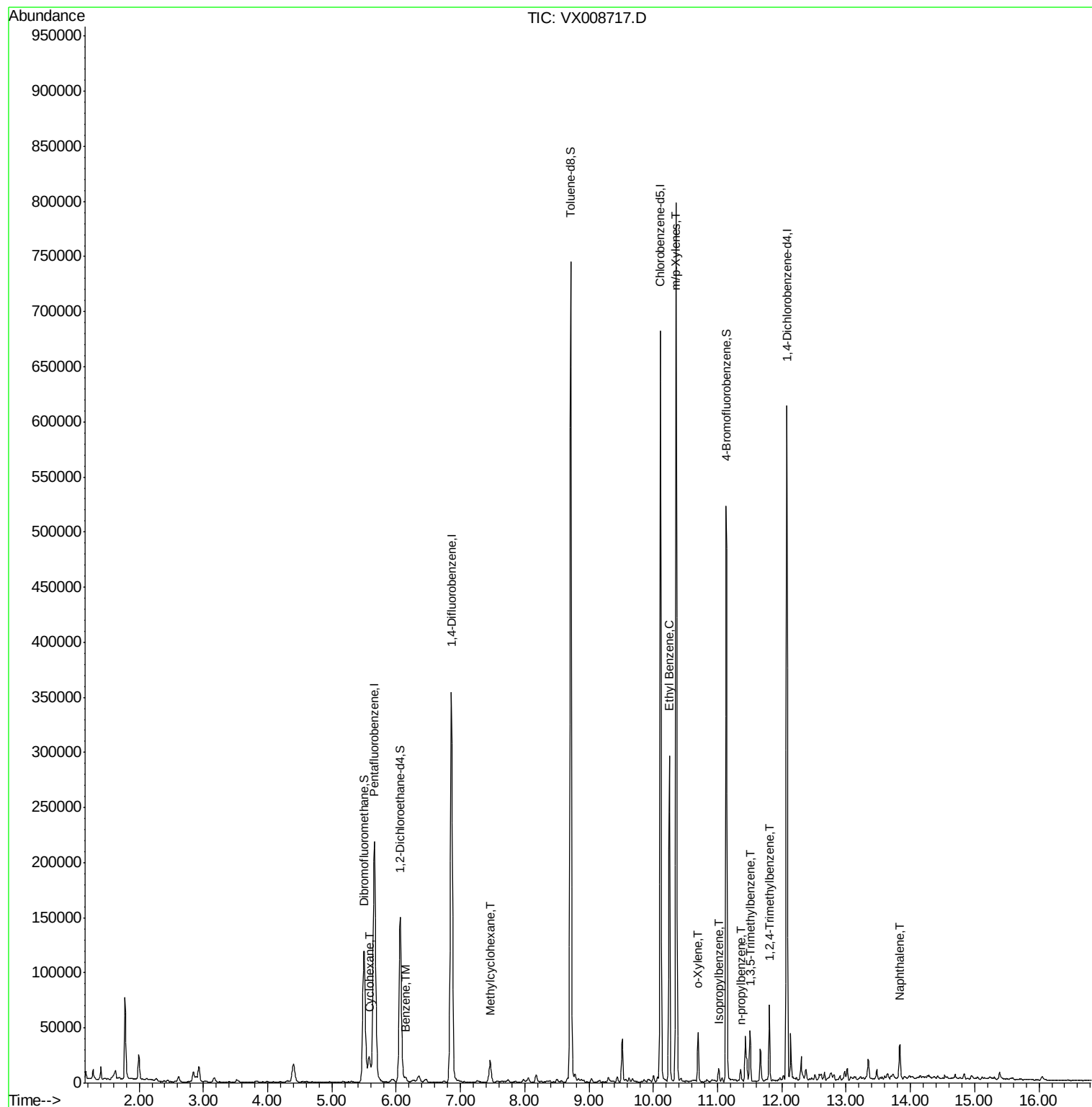
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	16920	3.205	ug/l	95
39) Methylcyclohexane	7.46	83	7825	1.683	ug/l	93
40) Benzene	6.15	78	4047	0.361	ug/l	94
67) Ethyl Benzene	10.25	91	165182	13.505	ug/l	99
68) m/p-Xylenes	10.35	106	176578	40.151	ug/l	99
69) o-Xylene	10.69	106	9364	2.197	ug/l	98
73) Isopropylbenzene	11.02	105	5566	0.547	ug/l	98
78) n-propylbenzene	11.36	91	4785	0.404	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	19053	2.232	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	28365	3.282	ug/l	100
95) Naphthalene	13.83	128	18440	1.826	ug/l	99

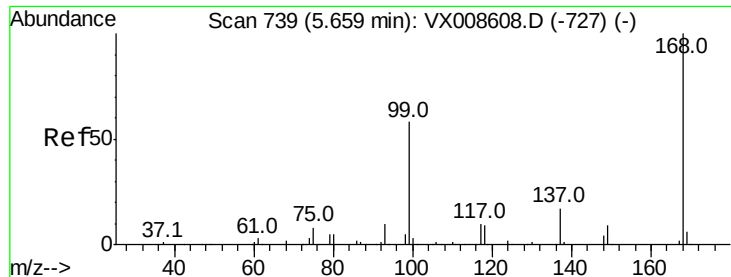
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040619\
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Quant Time: Apr 08 03:39:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

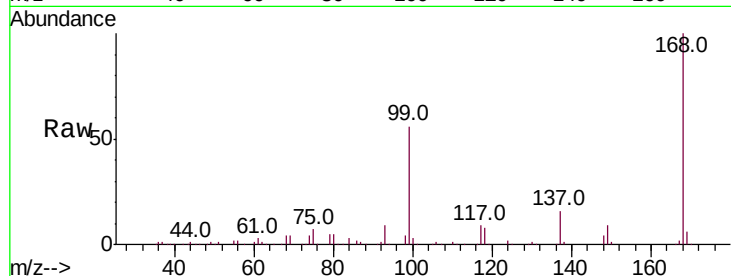
S8-0700DL

Tot Ion:168 Resp: 209484

Ion Ratio Lower Upper

168 100

99 56.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

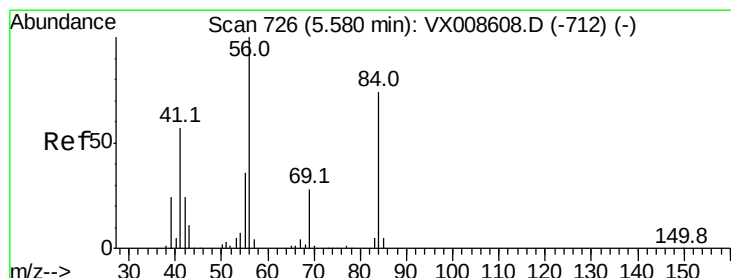
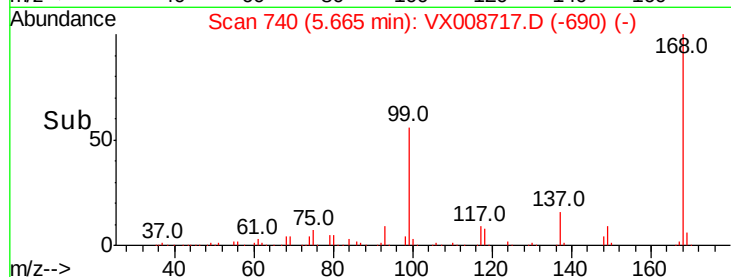
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 3.205 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

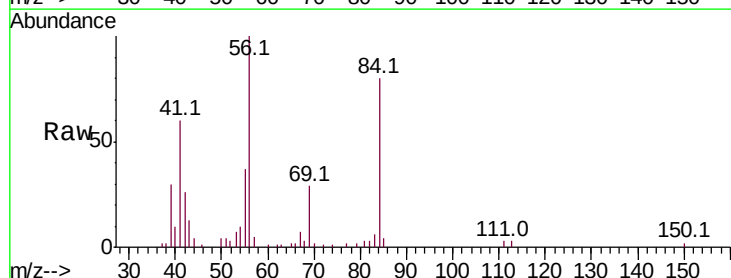
Tgt Ion: 56 Resp: 16920

Ion Ratio Lower Upper

56 100

69 29.4 22.6 33.8

84 79.6 59.3 88.9



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

5.58

6000

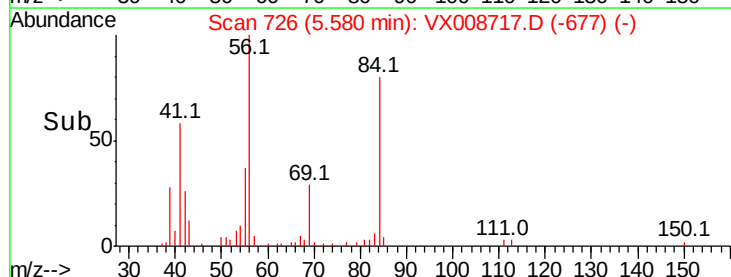
4000

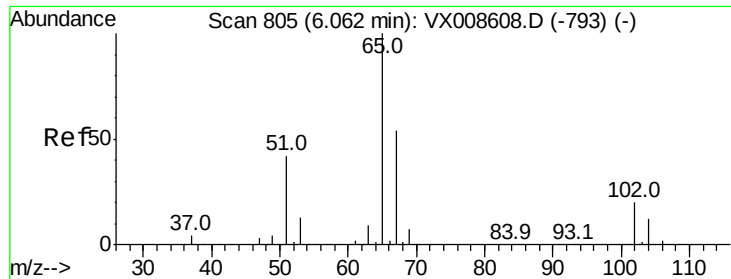
2000

0

Time-->

5.50 5.60

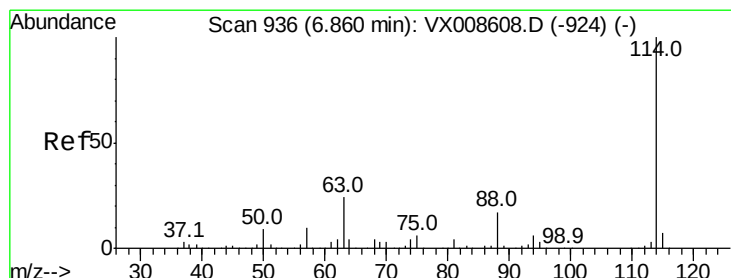
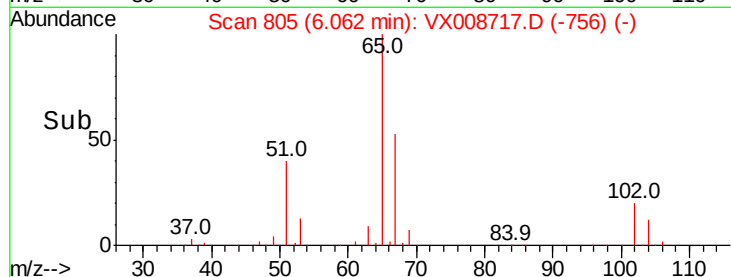
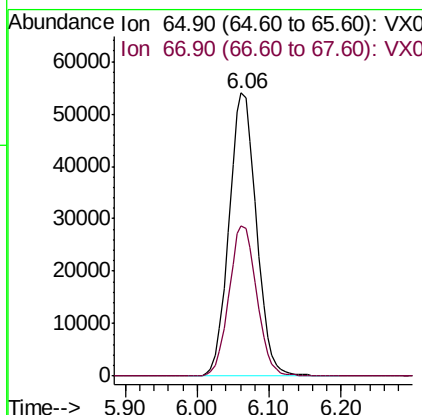
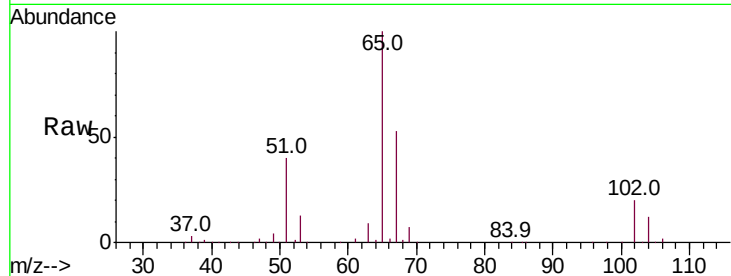




#33
 1,2-Dichloroethane-d4
 Concen: 46.685 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008717.D
 Acq: 06 Apr 2019 13:55

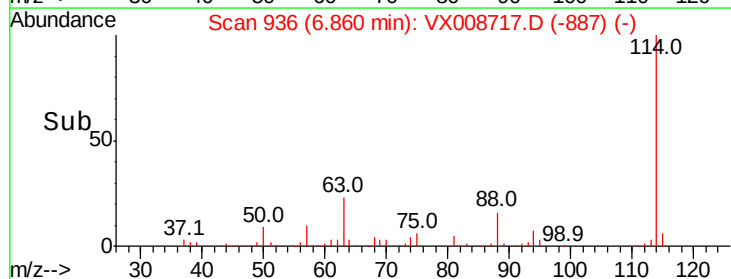
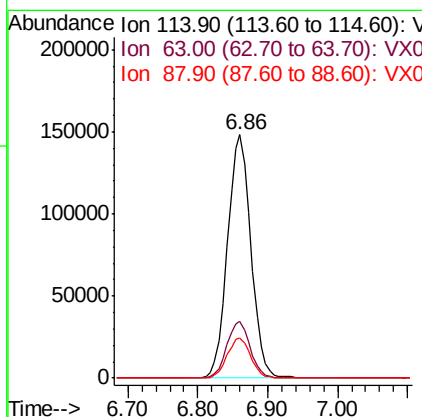
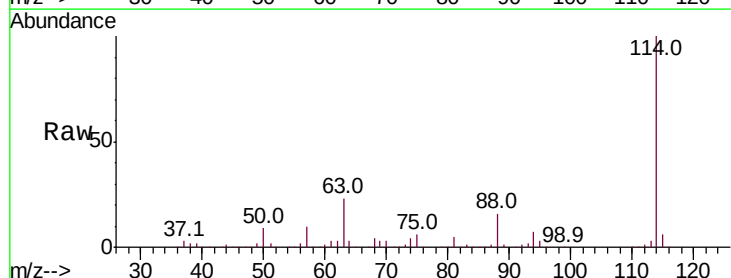
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0700DL

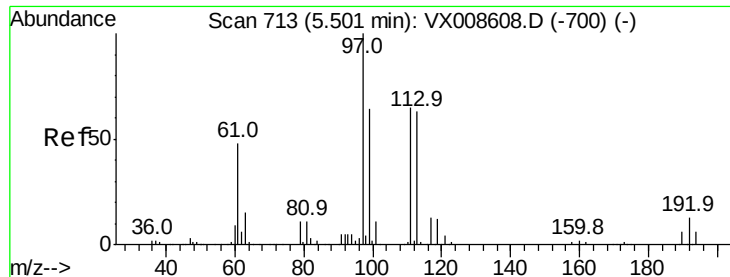
Tot Ion: 65 Resp: 142644
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008717.D
 Acq: 06 Apr 2019 13:55

Tgt Ion: 114 Resp: 344356
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.178 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0700DL

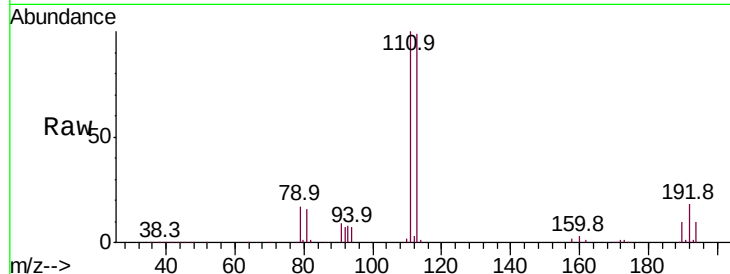
Tot Ion:113 Resp: 103871

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

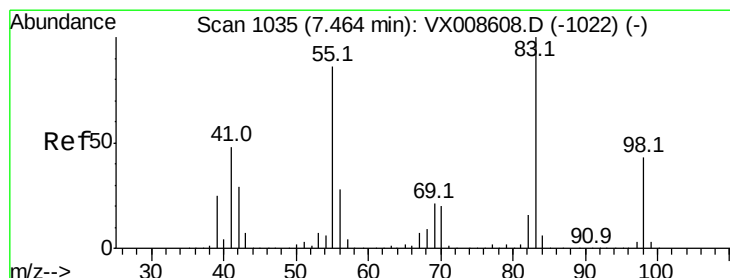
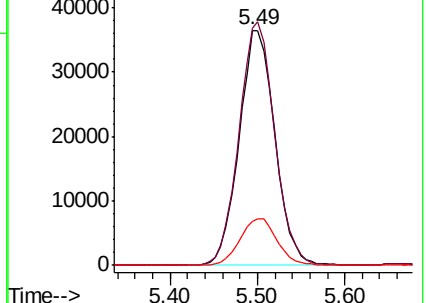
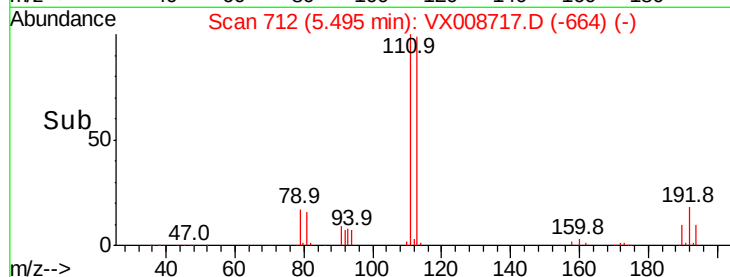
192 20.5 16.1 24.1



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: 1.683 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

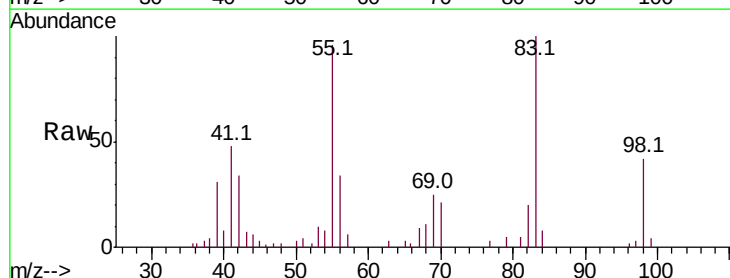
Tgt Ion: 83 Resp: 7825

Ion Ratio Lower Upper

83 100

55 95.6 69.0 103.6

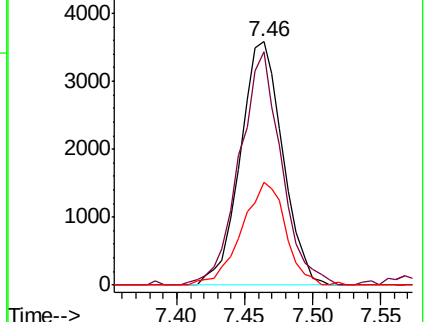
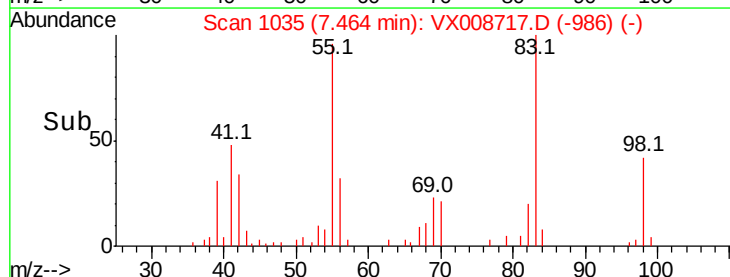
98 42.3 34.4 51.6

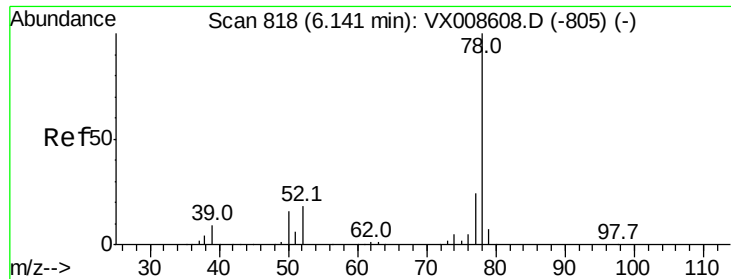


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.361 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

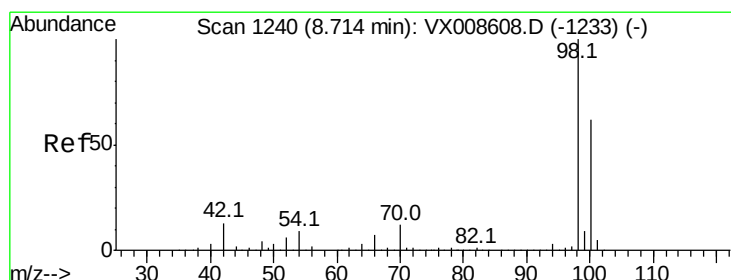
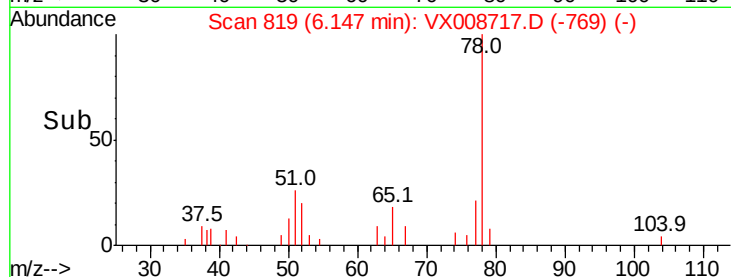
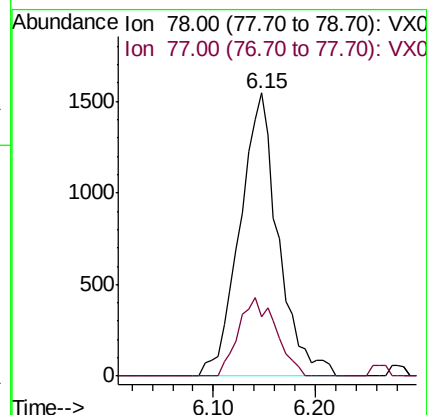
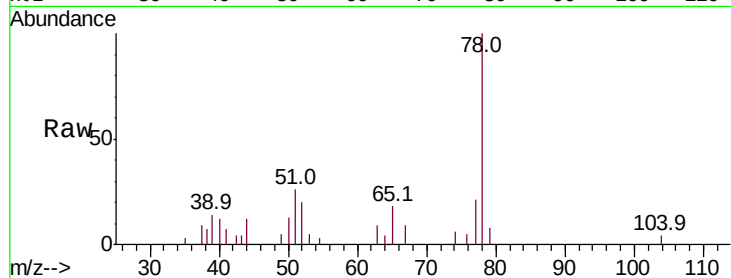
S8-0700DL

Tot Ion: 78 Resp: 4047

Ion Ratio Lower Upper

78 100

77 21.0 19.1 28.7



#50

Toluene-d8

Concen: 48.746 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008717.D

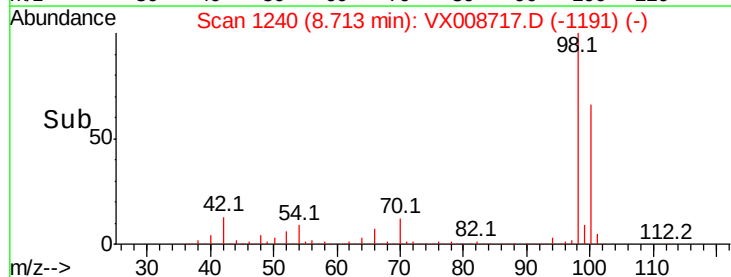
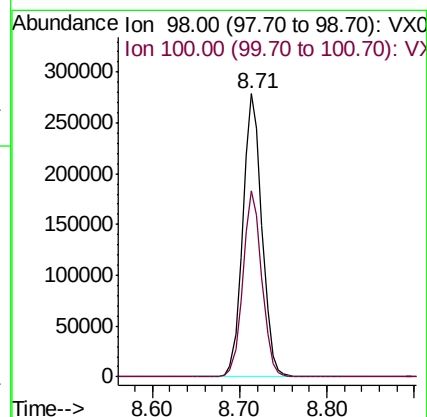
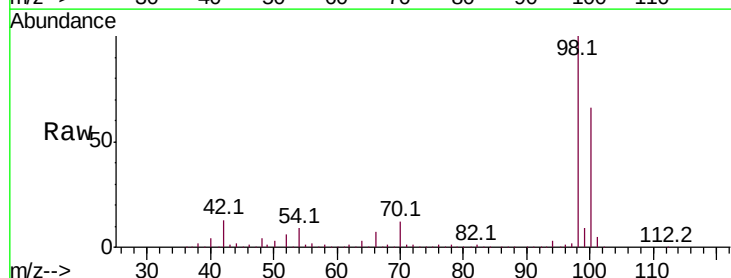
Acq: 06 Apr 2019 13:55

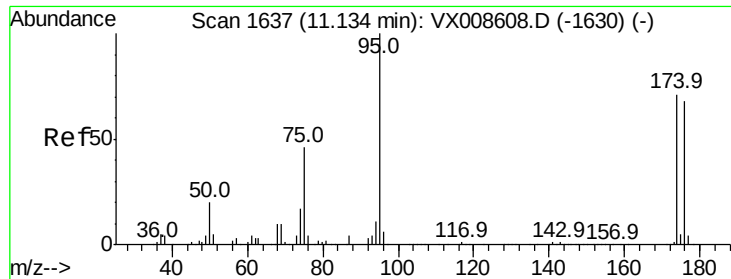
Tgt Ion: 98 Resp: 427328

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.717 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0700DL

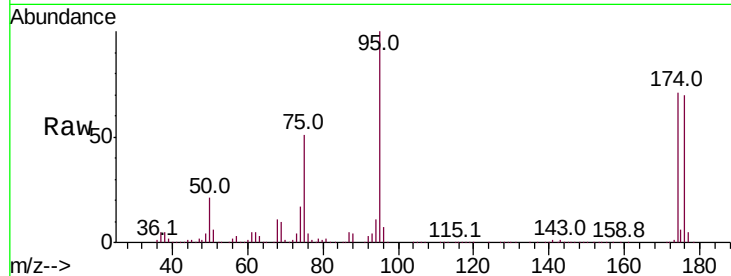
Tot Ion: 95 Resp: 142121

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

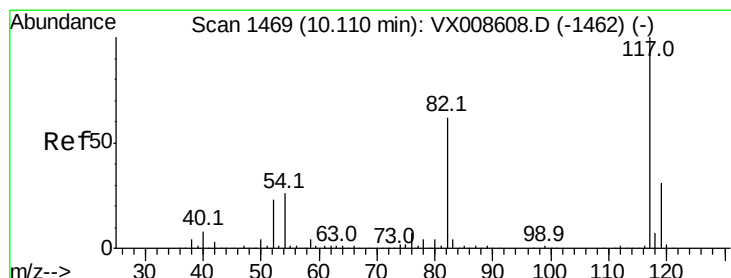
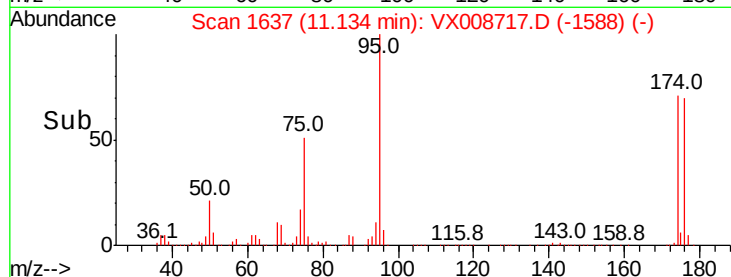
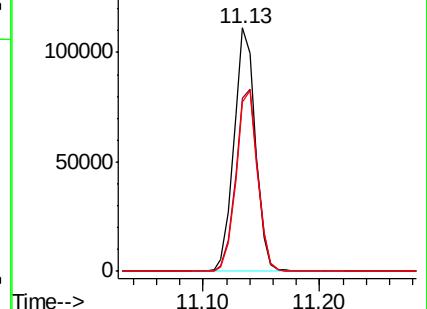
176 74.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

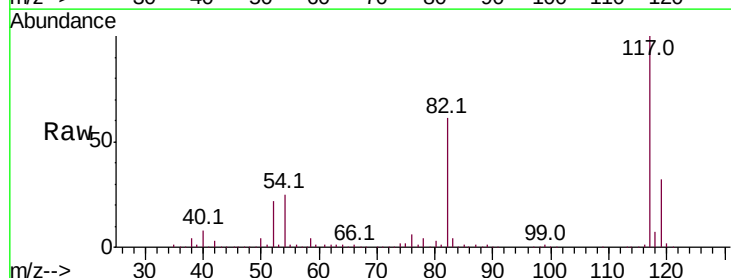
Tgt Ion: 117 Resp: 295916

Ion Ratio Lower Upper

117 100

82 61.2 49.6 74.4

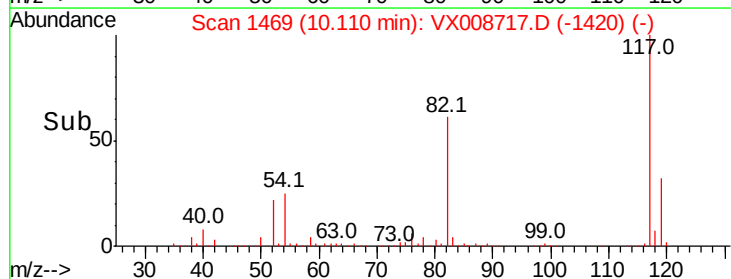
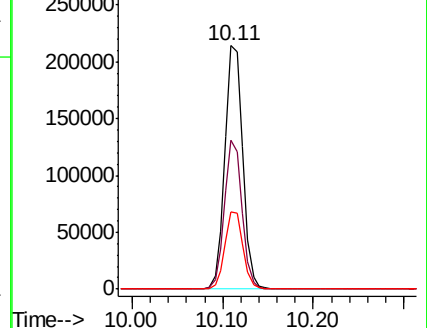
119 31.9 25.0 37.4

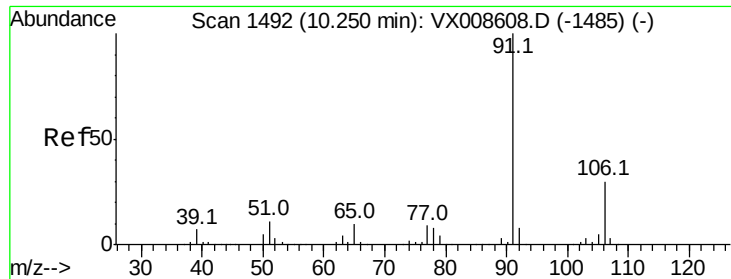


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)





#67

Ethyl Benzene

Concen: 13.505 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleID :

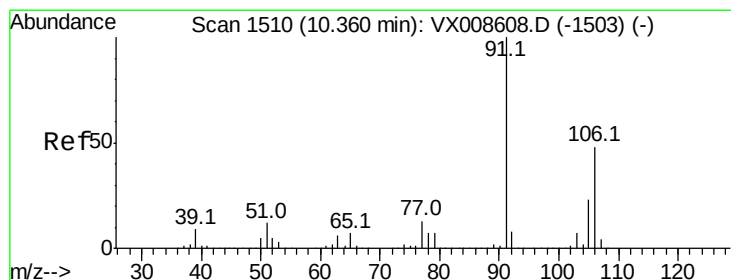
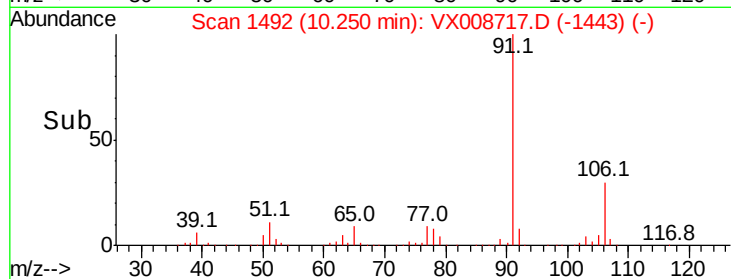
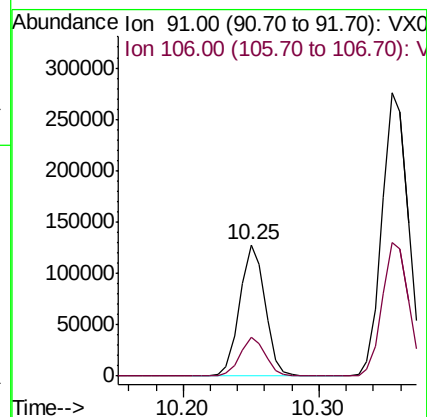
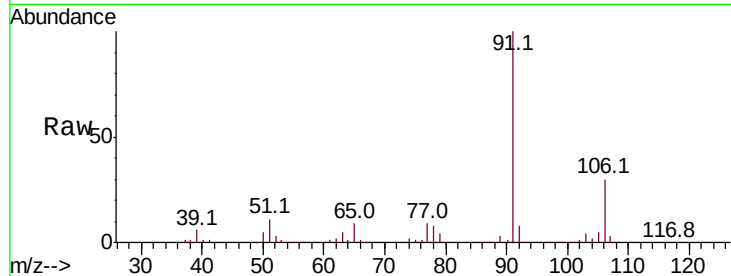
S8-0700DL

Tot Ion: 91 Resp: 165182

Ion Ratio Lower Upper

91 100

106 30.1 23.7 35.5



#68

m/p-Xylenes

Concen: 40.151 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008717.D

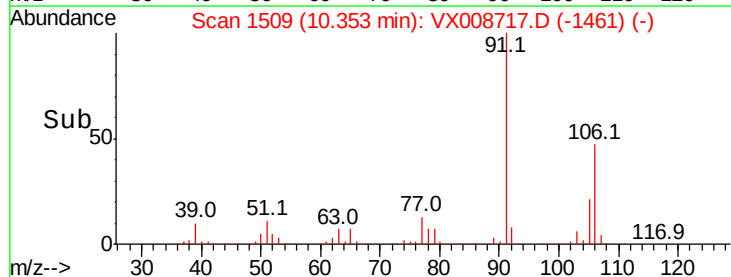
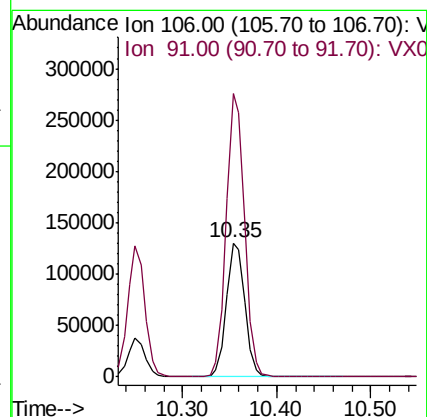
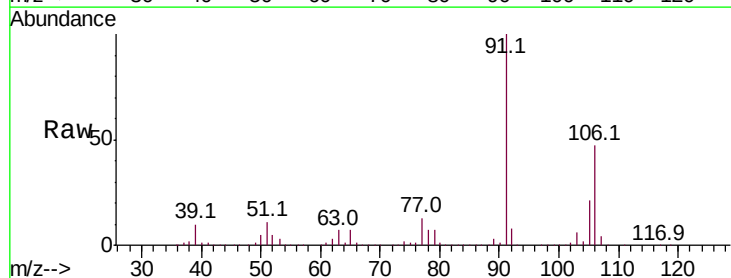
Acq: 06 Apr 2019 13:55

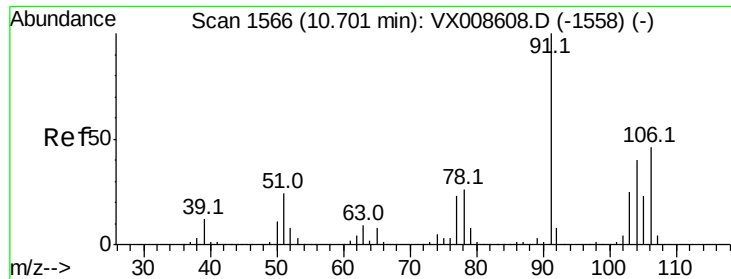
Tgt Ion: 106 Resp: 176578

Ion Ratio Lower Upper

106 100

91 209.7 168.5 252.7

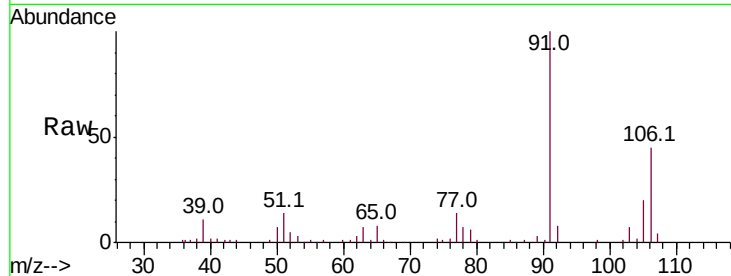




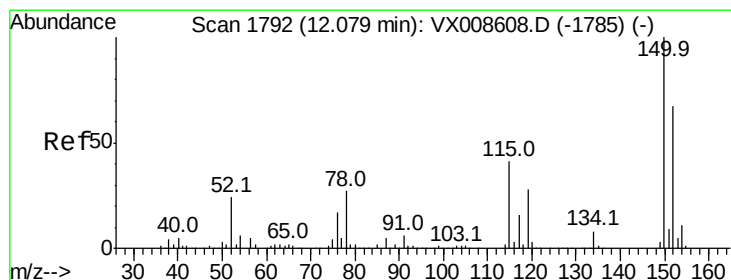
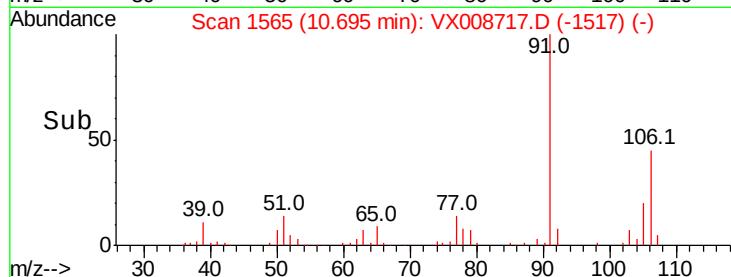
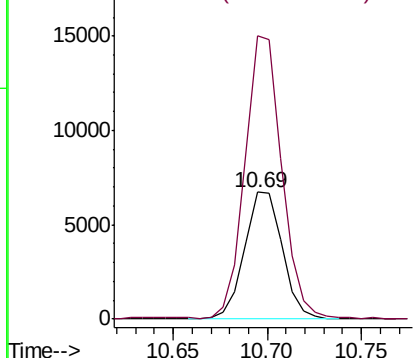
#69
o-Xylene
Concen: 2.197 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008717.D
Acq: 06 Apr 2019 13:55

Instrument :
MSVOA_X
ClientSampleID :
S8-0700DL

Tot Ion:106 Resp: 9364
Ion Ratio Lower Upper
106 100
91 219.1 111.5 334.4

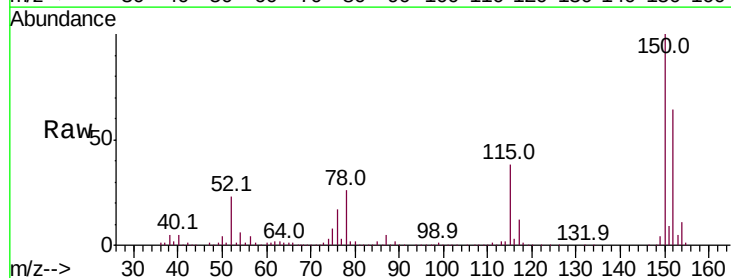


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

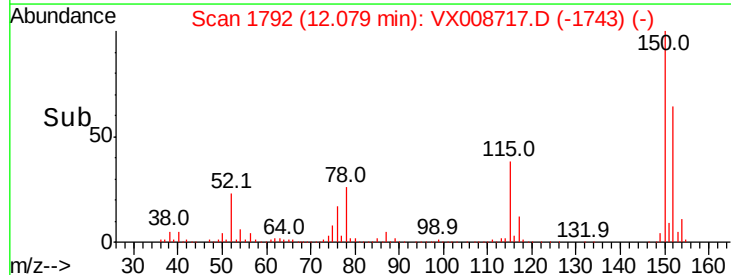
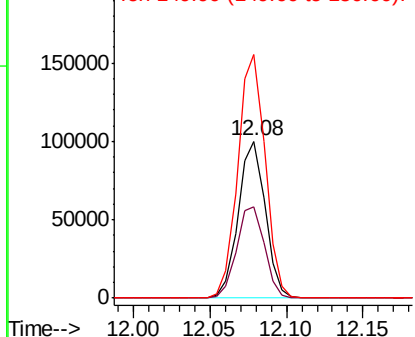


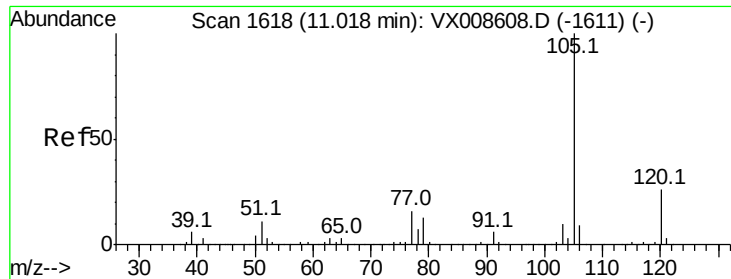
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008717.D
Acq: 06 Apr 2019 13:55

Tgt Ion:152 Resp: 122690
Ion Ratio Lower Upper
152 100
115 60.2 43.5 130.5
150 156.9 0.0 348.8



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: 0.547 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008717.D

Acq: 06 Apr 2019 13:55

Instrument :

MSVOA_X

ClientSampleID :

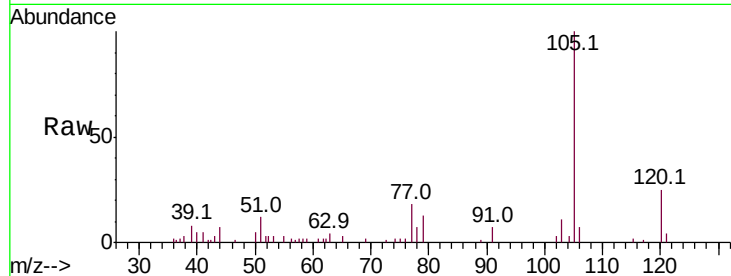
S8-0700DL

Tot Ion:105 Resp: 5566

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

4000

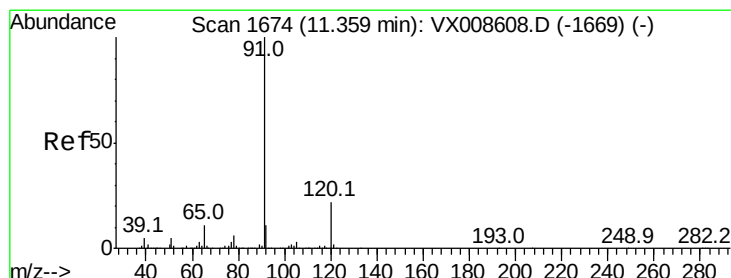
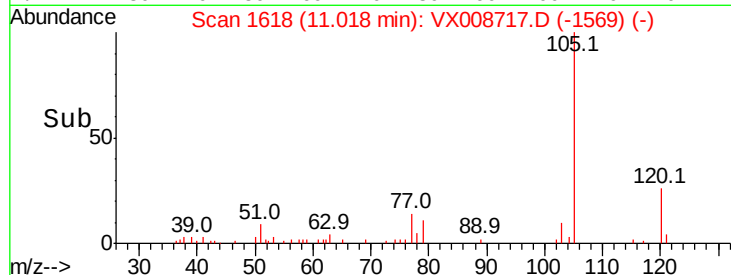
3000

2000

1000

0

Time--> 10.95 11.00 11.05



#78

n-propylbenzene

Concen: 0.404 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008717.D

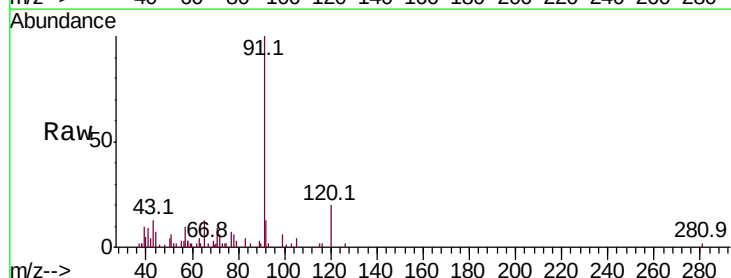
Acq: 06 Apr 2019 13:55

Tgt Ion: 91 Resp: 4785

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

4000

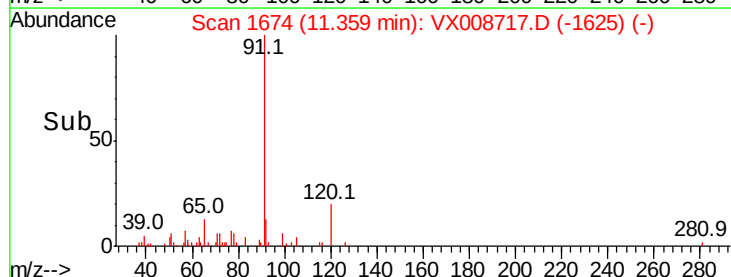
3000

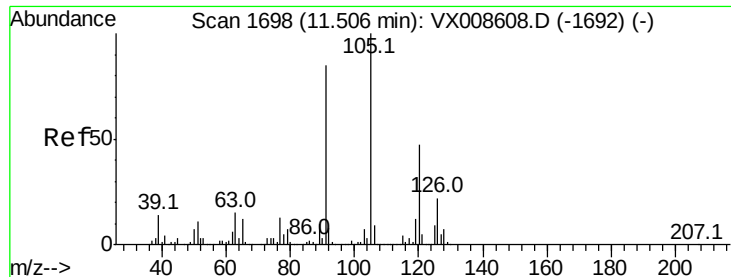
2000

1000

0

Time--> 11.30 11.35 11.40

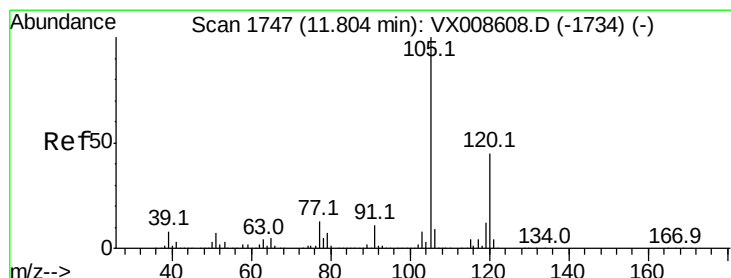
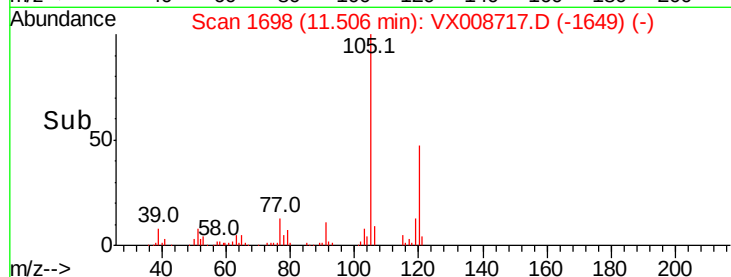
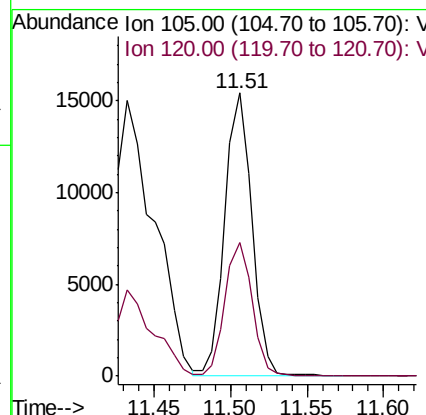
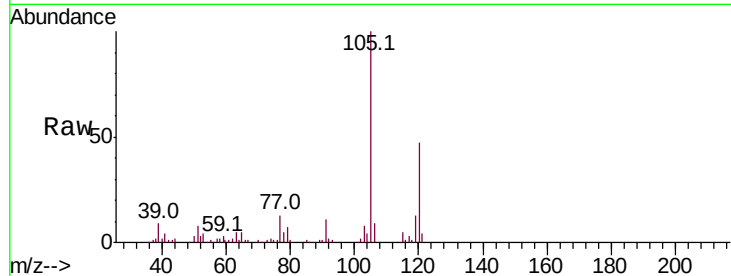




#80
 1,3,5-Trimethylbenzene
 Concen: 2.232 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008717.D
 Acq: 06 Apr 2019 13:55

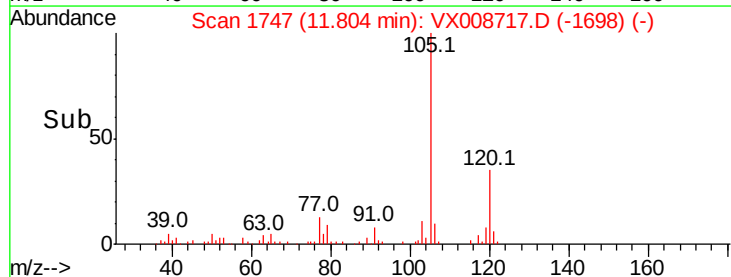
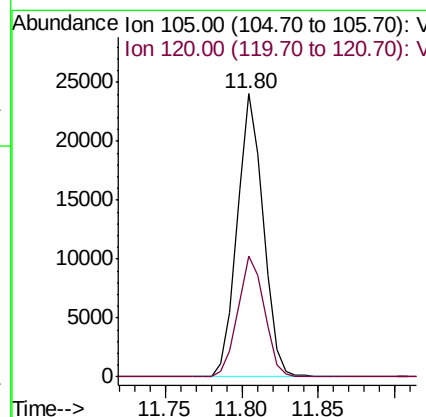
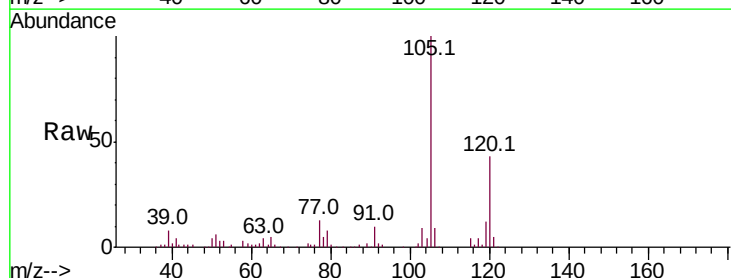
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700DL

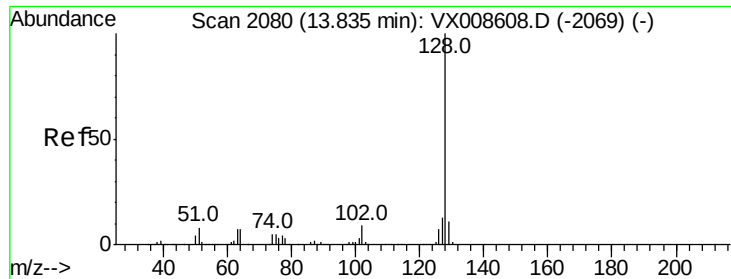
Tot Ion:105 Resp: 19053
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.282 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008717.D
 Acq: 06 Apr 2019 13:55

Tgt Ion:105 Resp: 28365
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

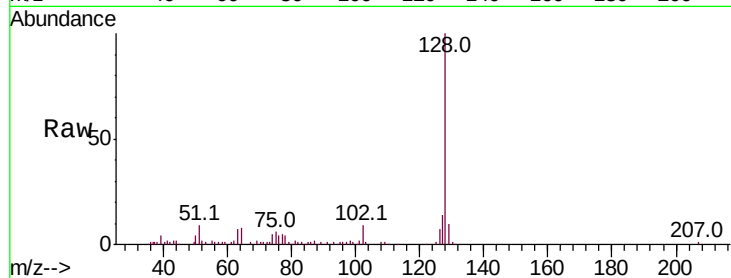




#95
Naphthalene
Concen: 1.826 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008717.D
Acq: 06 Apr 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0700DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.0	8.6	13.0



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

