

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011085.D
 Acq On : 26 Jul 2019 13:05
 Operator : JC/SP
 Sample : K4014-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jul 27 02:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145479	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	110335	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	5.50	113	101846	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	395243	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	140935	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	

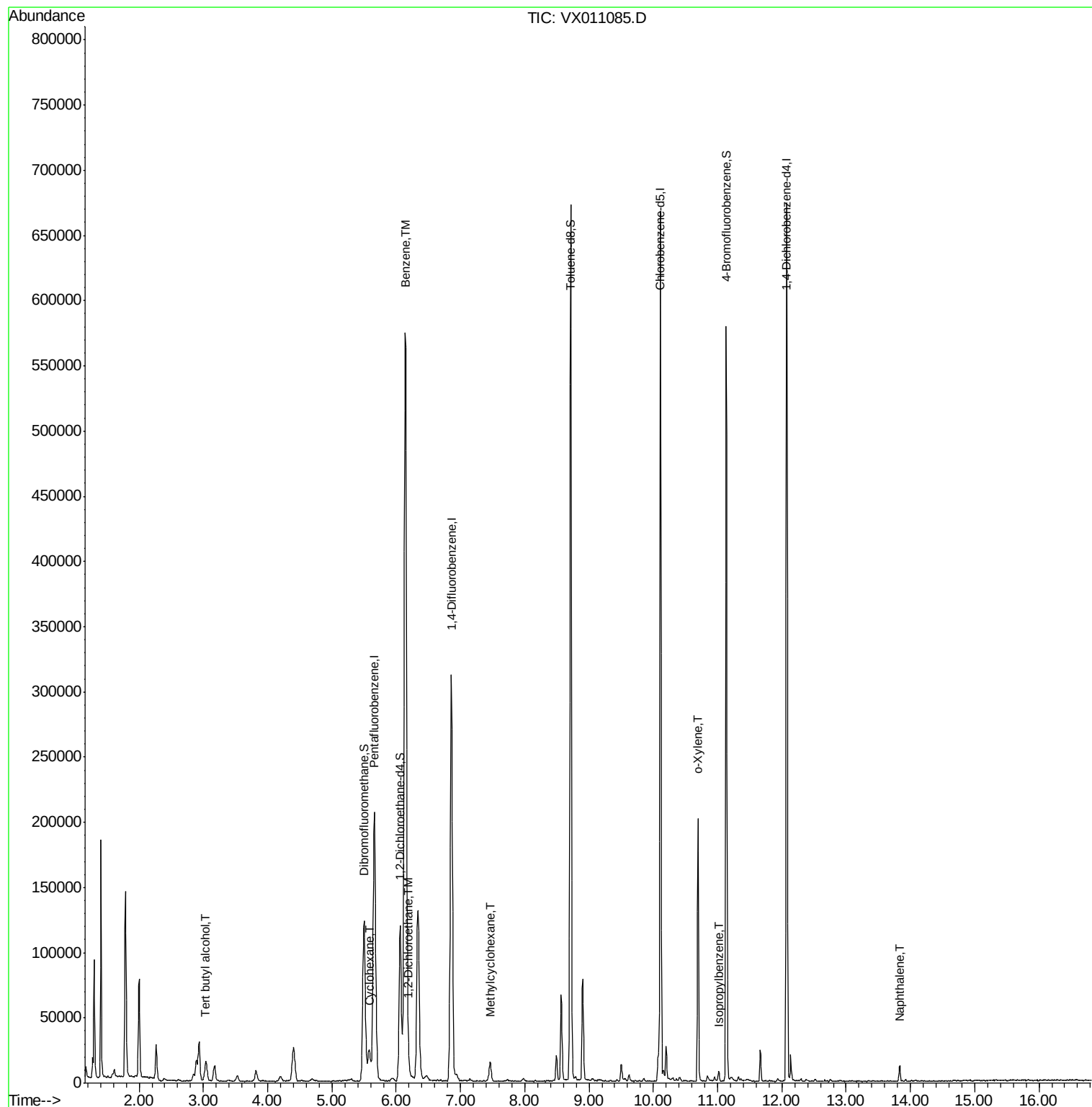
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	18416	35.639	ug/l	95
31) Cyclohexane	5.59	56	15964	5.299	ug/l	99
39) Methylcyclohexane	7.46	83	6754	1.908	ug/l	96
40) Benzene	6.14	78	702585	84.005	ug/l	99
42) 1,2-Dichloroethane	6.20	62	10105	3.475	ug/l	94
69) o-Xylene	10.69	106	44170	11.064	ug/l	100
73) Isopropylbenzene	11.02	105	3736	0.380	ug/l	96
95) Naphthalene	13.83	128	7406	0.794	ug/l	96

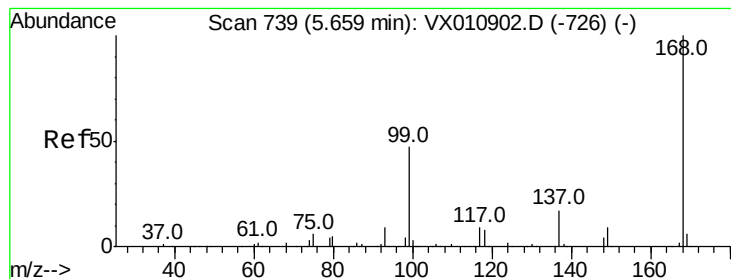
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

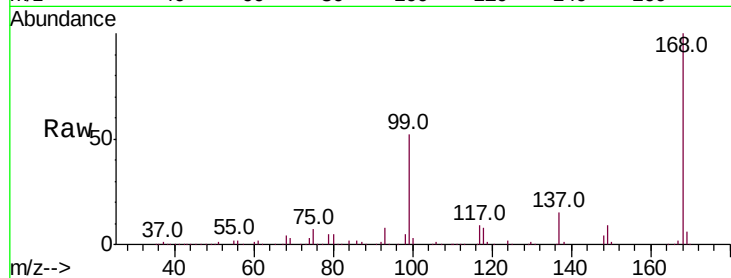
MW-2

Tot Ion:168 Resp: 208565

Ion Ratio Lower Upper

168 100

99 51.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

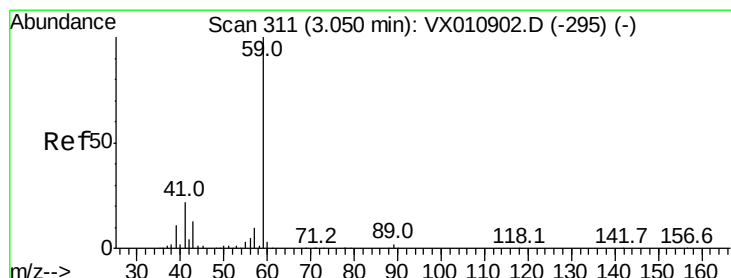
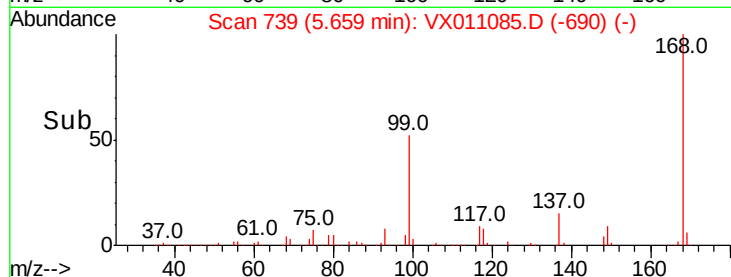
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 35.639 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX011085.D

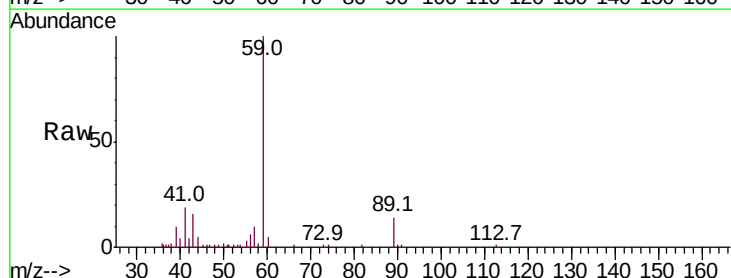
Acq: 26 Jul 2019 13:05

Tgt Ion: 59 Resp: 18416

Ion Ratio Lower Upper

59 100

57 11.6 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

8000

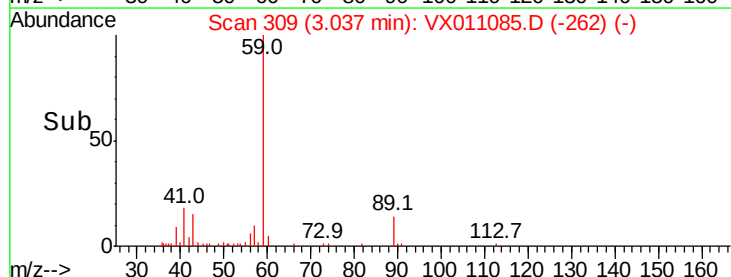
6000

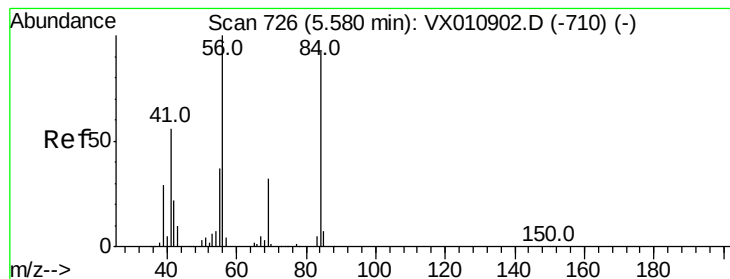
4000

2000

0

Time--> 2.95 3.00 3.05 3.10 3.15





#31

Cyclohexane

Concen: 5.299 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

MW-2

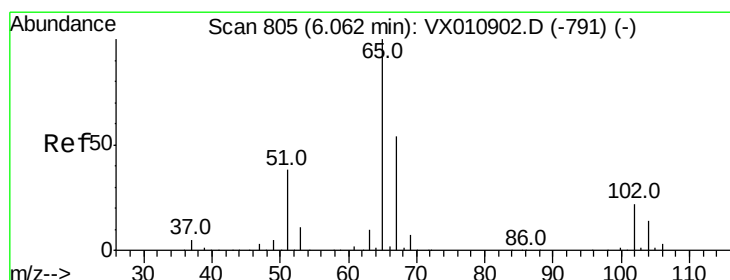
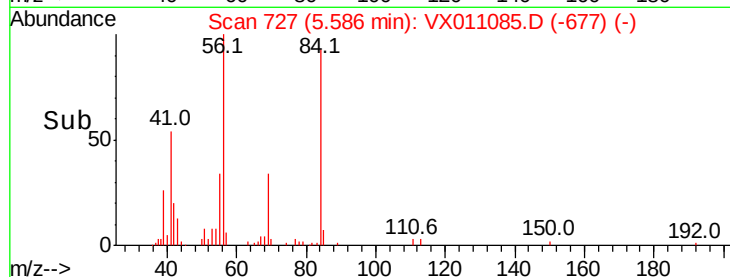
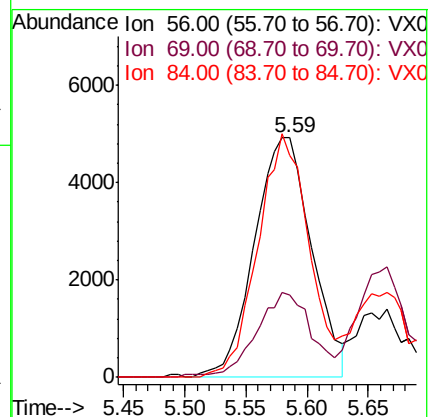
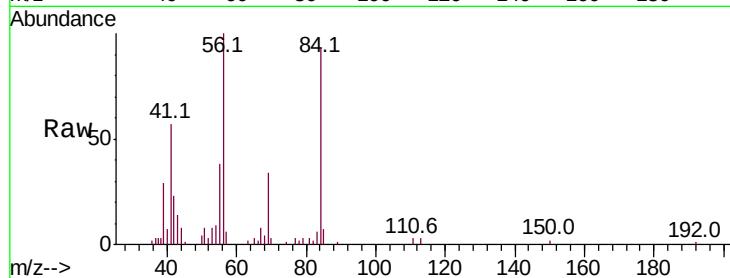
Tot Ion: 56 Resp: 15964

Ion Ratio Lower Upper

56 100

69 33.1 25.8 38.8

84 92.7 73.8 110.6



#33

1,2-Dichloroethane-d4

Concen: 49.727 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011085.D

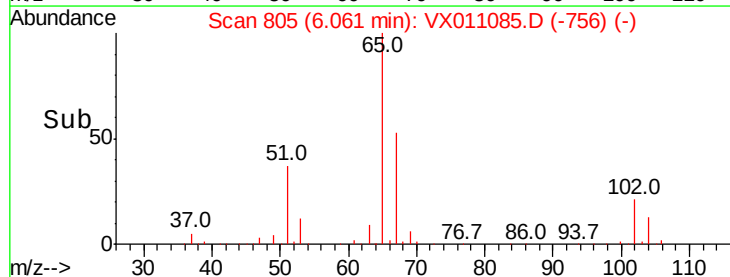
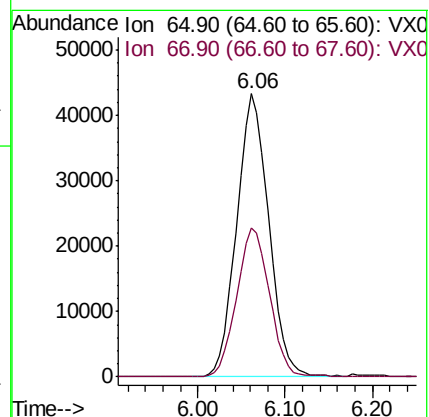
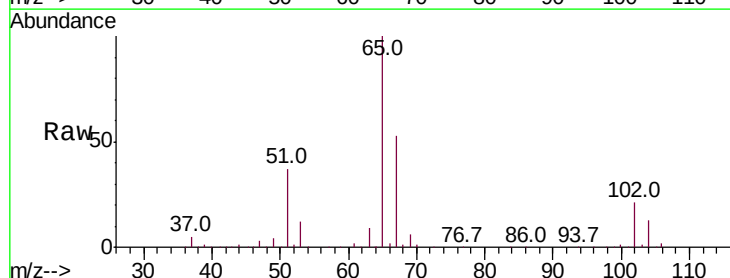
Acq: 26 Jul 2019 13:05

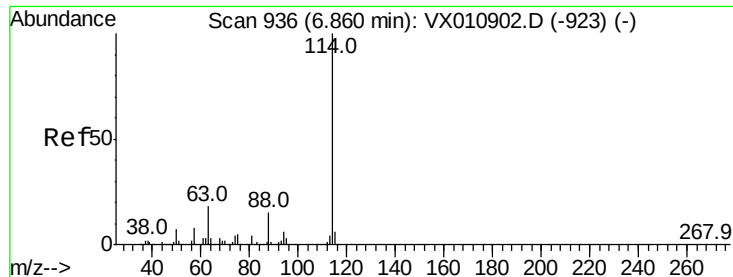
Tgt Ion: 65 Resp: 110335

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

MW-2

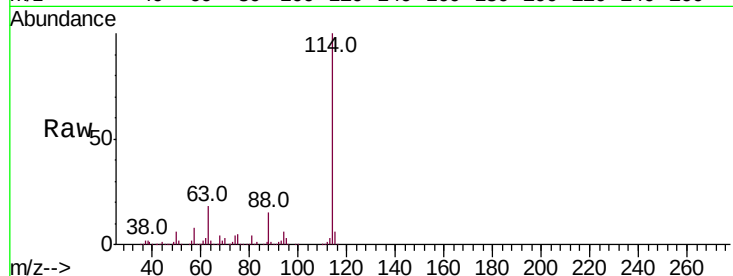
Tot Ion:114 Resp: 332395

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

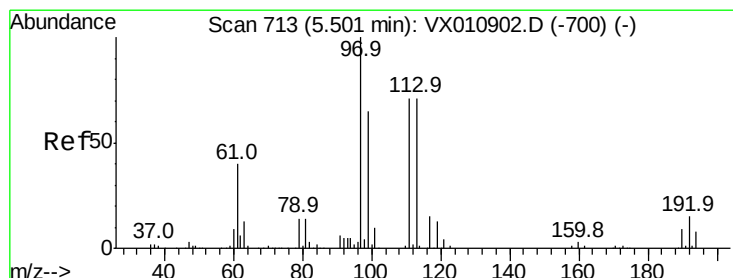
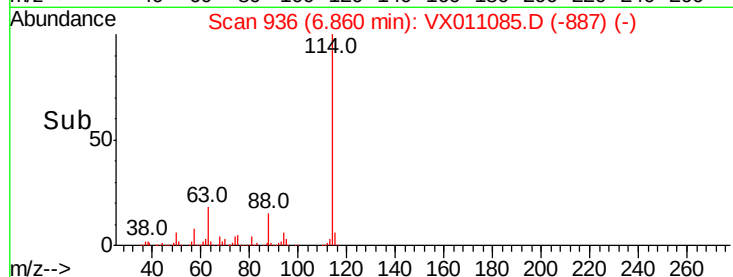
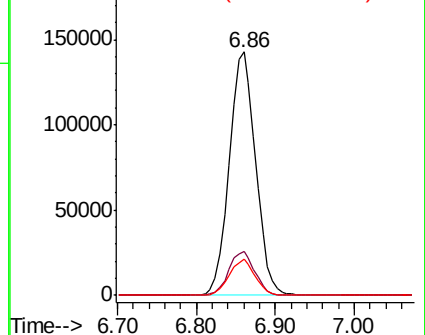
88 14.6 0.0 29.8



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: 48.273 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

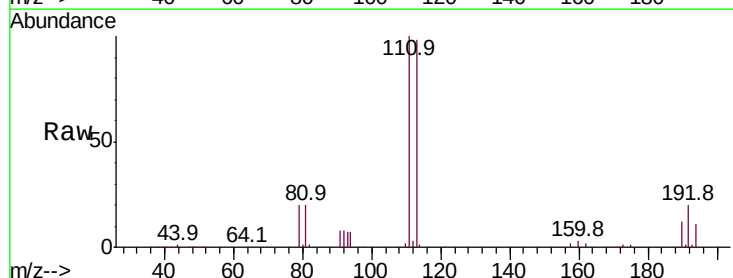
Tgt Ion:113 Resp: 101846

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

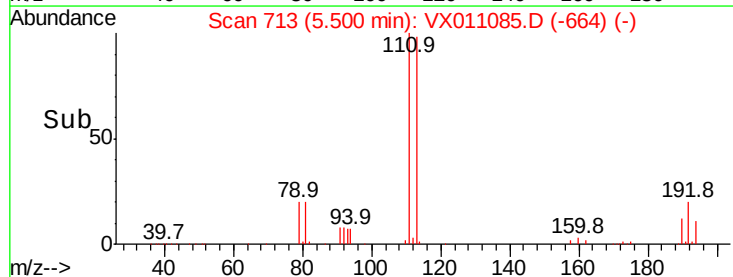
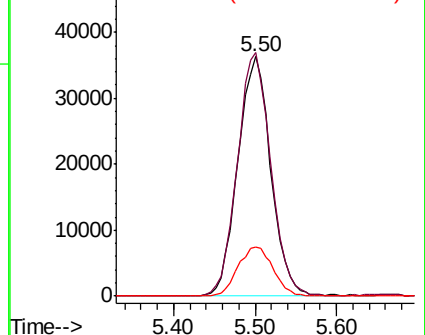
192 22.1 17.4 26.2

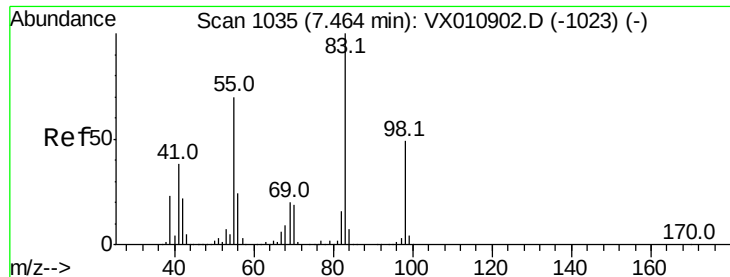


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

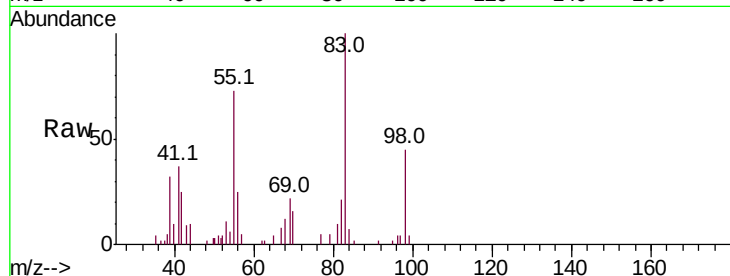




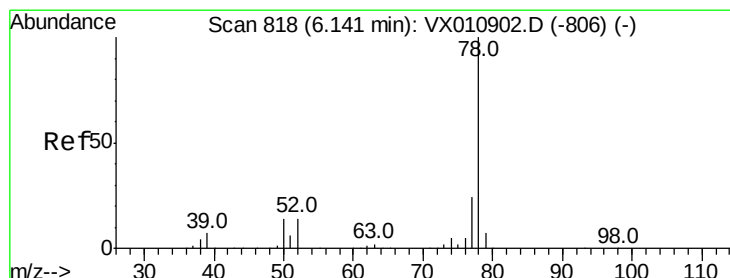
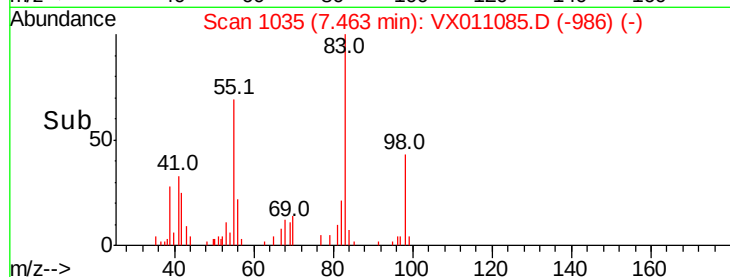
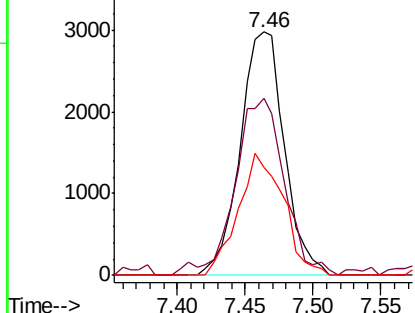
#39
Methvlcvclohexane
Concen: 1.908 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011085.D
Acq: 26 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion: 83 Resp: 6754
Ion Ratio Lower Upper
83 100
55 72.7 56.2 84.4
98 44.6 39.0 58.4

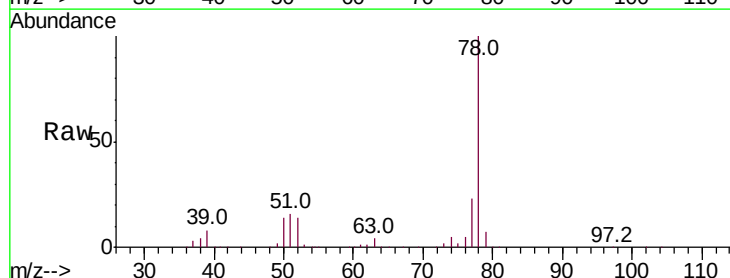


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

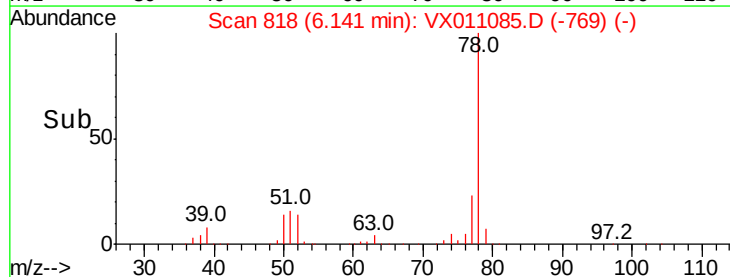
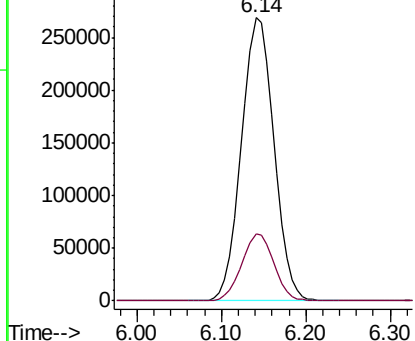


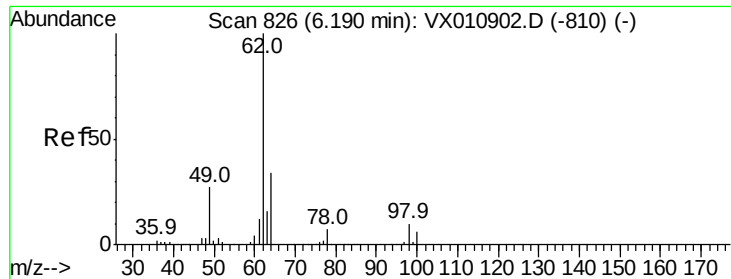
#40
Benzene
Concen: 84.005 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011085.D
Acq: 26 Jul 2019 13:05

Tgt Ion: 78 Resp: 702585
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

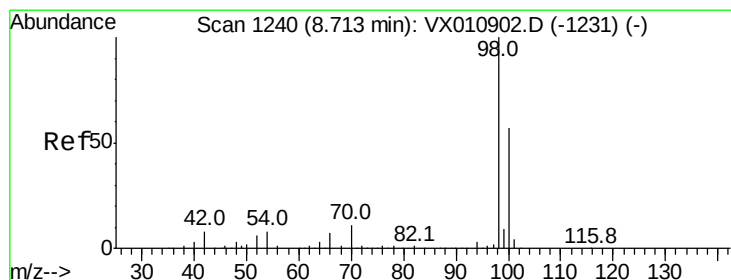
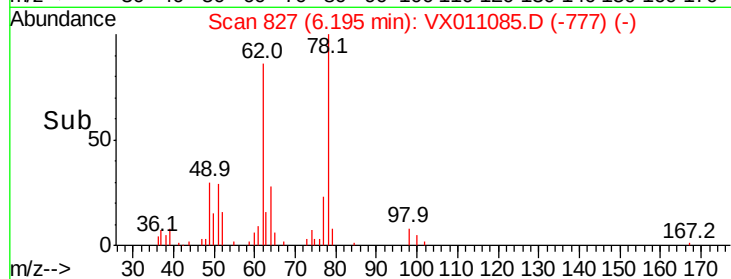
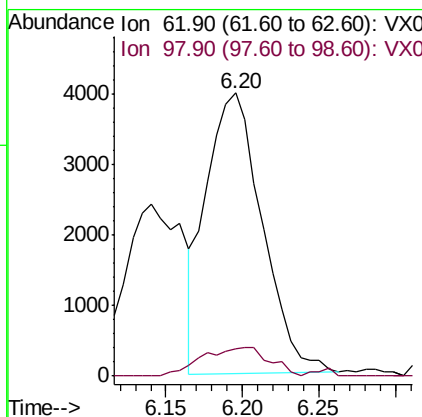
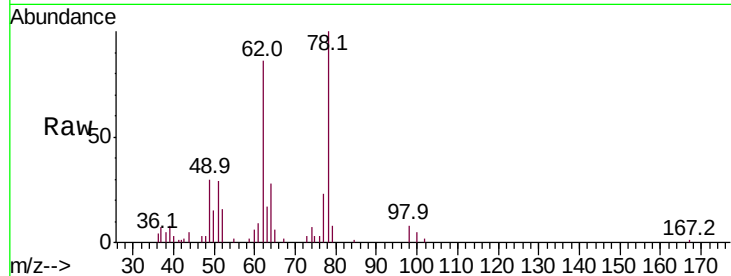




#42
 1,2-Dichloroethane
 Concen: 3.475 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX011085.D
 Acq: 26 Jul 2019 13:05

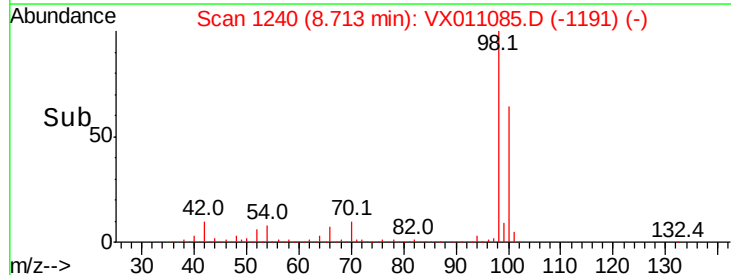
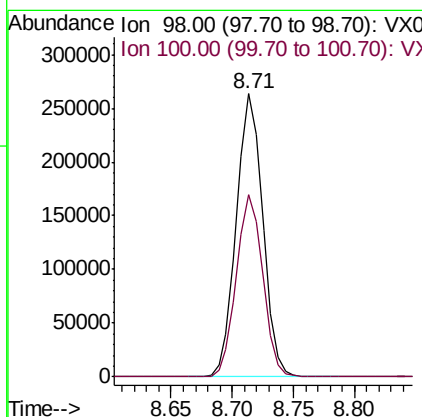
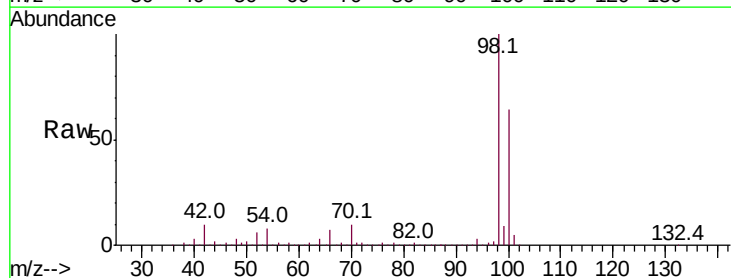
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

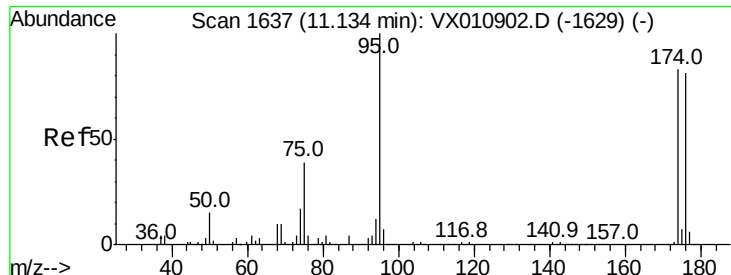
Tot Ion: 62 Resp: 10105
 Ion Ratio Lower Upper
 62 100
 98 12.4 0.0 20.0



#50
 Toluene-d8
 Concen: 49.948 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011085.D
 Acq: 26 Jul 2019 13:05

Tgt Ion: 98 Resp: 395243
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 48.455 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

MW-2

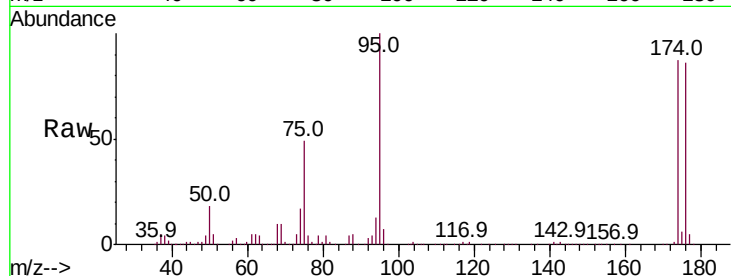
Tot Ion: 95 Resp: 140935

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

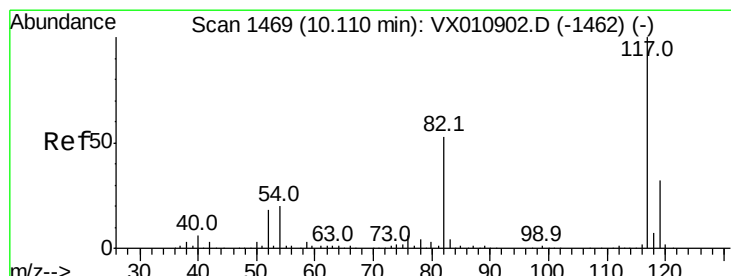
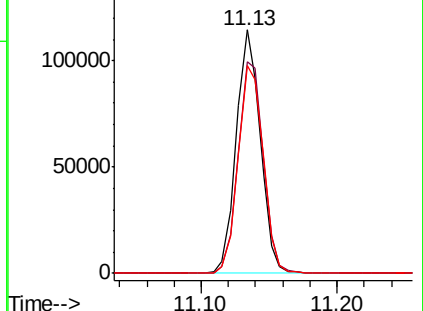
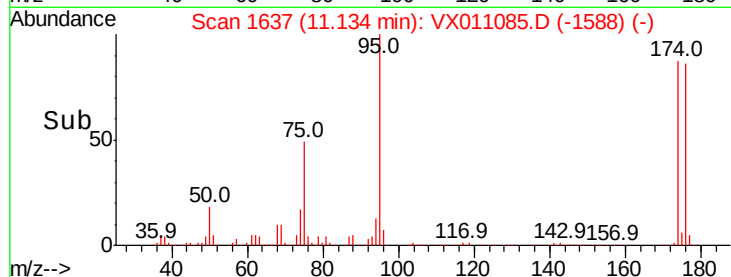
176 89.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011085.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011085.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011085.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

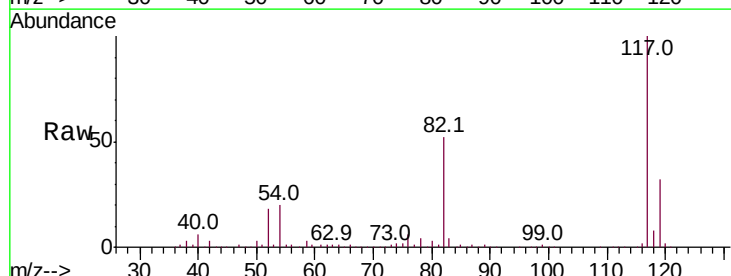
Tgt Ion: 117 Resp: 305038

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

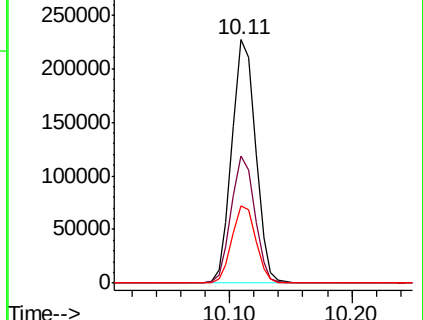
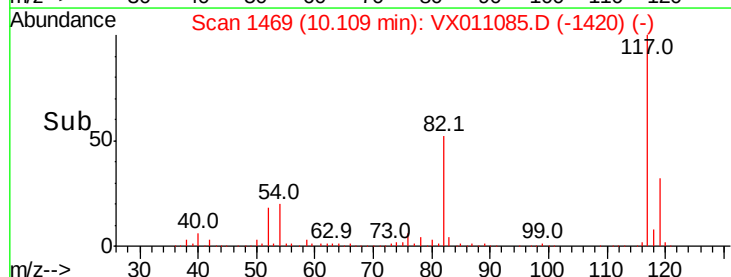
119 31.7 25.9 38.9

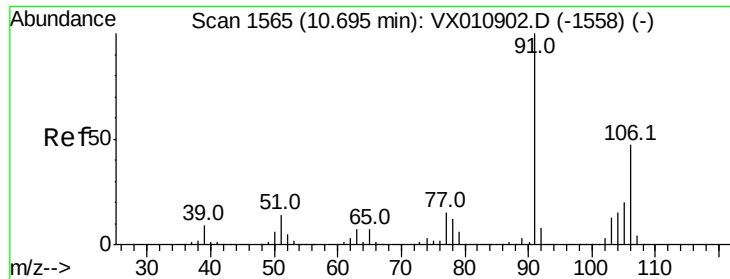


Abundance Ion 116.90 (116.60 to 117.60): VX011085.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011085.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011085.D (-1420) (-)

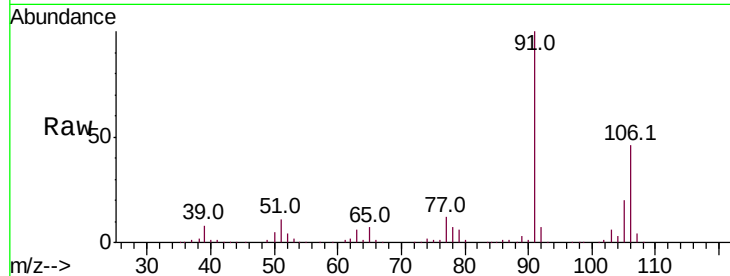




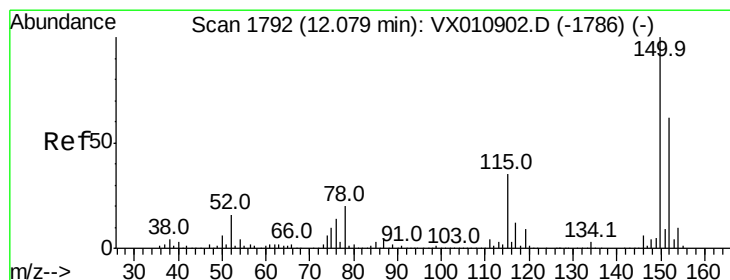
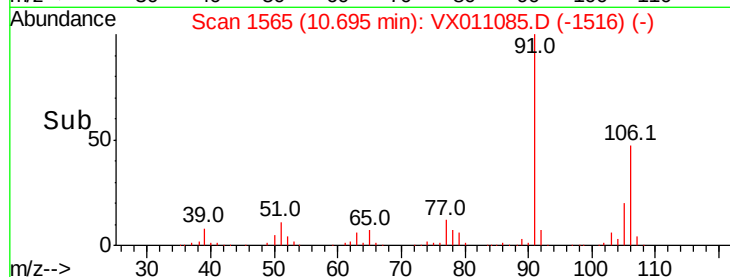
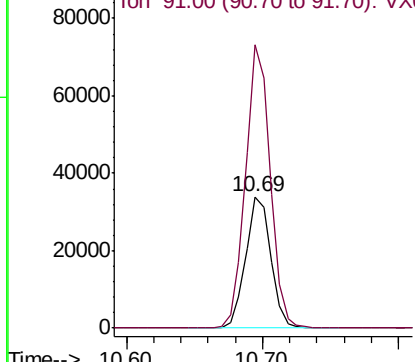
#69
o-Xylene
Concen: 11.064 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011085.D
Acq: 26 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion:106 Resp: 44170
Ion Ratio Lower Upper
106 100
91 210.8 105.1 315.3

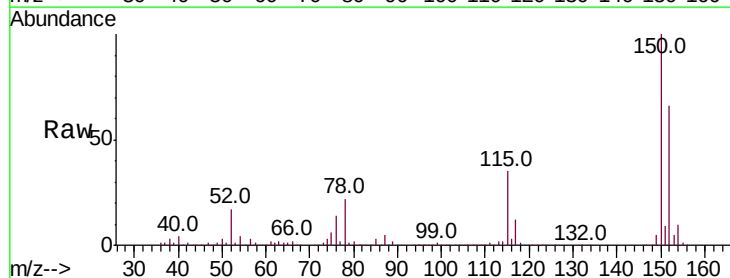


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

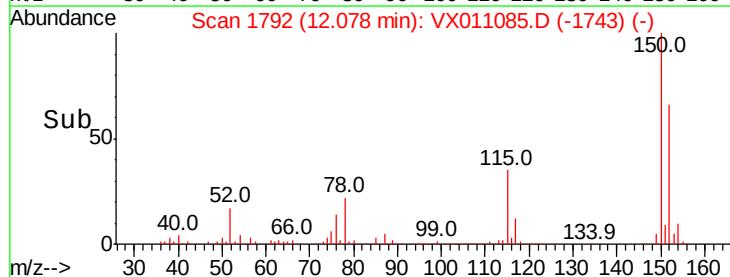
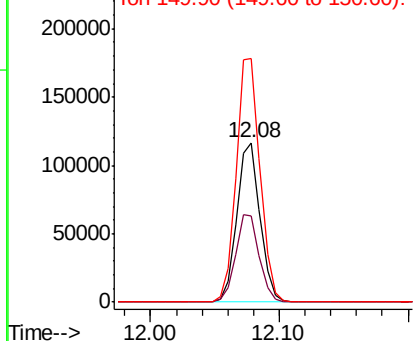


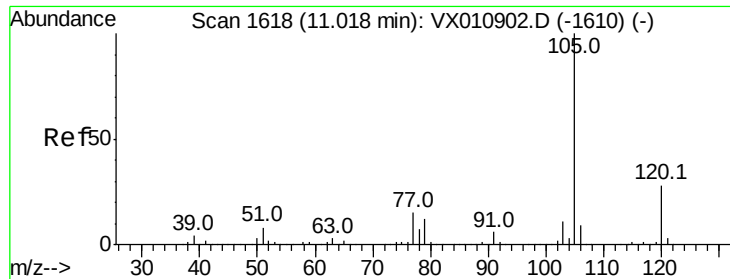
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011085.D
Acq: 26 Jul 2019 13:05

Tgt Ion:152 Resp: 145479
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 157.2 0.0 345.6



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: 0.380 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

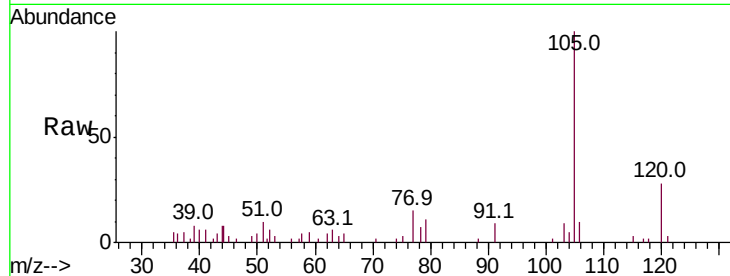
MW-2

Tot Ion:105 Resp: 3736

Ion Ratio Lower Upper

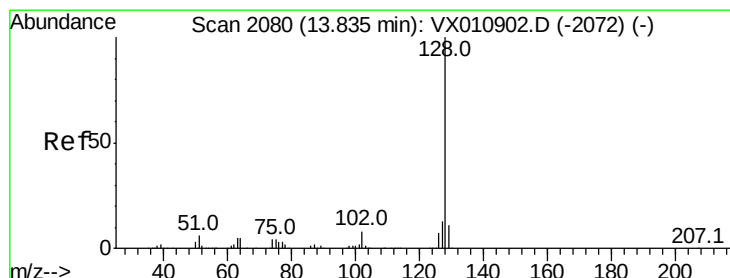
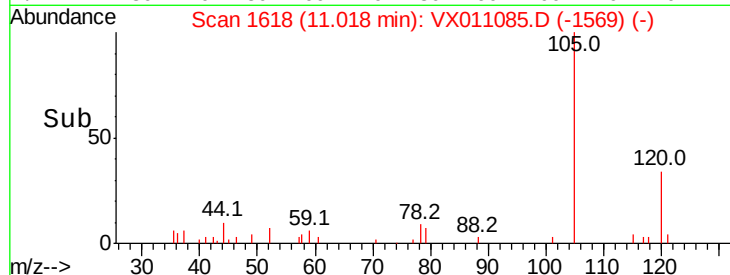
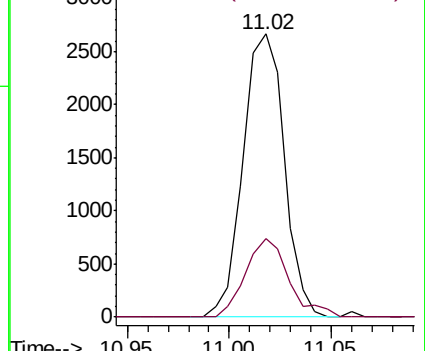
105 100

120 29.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.794 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011085.D

Acq: 26 Jul 2019 13:05

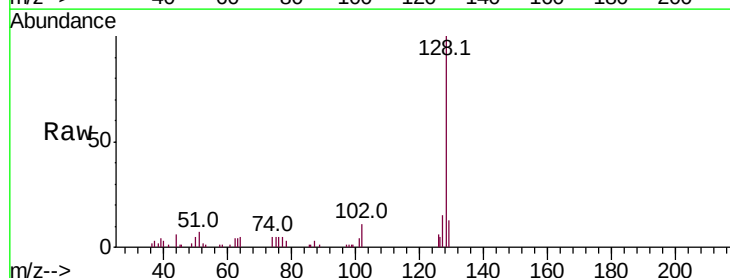
Tgt Ion:128 Resp: 7406

Ion Ratio Lower Upper

128 100

127 14.1 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

