

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011089.D
 Acq On : 26 Jul 2019 14:39
 Operator : JC/SP
 Sample : K4014-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 27 03:19:55 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

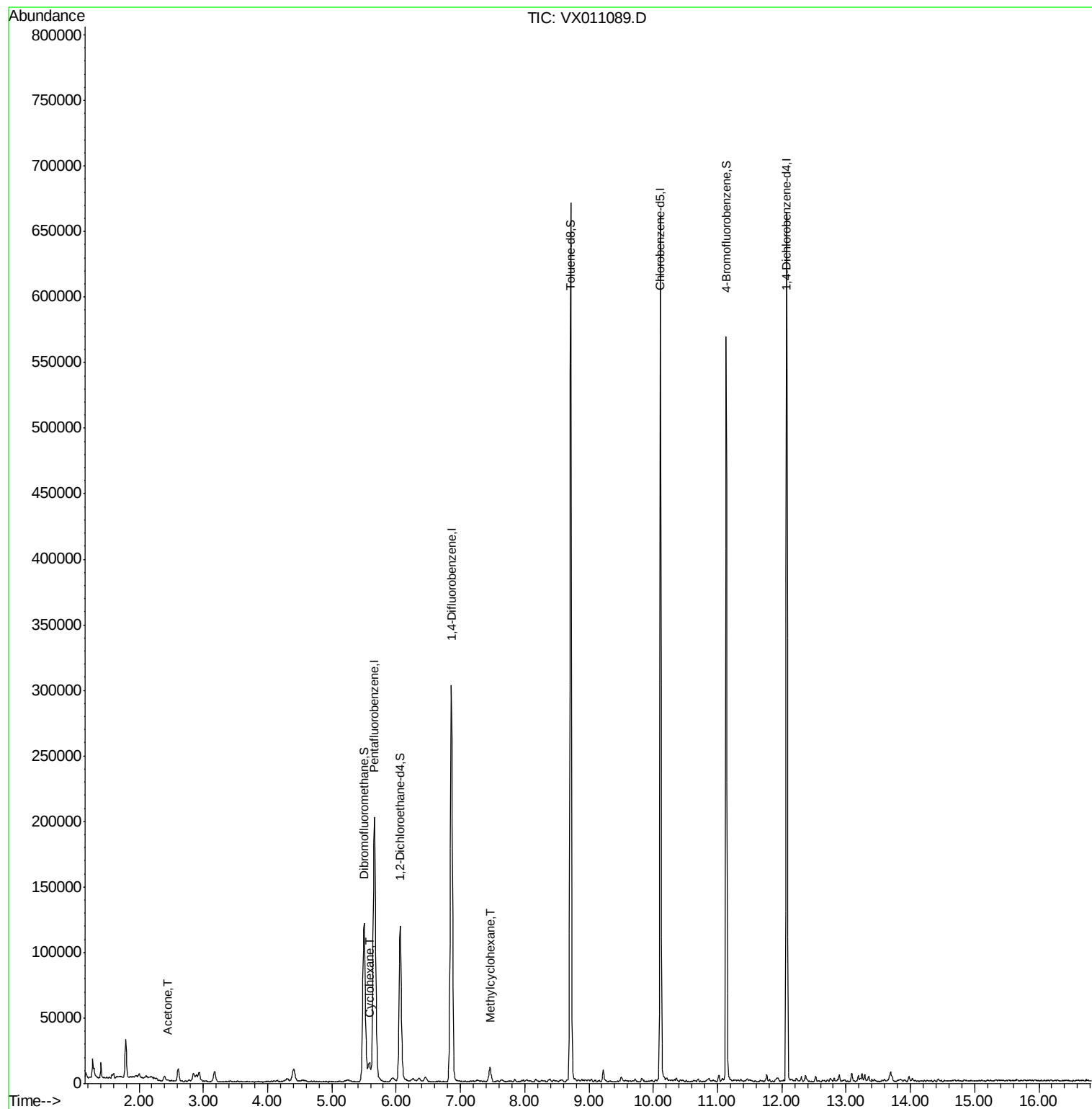
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110506	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	100585	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	387519	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	137191	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	2.44	43	1391	1.430	ug/l	91
31) Cyclohexane	5.59	56	9607	3.286	ug/l	90
39) Methylcyclohexane	7.46	83	4879	1.432	ug/l	95

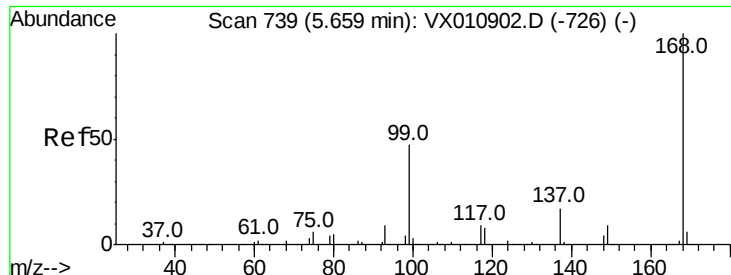
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011089.D

Acq: 26 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

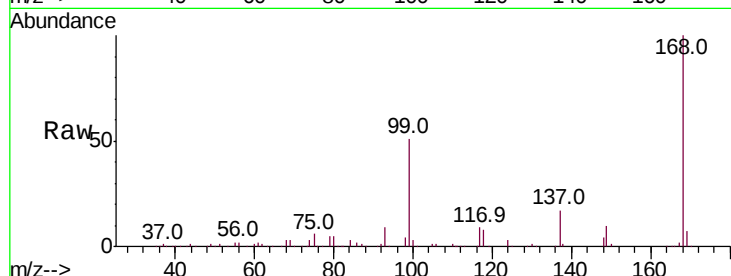
MW-4

Tot Ion:168 Resp: 202425

Ion Ratio Lower Upper

168 100

99 50.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

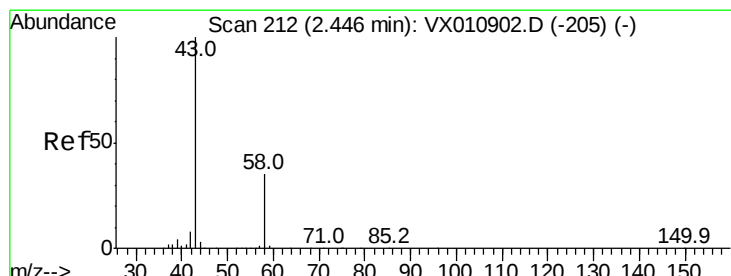
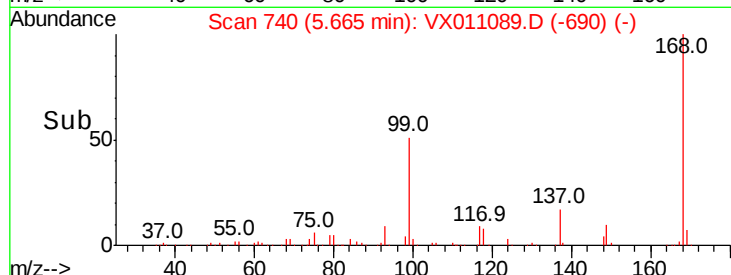
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.430 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011089.D

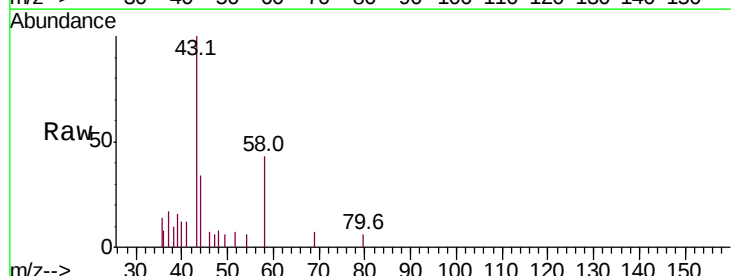
Acq: 26 Jul 2019 14:39

Tgt Ion: 43 Resp: 1391

Ion Ratio Lower Upper

43 100

58 39.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1000

800

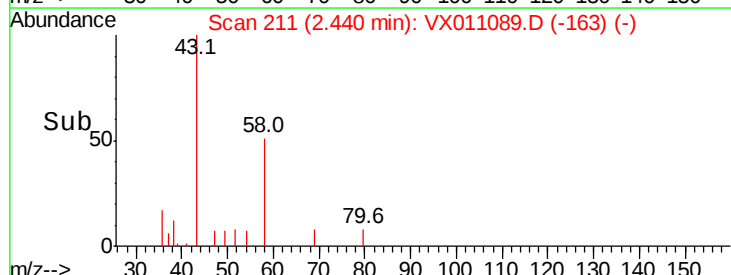
600

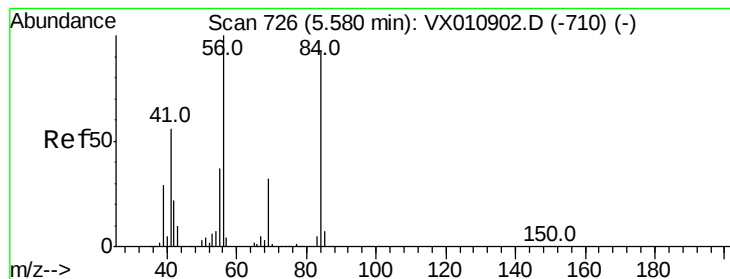
400

200

0

Time--> 2.40 2.45 2.50





#31

Cyclohexane

Concen: 3.286 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011089.D

Acq: 26 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampled :

MW-4

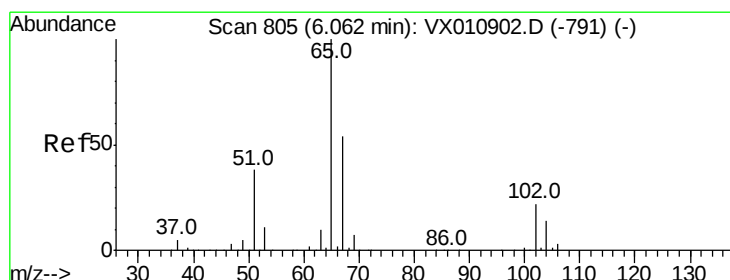
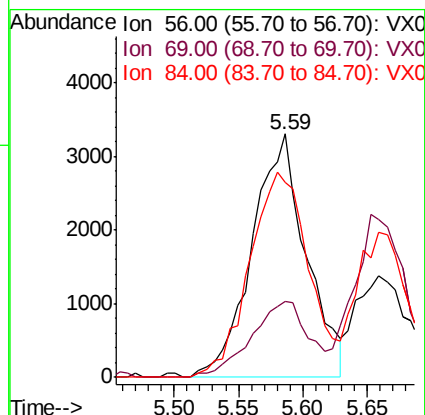
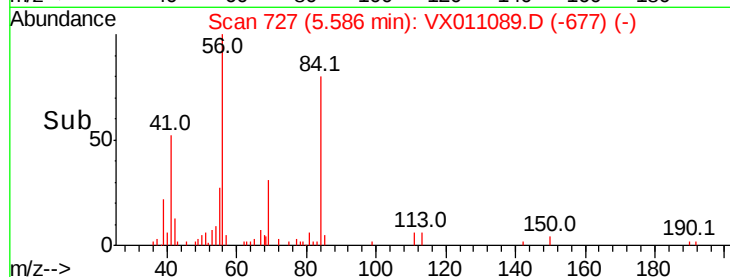
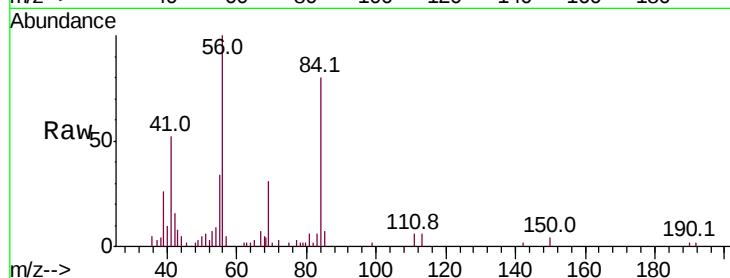
Tot Ion: 56 Resp: 9607

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.8

84 79.9 73.8 110.6



#33

1,2-Dichloroethane-d4

Concen: 51.315 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011089.D

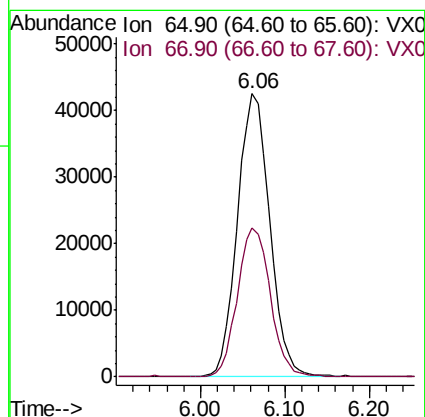
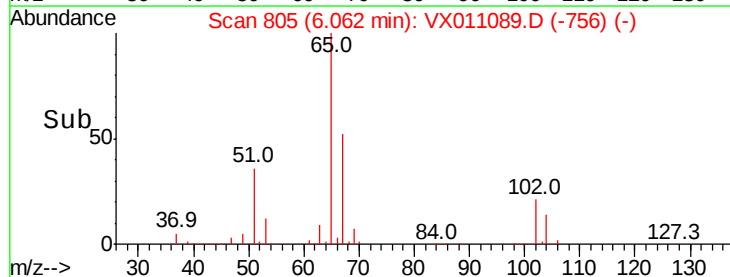
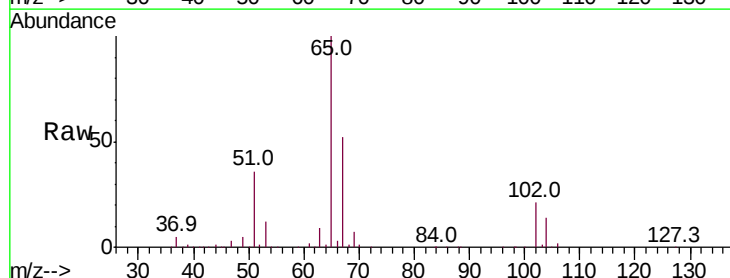
Acq: 26 Jul 2019 14:39

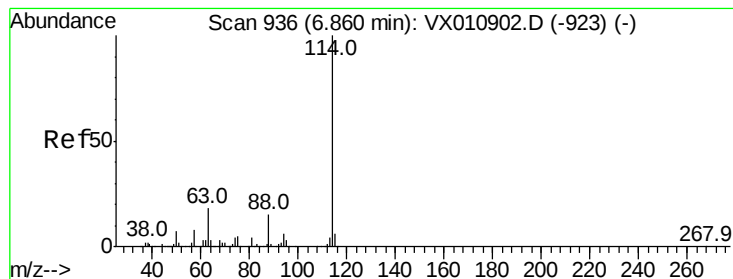
Tgt Ion: 65 Resp: 110506

Ion Ratio Lower Upper

65 100

67 53.5 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: VX011089.D

Acq: 26 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4

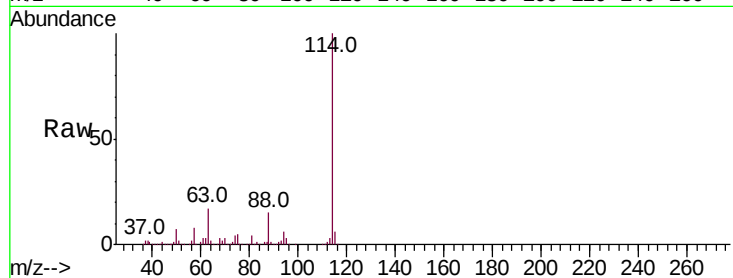
Tot Ion:114 Resp: 319855

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

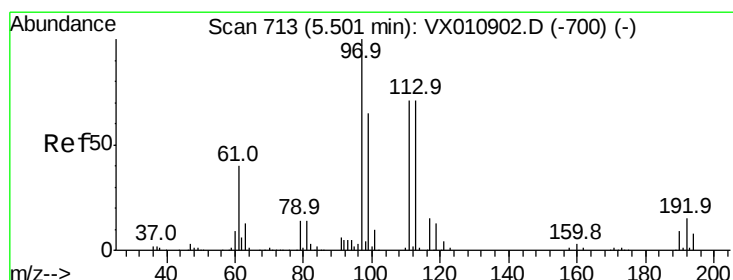
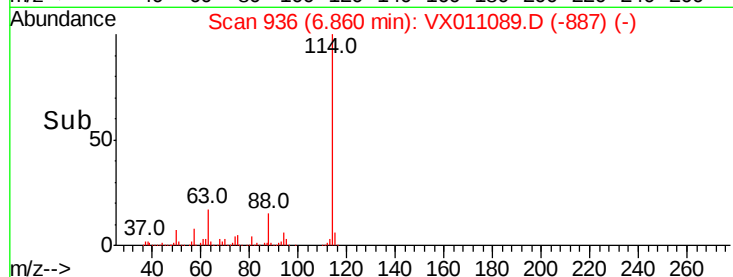
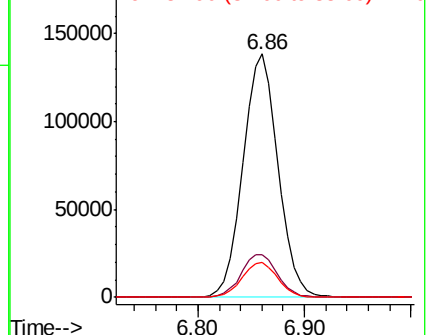
88 14.5 0.0 29.8



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: 49.545 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011089.D

Acq: 26 Jul 2019 14:39

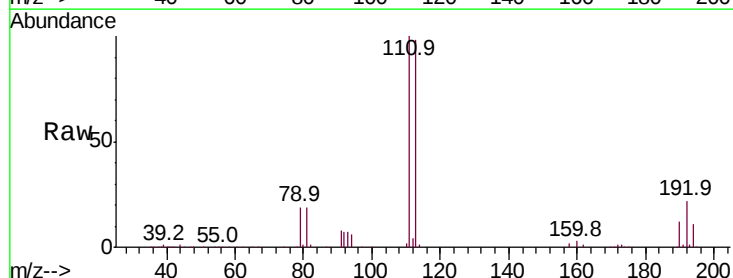
Tgt Ion:113 Resp: 100585

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

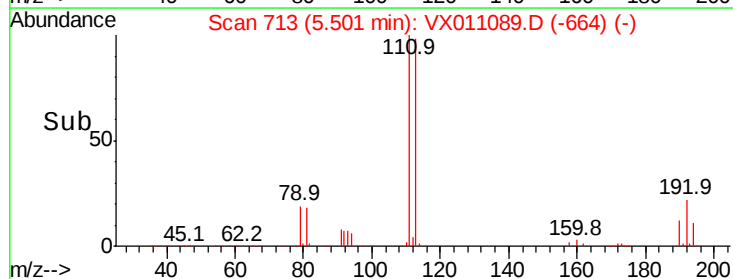
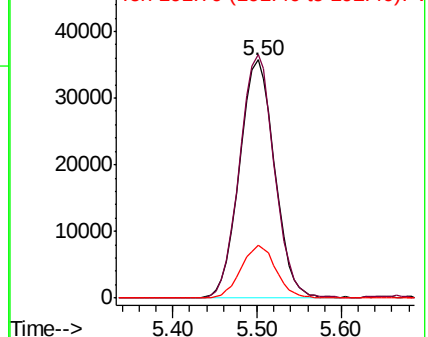
192 22.2 17.4 26.2

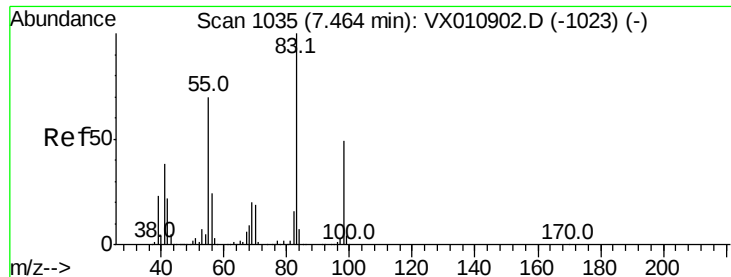


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

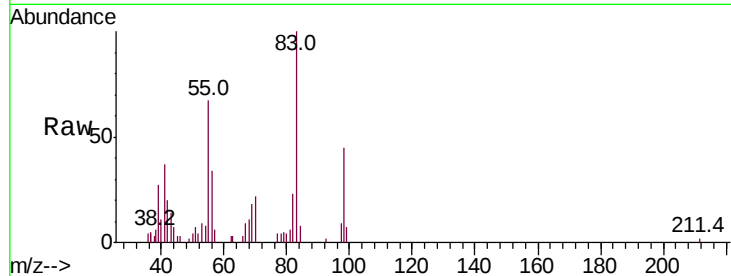




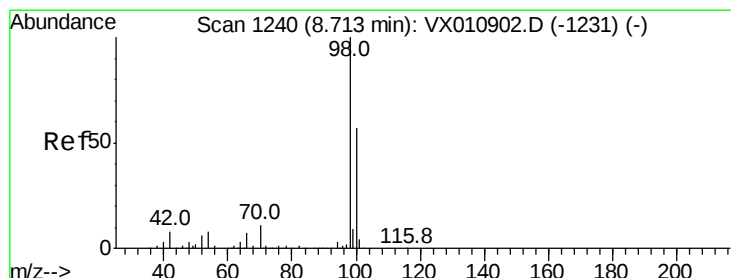
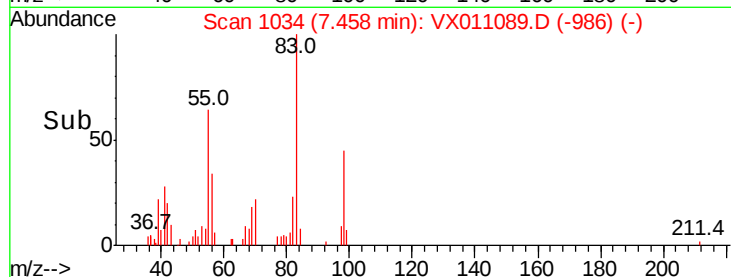
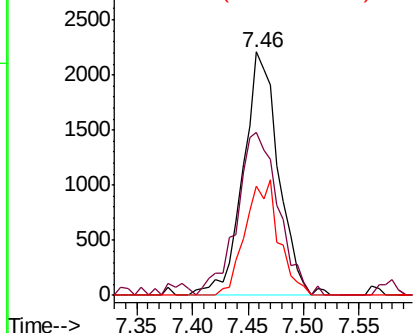
#39
Methylcyclohexane
Concen: 1.432 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011089.D
Acq: 26 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion: 83 Resp: 4879
Ion Ratio Lower Upper
83 100
55 66.9 56.2 84.4
98 44.7 39.0 58.4

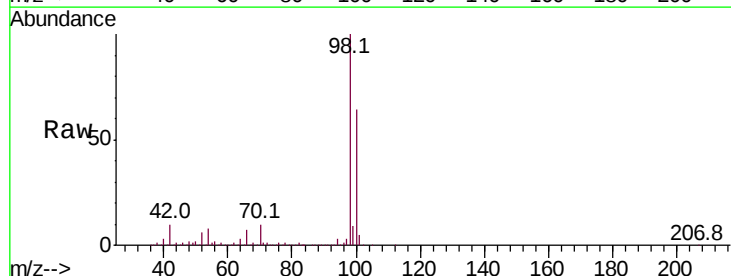


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

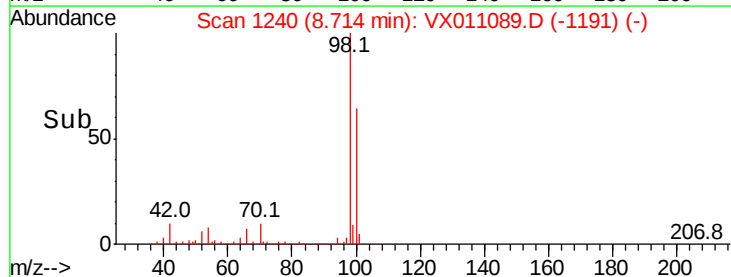
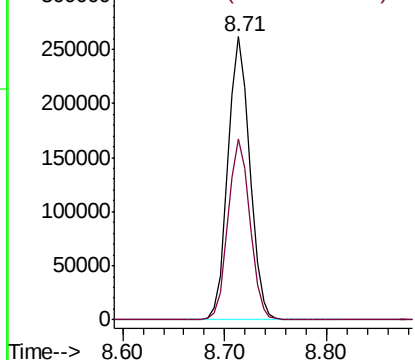


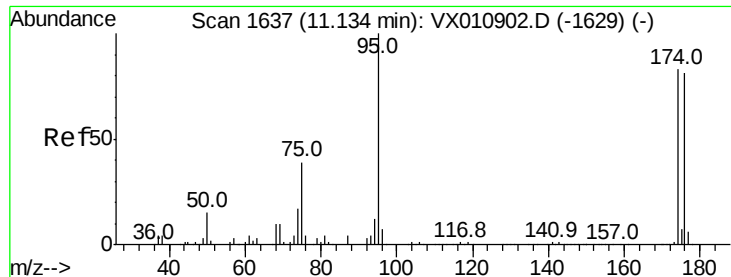
#50
Toluene-d8
Concen: 50.892 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011089.D
Acq: 26 Jul 2019 14:39

Tgt Ion: 98 Resp: 387519
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011089.D

Acq: 26 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampled :

MW-4

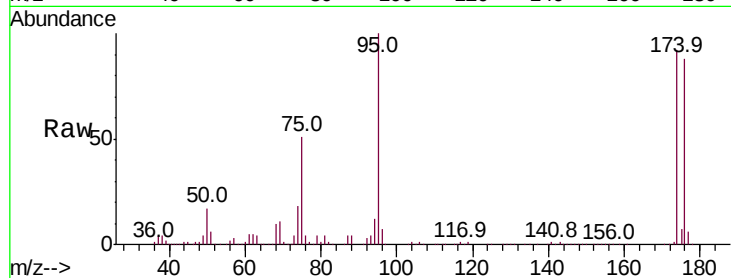
Tot Ion: 95 Resp: 137191

Ion Ratio Lower Upper

95 100

174 93.5 0.0 180.6

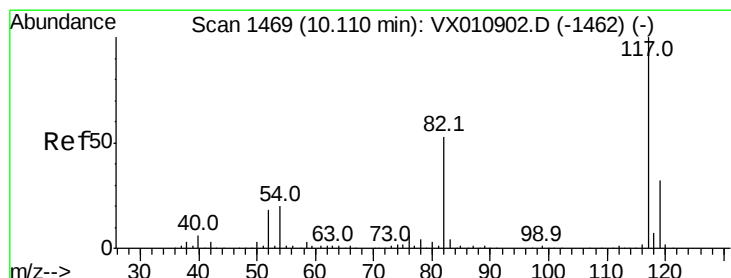
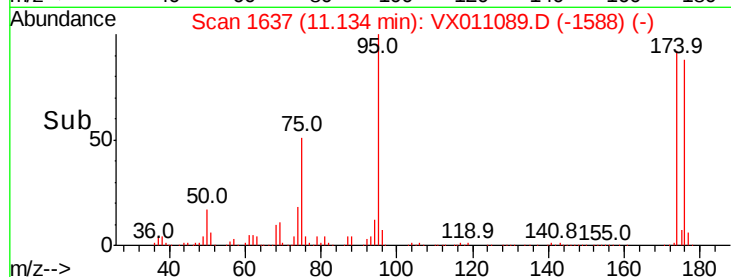
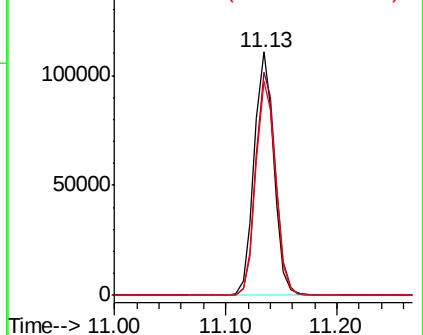
176 88.7 0.0 173.8



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: VX011089.D

Acq: 26 Jul 2019 14:39

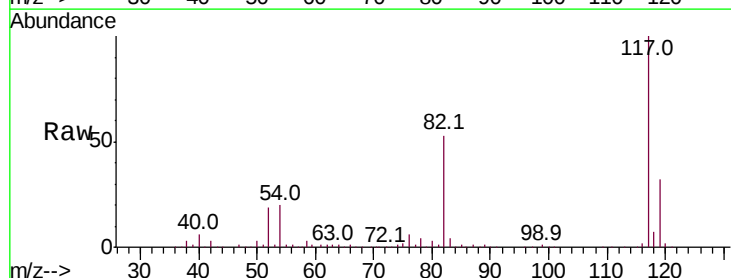
Tgt Ion: 117 Resp: 299499

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

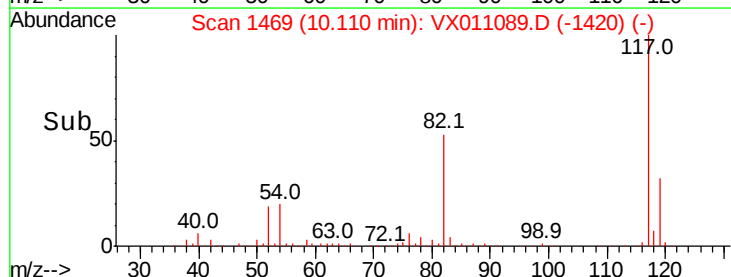
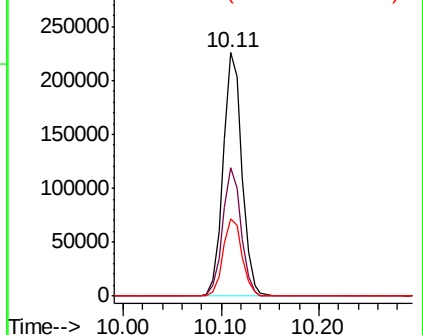
119 31.5 25.9 38.9

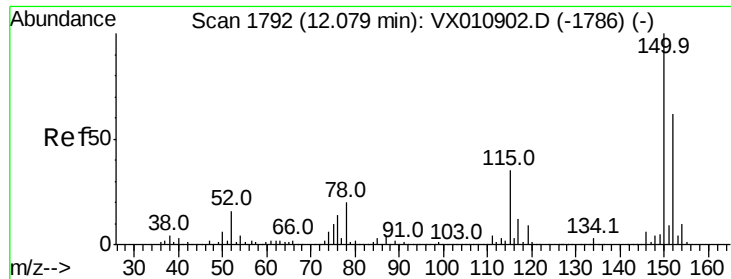


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

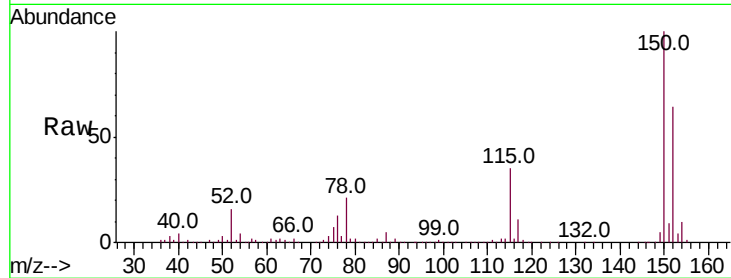




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011089.D
 Acq: 26 Jul 2019 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.7	119.1
150	154.9	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

