

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011131.D
 Acq On : 27 Jul 2019 08:10
 Operator : JC/SP
 Sample : K3626-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-072519-B

Quant Time: Jul 29 03:52:24 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

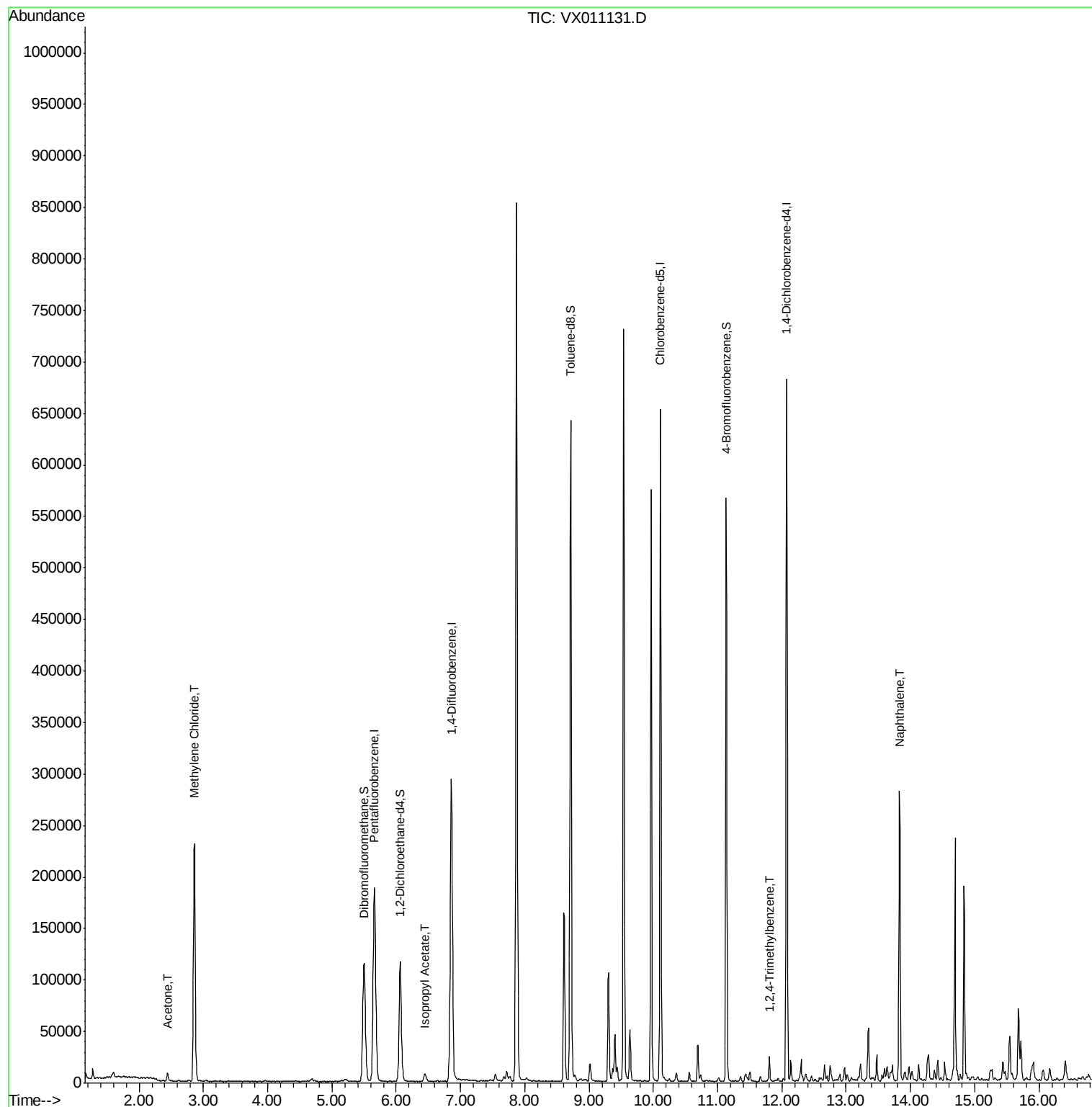
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	191870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	142990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104881	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	97739	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	381263	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	135886	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
16) Acetone	2.45	43	7748	8.404	ug/l	97
20) Methylene Chloride	2.86	84	113746	58.220	ug/l	100
43) Isopropyl Acetate	6.45	43	11023	2.569	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	9274	1.140	ug/l	97
95) Naphthalene	13.83	128	177038	19.300	ug/l	99

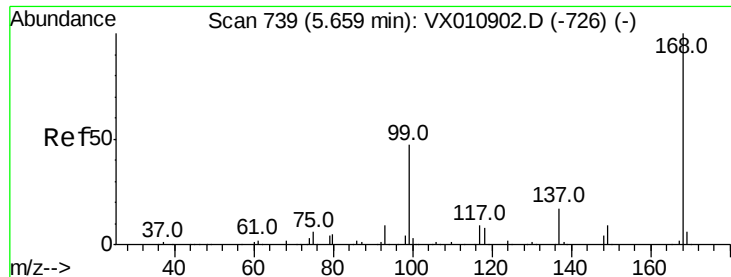
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011131.D

Acq: 27 Jul 2019 08:10

Instrument :

MSVOA_X

ClientSampleId :

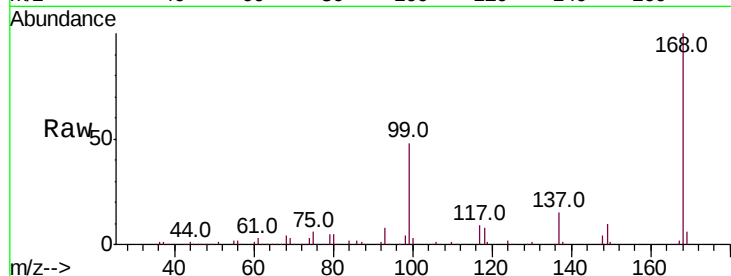
SU-01-072519-B

Tot Ion:168 Resp: 191870

Ion Ratio Lower Upper

168 100

99 47.9 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

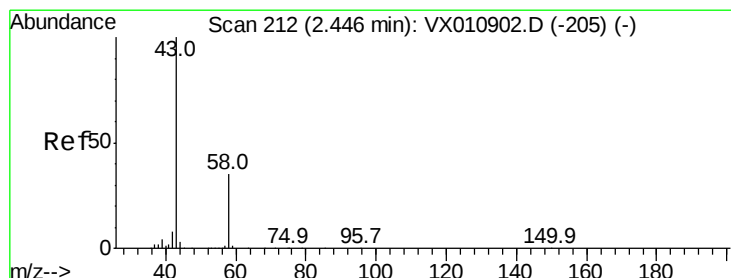
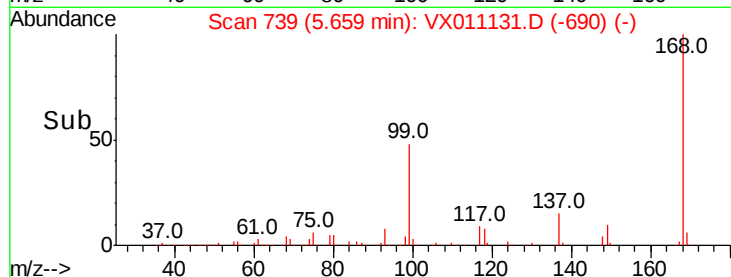
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.404 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011131.D

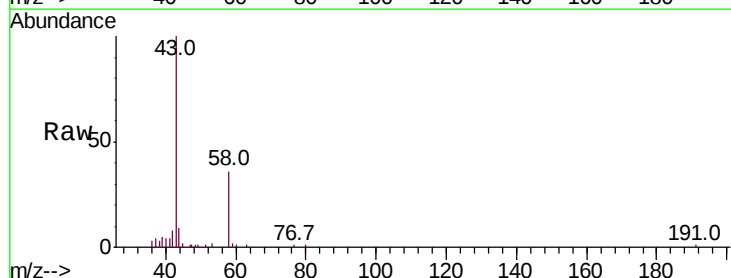
Acq: 27 Jul 2019 08:10

Tgt Ion: 43 Resp: 7748

Ion Ratio Lower Upper

43 100

58 36.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

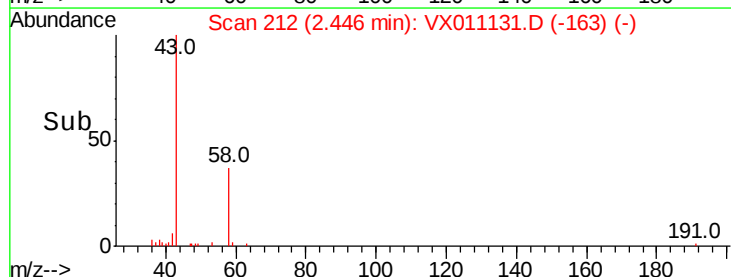
3000

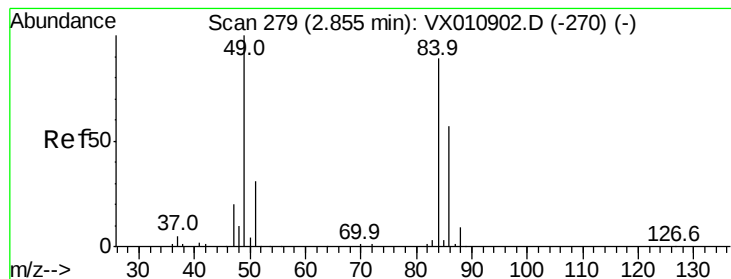
2000

1000

0

Time--> 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 58.220 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011131.D

Acq: 27 Jul 2019 08:10

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-B

Tot Ion: 84 Resp: 113746

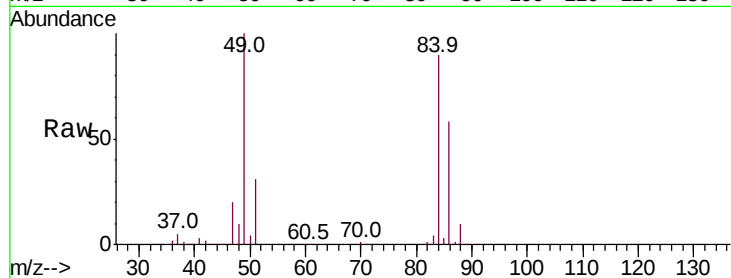
Ion Ratio Lower Upper

84 100

49 111.5 89.9 134.9

51 34.7 27.8 41.6

86 64.6 51.8 77.6



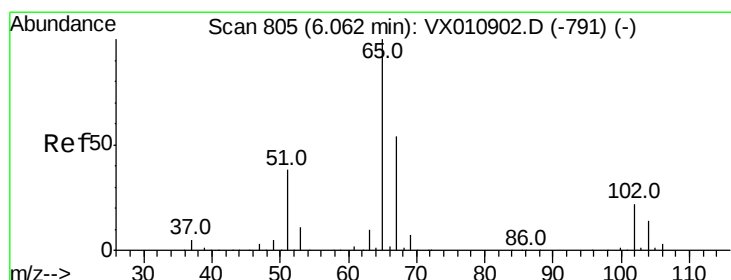
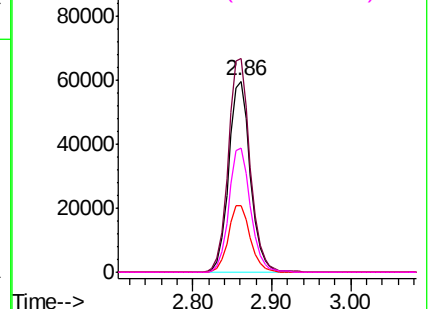
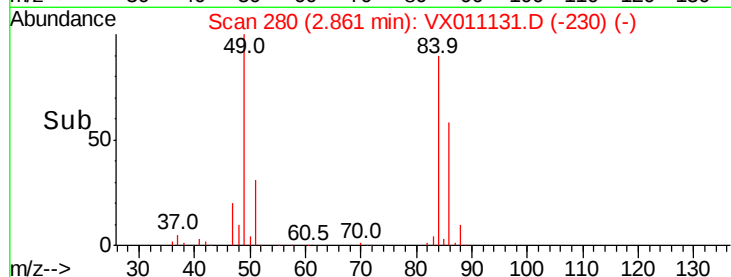
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.382 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011131.D

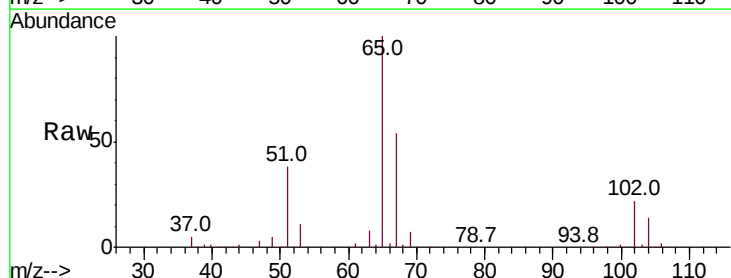
Acq: 27 Jul 2019 08:10

Tgt Ion: 65 Resp: 104881

Ion Ratio Lower Upper

65 100

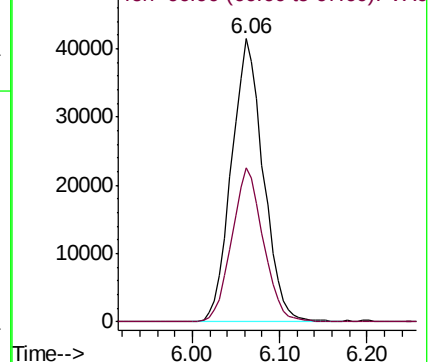
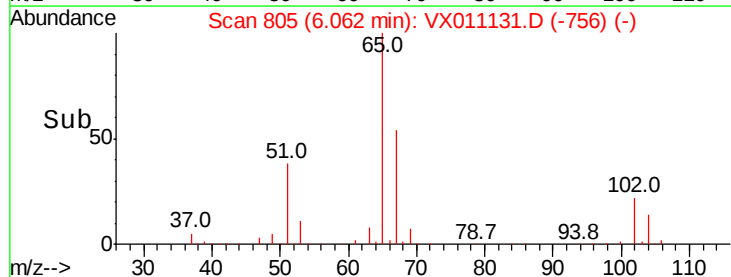
67 54.1 0.0 107.8



Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

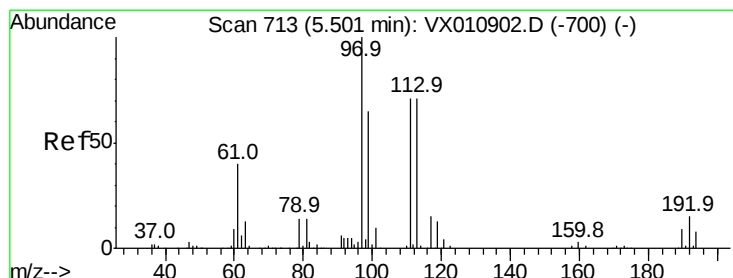
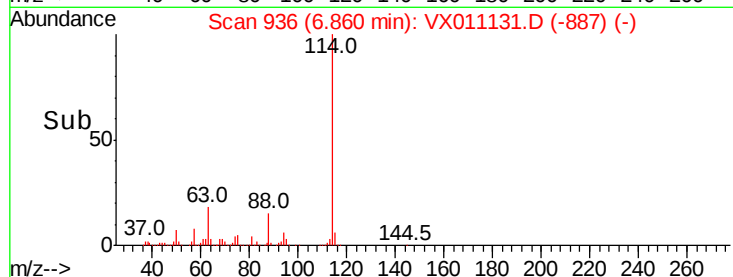
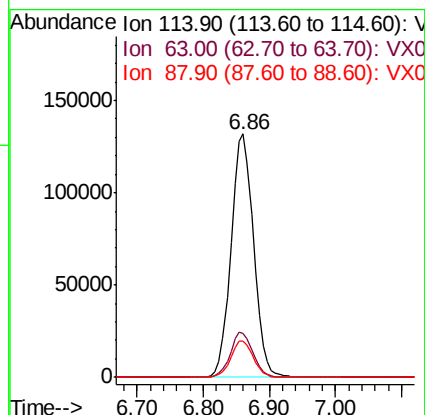
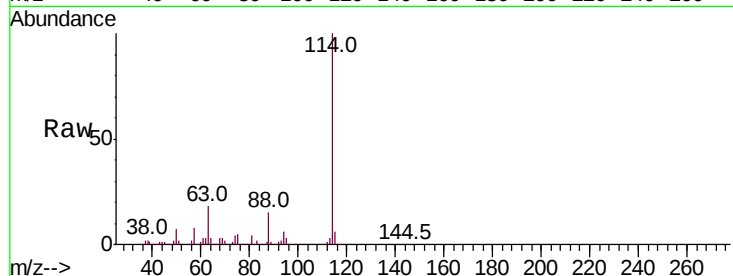




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011131.D
 Acq: 27 Jul 2019 08:10

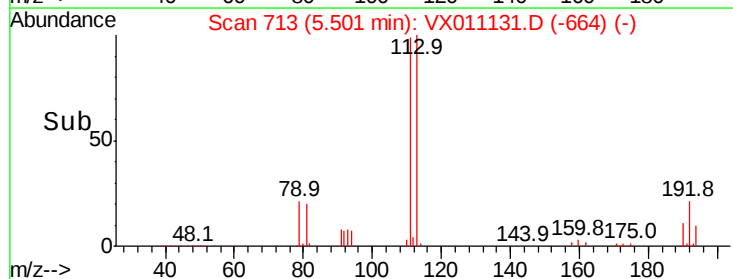
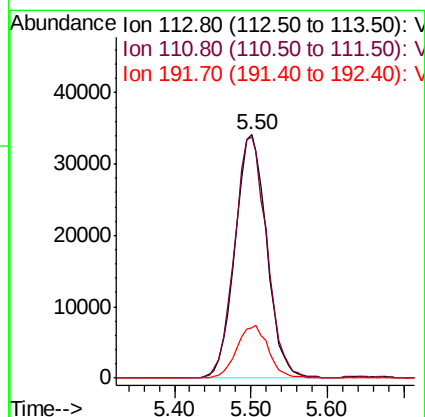
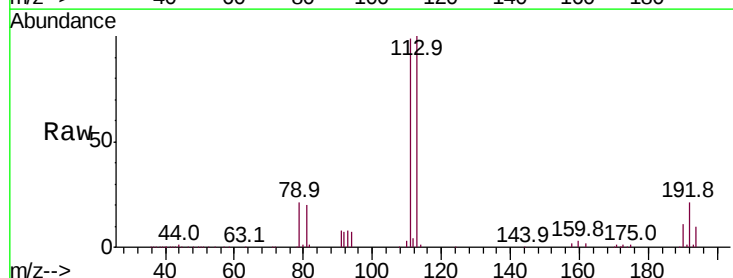
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-072519-B

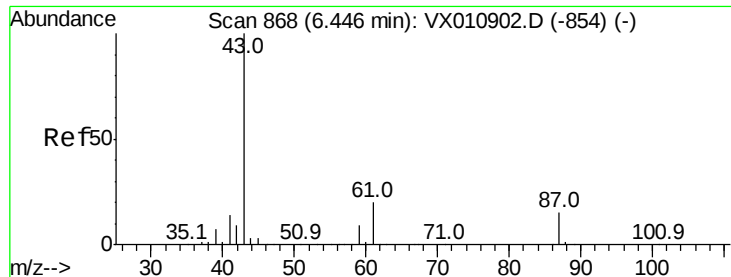
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	15.0	0.0	29.8



#35
 Dibromofluoromethane
 Concen: 49.638 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011131.D
 Acq: 27 Jul 2019 08:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.3	123.5
192	21.7	17.4	26.2





#43

Isopropyl Acetate

Concen: 2.569 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011131.D

Acq: 27 Jul 2019 08:10

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-B

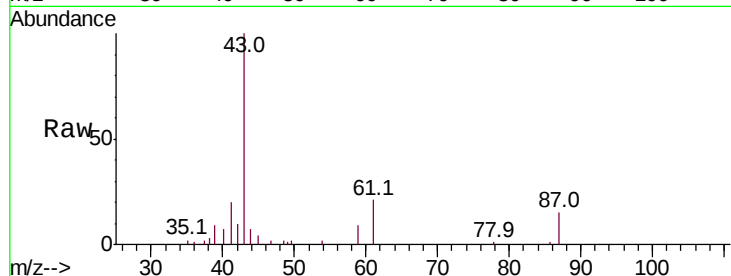
Tot Ion: 43 Resp: 11023

Ion Ratio Lower Upper

43 100

61 23.2 17.1 25.7

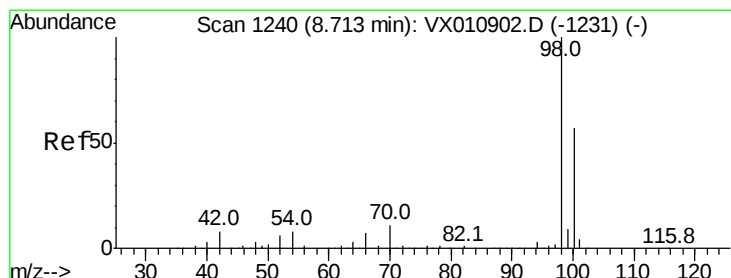
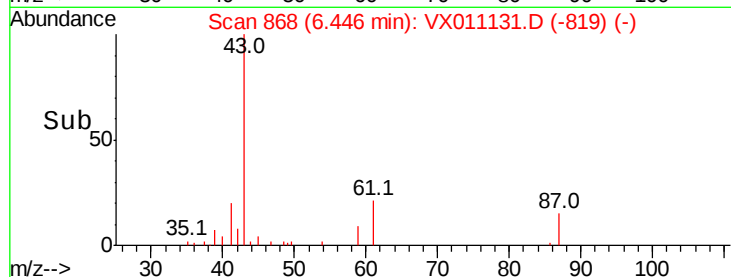
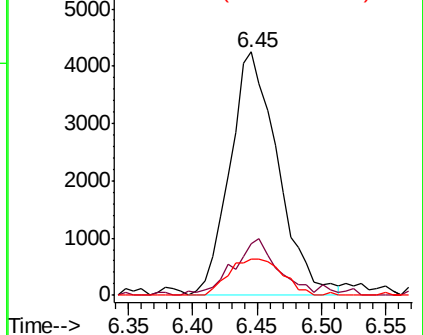
87 16.8 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.625 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011131.D

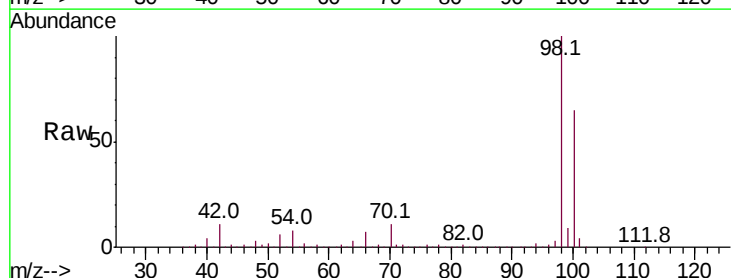
Acq: 27 Jul 2019 08:10

Tgt Ion: 98 Resp: 381263

Ion Ratio Lower Upper

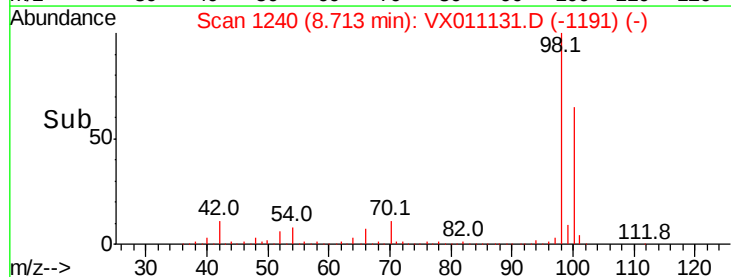
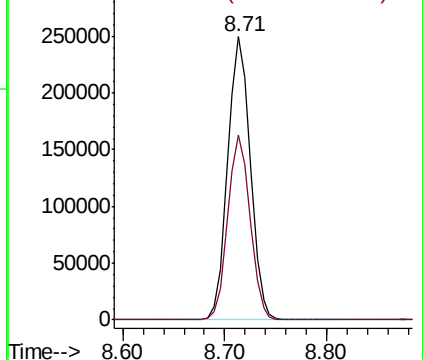
98 100

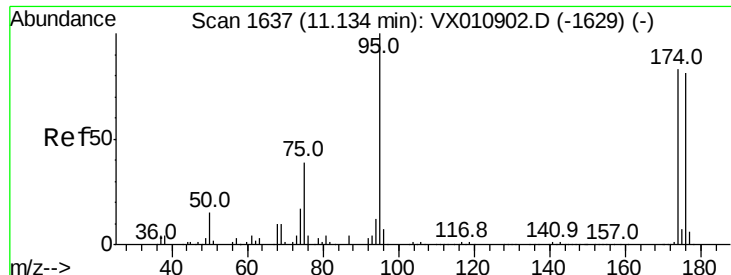
100 64.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011131.D

Acq: 27 Jul 2019 08:10

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-B

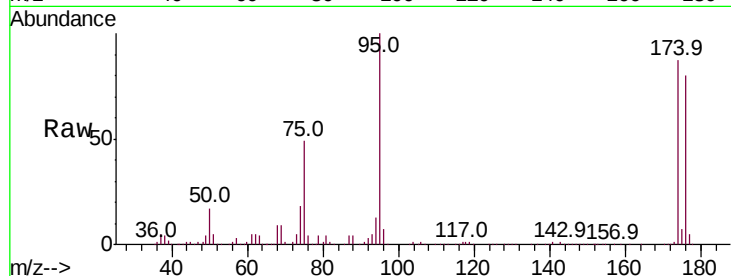
Tot Ion: 95 Resp: 135886

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.6

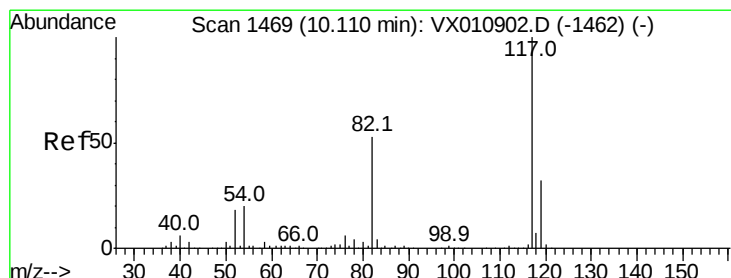
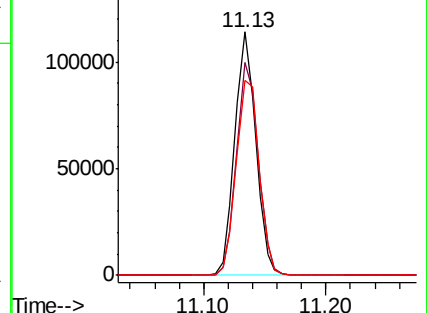
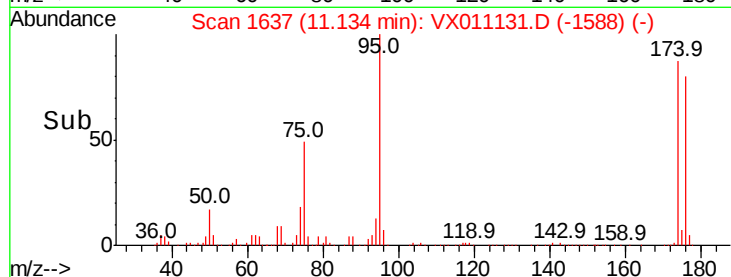
176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011131.D

Acq: 27 Jul 2019 08:10

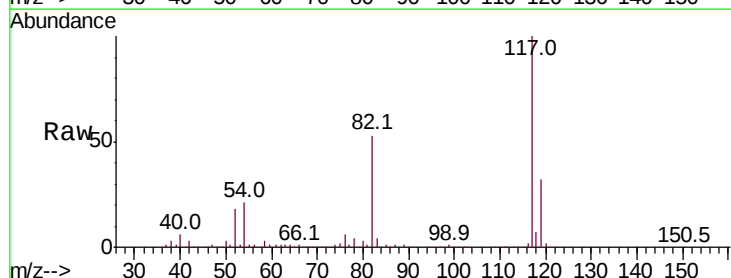
Tgt Ion: 117 Resp: 299649

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

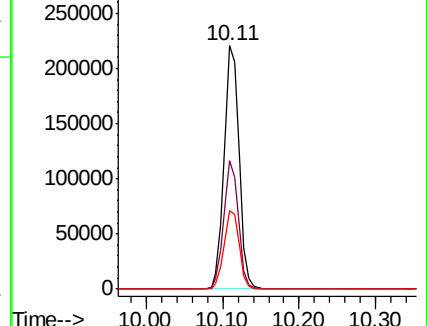
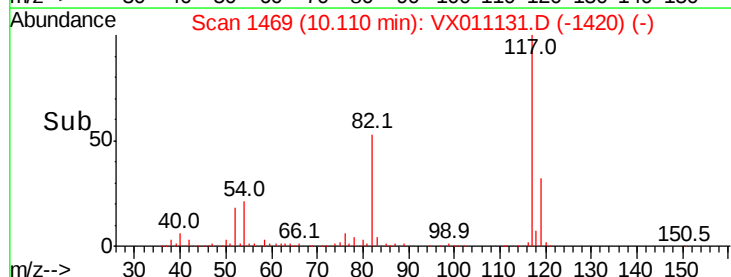
119 32.3 25.9 38.9

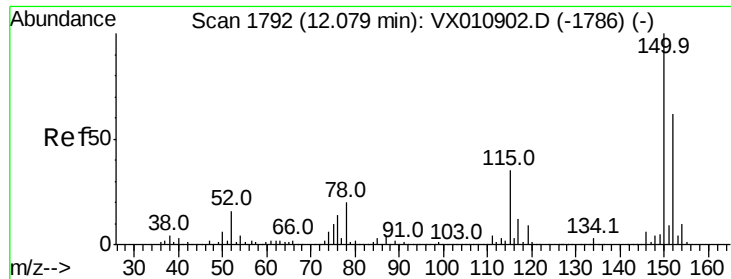


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011131.D

Acq: 27 Jul 2019 08:10

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-B

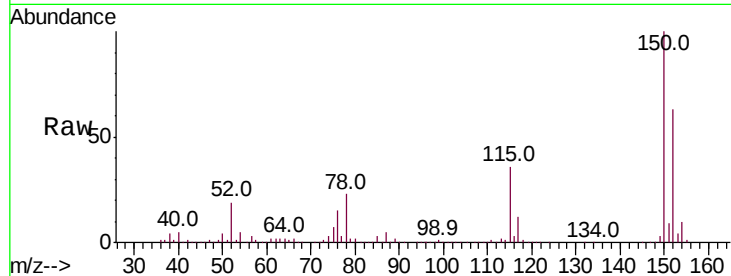
Tot Ion:152 Resp: 142990

Ion Ratio Lower Upper

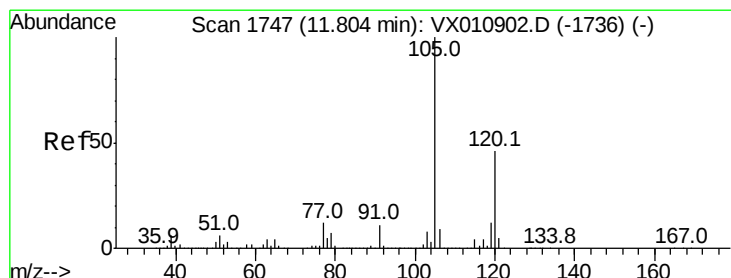
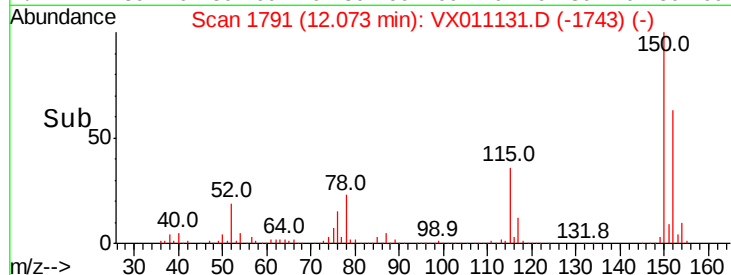
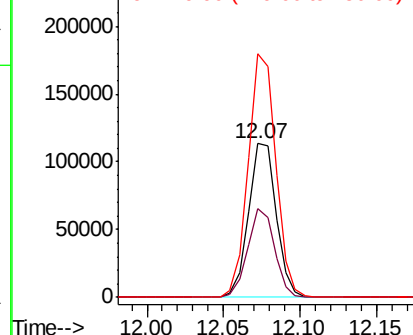
152 100

115 55.8 39.7 119.1

150 157.3 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



#84

1,2,4-Trimethylbenzene

Concen: 1.140 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011131.D

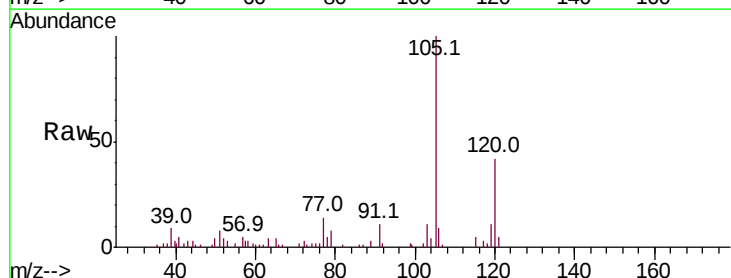
Acq: 27 Jul 2019 08:10

Tgt Ion:105 Resp: 9274

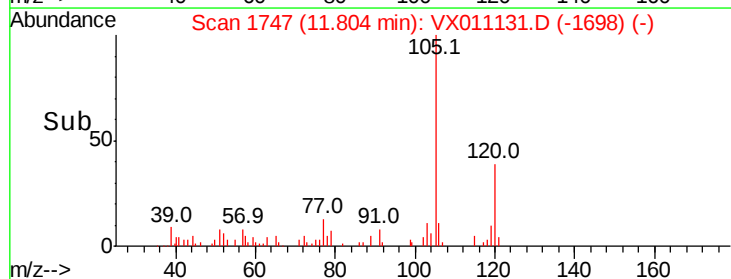
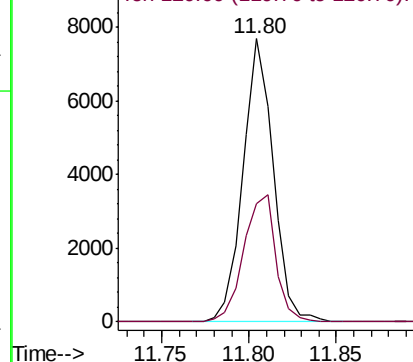
Ion Ratio Lower Upper

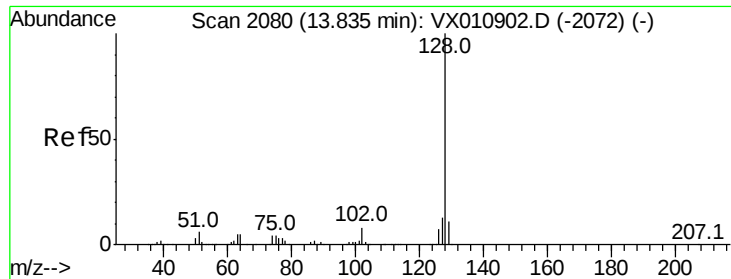
105 100

120 47.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 19.300 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011131.D
 Acq: 27 Jul 2019 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-072519-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.8	8.9	13.3

