

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011127.D
 Acq On : 27 Jul 2019 06:37
 Operator : JC/SP
 Sample : K3626-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

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

Quant Time: Jul 29 02:12:38 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

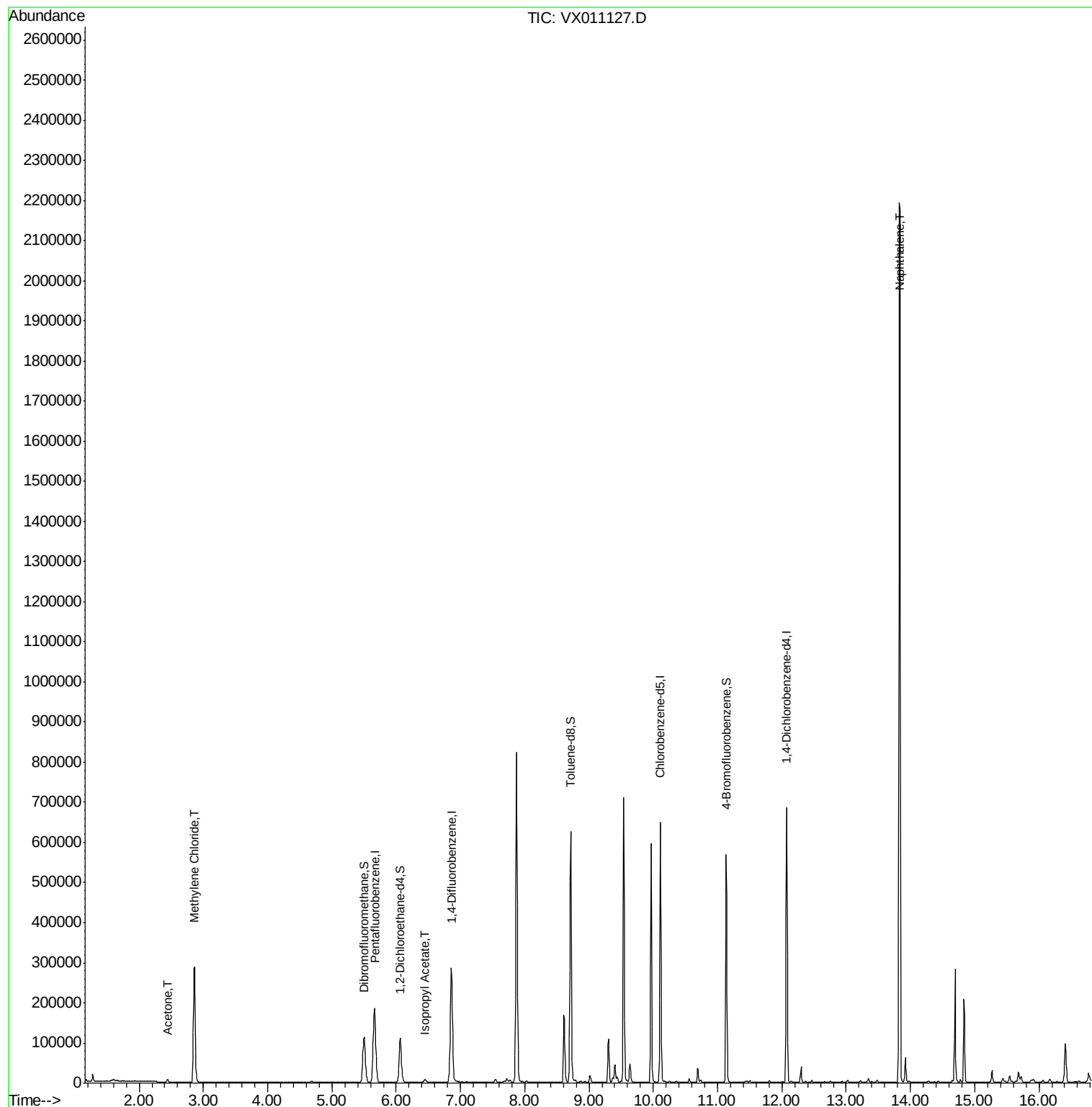
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103152	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	94148	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	373198	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.13	95	132202	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
16) Acetone	2.45	43	8438	9.477	ug/l	95
20) Methylene Chloride	2.86	84	143139	75.862	ug/l	99
43) Isopropyl Acetate	6.45	43	10136	2.435	ug/l	97
95) Naphthalene	13.83	128	1412291	157.024	ug/l	100

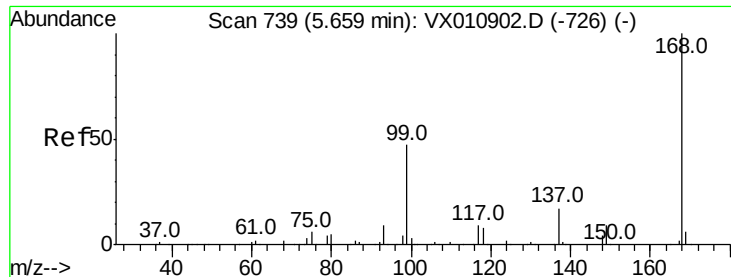
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

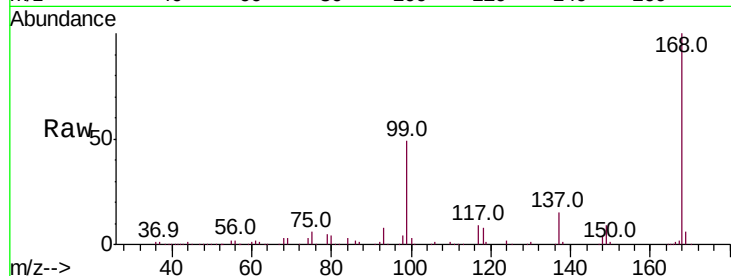
SU-01-072519-A

Tot Ion:168 Resp: 185302

Ion Ratio Lower Upper

168 100

99 49.2 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

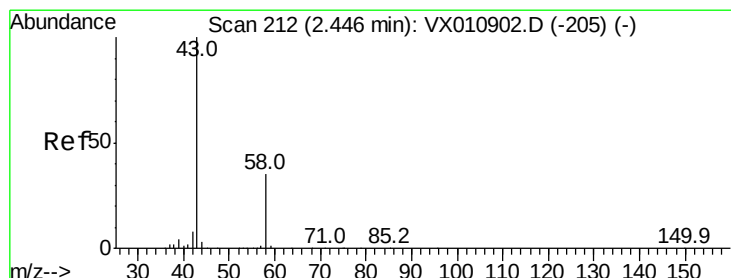
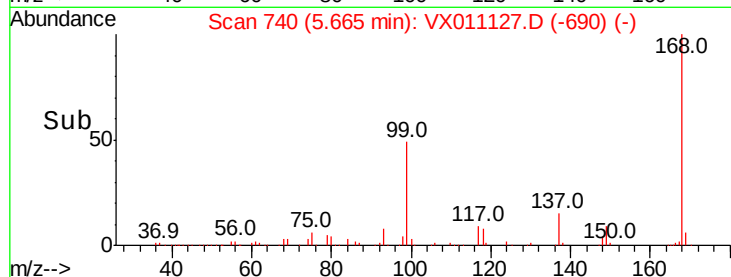
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.477 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011127.D

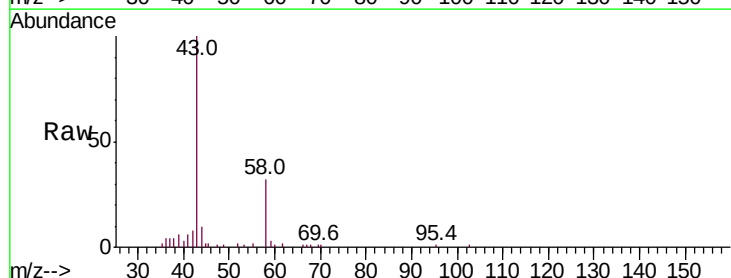
Acq: 27 Jul 2019 06:37

Tgt Ion: 43 Resp: 8438

Ion Ratio Lower Upper

43 100

58 32.0 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

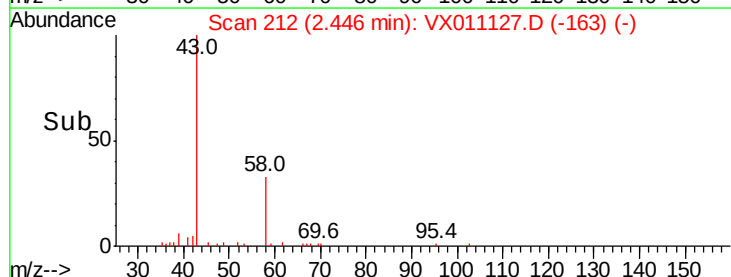
3000

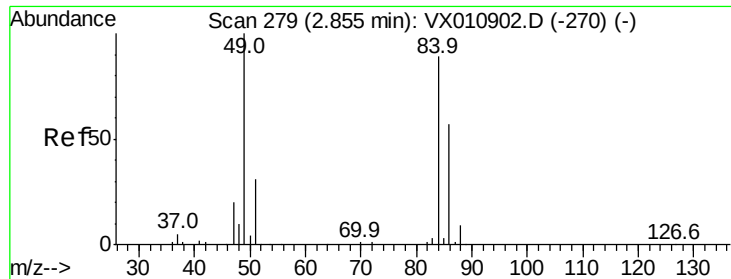
2000

1000

0

Time--> 2.40 2.45 2.50

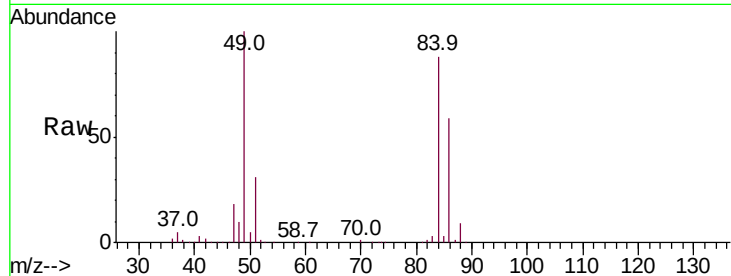




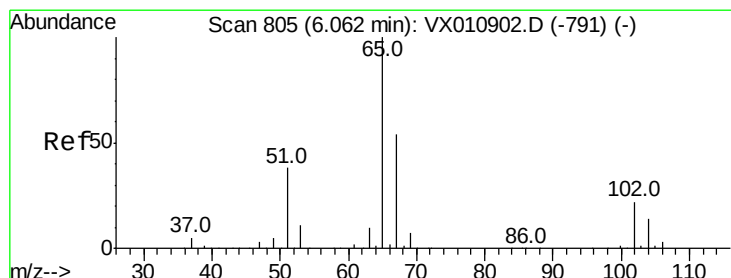
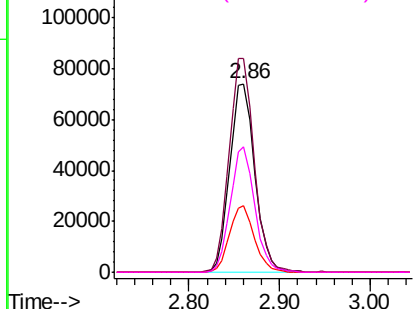
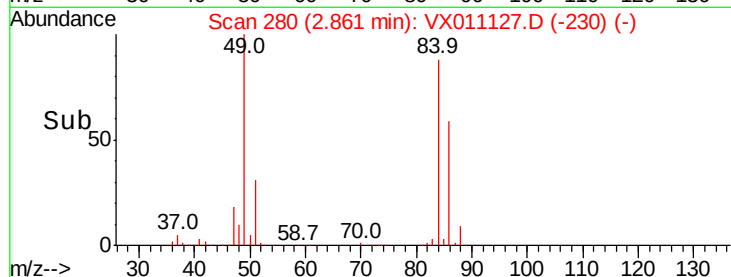
#20
Methylene Chloride
Concen: 75.862 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011127.D
Acq: 27 Jul 2019 06:37

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

Tot Ion: 84 Resp: 143139
Ion Ratio Lower Upper
84 100
49 113.1 89.9 134.9
51 35.0 27.8 41.6
86 66.6 51.8 77.6

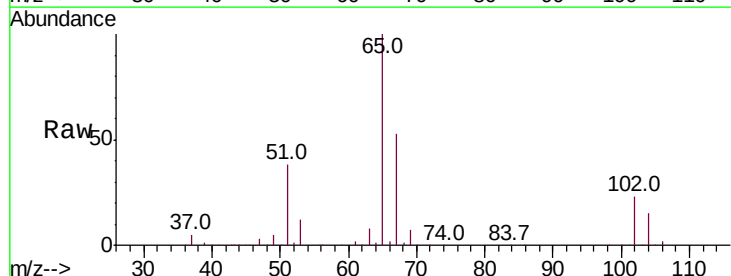


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

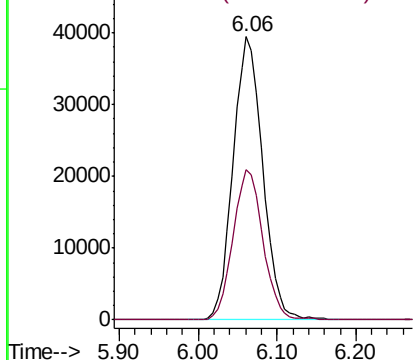
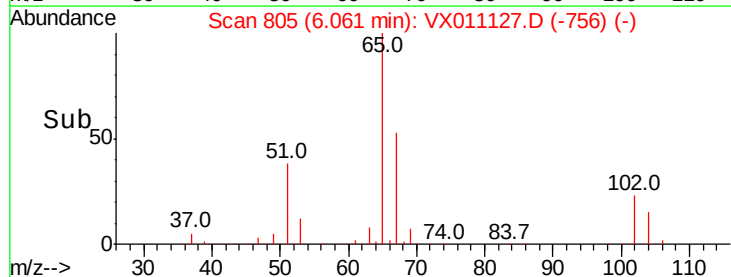


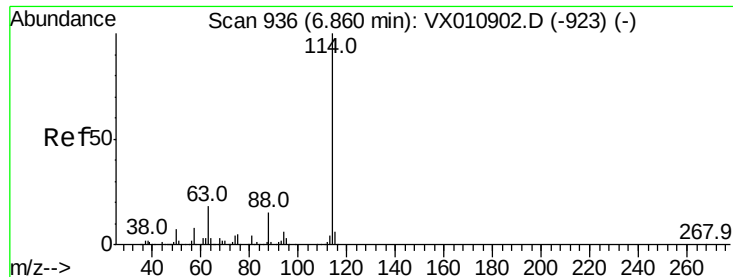
#33
1,2-Dichloroethane-d4
Concen: 52.326 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011127.D
Acq: 27 Jul 2019 06:37

Tgt Ion: 65 Resp: 103152
Ion Ratio Lower Upper
65 100
67 53.7 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: VX011127.D

Acq: 27 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-A

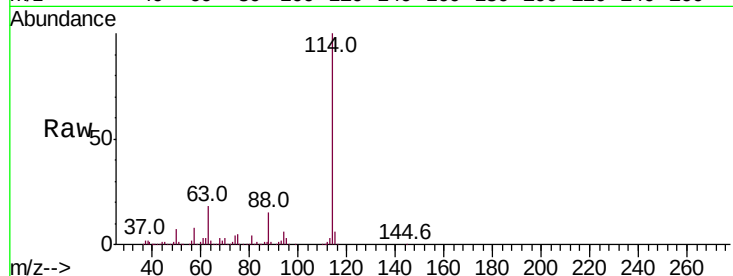
Tot Ion:114 Resp: 301041

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

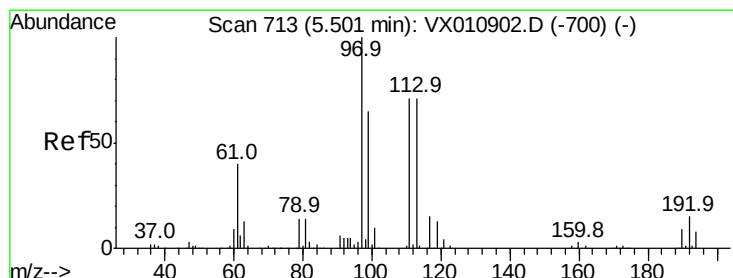
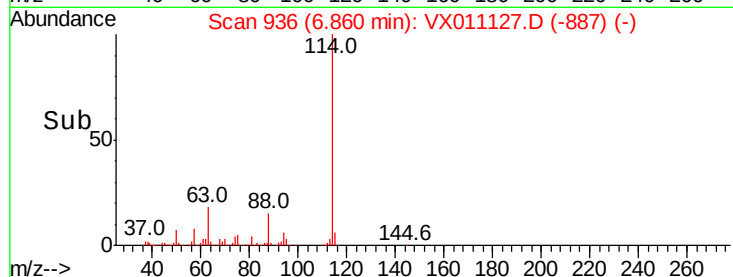
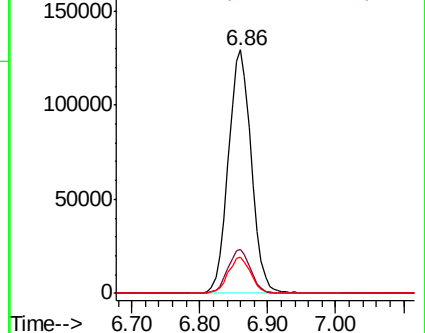
88 14.9 0.0 29.8



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: 49.272 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

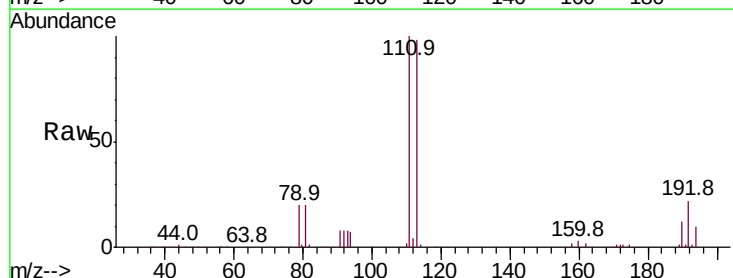
Tgt Ion:113 Resp: 94148

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

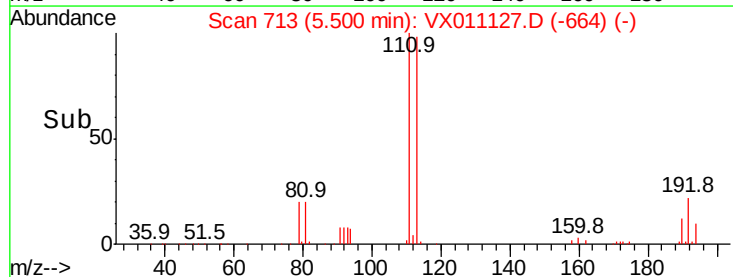
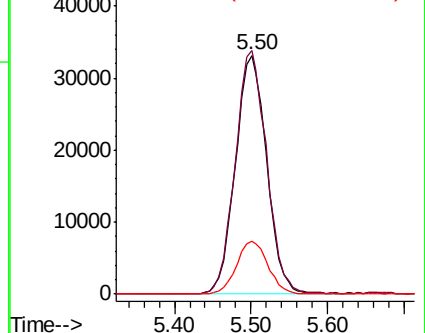
192 22.3 17.4 26.2

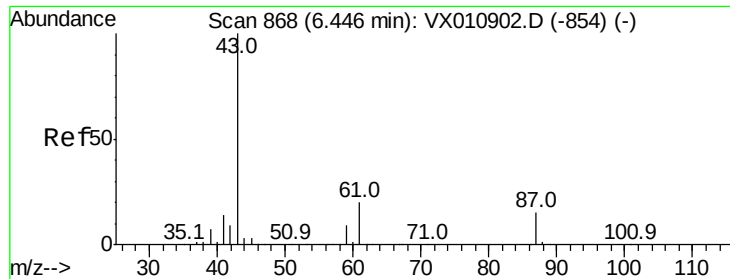


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.435 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-A

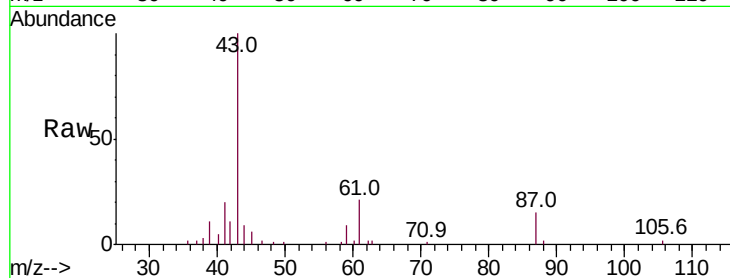
Tot Ion: 43 Resp: 10136

Ion Ratio Lower Upper

43 100

61 22.7 17.1 25.7

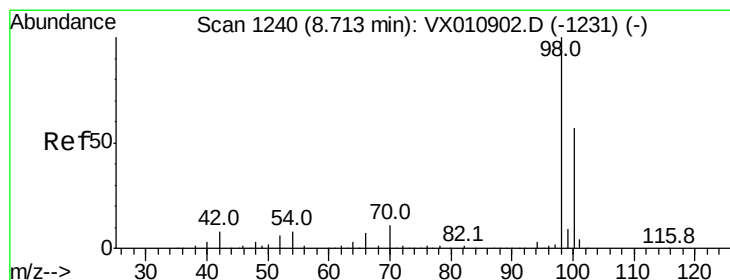
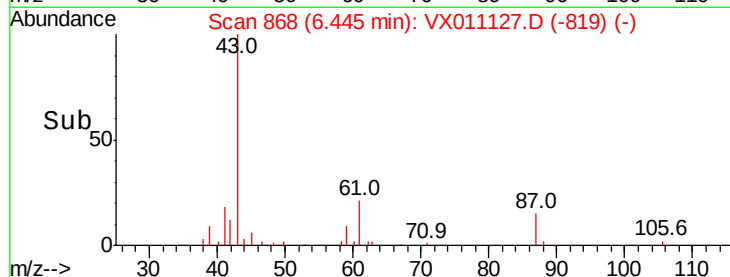
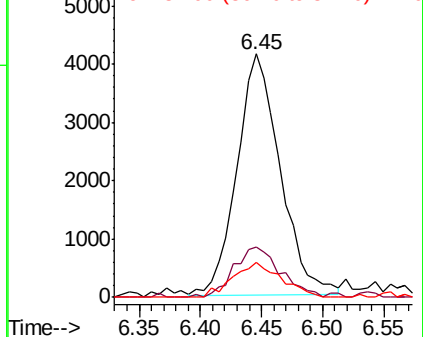
87 16.1 12.0 18.0



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: 52.075 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011127.D

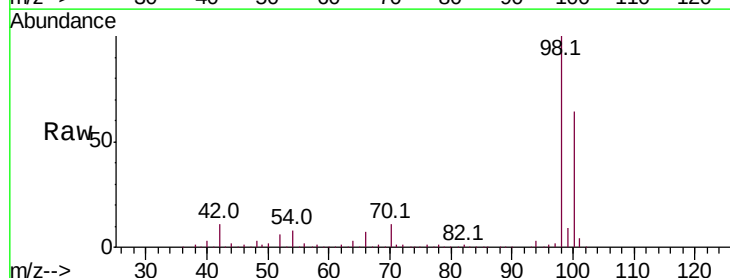
Acq: 27 Jul 2019 06:37

Tgt Ion: 98 Resp: 373198

Ion Ratio Lower Upper

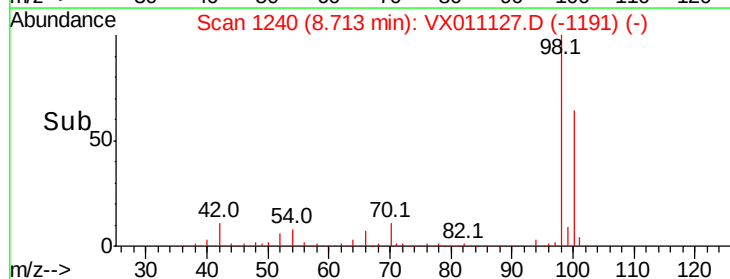
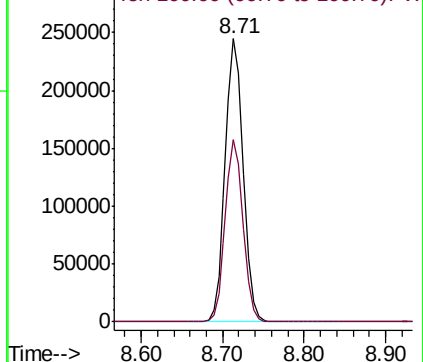
98 100

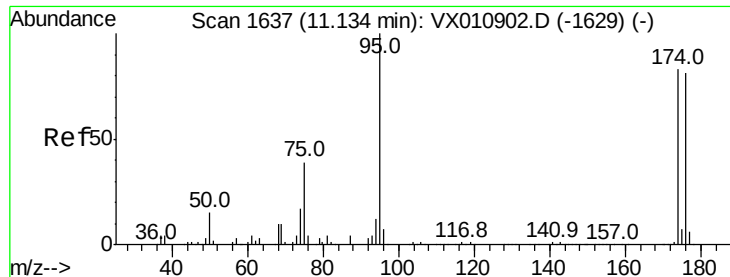
100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-A

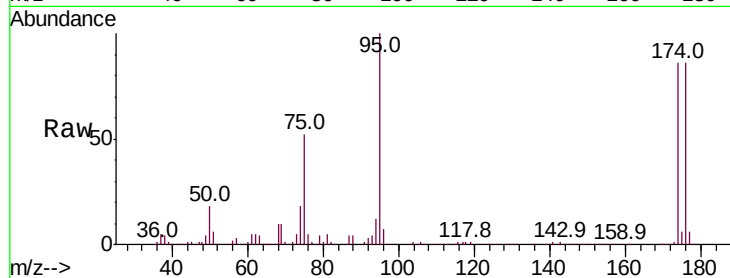
Tot Ion: 95 Resp: 132202

Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.6

176 89.9 0.0 173.8

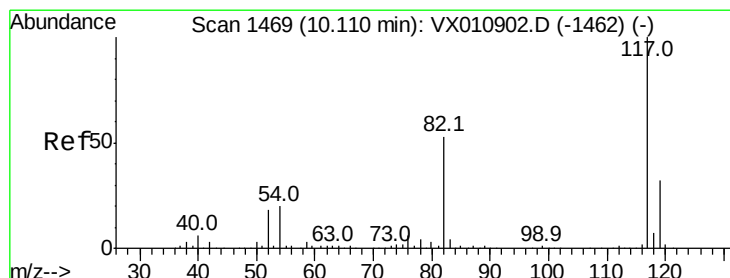
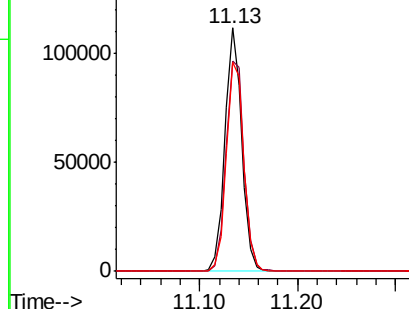
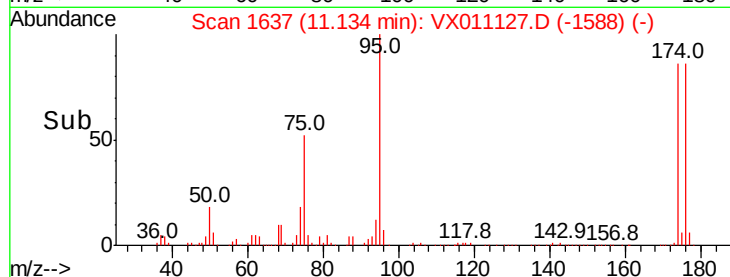


Abundance Ion 94.90 (94.60 to 95.60): VX011127.D (-1588) (-)

150000

Ion 173.80 (173.50 to 174.50): VX011127.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011127.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

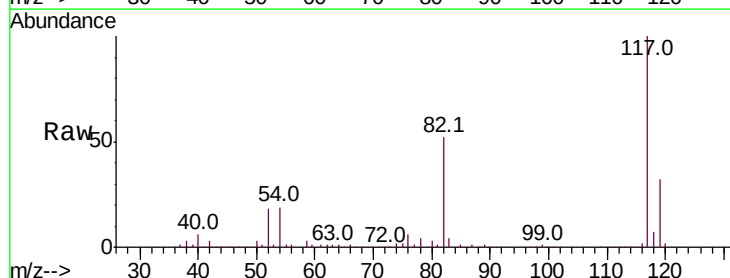
Tgt Ion: 117 Resp: 293894

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

119 32.2 25.9 38.9

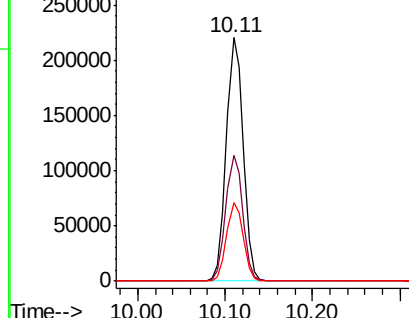
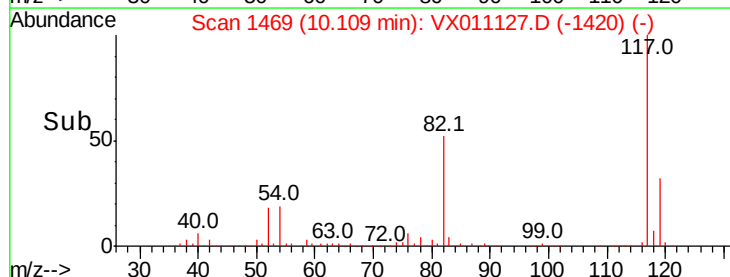


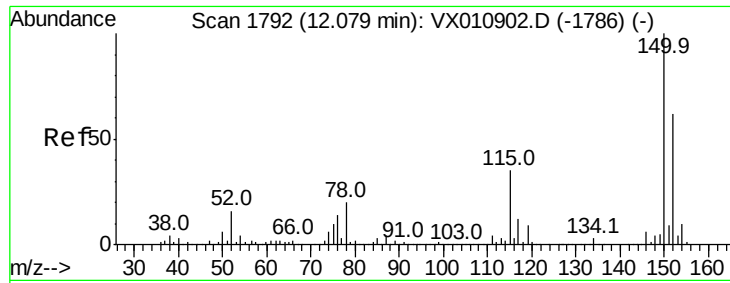
Abundance Ion 116.90 (116.60 to 117.60): VX011127.D (-1420) (-)

300000

Ion 82.00 (81.70 to 82.70): VX011127.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011127.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

SU-01-072519-A

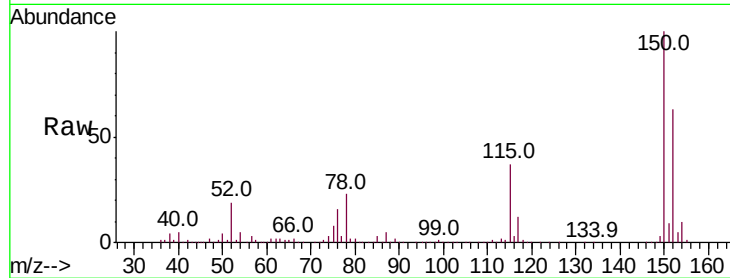
Tot Ion:152 Resp: 140200

Ion Ratio Lower Upper

152 100

115 56.5 39.7 119.1

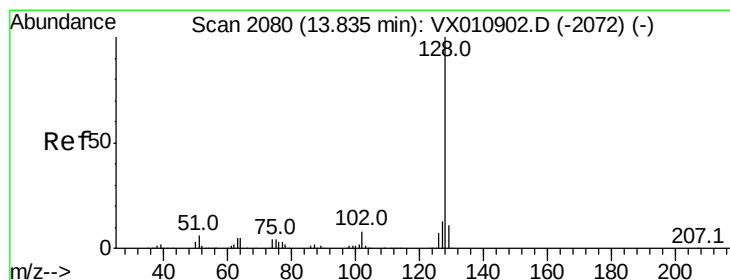
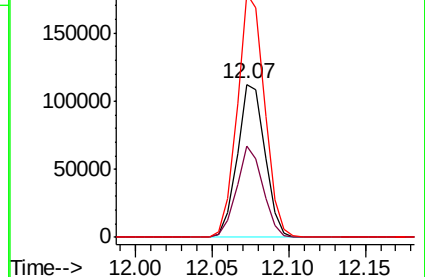
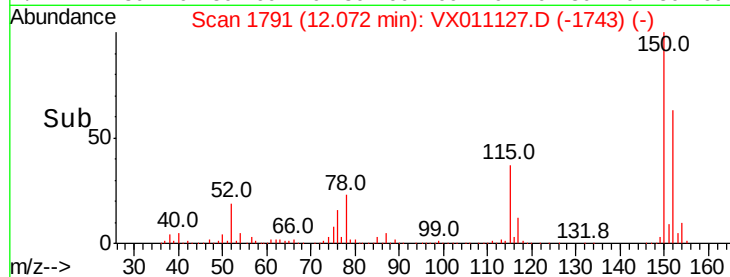
150 157.6 0.0 345.6



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



#95

Naphthalene

Concen: 157.024 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011127.D

Acq: 27 Jul 2019 06:37

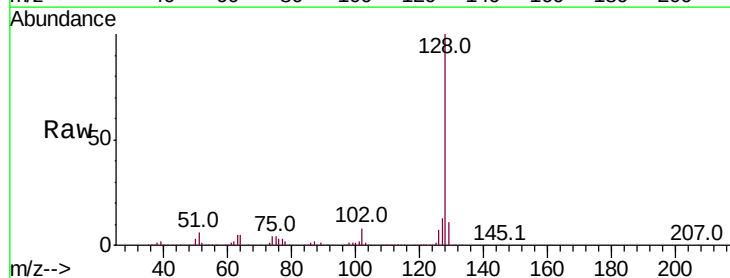
Tgt Ion:128 Resp: 1412291

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 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

