

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012328.D
 Acq On : 12 Sep 2019 04:10
 Operator : SY/SP
 Sample : K4694-12
 Misc : 3.63g/5.0mL/MSVOA X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-1-(1.5)

Quant Time: Sep 12 07:17:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

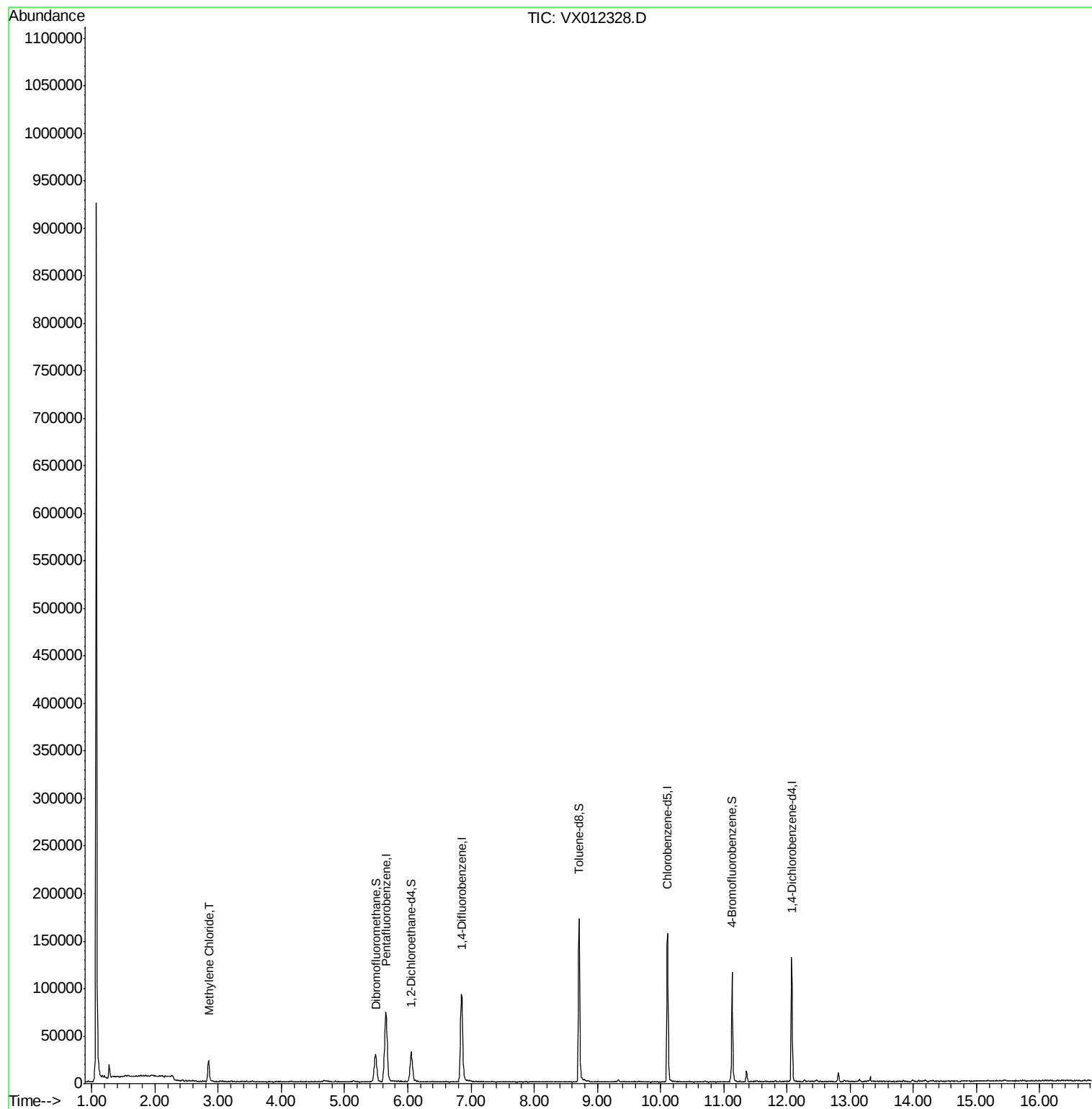
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	63247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	89345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	68890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	25034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	30165	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
35) Dibromofluoromethane	5.48	113	24651	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
50) Toluene-d8	8.71	98	102613	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	32459	34.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.70%	
Target Compounds						
20) Methylene Chloride	2.85	84	10139	13.425	ug/l	Qvalue 97

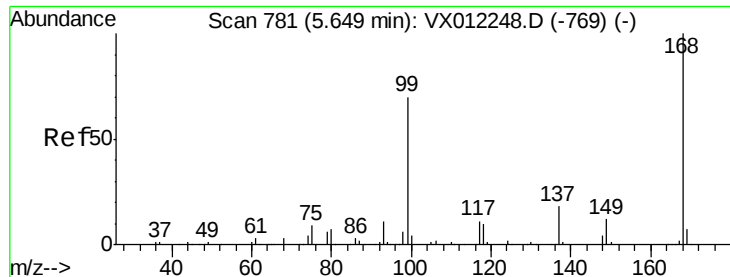
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

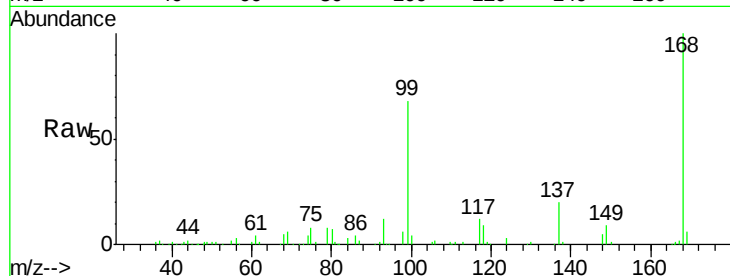
T2-1-(1.5)

Tot Ion:168 Resp: 63247

Ion Ratio Lower Upper

168 100

99 68.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

15000

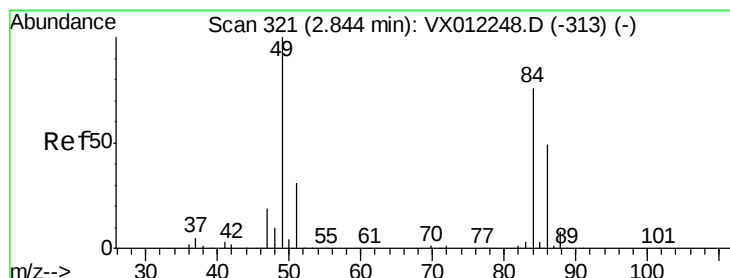
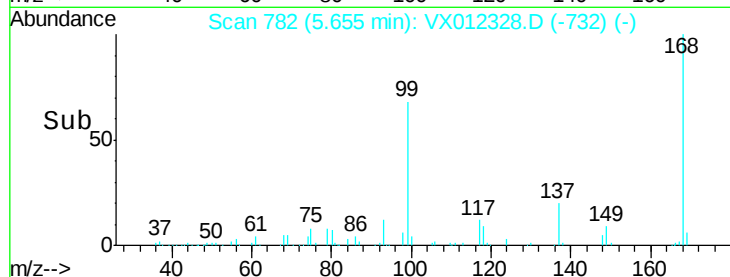
10000

5000

0

Time-->

5.60 5.70



#20

Methylene Chloride

Concen: 13.425 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

Tgt Ion: 84 Resp: 10139

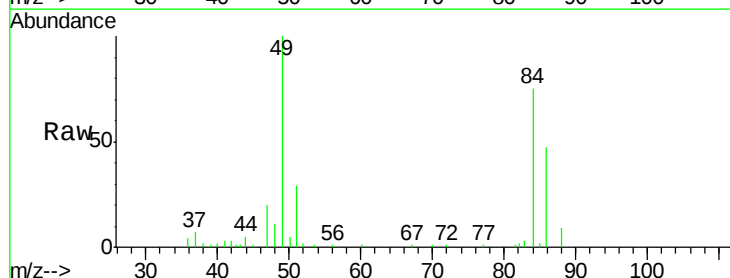
Ion Ratio Lower Upper

84 100

49 133.5 105.0 157.6

51 38.4 32.6 48.8

86 62.1 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

10000

8000

6000

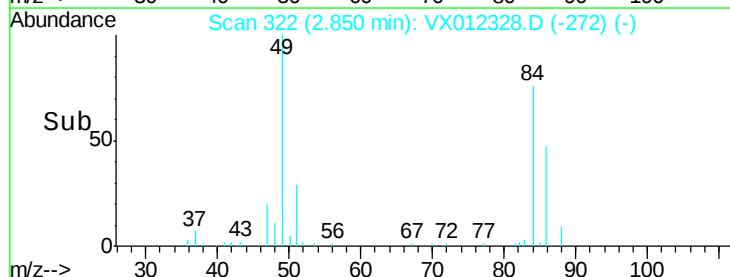
4000

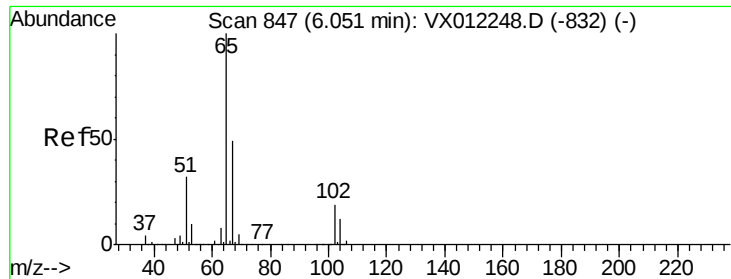
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 33.734 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

Instrument :

MSVOA_X

ClientSampled :

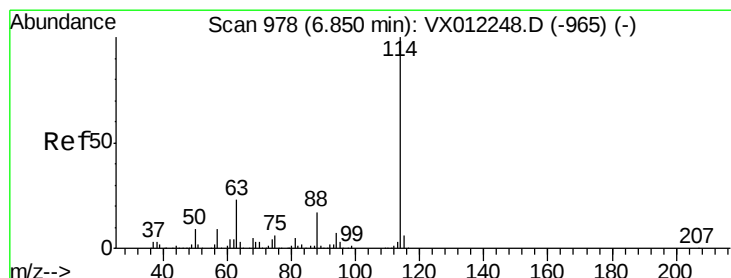
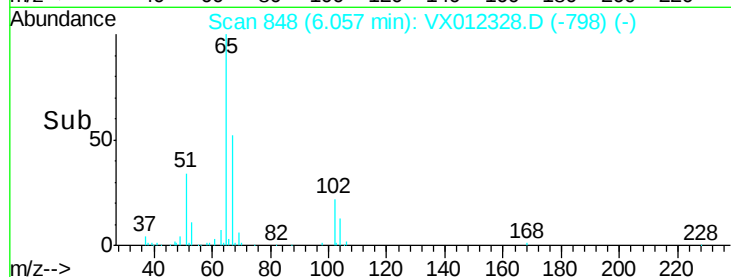
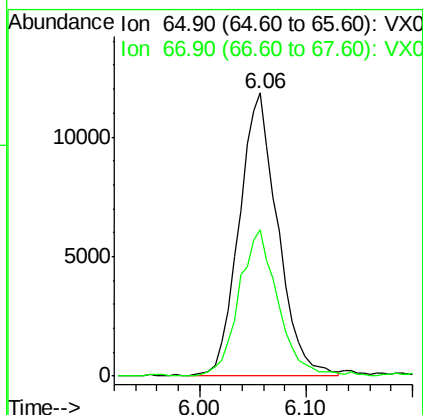
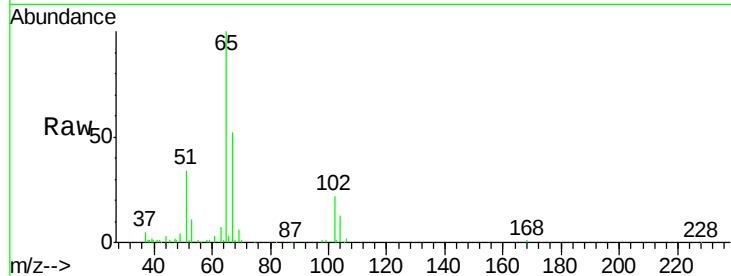
T2-1-(1.5)

Tot Ion: 65 Resp: 30165

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

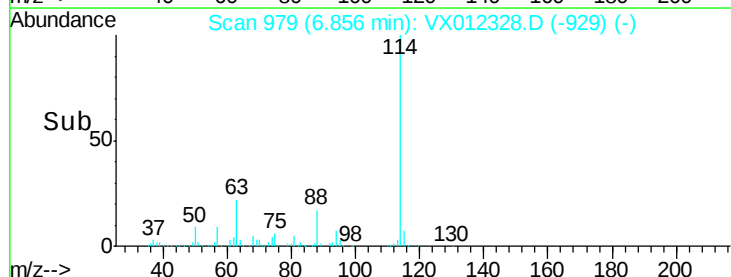
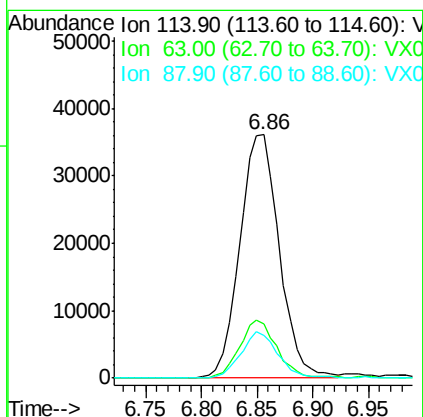
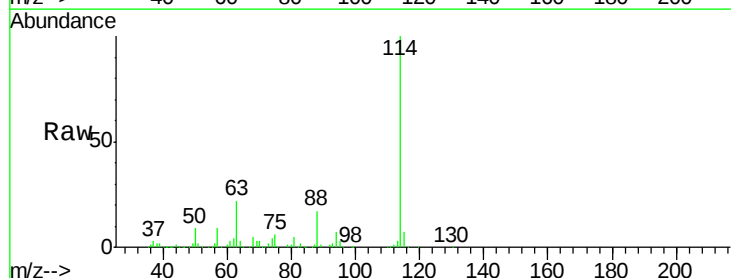
Tgt Ion: 114 Resp: 89345

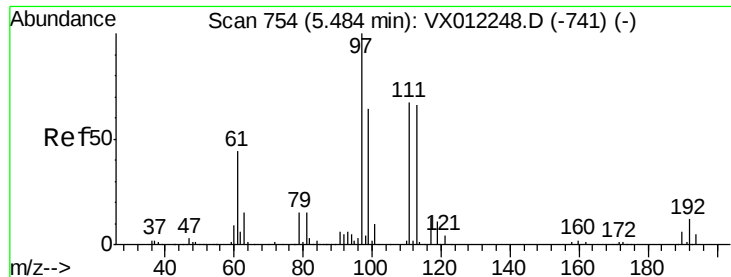
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

88 17.4 0.0 34.8

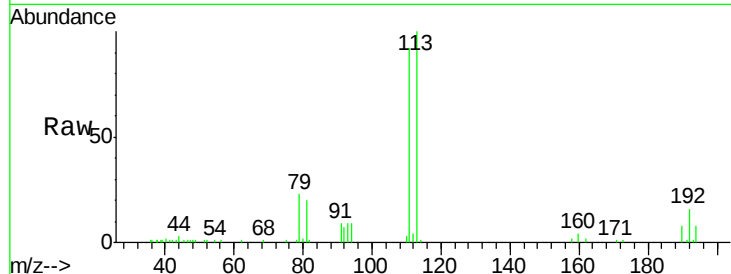




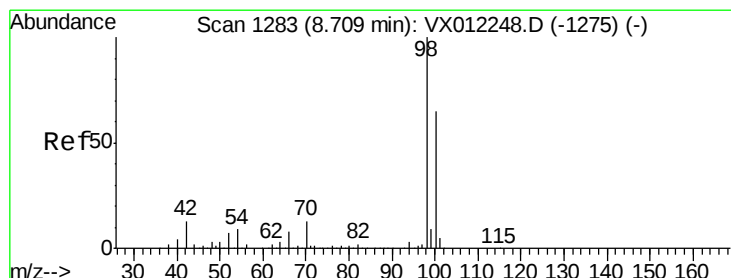
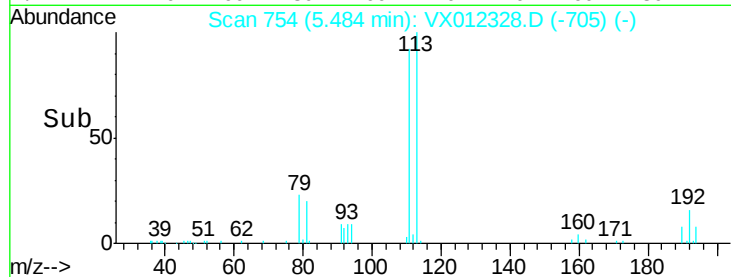
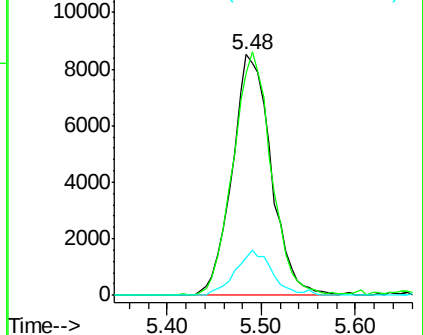
#35
 Dibromofluoromethane
 Concen: 43.040 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012328.D
 Acq: 12 Sep 2019 04:10

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-1-(1.5)

Tot Ion:113 Resp: 24651
 Ion Ratio Lower Upper
 113 100
 111 99.2 83.0 124.6
 192 17.4 14.3 21.5

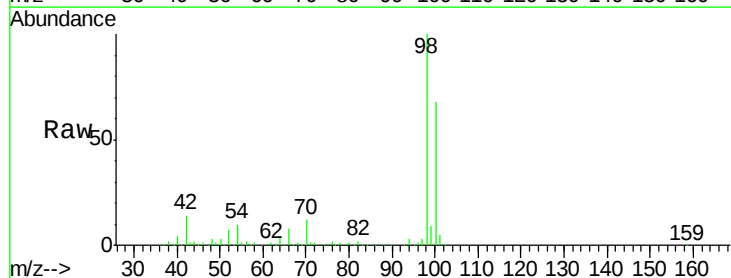


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

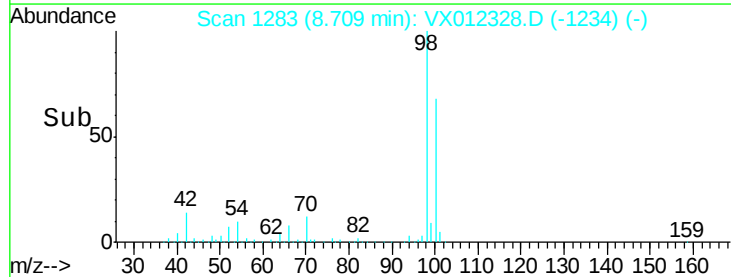
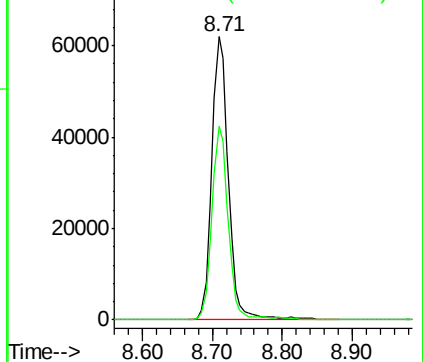


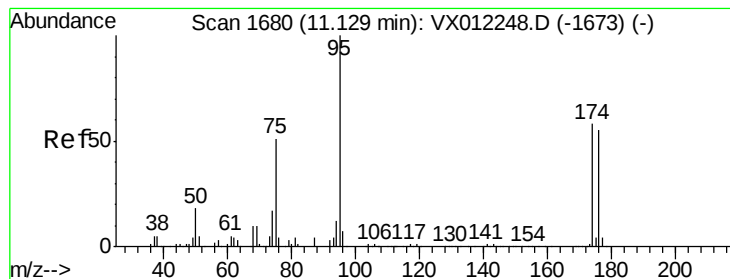
#50
 Toluene-d8
 Concen: 51.082 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012328.D
 Acq: 12 Sep 2019 04:10

Tgt Ion: 98 Resp: 102613
 Ion Ratio Lower Upper
 98 100
 100 66.8 54.1 81.1



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





#62

4-Bromofluorobenzene

Concen: 34.854 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

T2-1-(1.5)

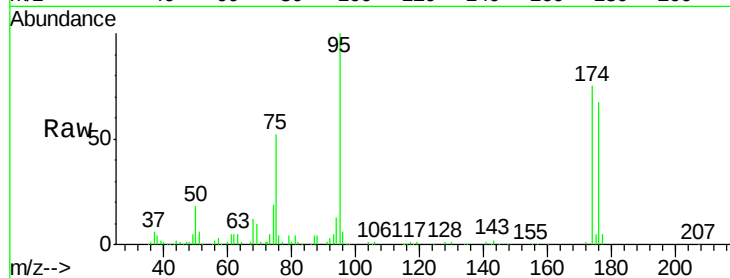
Tot Ion: 95 Resp: 32459

Ion Ratio Lower Upper

95 100

174 67.1 0.0 127.0

176 64.8 0.0 125.8

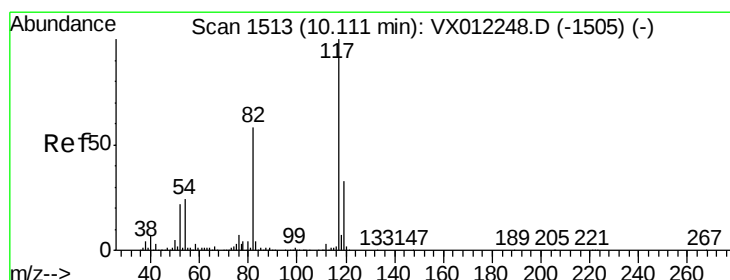
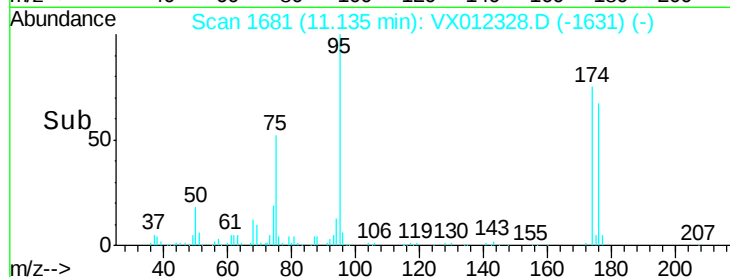


Abundance Ion 94.90 (94.60 to 95.60): VX012328.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012328.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012328.D (-1673) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

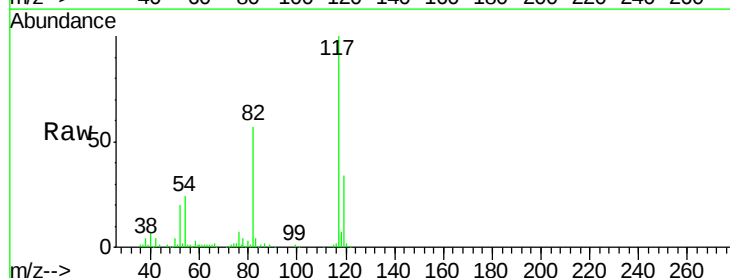
Tgt Ion: 117 Resp: 68890

Ion Ratio Lower Upper

117 100

82 56.6 46.4 69.6

119 34.1 26.6 39.8

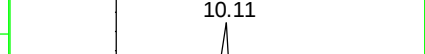
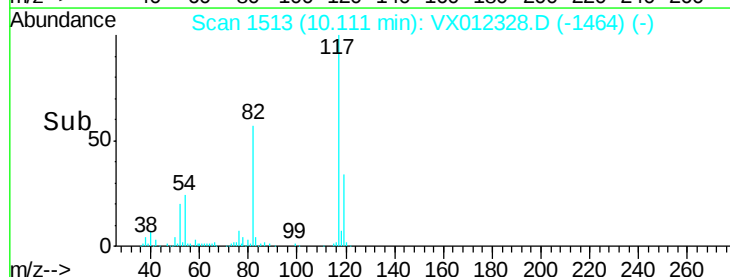


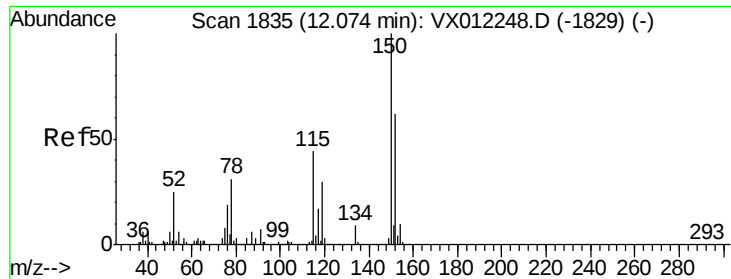
Abundance Ion 116.90 (116.60 to 117.60): VX012328.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012328.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012328.D (-1464) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012328.D

Acq: 12 Sep 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

T2-1-(1.5)

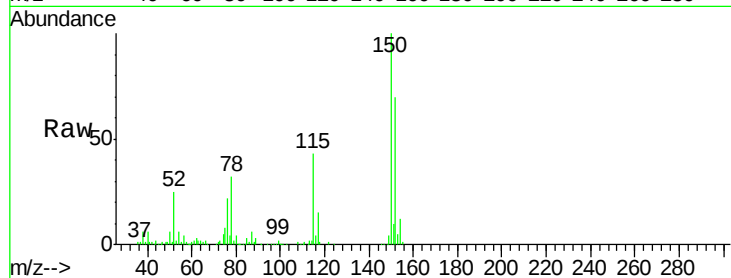
Tot Ion:152 Resp: 25034

Ion Ratio Lower Upper

152 100

115 62.6 45.5 136.4

150 150.8 0.0 346.4



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

