

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014531.D
 Acq On : 10 Jan 2020 12:52
 Operator : JC/SP
 Sample : L1066-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0679

Quant Time: Jan 10 13:33:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	506543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	779035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	701834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318065	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	277124	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	5.49	113	228781	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	917018	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	315702	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	

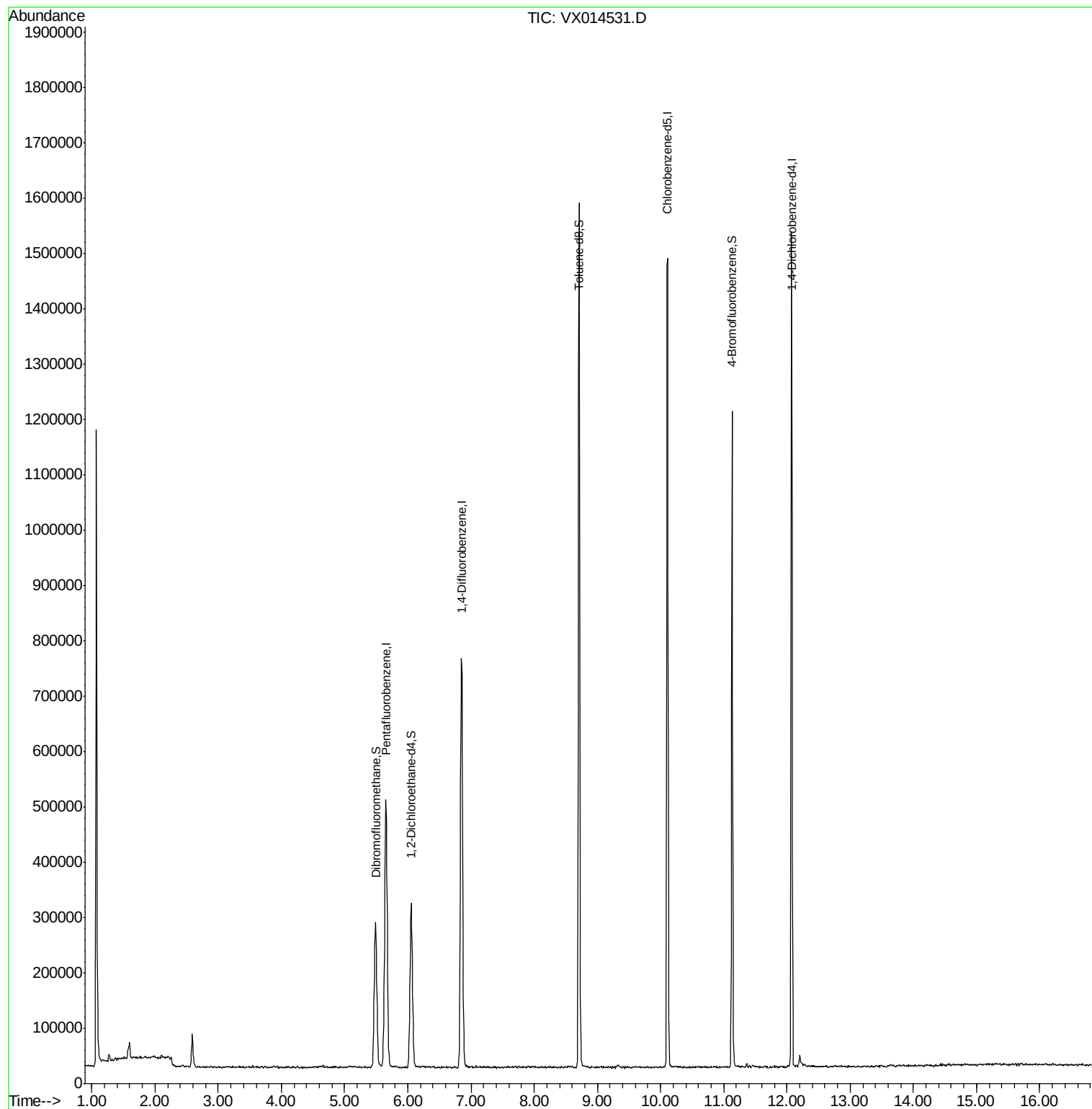
Target Compounds	Qvalue
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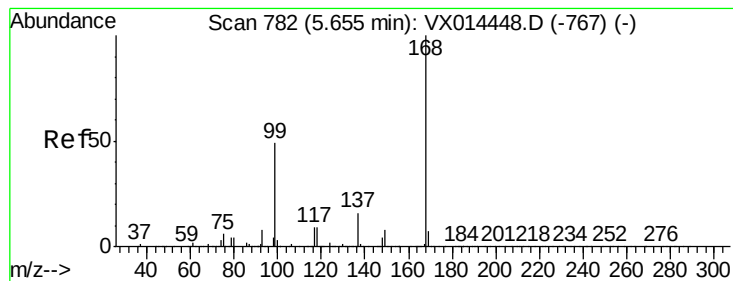
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014531.D

Acq: 10 Jan 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

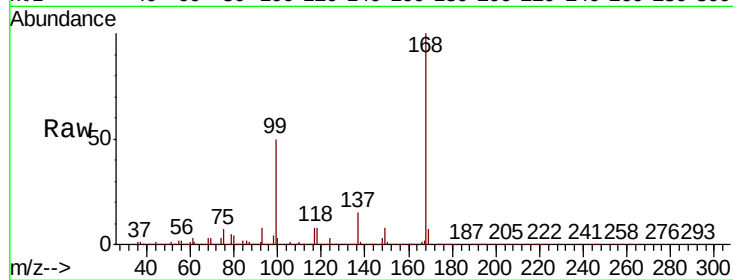
S32-0679

Tot Ion:168 Resp: 506543

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

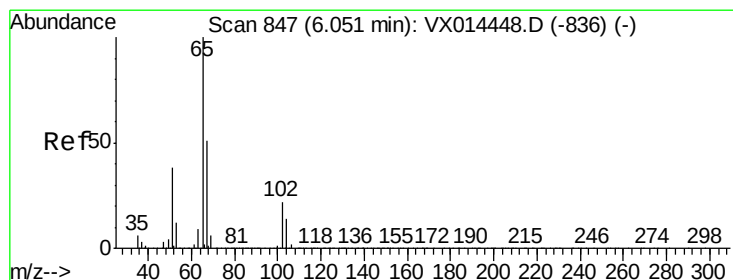
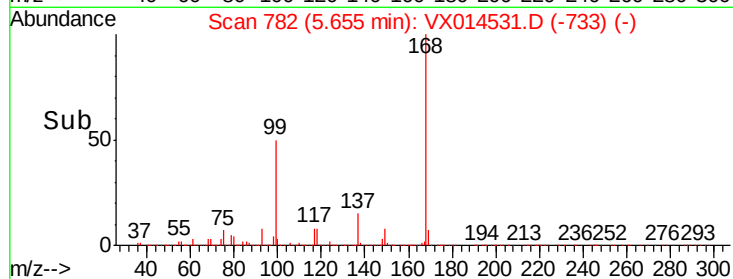
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.007 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014531.D

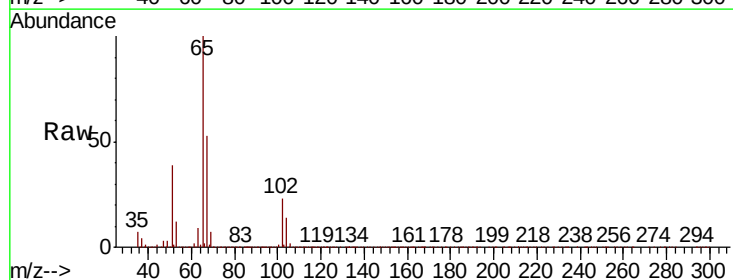
Acq: 10 Jan 2020 12:52

Tgt Ion: 65 Resp: 277124

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

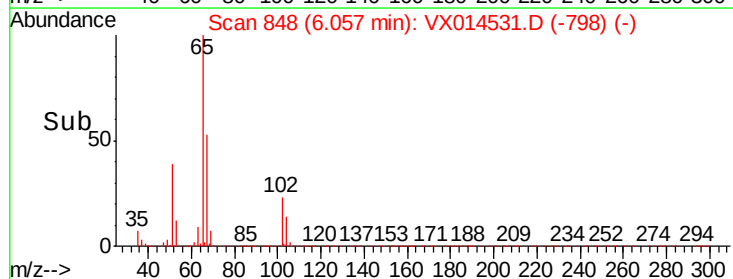
40000

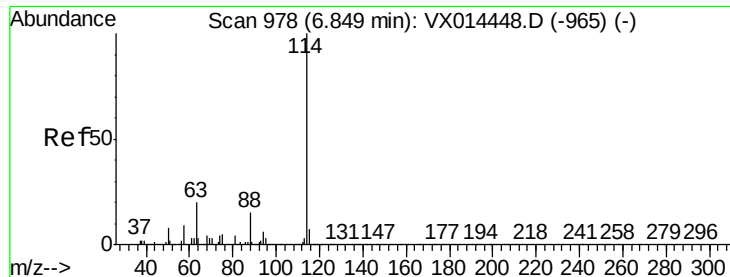
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014531.D

Acq: 10 Jan 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

S32-0679

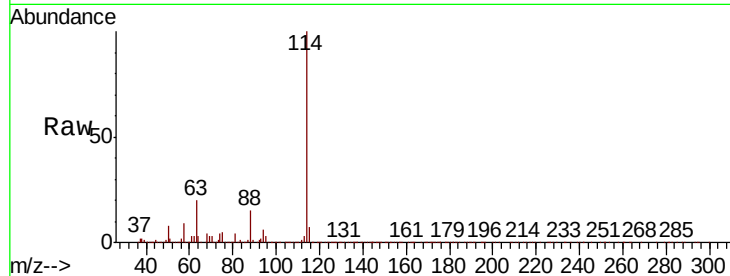
Tot Ion:114 Resp: 779035

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

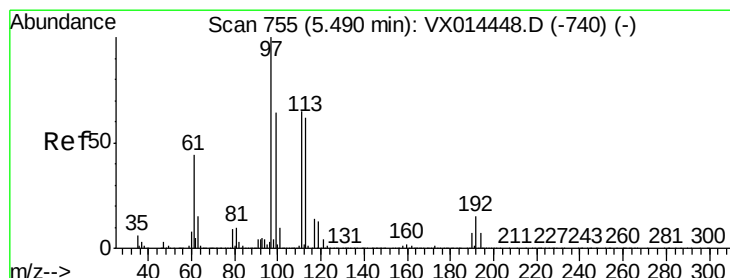
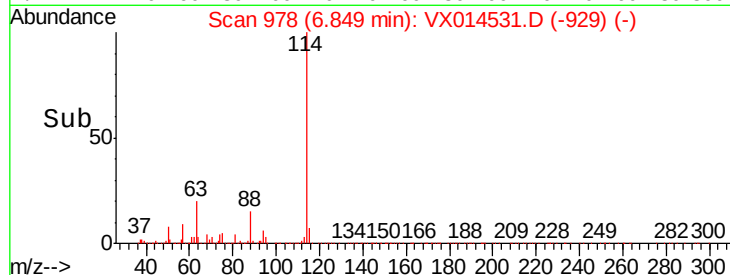
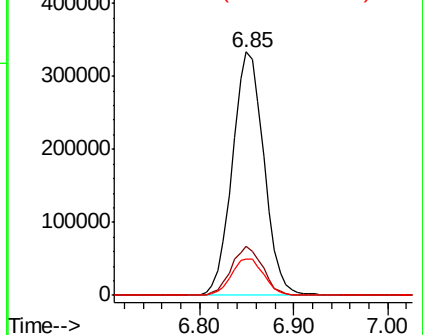
88 14.8 0.0 30.8



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: 48.513 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014531.D

Acq: 10 Jan 2020 12:52

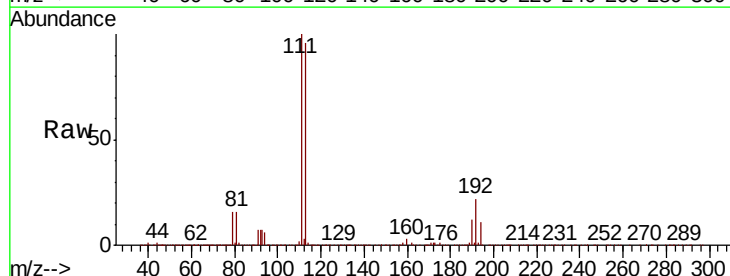
Tgt Ion:113 Resp: 228781

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

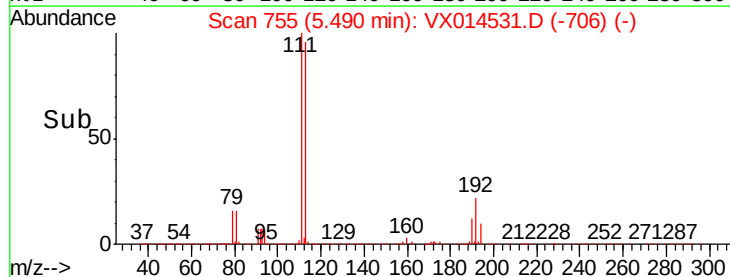
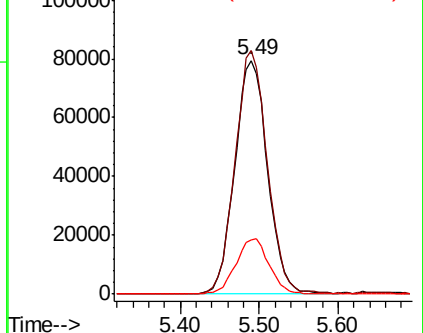
192 23.7 19.2 28.8

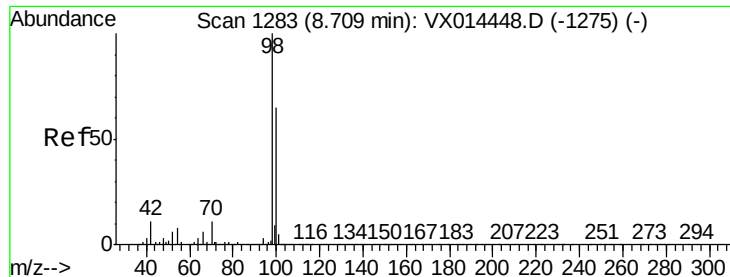


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.109 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014531.D

Acq: 10 Jan 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

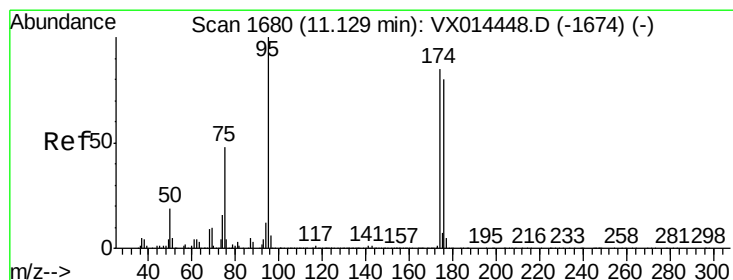
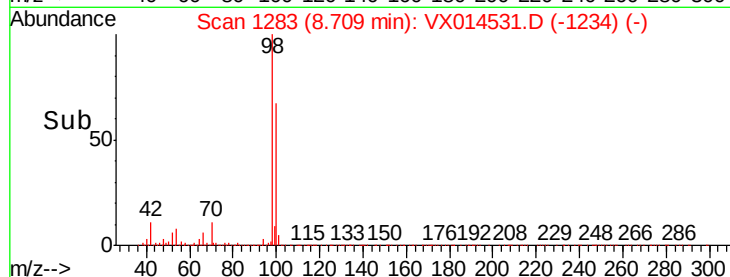
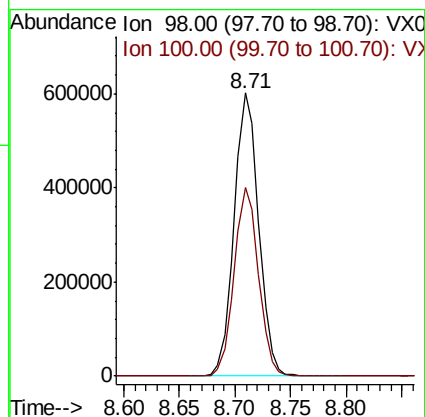
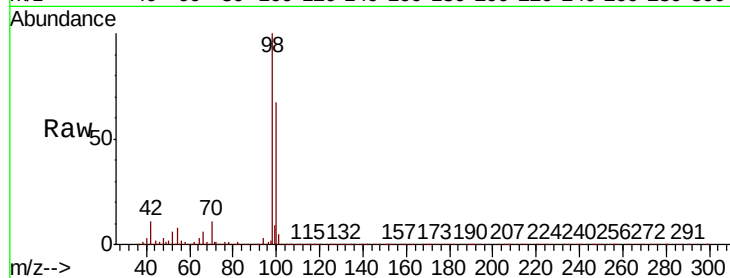
S32-0679

Tot Ion: 98 Resp: 917018

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.991 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014531.D

Acq: 10 Jan 2020 12:52

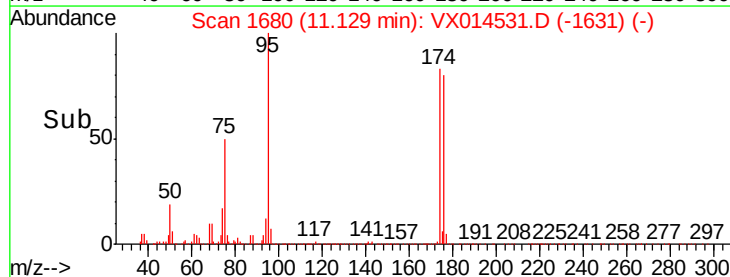
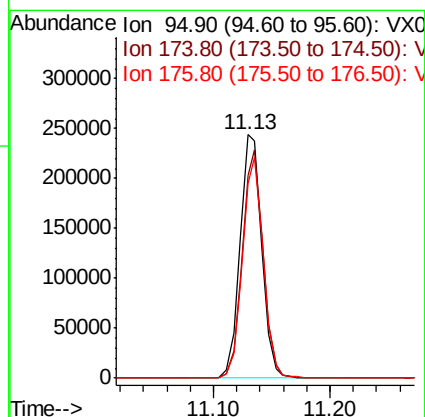
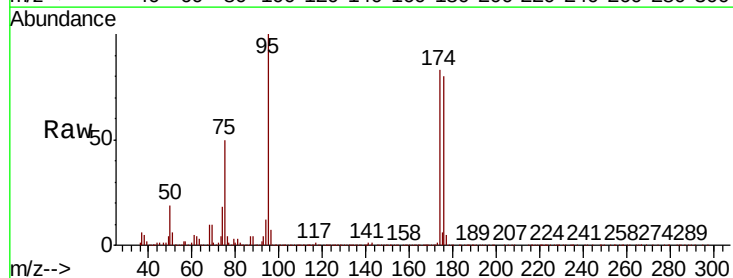
Tgt Ion: 95 Resp: 315702

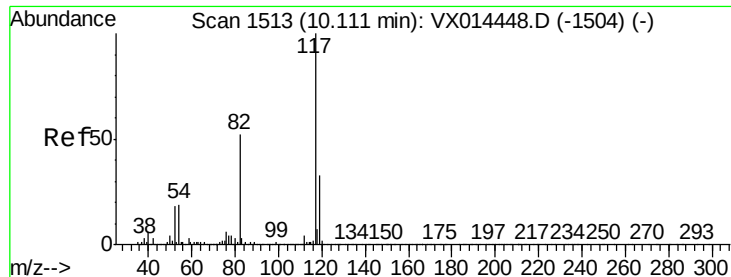
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

176 87.3 0.0 172.8

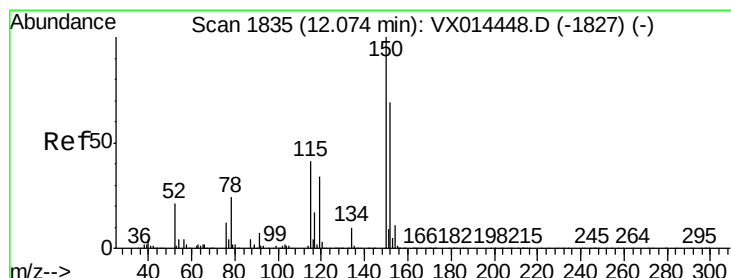
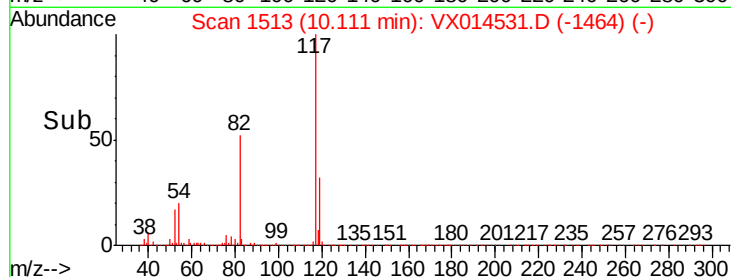
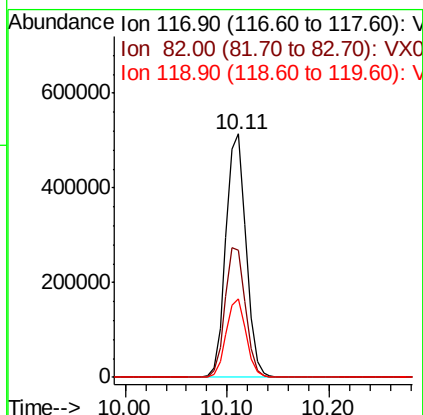
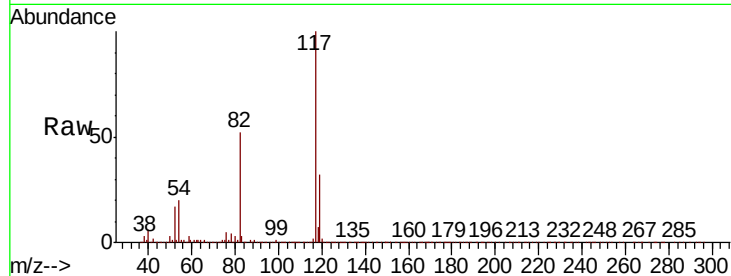




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014531.D
Acq: 10 Jan 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
S32-0679

Tot Ion:117 Resp: 701834
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014531.D
Acq: 10 Jan 2020 12:52

Tgt Ion:152 Resp: 318065
Ion Ratio Lower Upper
152 100
115 55.4 39.5 118.3
150 157.1 0.0 350.2

