

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011968.D
 Acq On : 01 Sep 2019 00:16
 Operator : SY/SP
 Sample : K4526-10
 Misc : 4.84g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F1-(1.9)

Quant Time: Sep 01 03:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

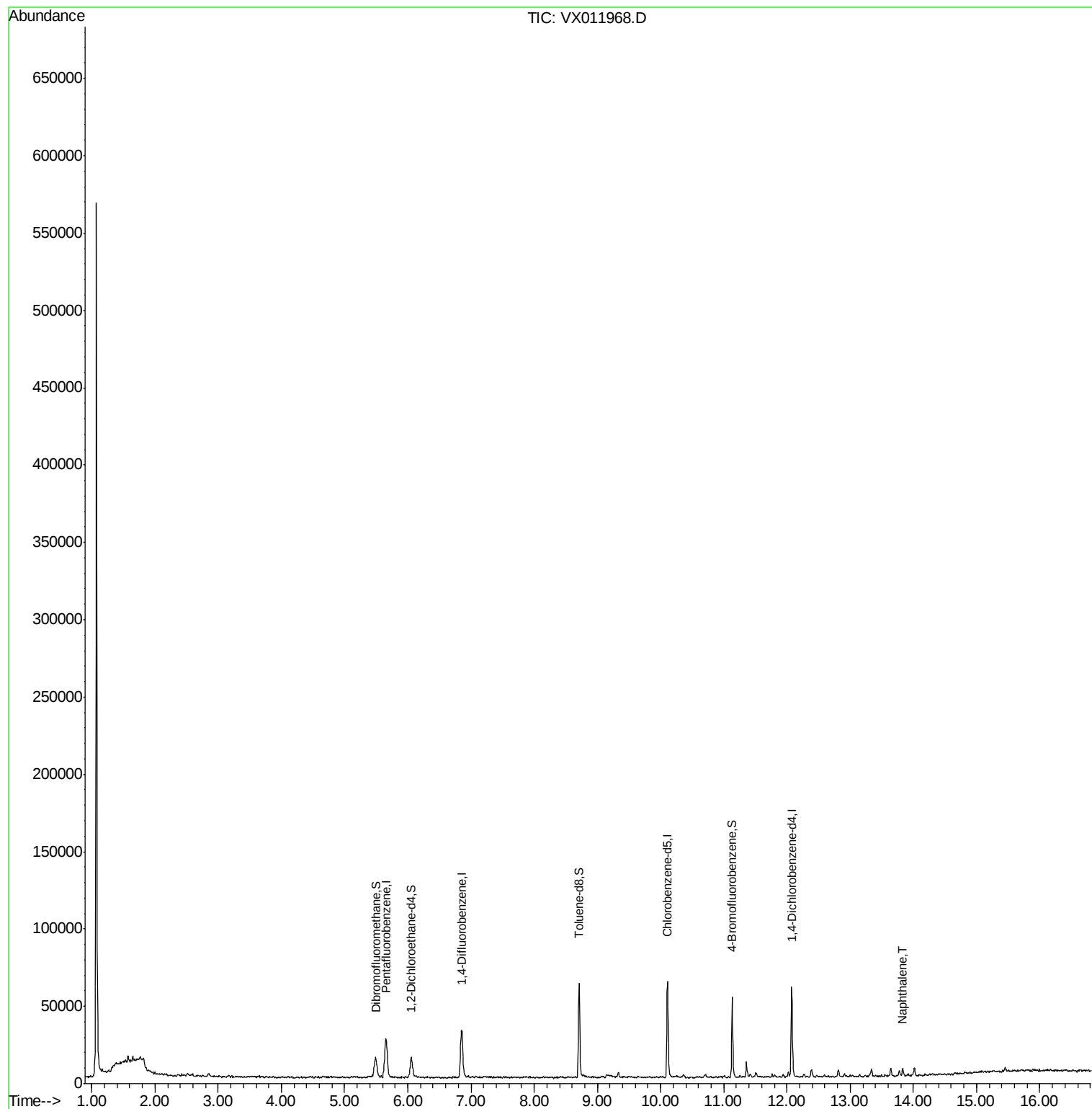
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	26249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	33537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	29259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	13013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	12913	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	5.49	113	10705	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.72	98	37624	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	13013	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
Target Compounds						
95) Naphthalene	13.83	128	3008	5.555	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

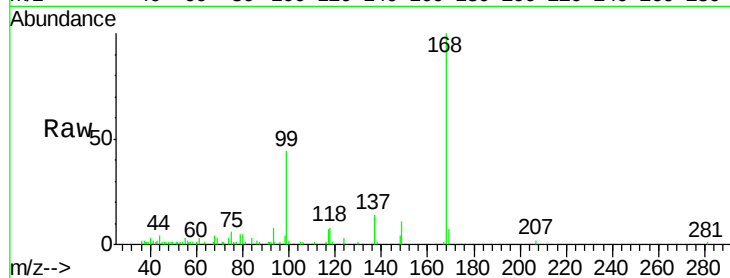
T9-12-13-F1-(1.9)

Tot Ion:168 Resp: 26249

Ion Ratio Lower Upper

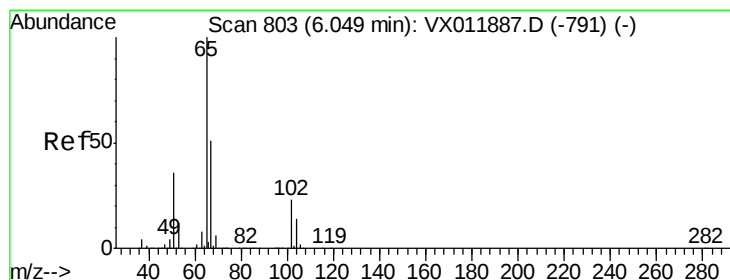
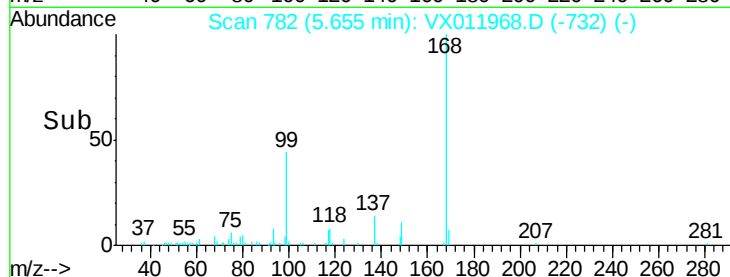
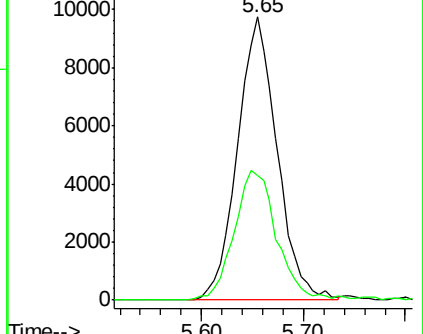
168 100

99 44.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.346 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX011968.D

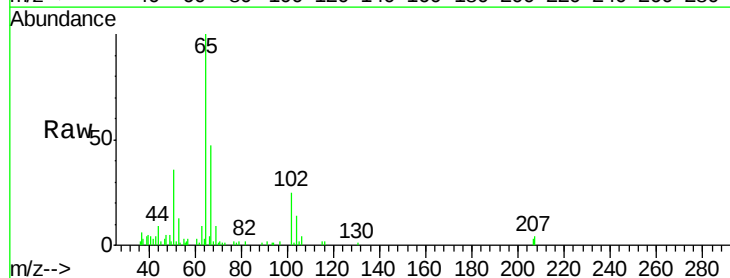
Acq: 01 Sep 2019 00:16

Tgt Ion: 65 Resp: 12913

Ion Ratio Lower Upper

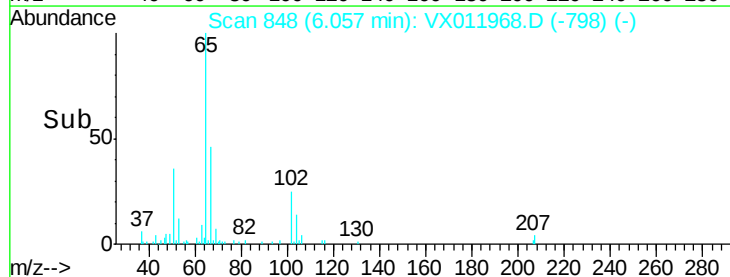
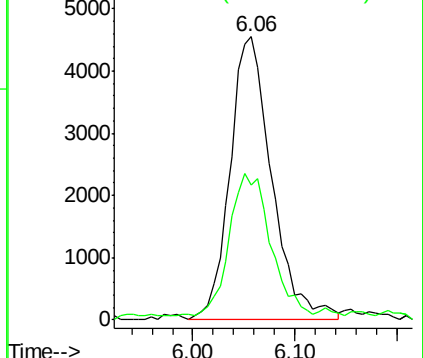
65 100

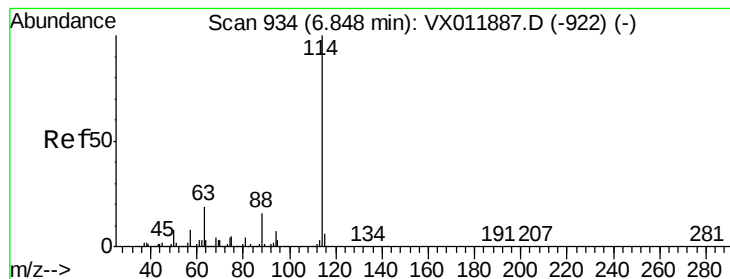
67 49.4 0.0 102.2



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# 979

Delta R.T. 0.01 min

Lab File: VX011968.D

Acq: 01 Sep 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F1-(1.9)

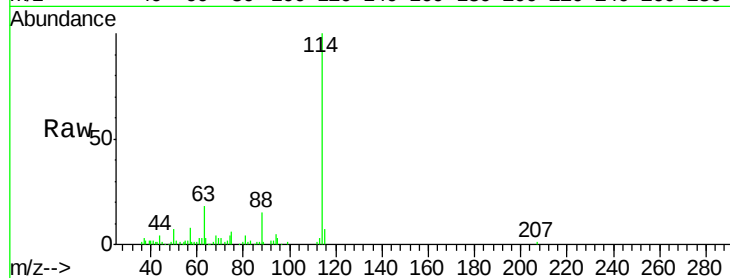
Tot Ion:114 Resp: 33537

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.8

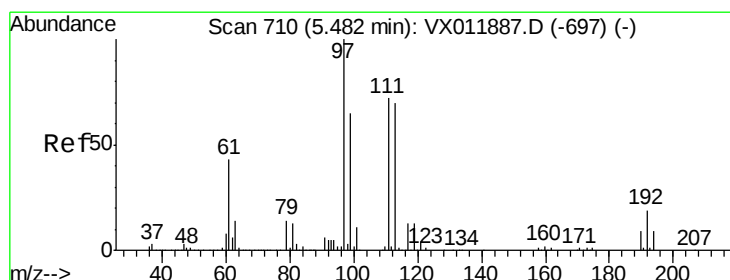
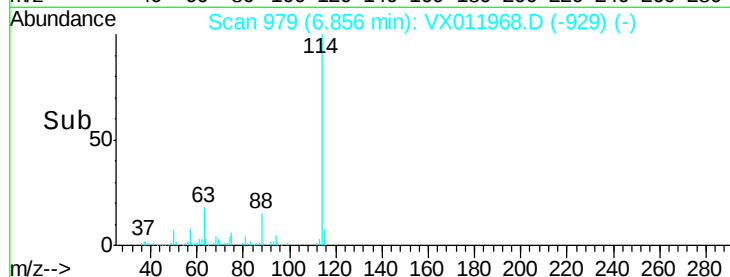
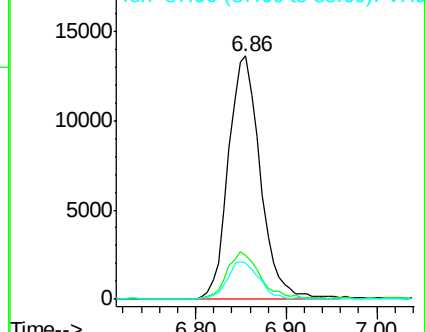
88 15.1 0.0 31.2



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: 49.778 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX011968.D

Acq: 01 Sep 2019 00:16

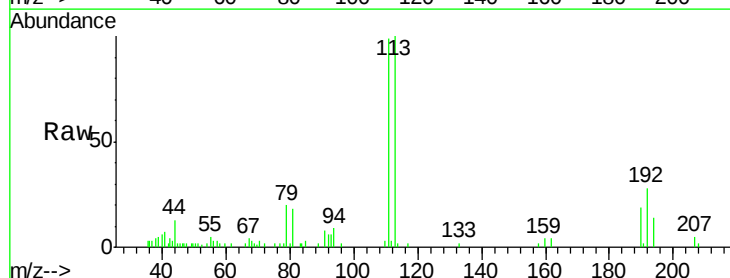
Tgt Ion:113 Resp: 10705

Ion Ratio Lower Upper

113 100

111 99.0 82.1 123.1

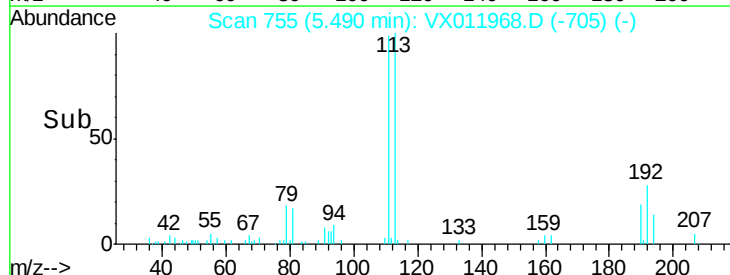
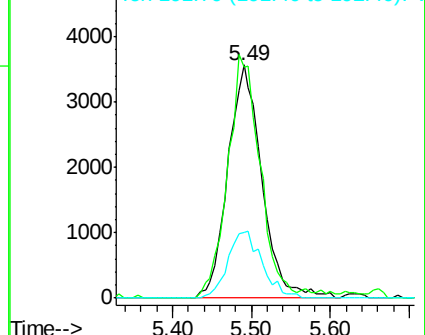
192 28.7 21.5 32.3

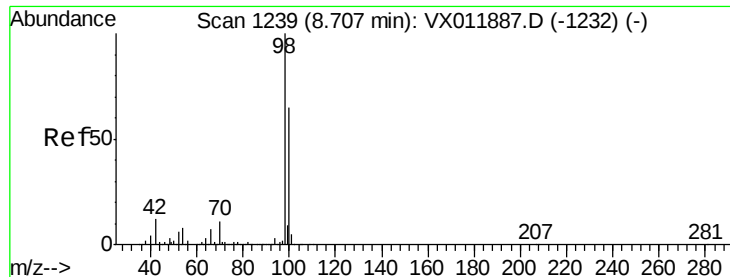


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.942 ug/l

RT: 8.72 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VX011968.D

Acq: 01 Sep 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

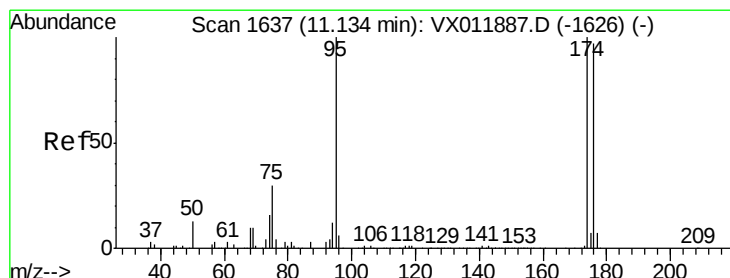
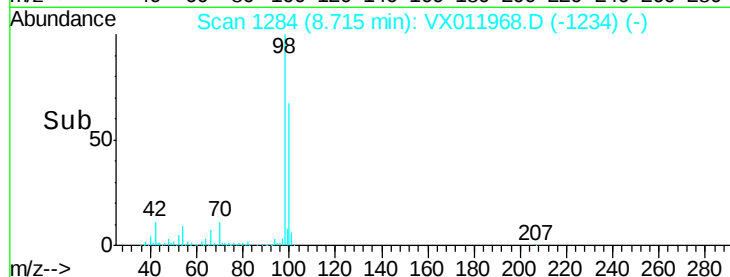
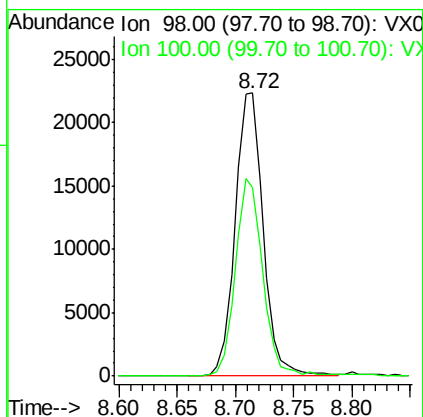
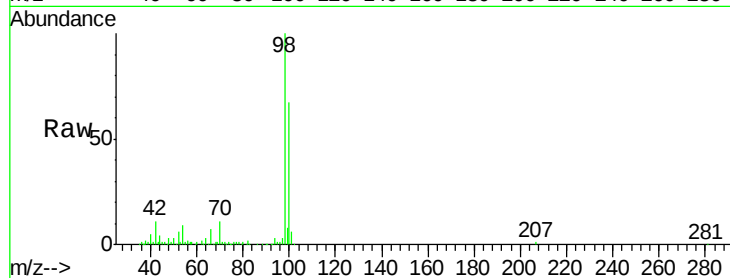
T9-12-13-F1-(1.9)

Tot Ion: 98 Resp: 37624

Ion Ratio Lower Upper

98 100

100 68.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 38.589 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011968.D

Acq: 01 Sep 2019 00:16

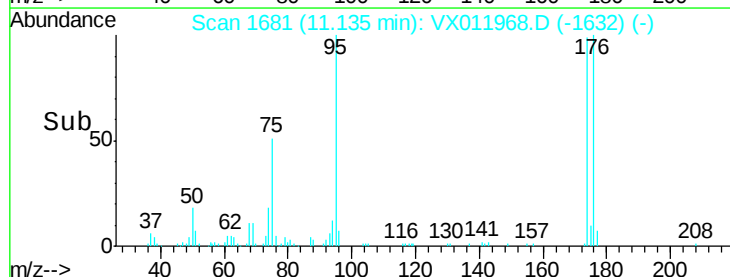
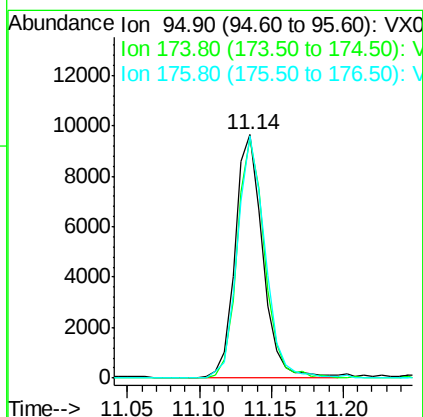
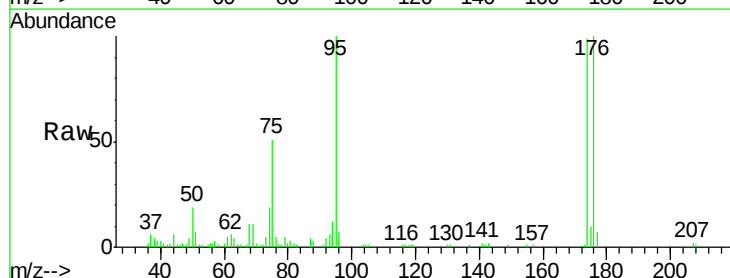
Tgt Ion: 95 Resp: 13013

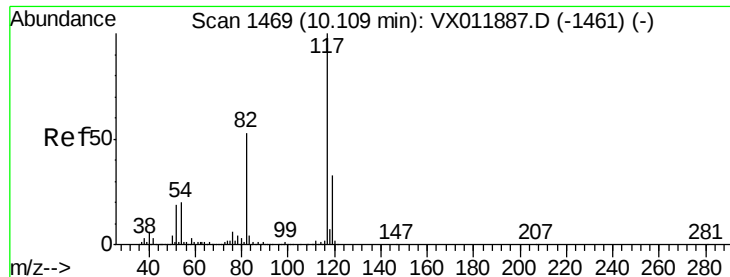
Ion Ratio Lower Upper

95 100

174 96.2 0.0 196.0

176 98.9 0.0 191.4

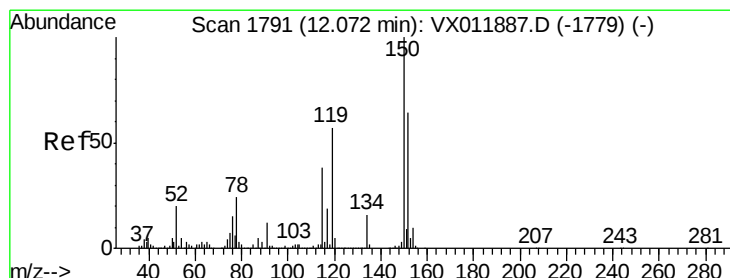
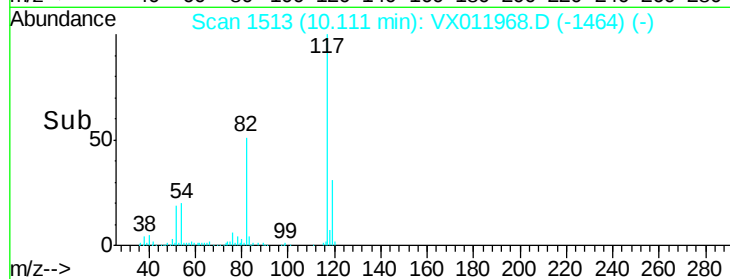
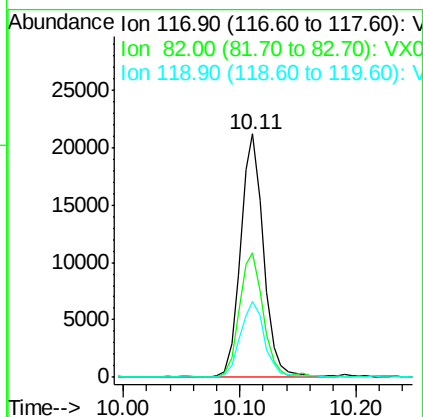
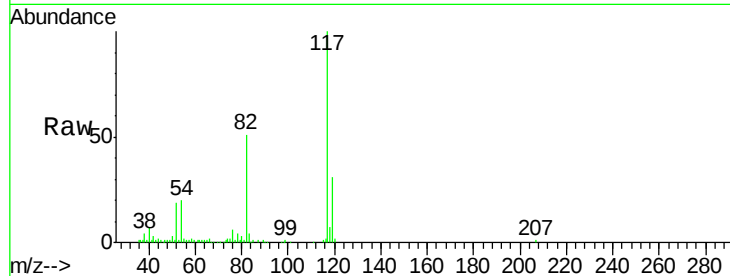




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011968.D
Acq: 01 Sep 2019 00:16

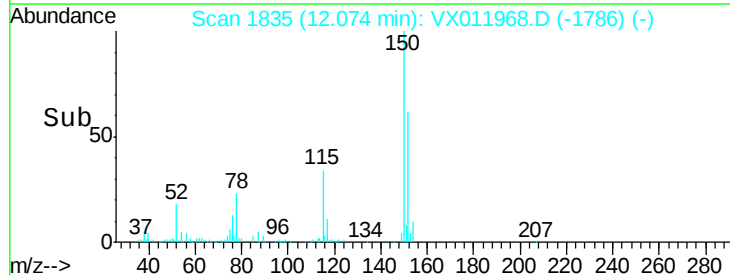
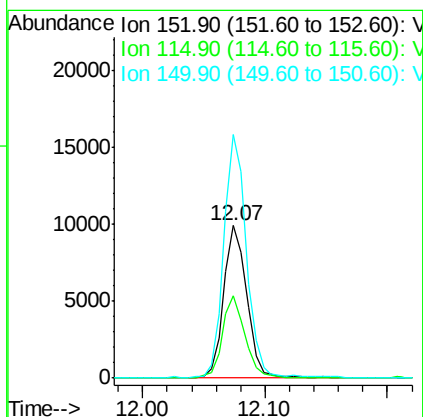
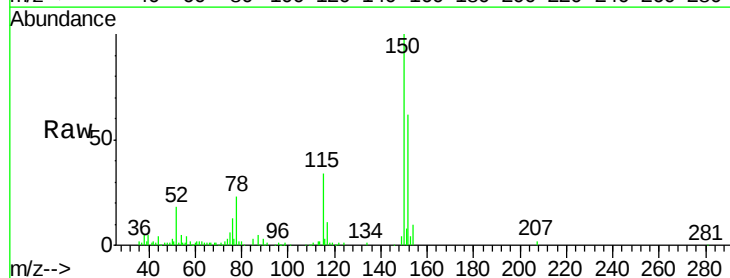
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F1-(1.9)

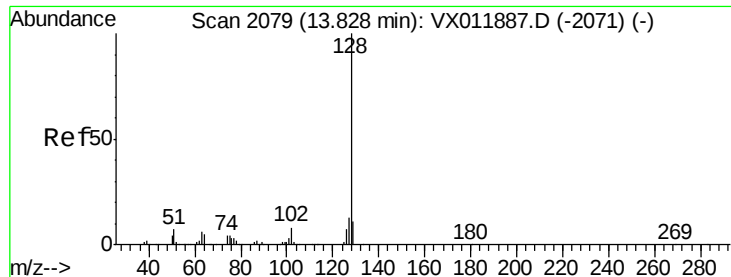
Tot Ion:117 Resp: 29259
Ion Ratio Lower Upper
117 100
82 50.5 42.0 63.0
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011968.D
Acq: 01 Sep 2019 00:16

Tgt Ion:152 Resp: 13013
Ion Ratio Lower Upper
152 100
115 53.0 37.1 111.3
150 156.3 0.0 339.6





#95

Naphthalene

Concen: 5.555 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011968.D

Acq: 01 Sep 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F1-(1.9)

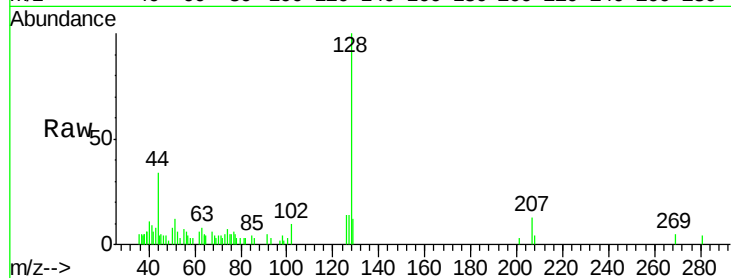
Tot Ion:128 Resp: 3008

Ion Ratio Lower Upper

128 100

127 15.6 10.4 15.6

129 12.2 8.8 13.2



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

