

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012636.D
 Acq On : 24 Sep 2019 16:30
 Operator : JC/SP
 Sample : K5013-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0531

Quant Time: Sep 25 06:33:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115372	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.49	113	81519	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.71	98	319457	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.14	95	104518	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	

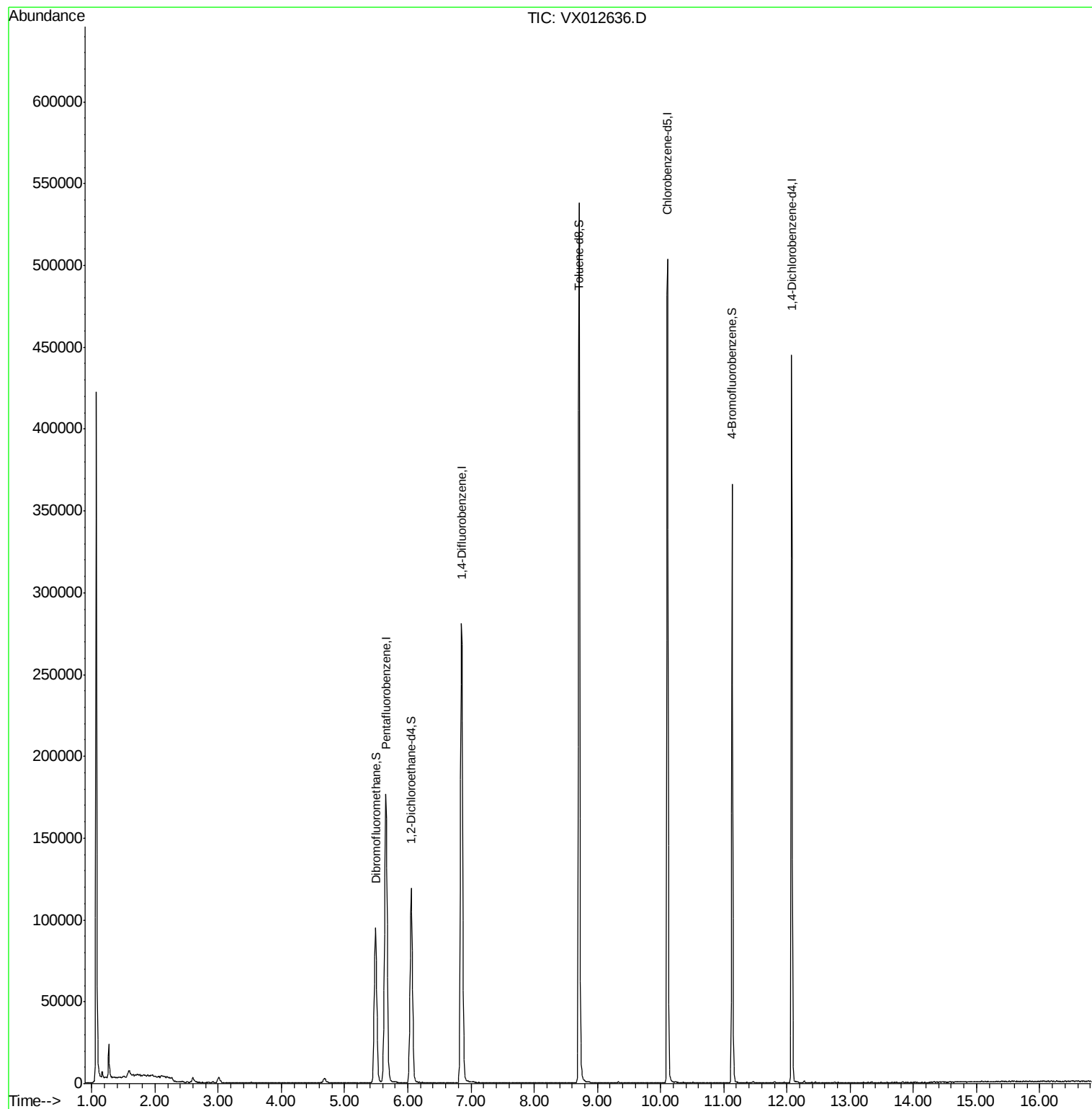
Target Compounds	Qvalue

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

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QLast Update : Mon Sep 23 12:27:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012636.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

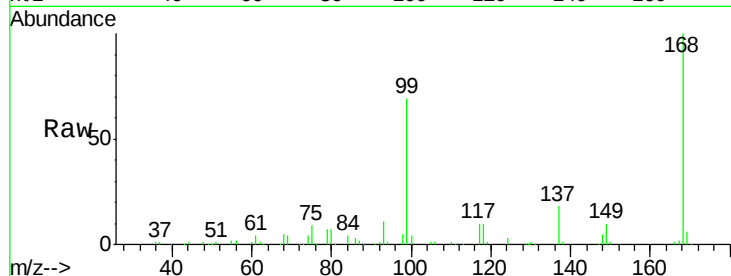
S49-0531

Tot Ion:168 Resp: 156526

Ion Ratio Lower Upper

168 100

99 68.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

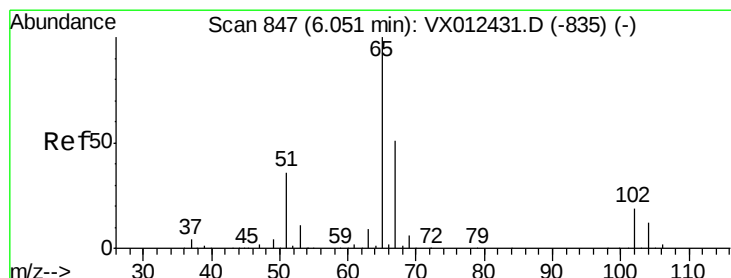
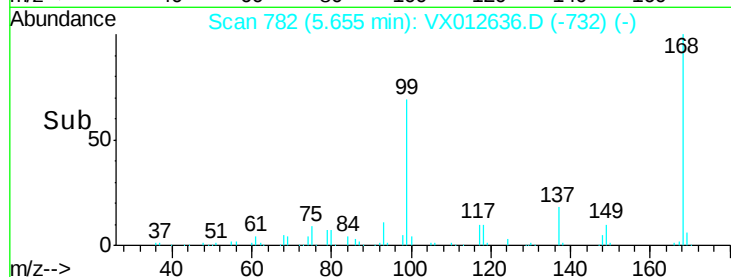
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.617 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012636.D

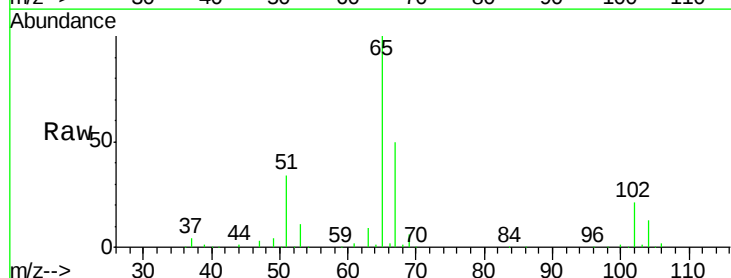
Acq: 24 Sep 2019 16:30

Tgt Ion: 65 Resp: 115372

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

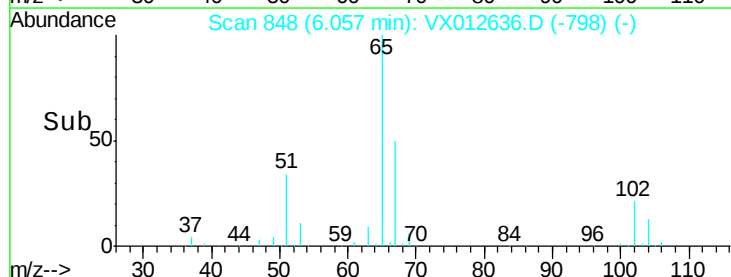
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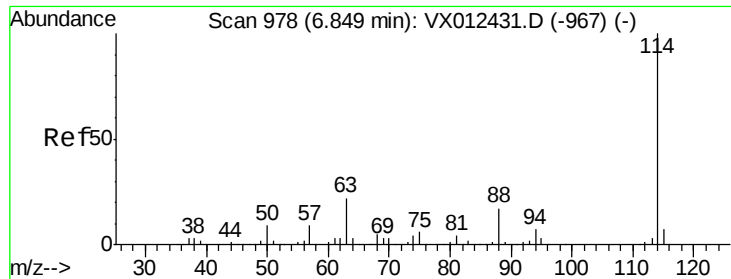
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

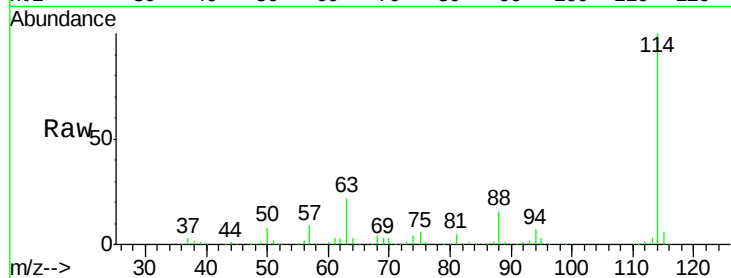




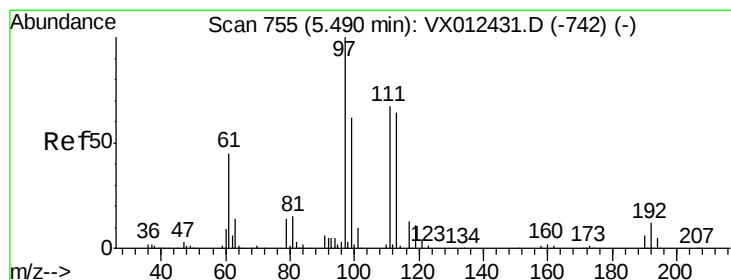
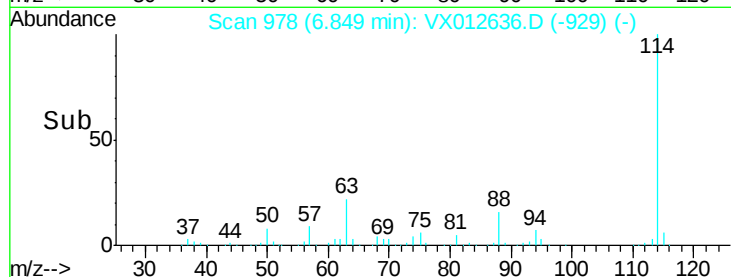
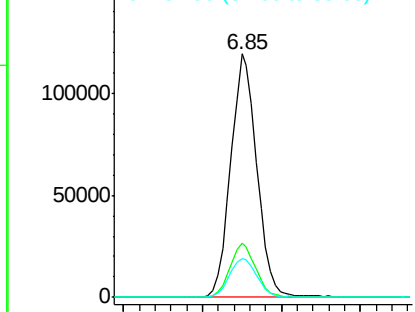
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012636.D
 Acq: 24 Sep 2019 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0531

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	15.8	0.0	33.2

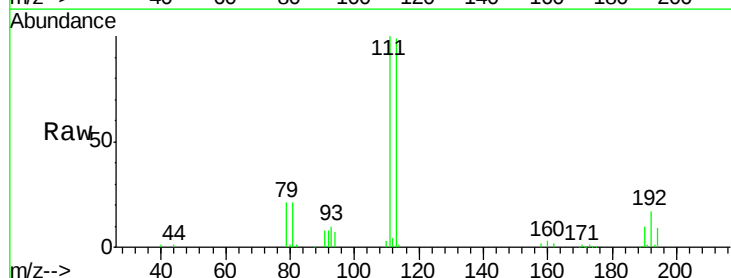


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

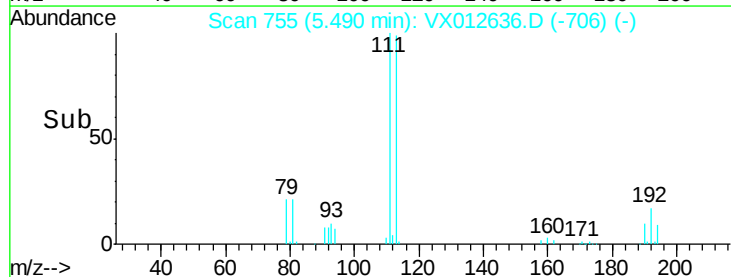
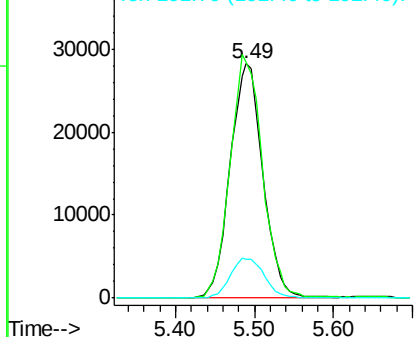


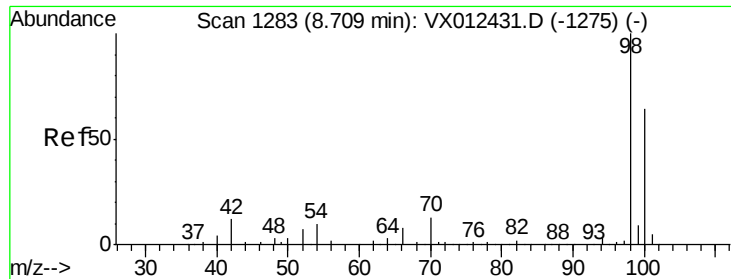
#35
 Dibromofluoromethane
 Concen: 49.819 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012636.D
 Acq: 24 Sep 2019 16:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	17.6	14.4	21.6



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: 50.696 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012636.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

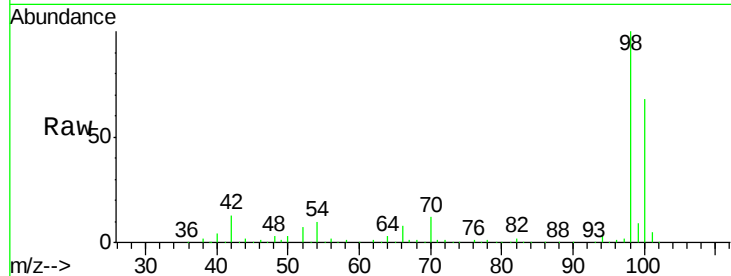
S49-0531

Tot Ion: 98 Resp: 319457

Ion Ratio Lower Upper

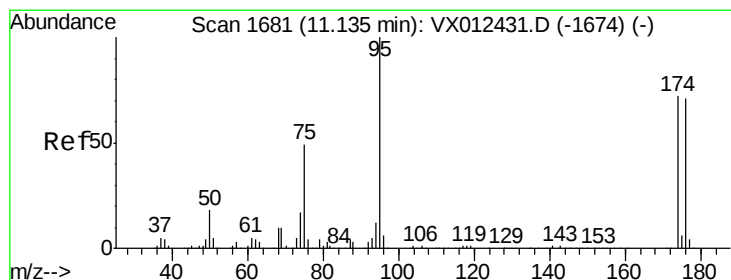
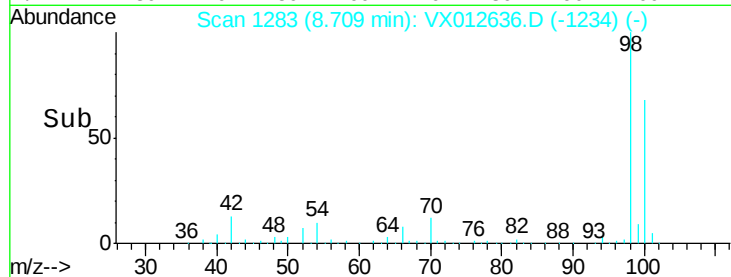
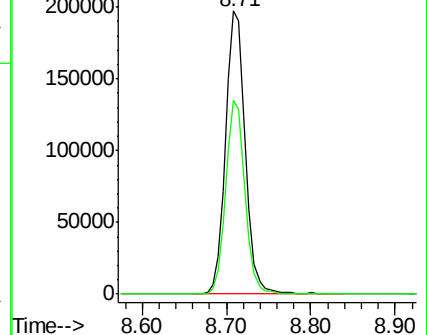
98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.182 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012636.D

Acq: 24 Sep 2019 16:30

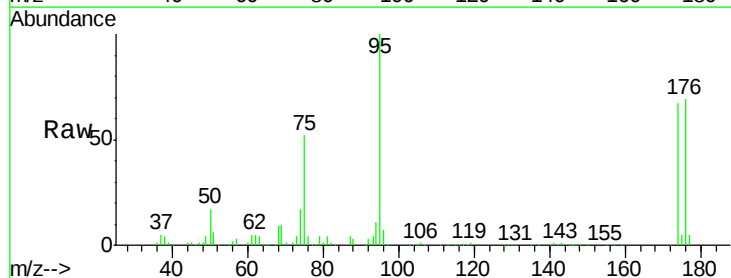
Tgt Ion: 95 Resp: 104518

Ion Ratio Lower Upper

95 100

174 66.2 0.0 140.0

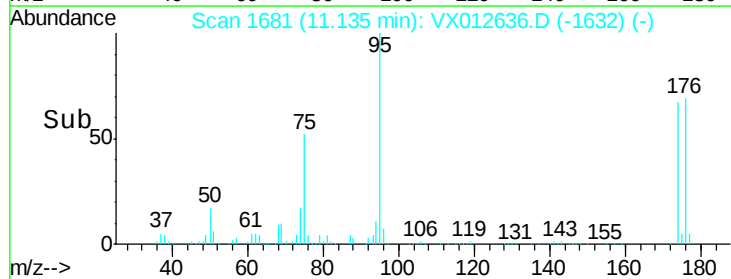
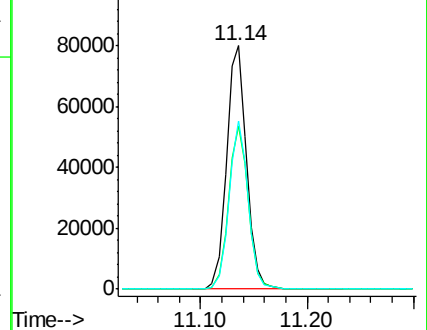
176 66.1 0.0 135.4

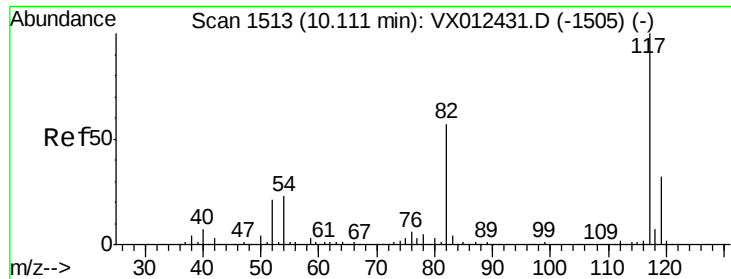


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

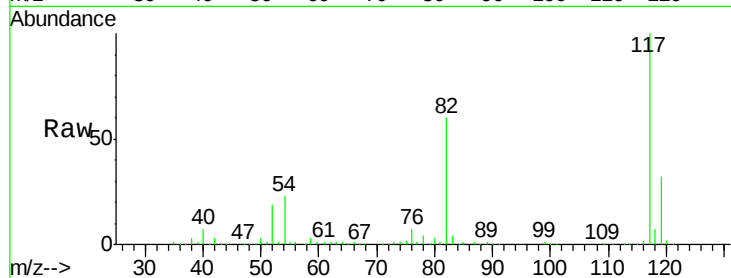




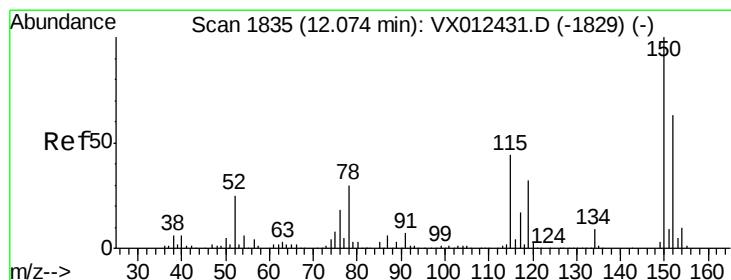
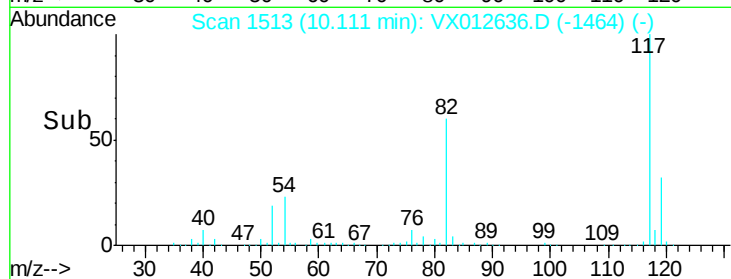
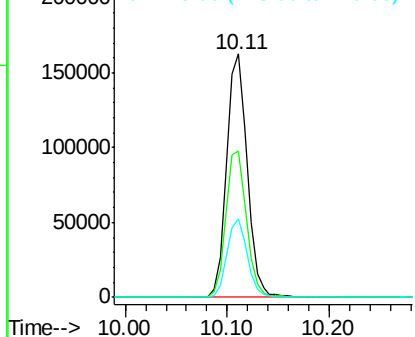
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012636.D
Acq: 24 Sep 2019 16:30

Instrument :
MSVOA_X
ClientSampled :
S49-0531

Tot Ion:117 Resp: 225934
Ion Ratio Lower Upper
117 100
82 60.0 45.9 68.9
119 32.2 25.3 37.9

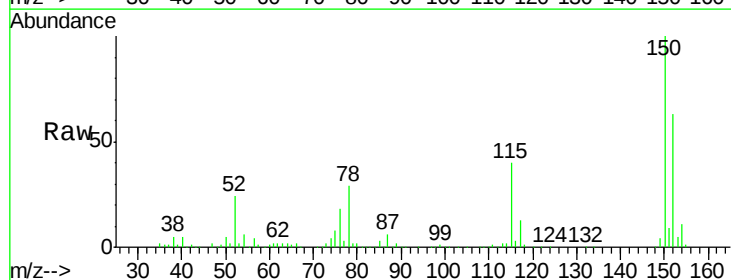


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012636.D
Acq: 24 Sep 2019 16:30

Tgt Ion:152 Resp: 78788
Ion Ratio Lower Upper
152 100
115 65.2 44.1 132.3
150 159.8 0.0 343.8



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

