

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009276.D
 Acq On : 02 May 2019 16:27
 Operator : JC/SP
 Sample : K2659-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB01-190429

Quant Time: May 03 05:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127867	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.50	113	95130	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	386424	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	126398	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	

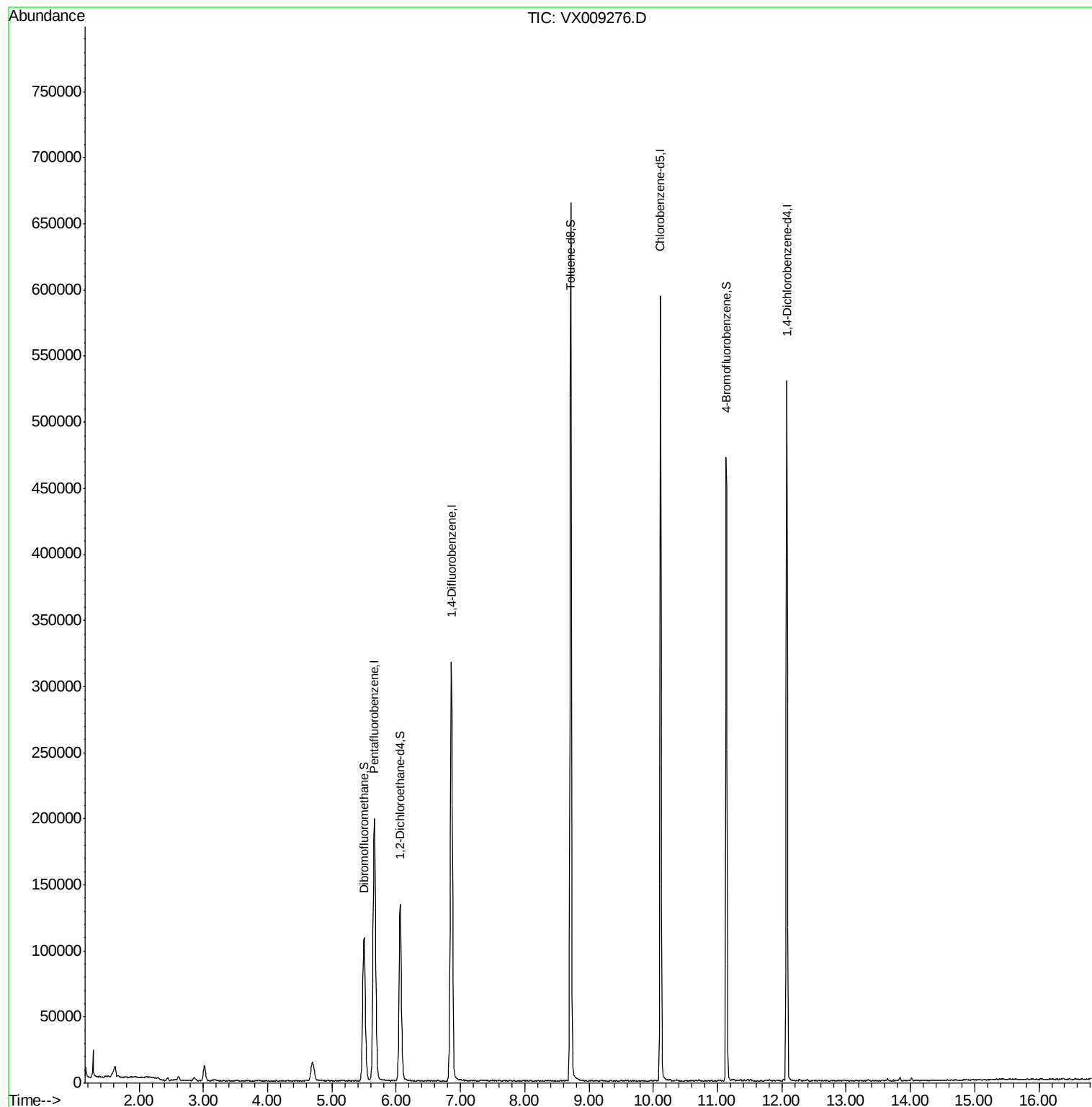
Target Compounds	Qvalue

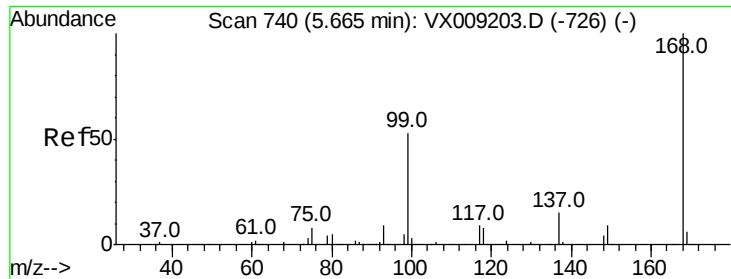
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009276.D

Acq: 02 May 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

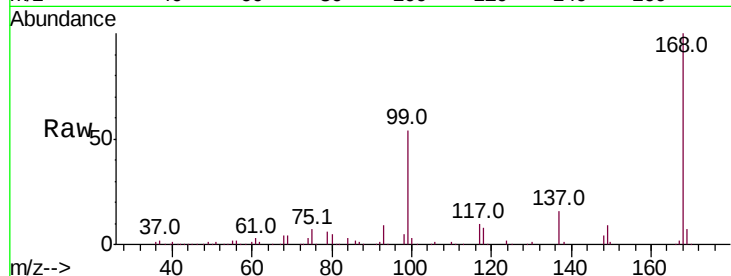
Z5-TB01-190429

Tot Ion:168 Resp: 193236

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

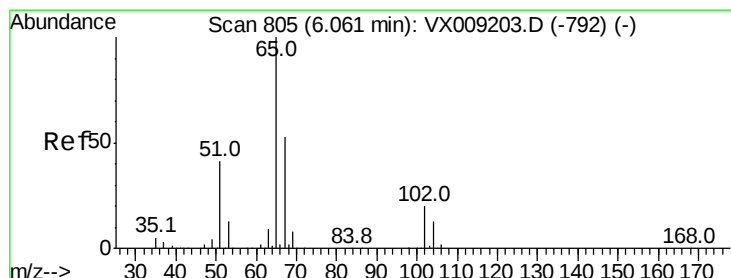
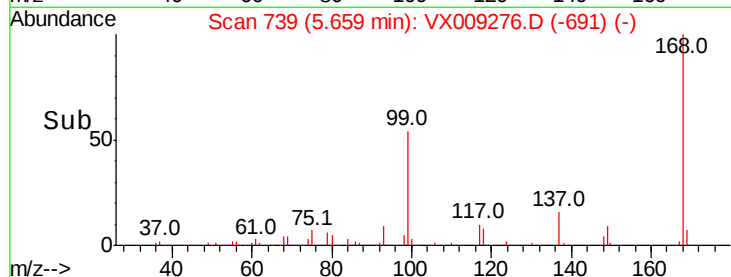
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009276.D

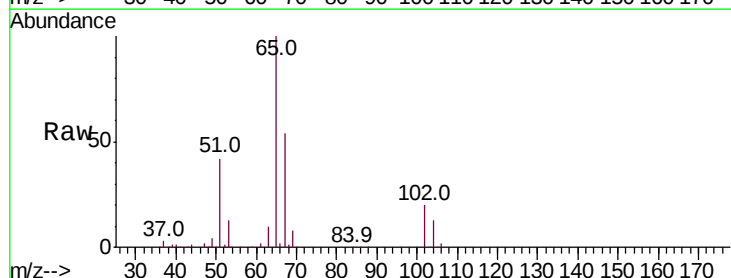
Acq: 02 May 2019 16:27

Tgt Ion: 65 Resp: 127867

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

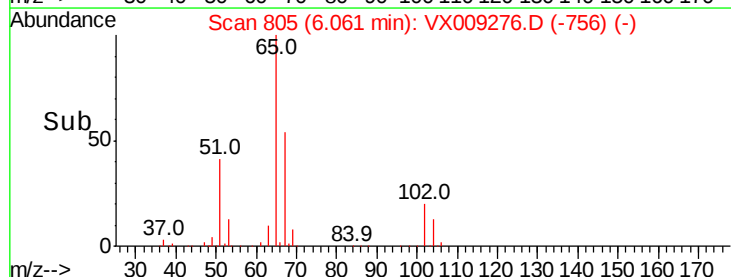
30000

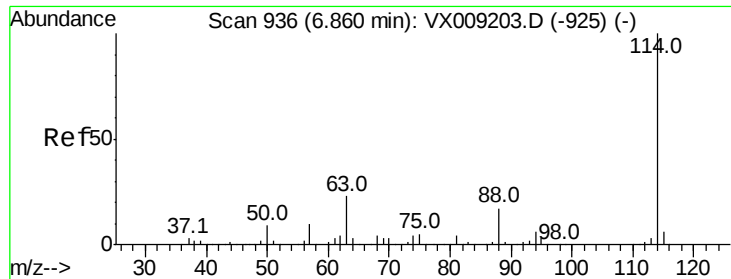
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30

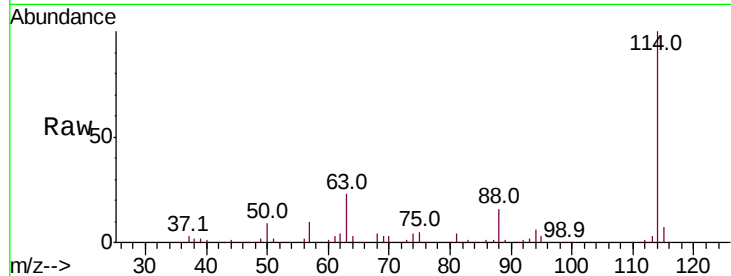




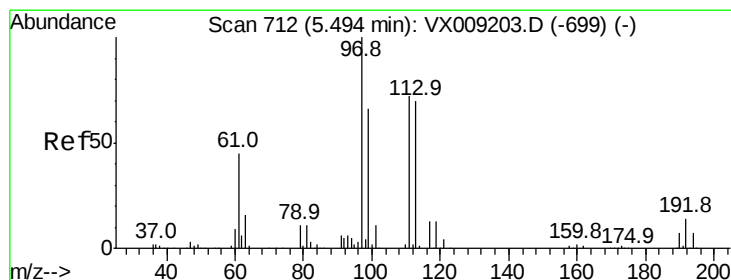
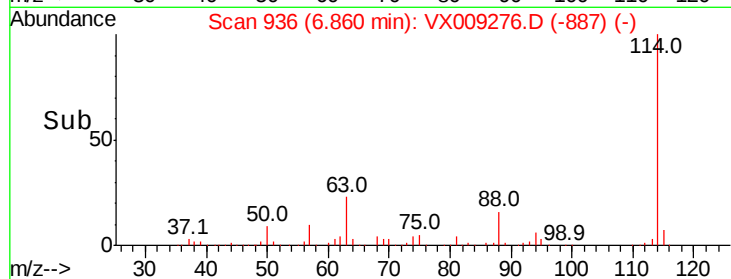
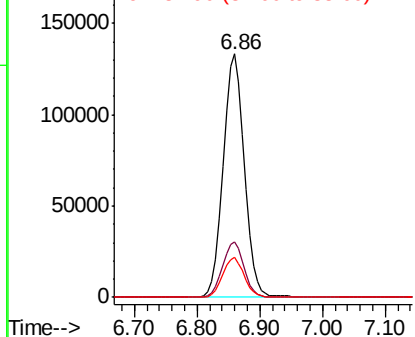
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009276.D
 Acq: 02 May 2019 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB01-190429

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.3	0.0	33.2

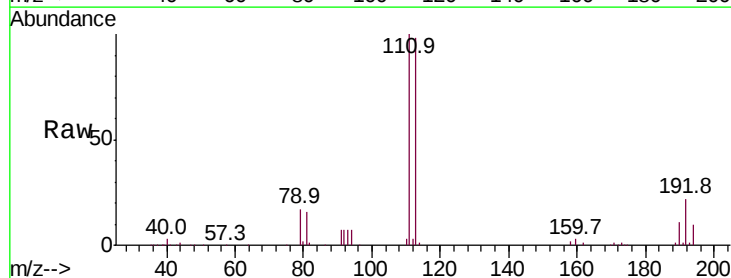


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

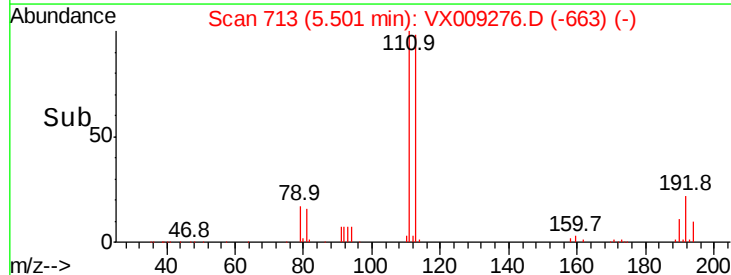
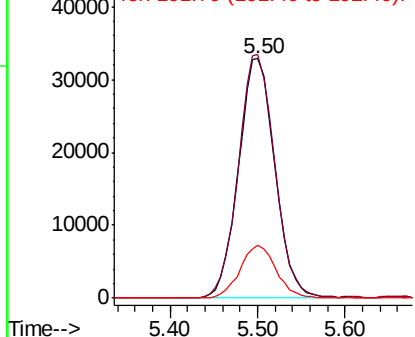


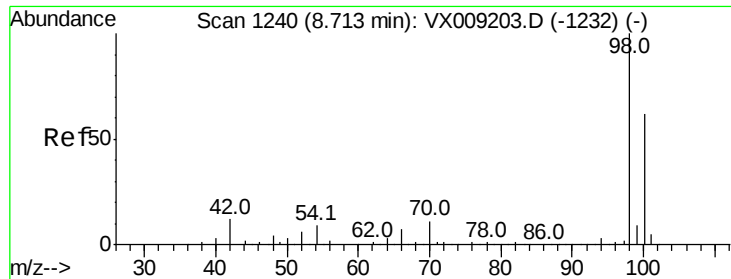
#35
 Dibromofluoromethane
 Concen: 48.485 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009276.D
 Acq: 02 May 2019 16:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.8	124.2
192	21.7	17.0	25.6



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: 48.783 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009276.D

Acq: 02 May 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

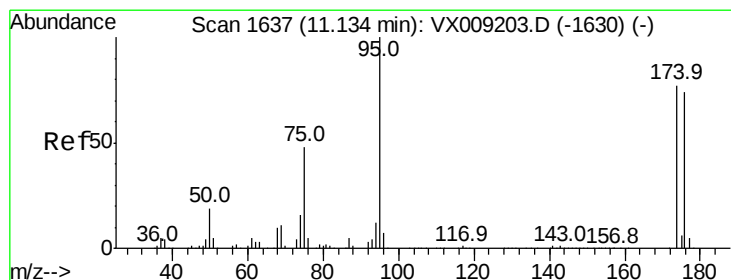
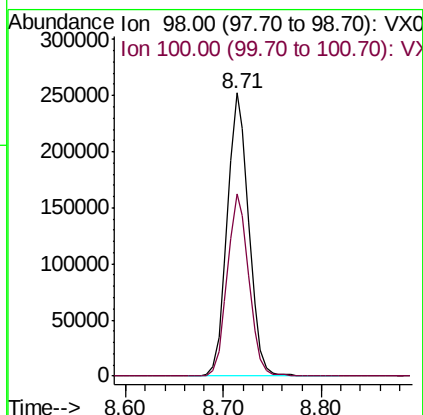
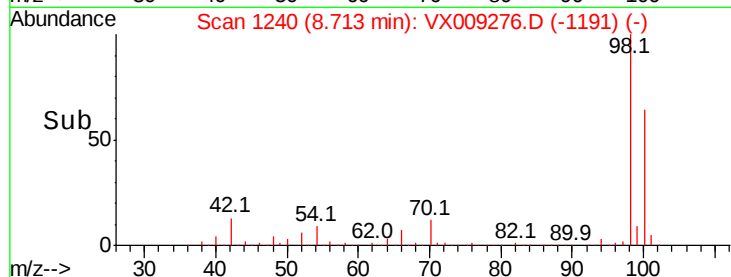
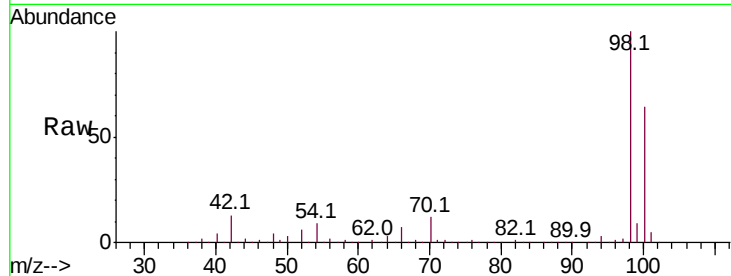
Z5-TB01-190429

Tot Ion: 98 Resp: 386424

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.914 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009276.D

Acq: 02 May 2019 16:27

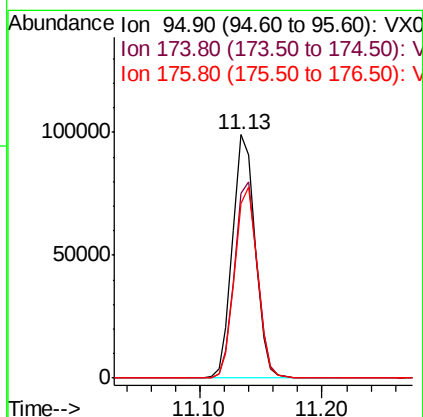
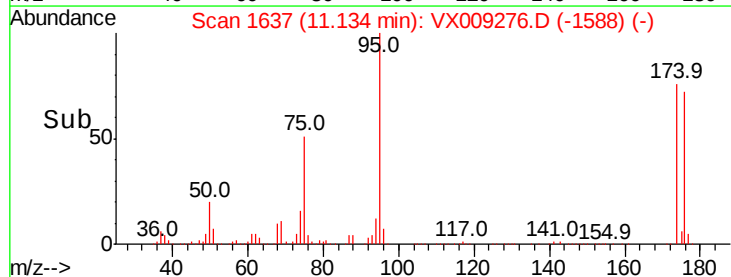
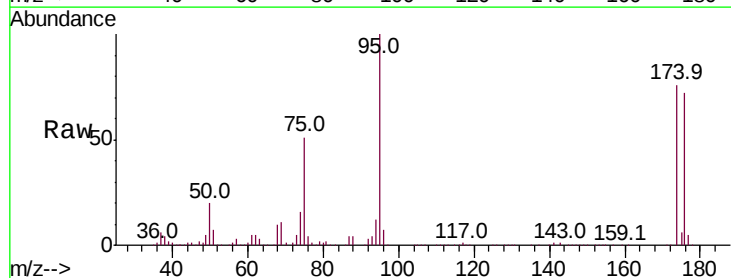
Tgt Ion: 95 Resp: 126398

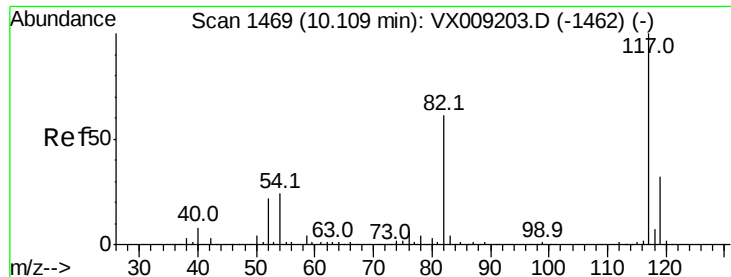
Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

176 78.9 0.0 159.2

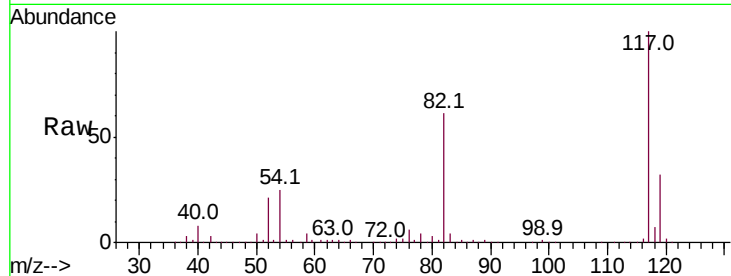




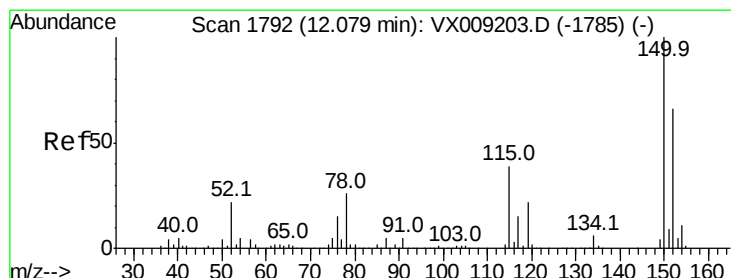
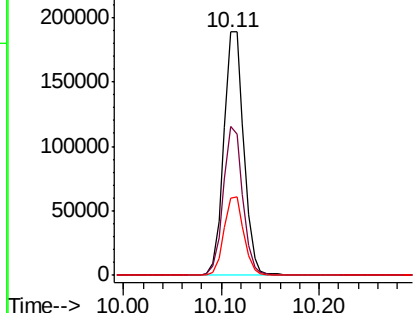
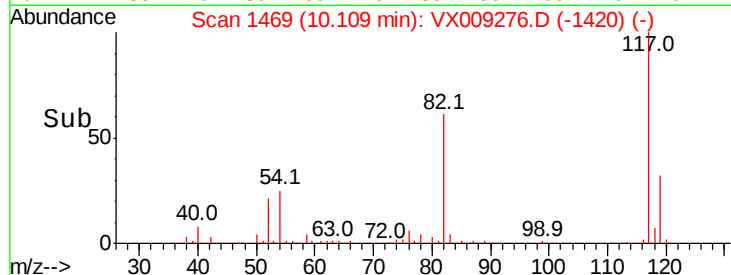
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009276.D
Acq: 02 May 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB01-190429

Tot Ion:117 Resp: 267694
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 31.8 25.8 38.6

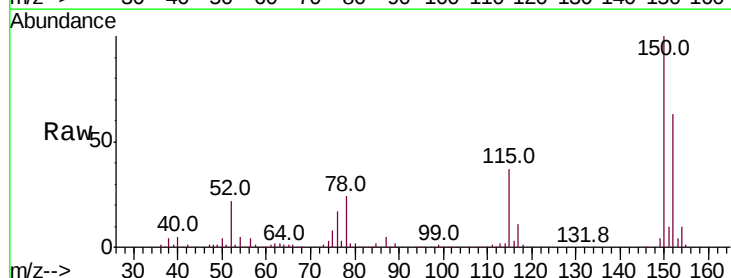


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009276.D
Acq: 02 May 2019 16:27

Tgt Ion:152 Resp: 110400
Ion Ratio Lower Upper
152 100
115 59.6 41.2 123.6
150 158.4 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

