

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009762.D
 Acq On : 21 May 2019 20:51
 Operator : JC/SP
 Sample : K2973-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-ER-2019-1

Quant Time: May 22 08:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

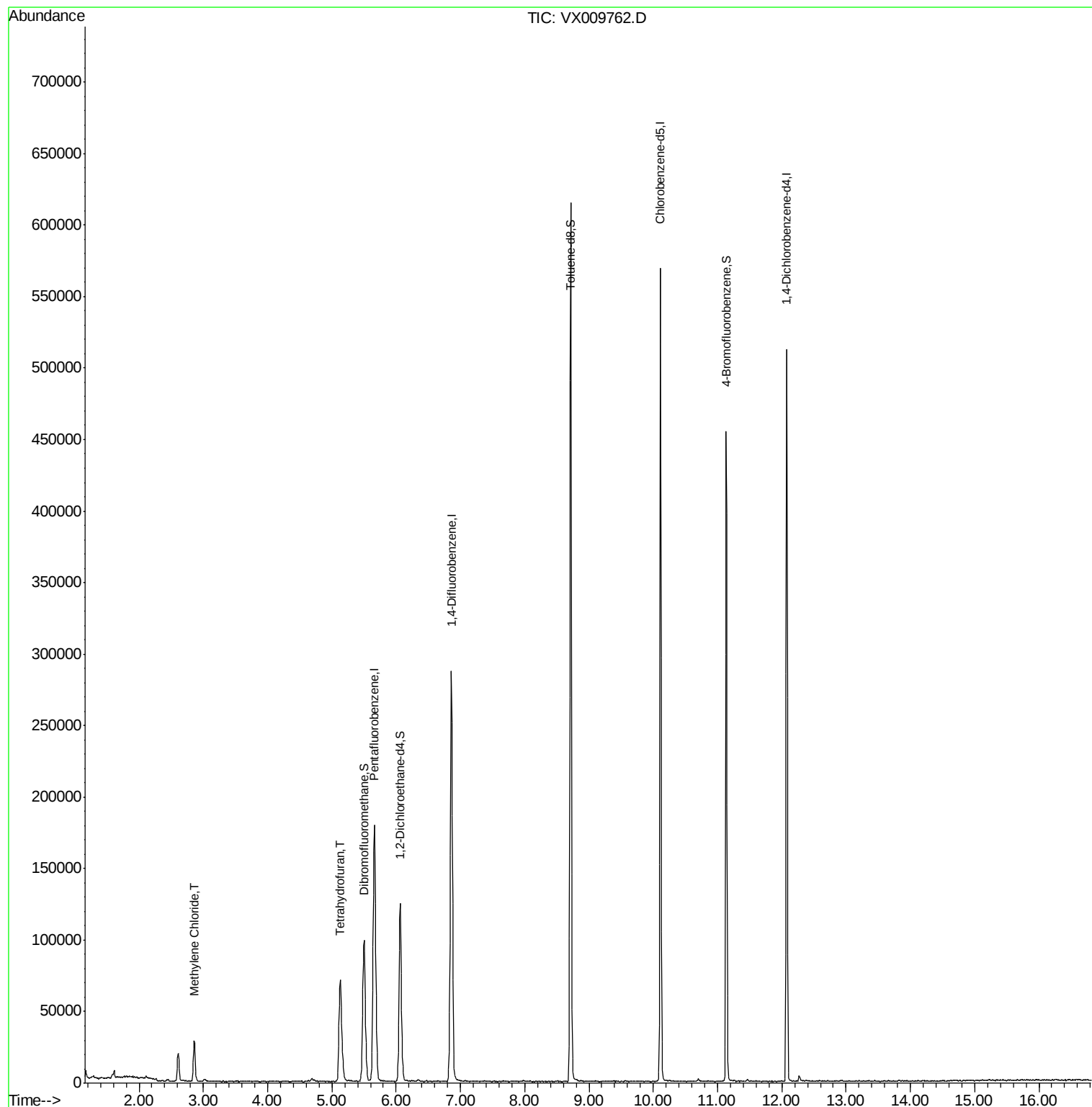
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115074	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	84932	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	346534	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	115266	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
20) Methylene Chloride	2.85	84	12629	6.114	ug/l	93
29) Tetrahydrofuran	5.13	42	72371	56.731	ug/l	97

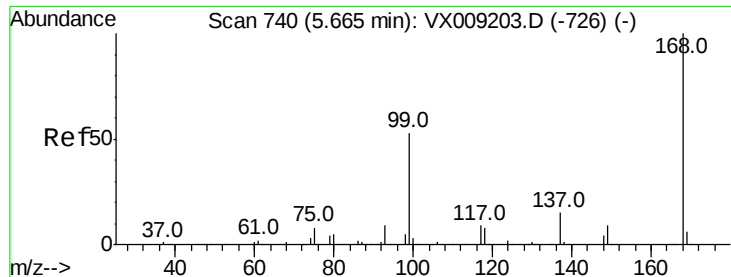
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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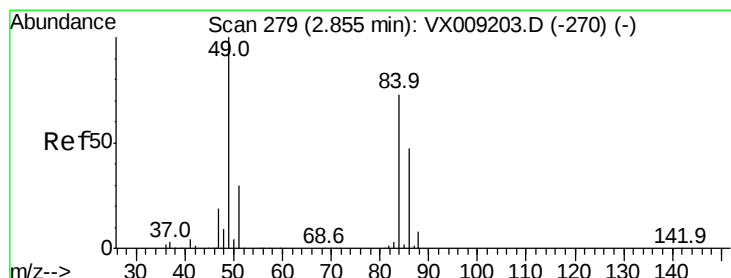
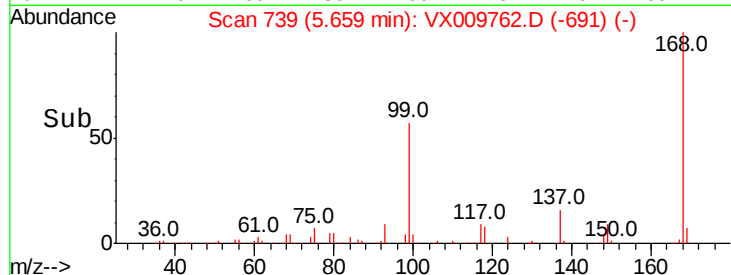
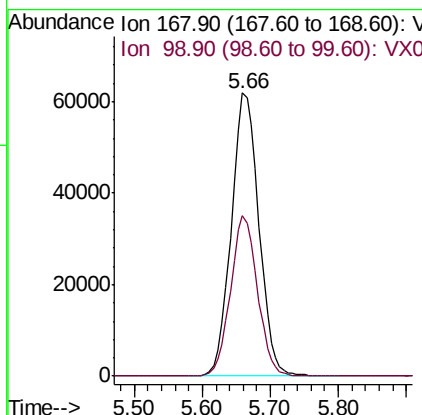
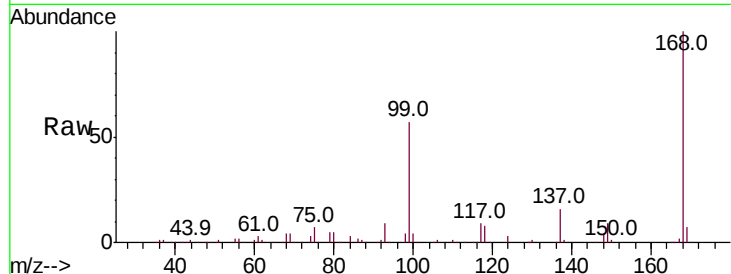




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

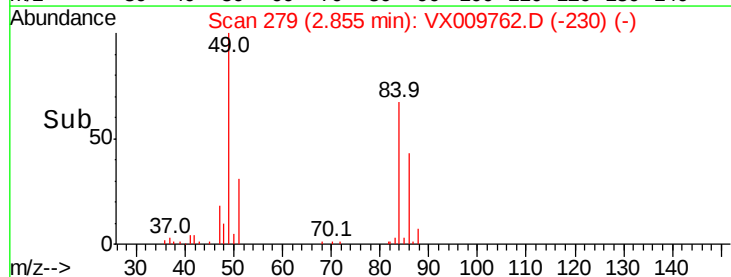
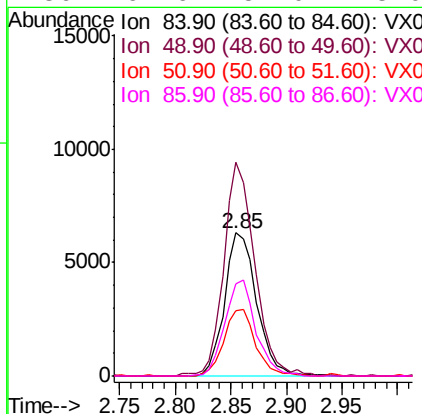
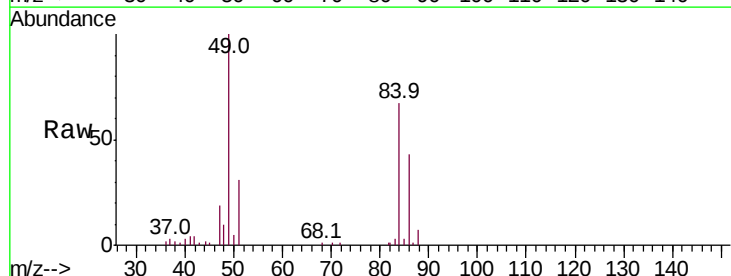
Instrument :
MSVOA_X
ClientSampleId :
S36-ER-2019-1

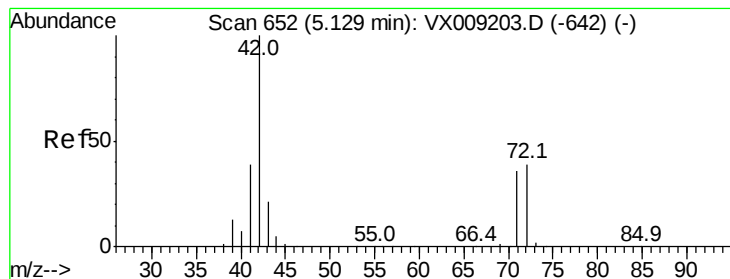
Tot Ion:168 Resp: 174038
Ion Ratio Lower Upper
168 100
99 56.5 42.3 63.5



#20
Methylene Chloride
Concen: 6.114 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

Tgt Ion: 84 Resp: 12629
Ion Ratio Lower Upper
84 100
49 149.0 109.9 164.9
51 45.9 32.7 49.1
86 64.6 52.0 78.0





#29

Tetrahydrofuran

Concen: 56.731 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009762.D

Acq: 21 May 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

S36-ER-2019-1

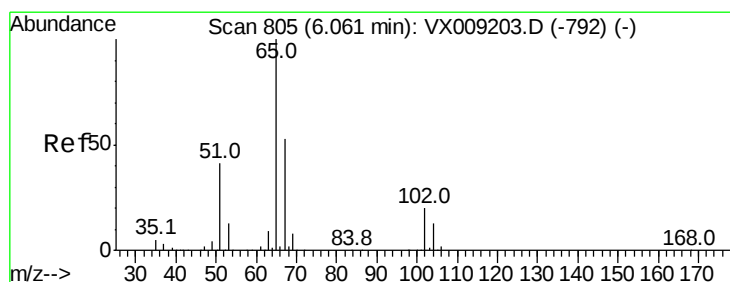
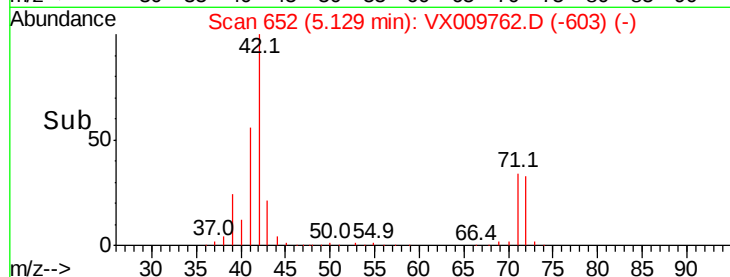
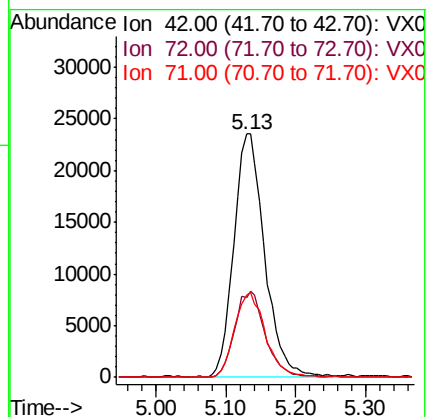
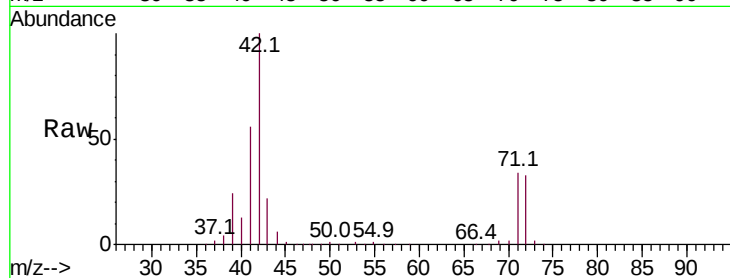
Tot Ion: 42 Resp: 72371

Ion Ratio Lower Upper

42 100

72 35.1 30.4 45.6

71 34.8 28.6 43.0



#33

1,2-Dichloroethane-d4

Concen: 48.435 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009762.D

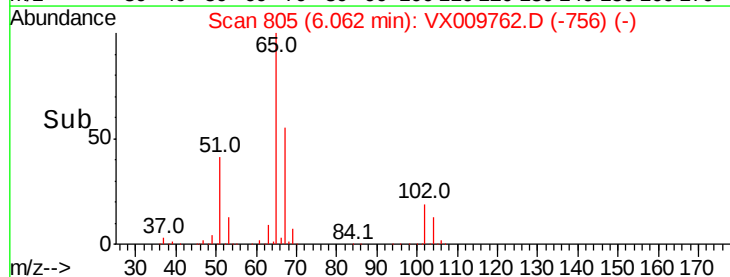
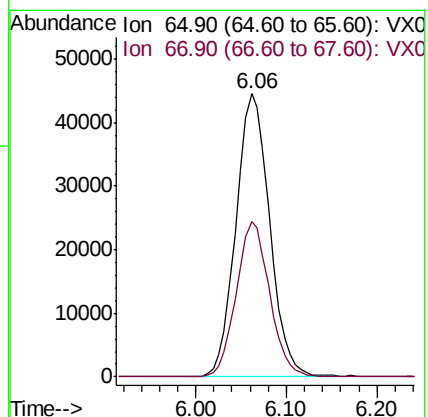
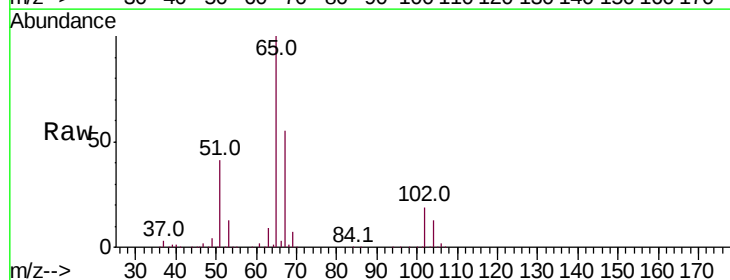
Acq: 21 May 2019 20:51

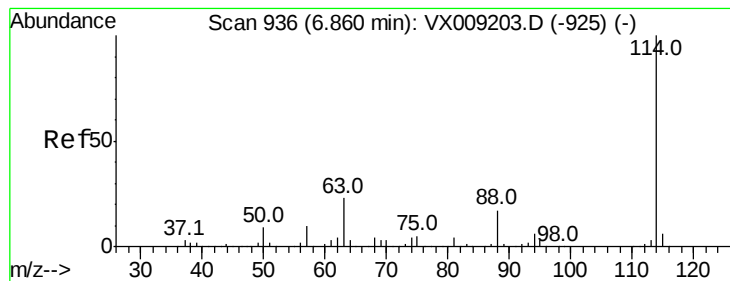
Tgt Ion: 65 Resp: 115074

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009762.D

Acq: 21 May 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

S36-ER-2019-1

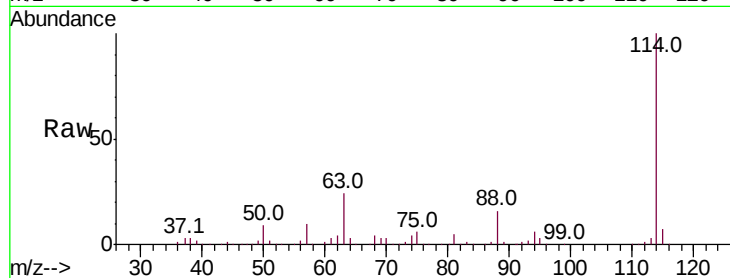
Tot Ion:114 Resp: 274012

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

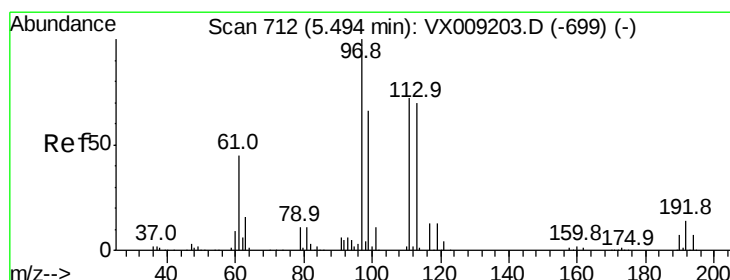
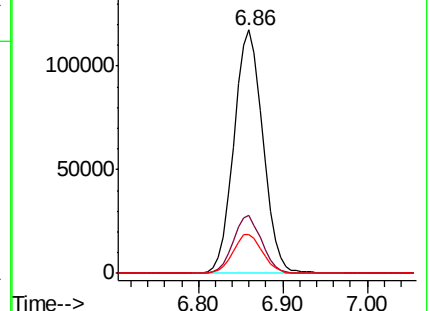
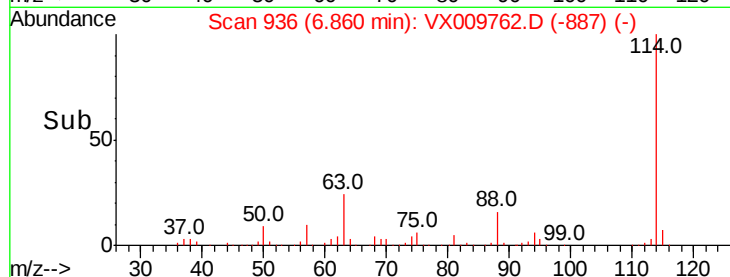
88 16.2 0.0 33.2



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: 49.306 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009762.D

Acq: 21 May 2019 20:51

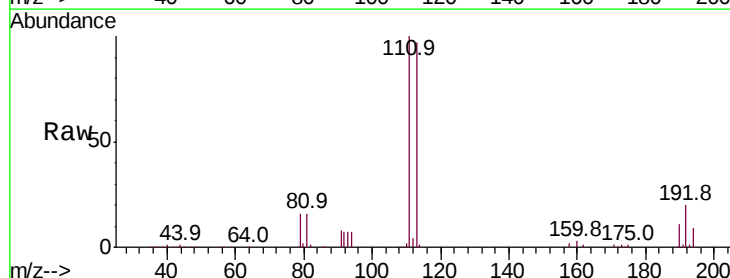
Tgt Ion:113 Resp: 84932

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

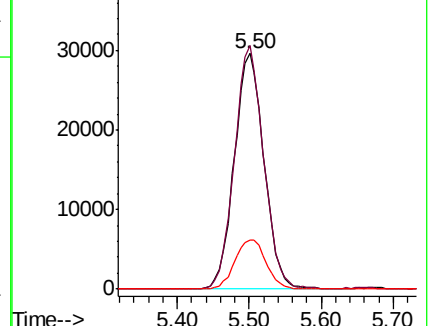
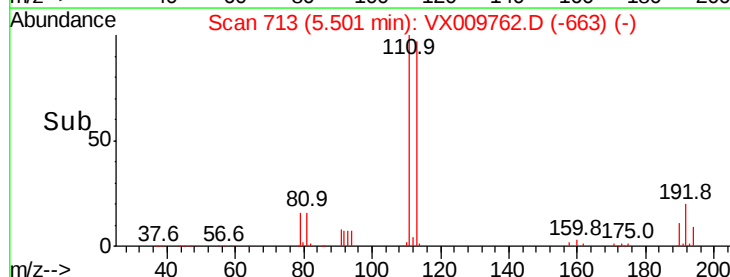
192 21.9 17.0 25.6

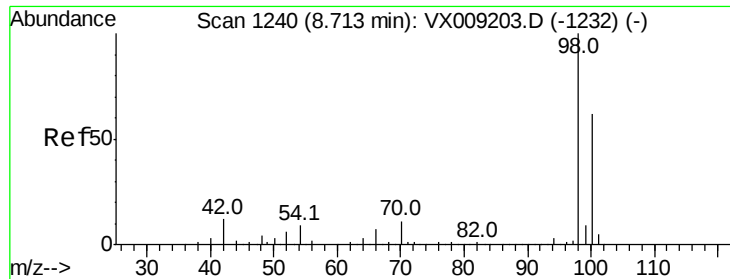


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

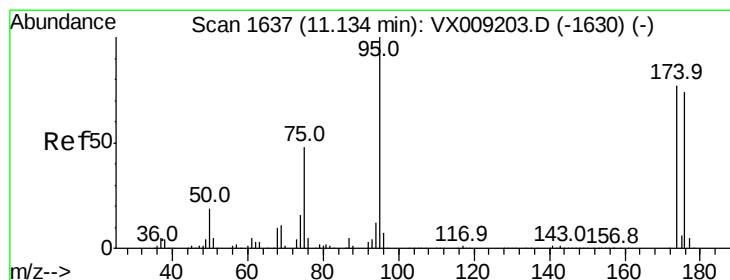
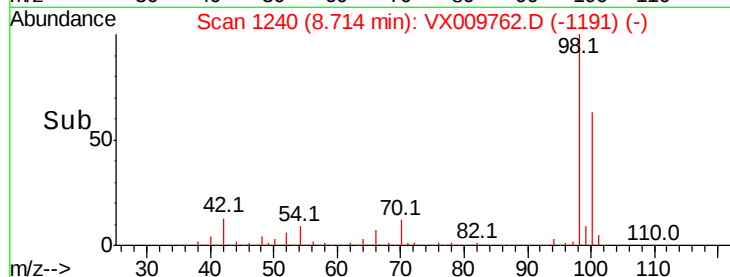
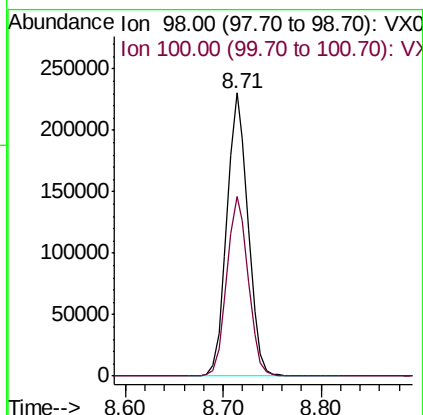
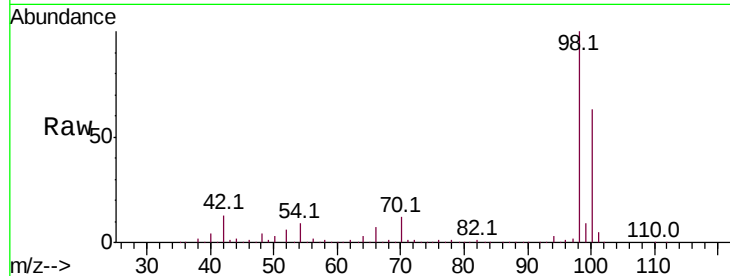




#50
Toluene-d8
Concen: 49.830 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

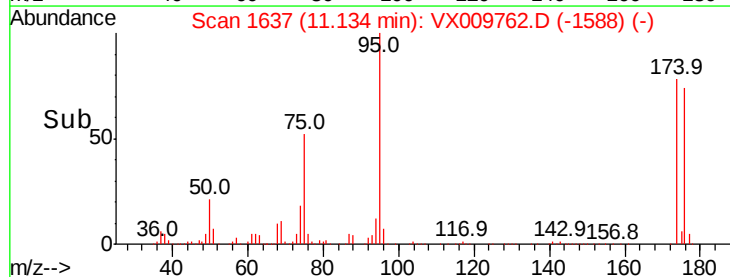
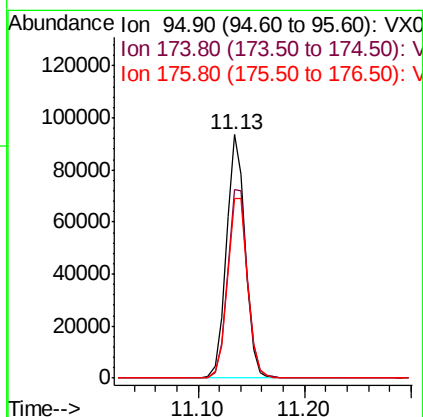
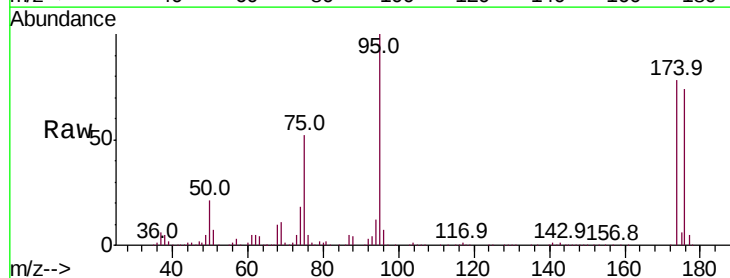
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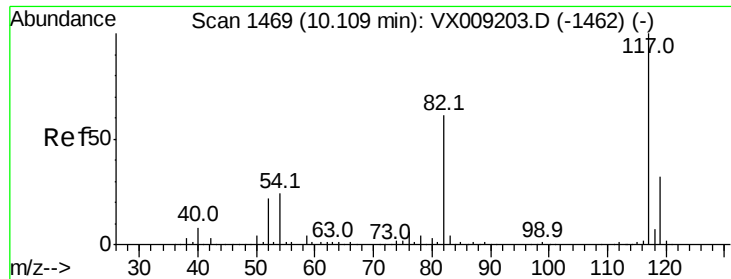
Tot Ion: 98 Resp: 346534
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.615 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

Tgt Ion: 95 Resp: 115266
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.6
176 79.5 0.0 159.2

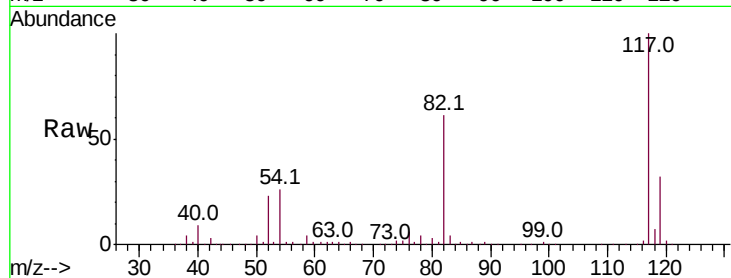




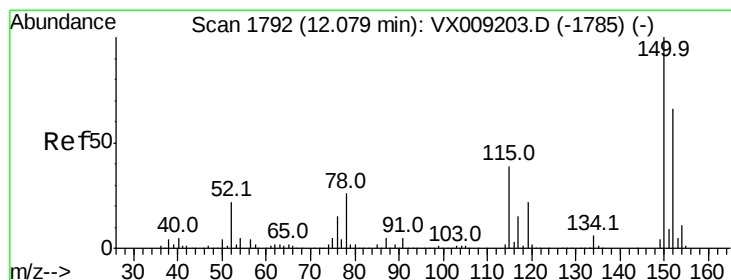
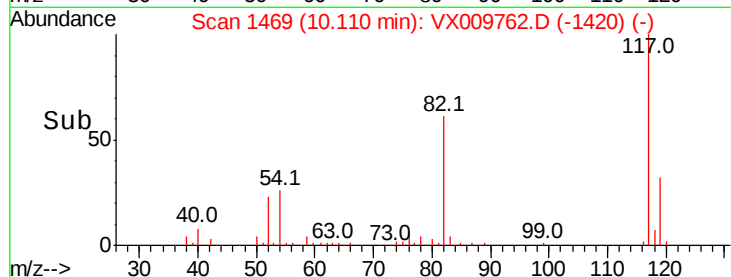
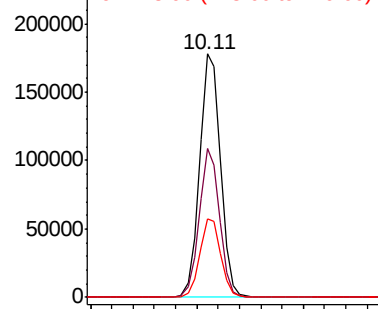
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
S36-ER-2019-1

Tot Ion:117 Resp: 244984
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 32.1 25.8 38.6

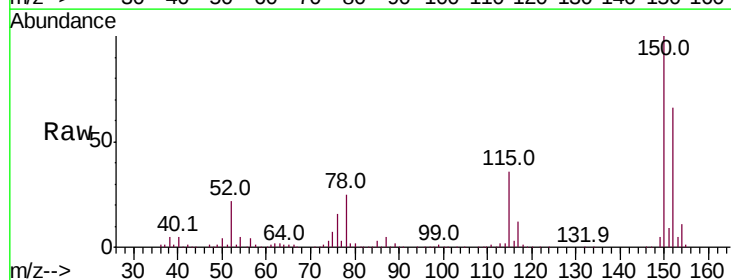


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009762.D
Acq: 21 May 2019 20:51

Tgt Ion:152 Resp: 104137
Ion Ratio Lower Upper
152 100
115 57.7 41.2 123.6
150 156.7 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

