

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009763.D
 Acq On : 21 May 2019 21:15
 Operator : JC/SP
 Sample : K2973-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153

Quant Time: May 22 08:23:38 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

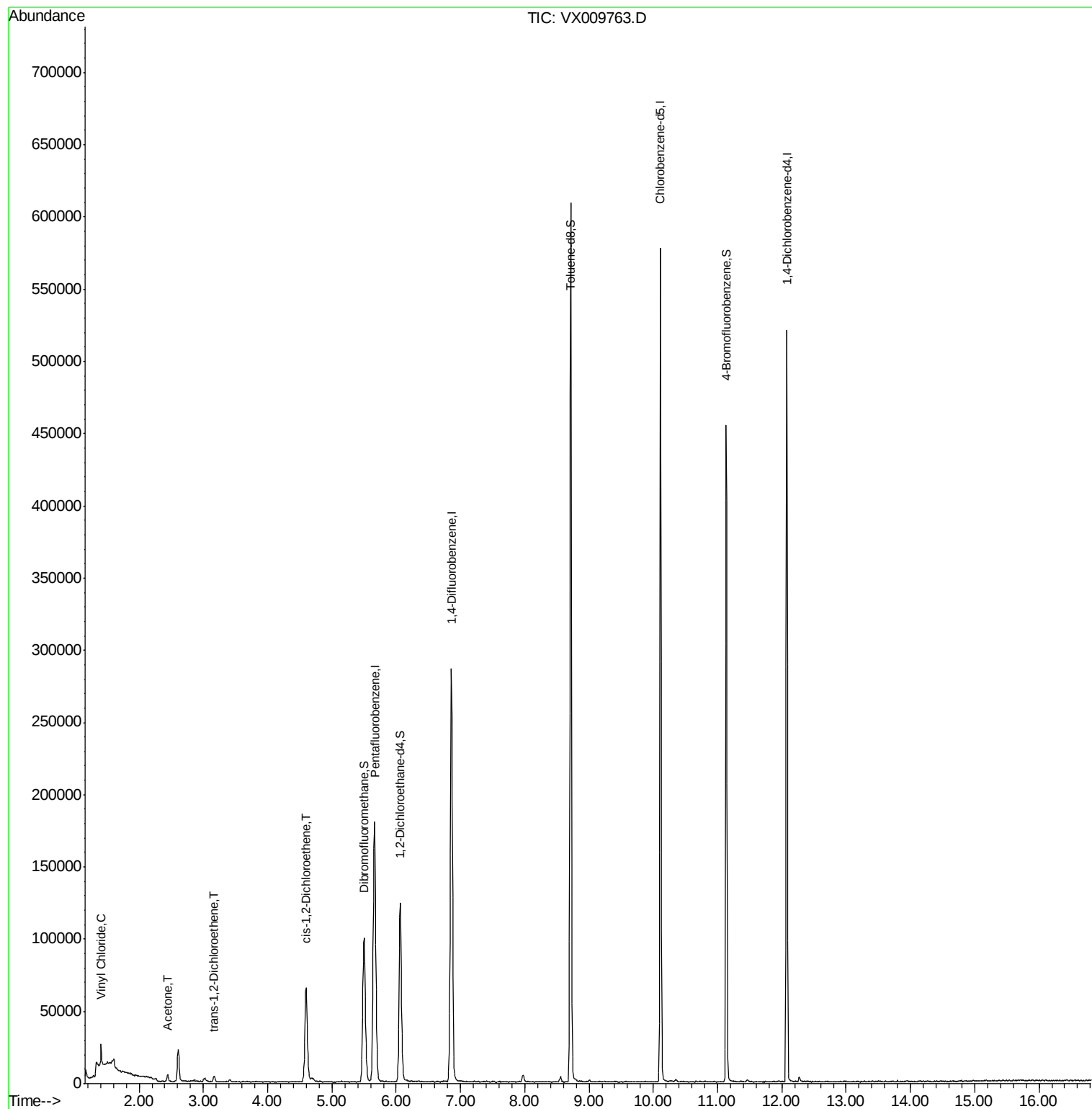
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117385	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.50	113	84745	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	350655	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	118462	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
4) Vinyl Chloride	1.41	62	9925	4.652	ug/l	95
16) Acetone	2.44	43	5349	4.196	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	1358	0.767	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	40592	19.217	ug/l	90

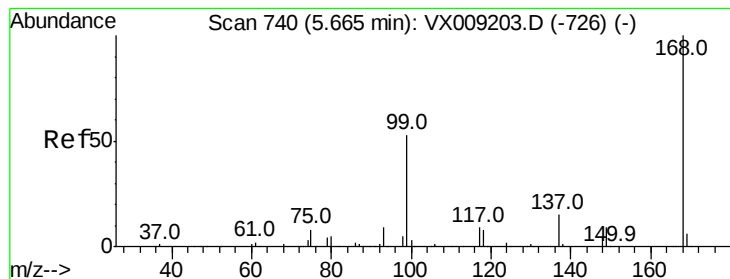
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009763.D

Acq: 21 May 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

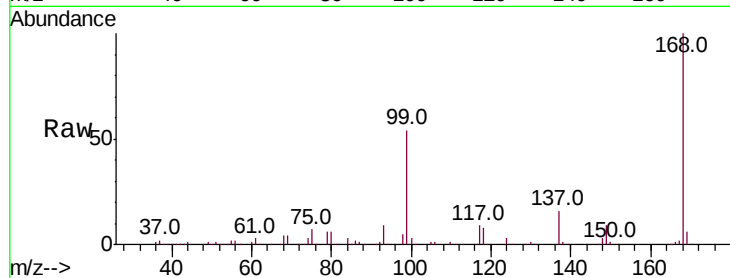
S36-0153

Tot Ion:168 Resp: 173907

Ion Ratio Lower Upper

168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

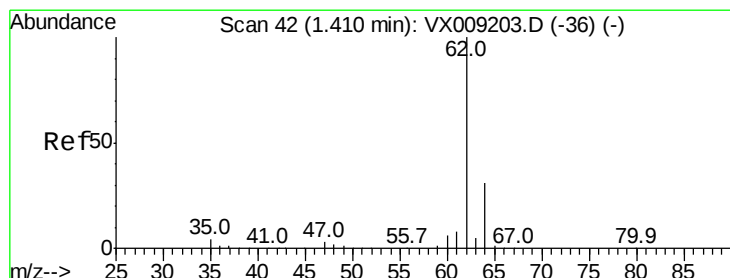
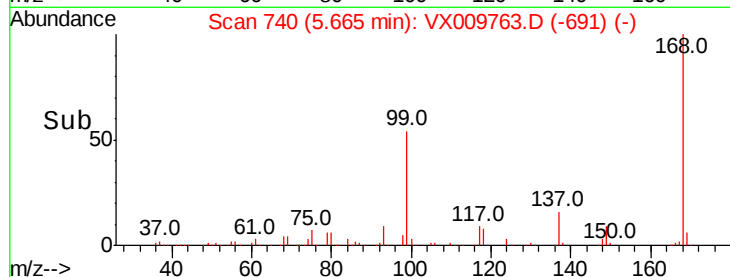
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 4.652 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009763.D

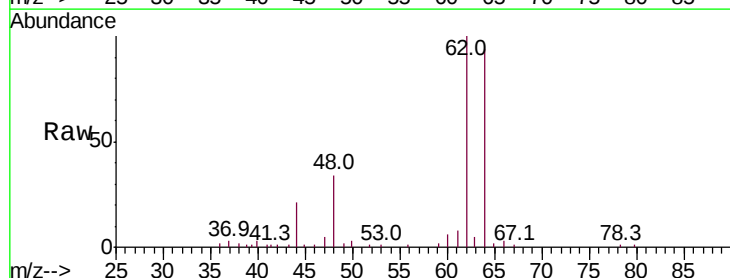
Acq: 21 May 2019 21:15

Tgt Ion: 62 Resp: 9925

Ion Ratio Lower Upper

62 100

64 33.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

10000

8000

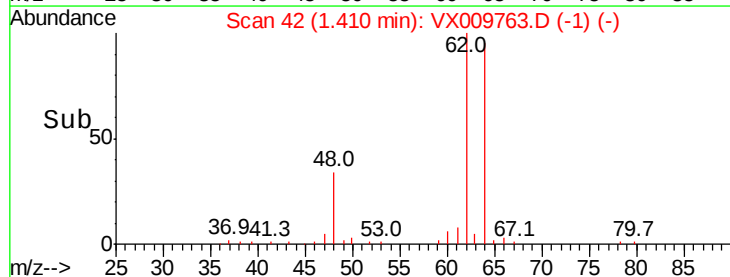
6000

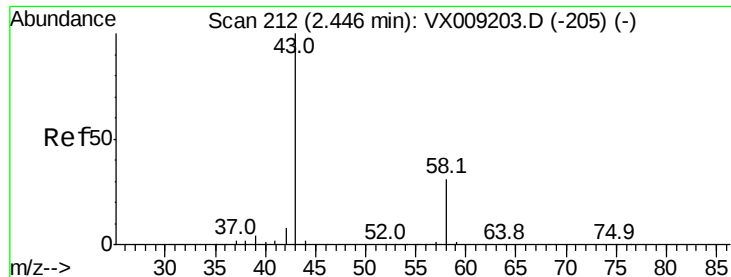
4000

2000

0

Time-->





#16

Acetone

Concen: 4.196 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009763.D

Acq: 21 May 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

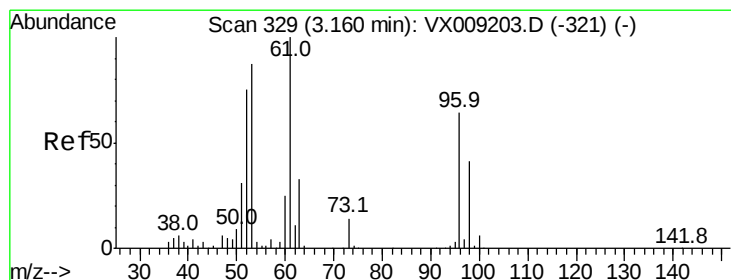
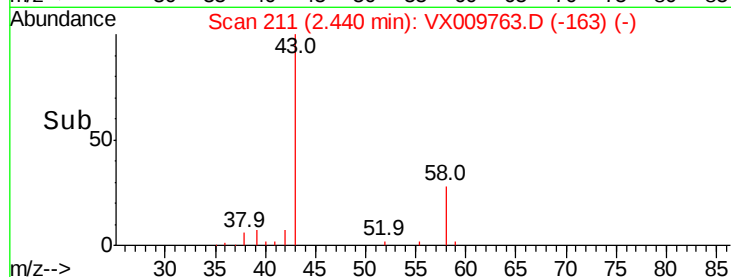
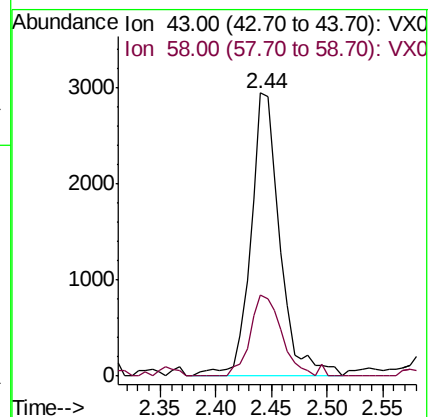
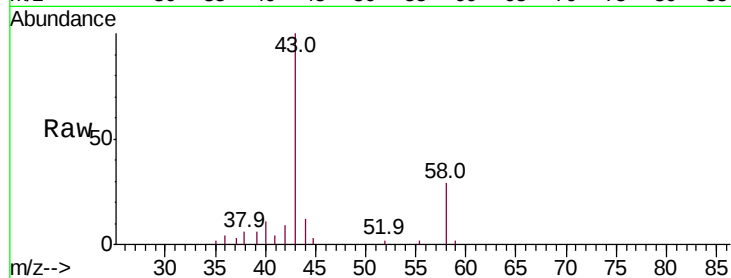
S36-0153

Tot Ion: 43 Resp: 5349

Ion Ratio Lower Upper

43 100

58 28.7 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 0.767 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009763.D

Acq: 21 May 2019 21:15

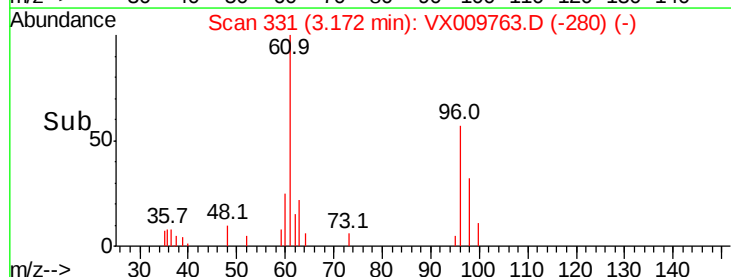
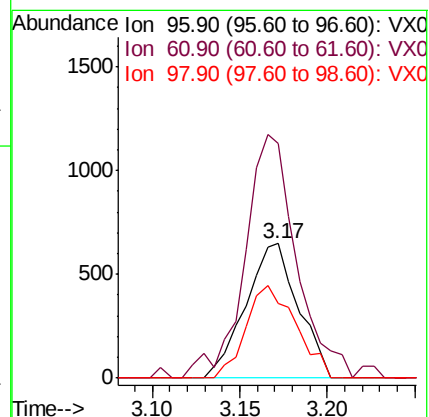
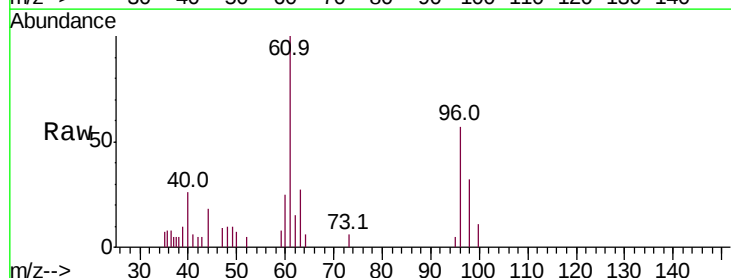
Tgt Ion: 96 Resp: 1358

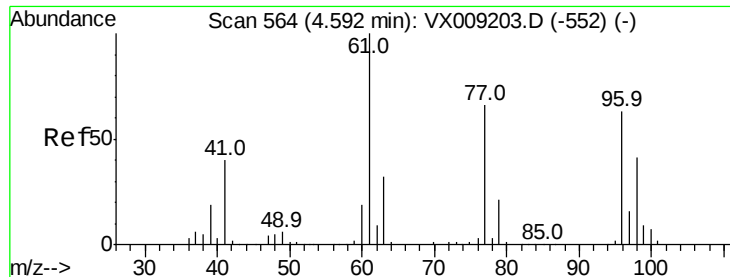
Ion Ratio Lower Upper

96 100

61 165.3 124.5 186.7

98 55.6 50.4 75.6



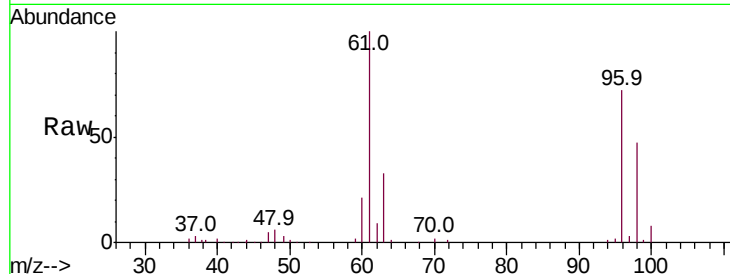


#27

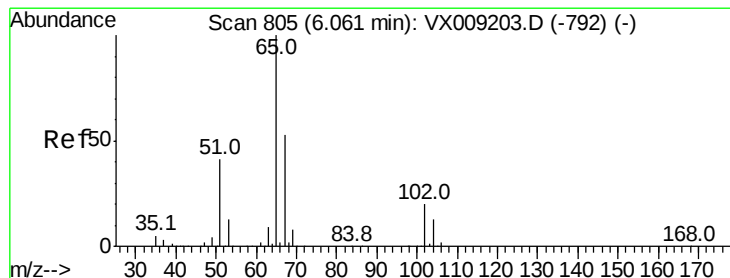
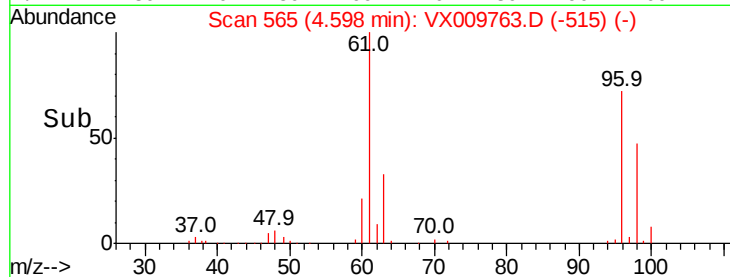
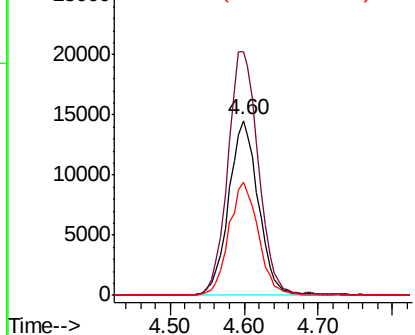
cis-1,2-Dichloroethene
 Concen: 19.217 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009763.D
 Acq: 21 May 2019 21:15

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153

Tot Ion: 96 Resp: 40592
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 324.0
 98 64.2 0.0 130.4



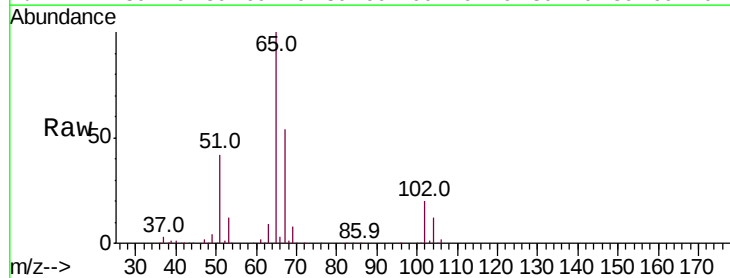
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



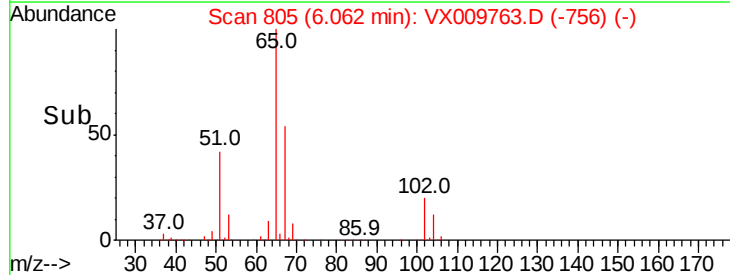
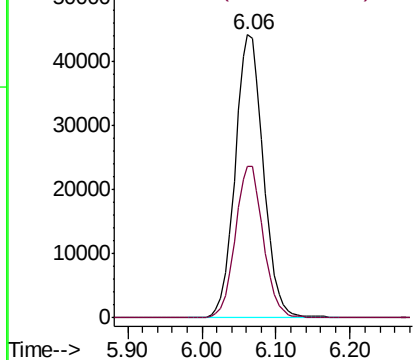
#33

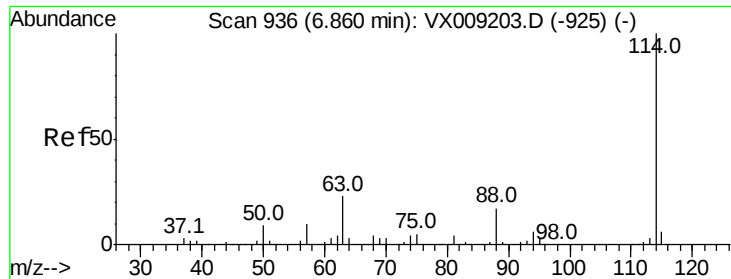
1,2-Dichloroethane-d4
 Concen: 49.445 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009763.D
 Acq: 21 May 2019 21:15

Tgt Ion: 65 Resp: 117385
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

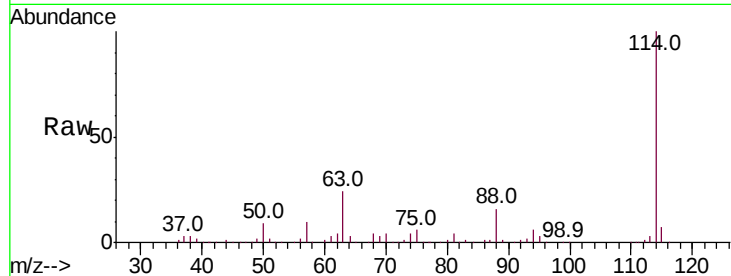




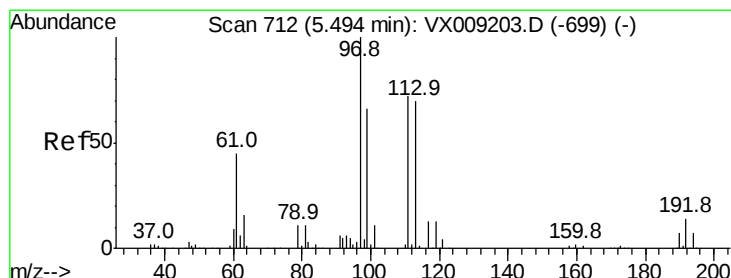
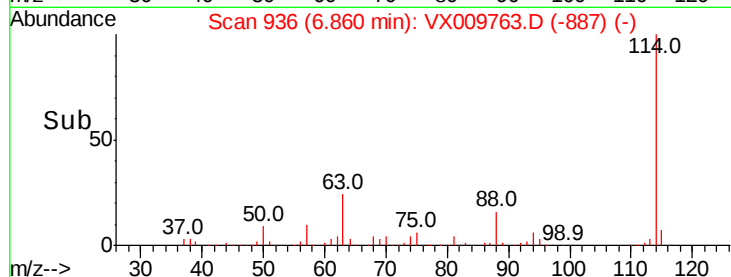
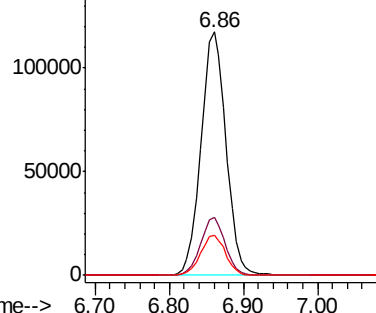
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009763.D
 Acq: 21 May 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	45.6
88	16.3	0.0	33.2

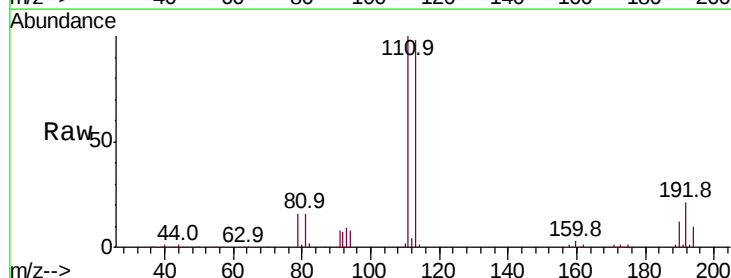


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

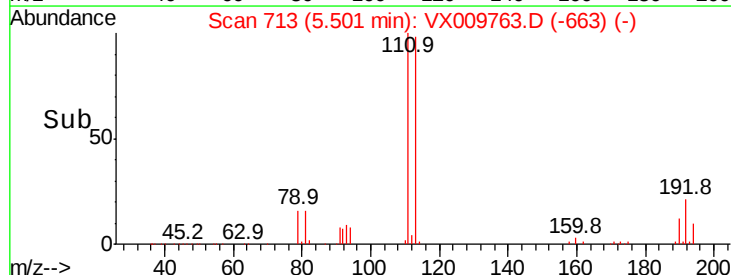
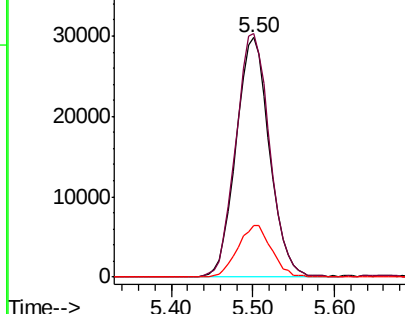


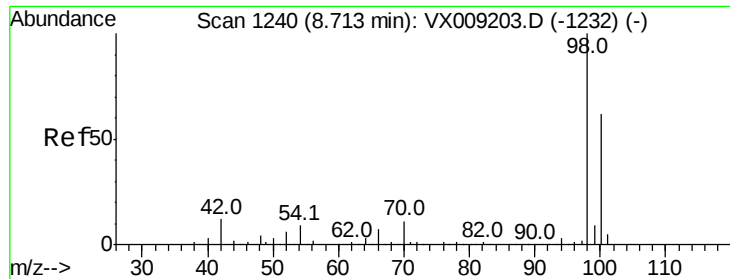
#35
 Dibromofluoromethane
 Concen: 48.748 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009763.D
 Acq: 21 May 2019 21:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	21.8	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: 49.962 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009763.D

Acq: 21 May 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

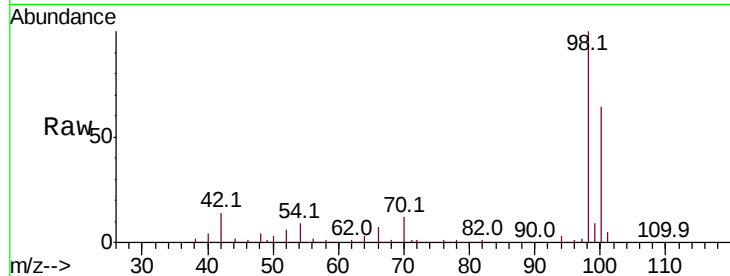
S36-0153

Tot Ion: 98 Resp: 350655

Ion Ratio Lower Upper

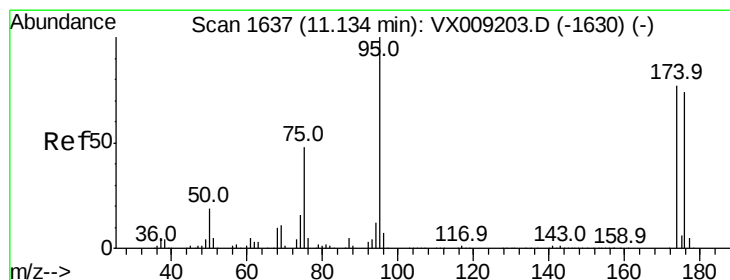
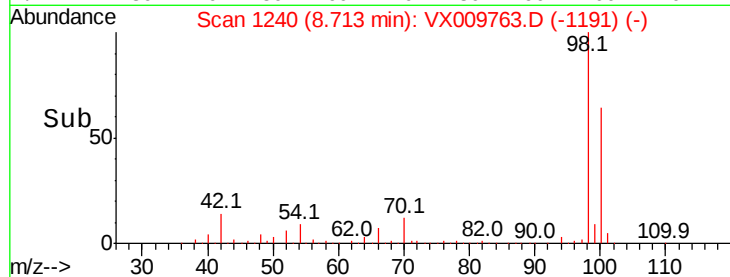
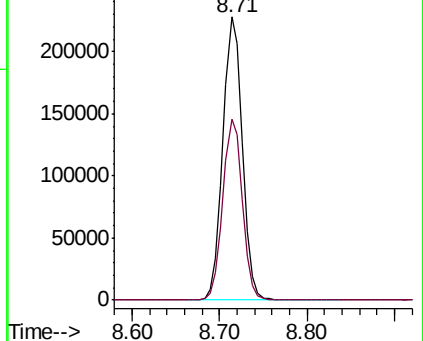
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 46.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009763.D

Acq: 21 May 2019 21:15

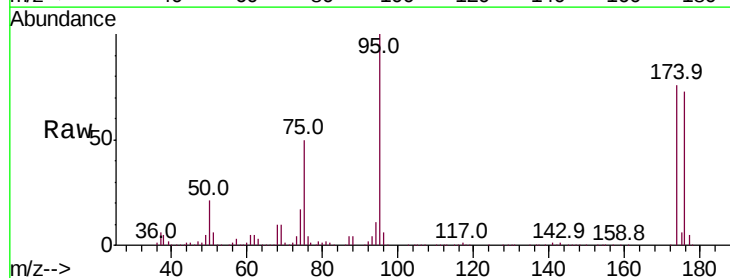
Tgt Ion: 95 Resp: 118462

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

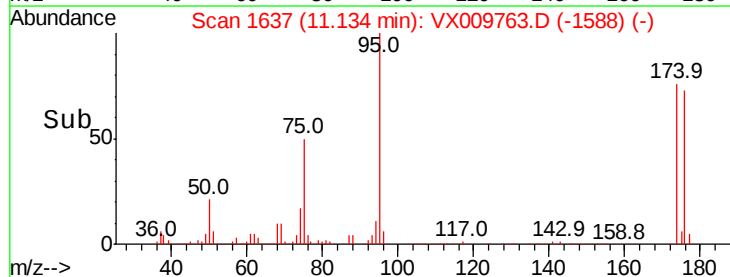
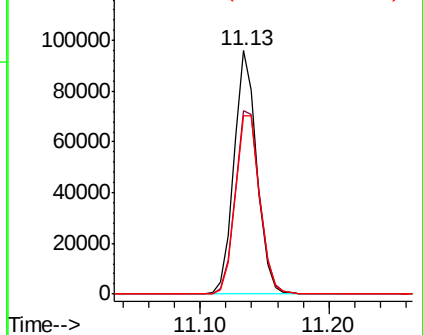
176 78.8 0.0 159.2

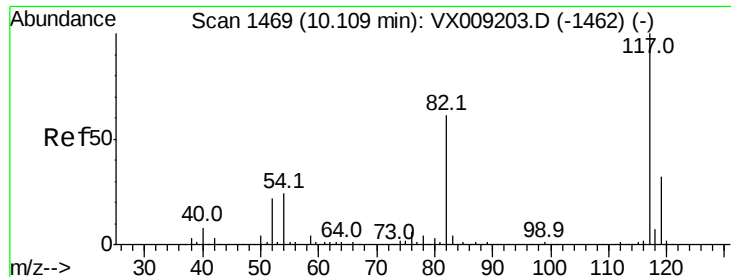


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

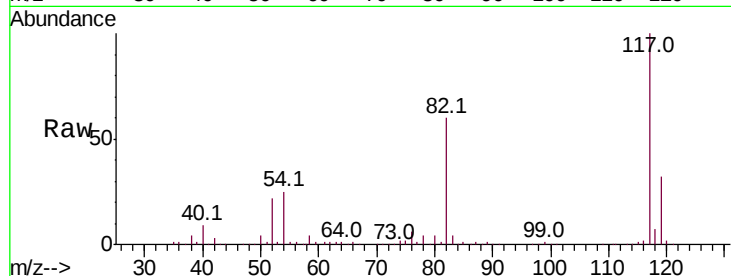




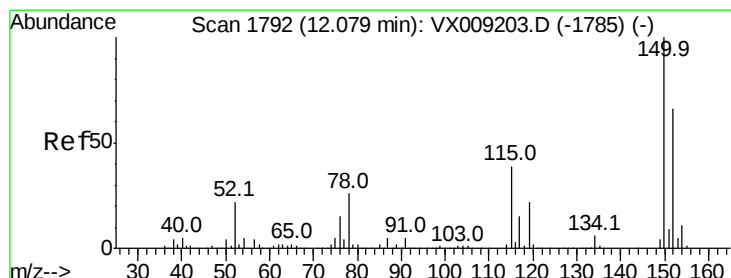
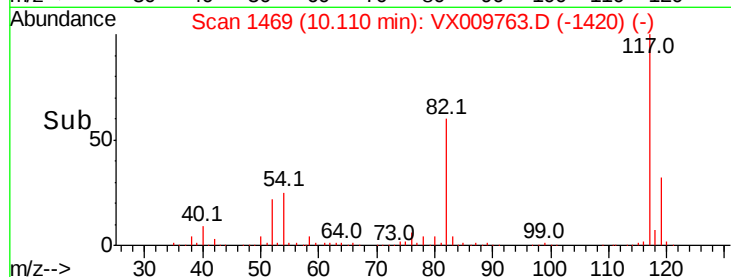
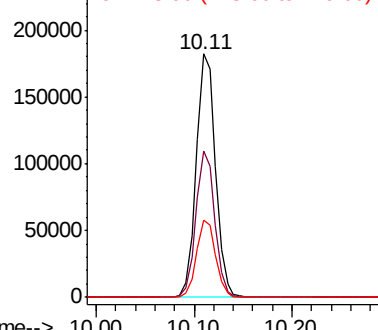
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009763.D
Acq: 21 May 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
S36-0153

Tot Ion:117 Resp: 248516
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.6 25.8 38.6

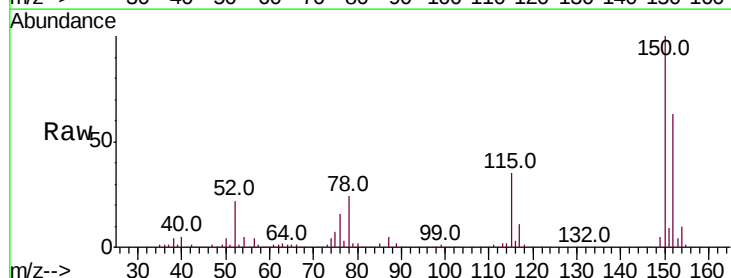


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009763.D
Acq: 21 May 2019 21:15

Tgt Ion:152 Resp: 107963
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 157.0 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

