

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009935.D
 Acq On : 29 May 2019 13:19
 Operator : JC/SP
 Sample : K3038-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-190523

Quant Time: May 30 01:52:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

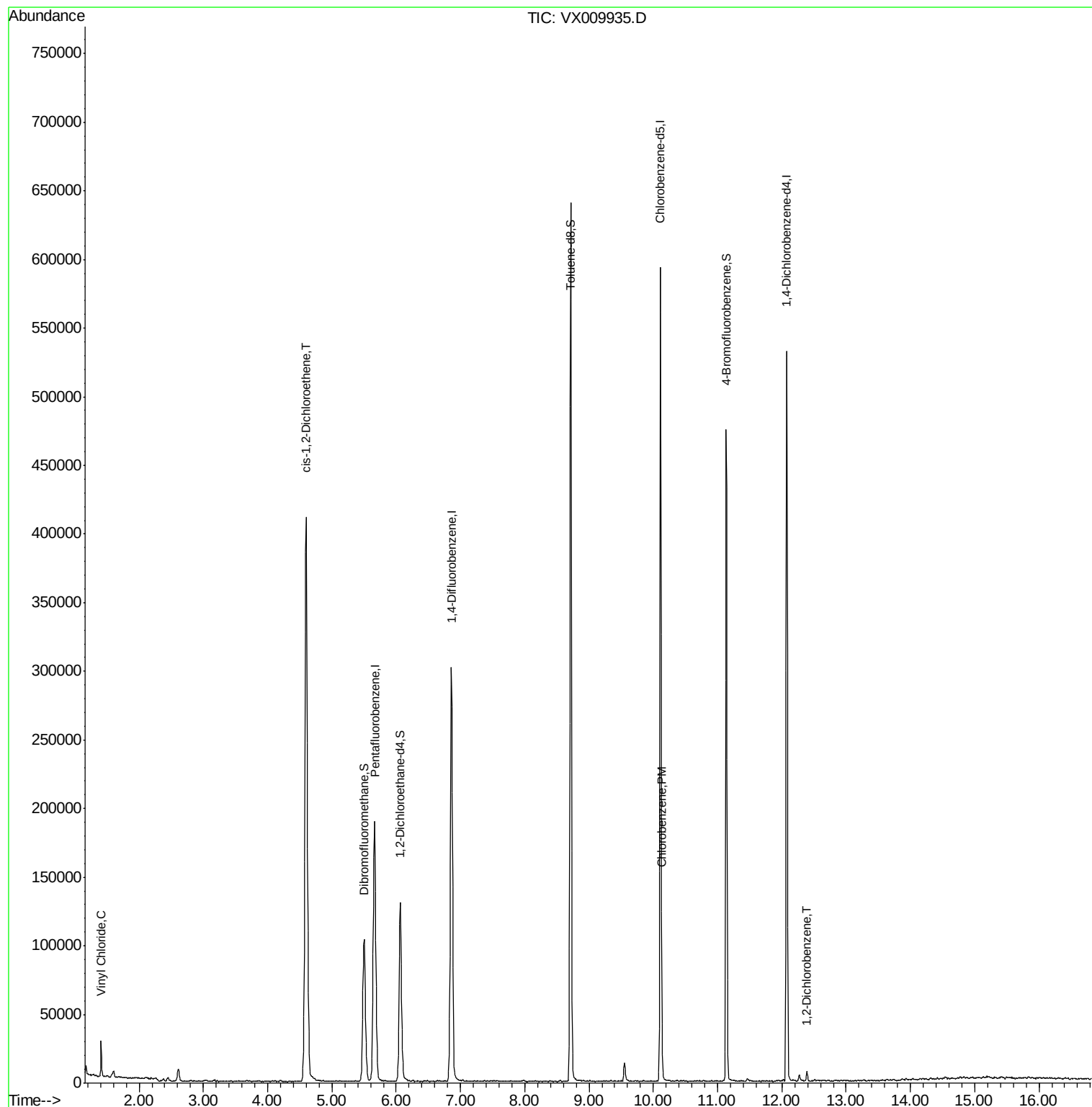
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122803	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	90151	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	364925	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	123406	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
4) Vinyl Chloride	1.41	62	16631	6.181	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	249705	105.655	ug/l	88
65) Chlorobenzene	10.13	112	4264	0.793	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	2026	0.550	ug/l	98

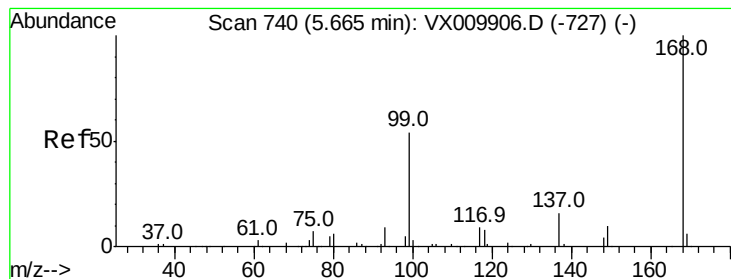
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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: VX009935.D

Acq: 29 May 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

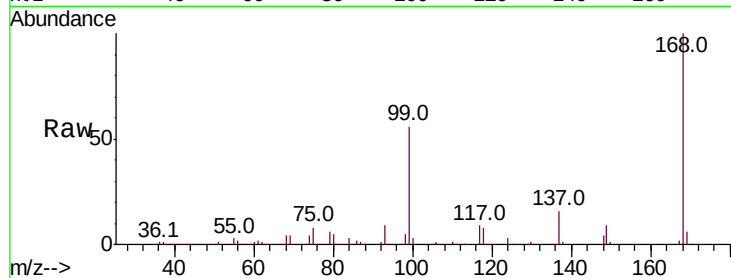
LF012MW001-190523

Tot Ion:168 Resp: 181697

Ion Ratio Lower Upper

168 100

99 55.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

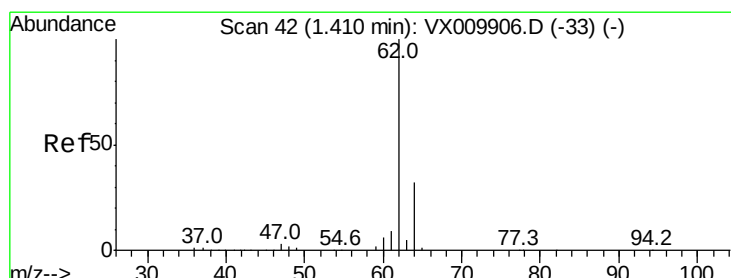
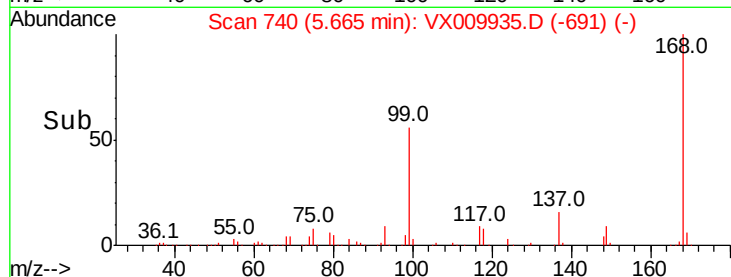
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.181 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009935.D

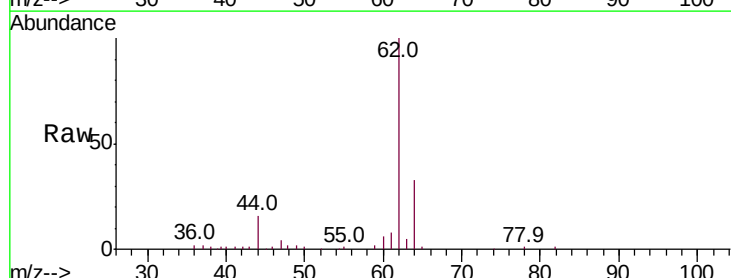
Acq: 29 May 2019 13:19

Tgt Ion: 62 Resp: 16631

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

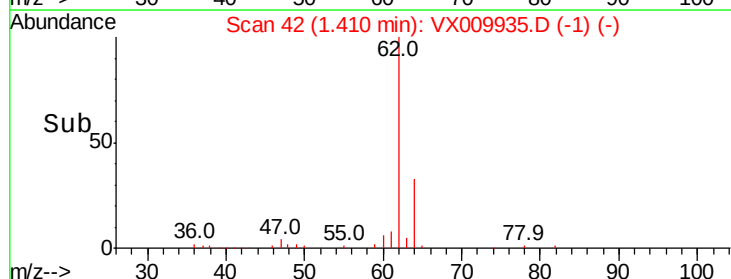
15000

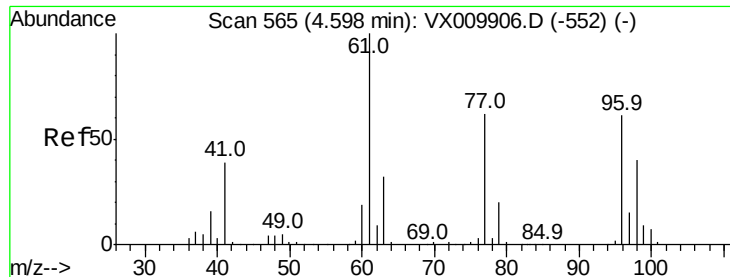
10000

5000

0

Time--> 1.35 1.40 1.45



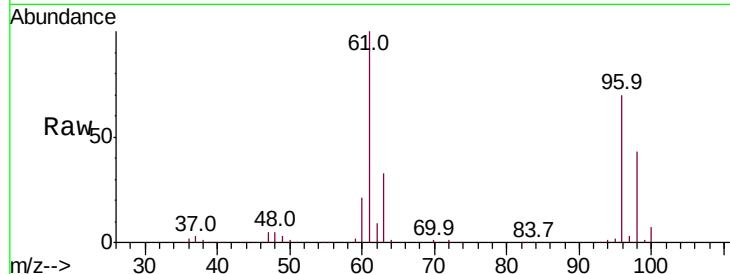


#27

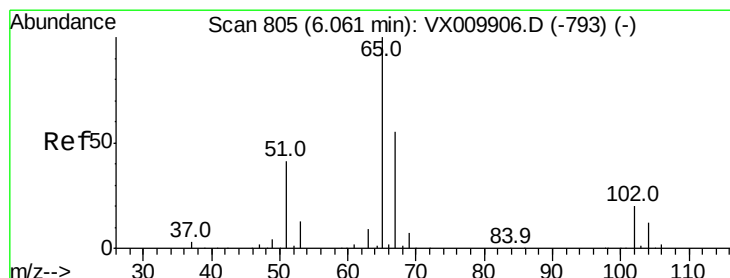
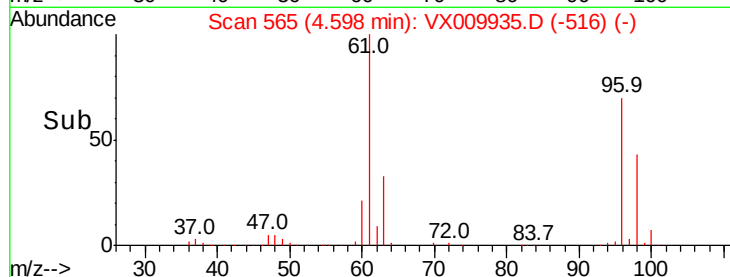
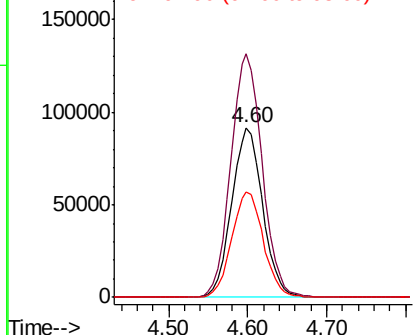
cis-1,2-Dichloroethene
 Concen: 105.655 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009935.D
 Acq: 29 May 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-190523

Tot Ion	96	Resp	249705
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	334.0
98	63.5	0.0	131.6



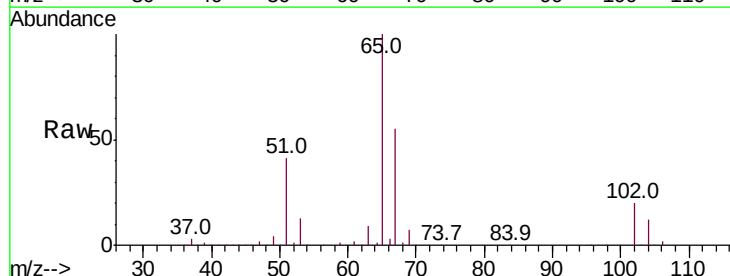
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



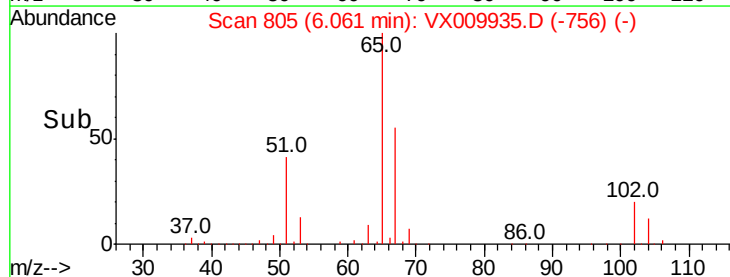
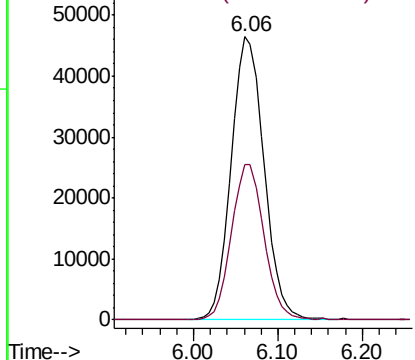
#33

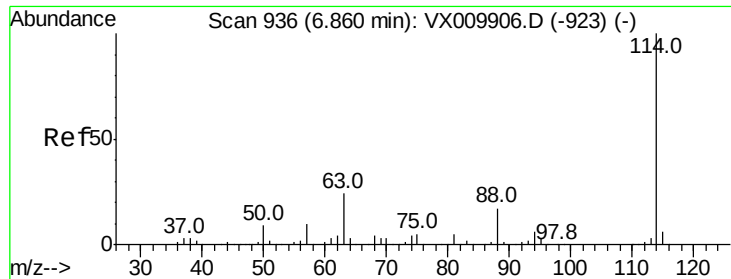
1,2-Dichloroethane-d4
 Concen: 47.846 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009935.D
 Acq: 29 May 2019 13:19

Tgt Ion	65	Resp	122803
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4



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

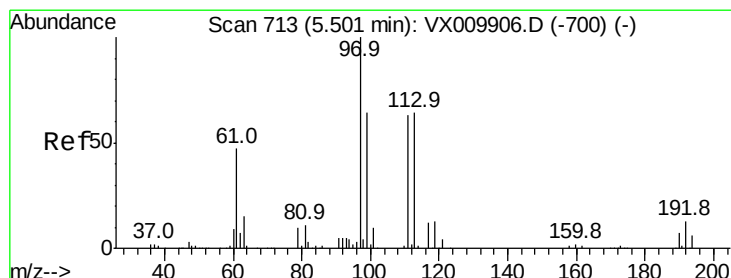
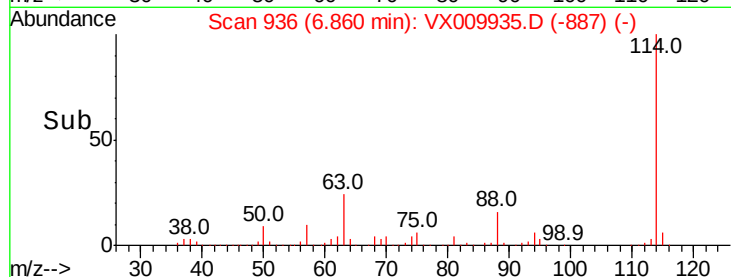
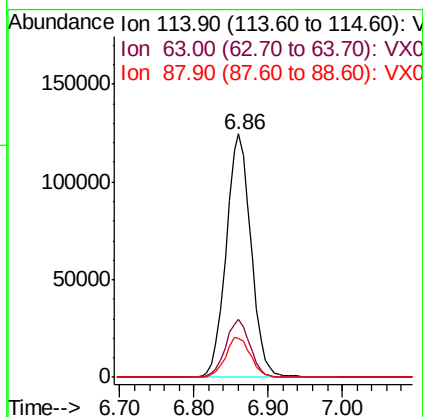
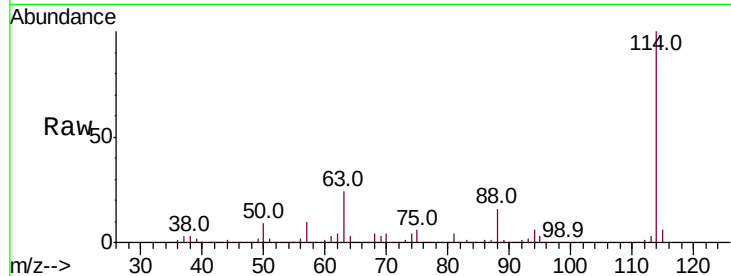




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009935.D
 Acq: 29 May 2019 13:19

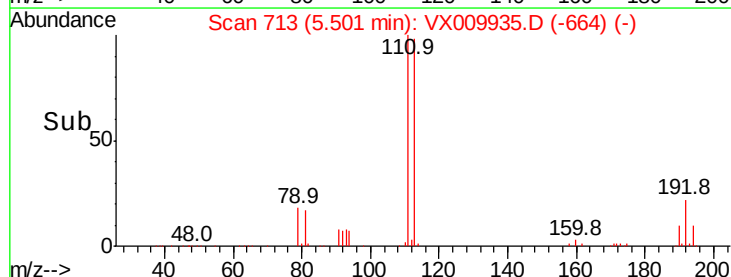
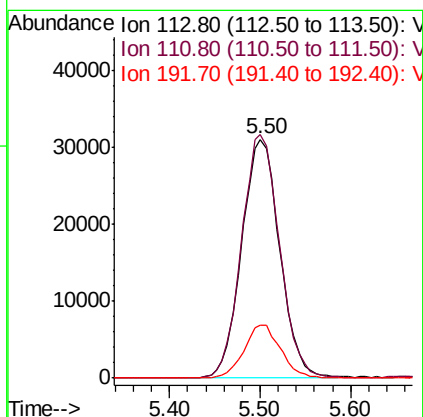
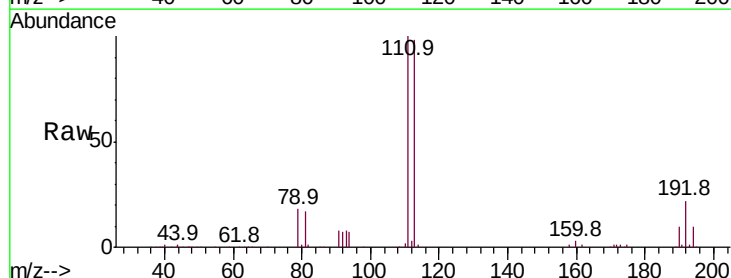
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-190523

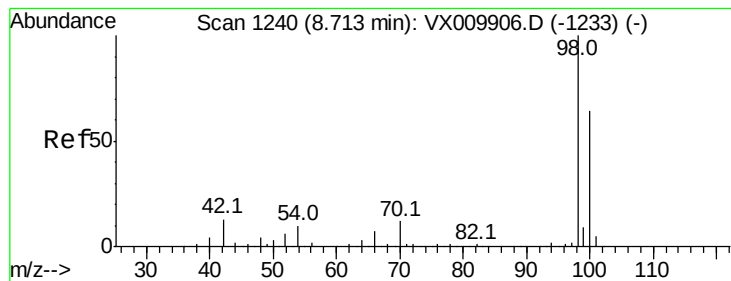
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.4
88	16.1	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.303 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009935.D
 Acq: 29 May 2019 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	21.4	17.1	25.7





#50

Toluene-d8

Concen: 49.147 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009935.D

Acq: 29 May 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

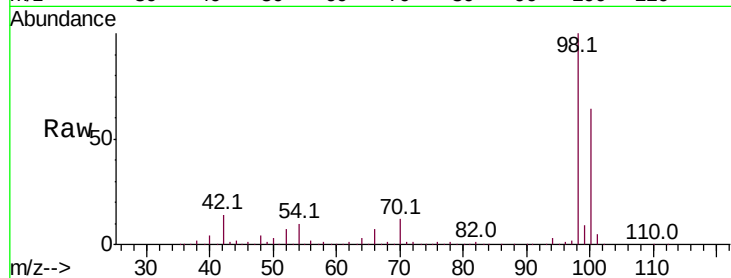
LF012MW001-190523

Tot Ion: 98 Resp: 364925

Ion Ratio Lower Upper

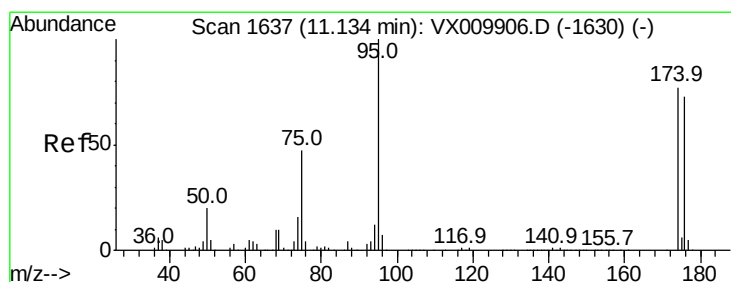
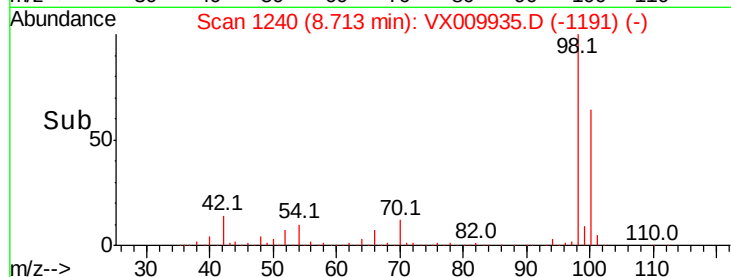
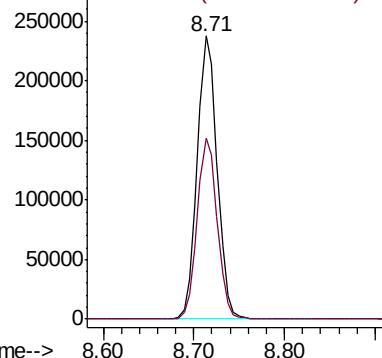
98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009935.D

Acq: 29 May 2019 13:19

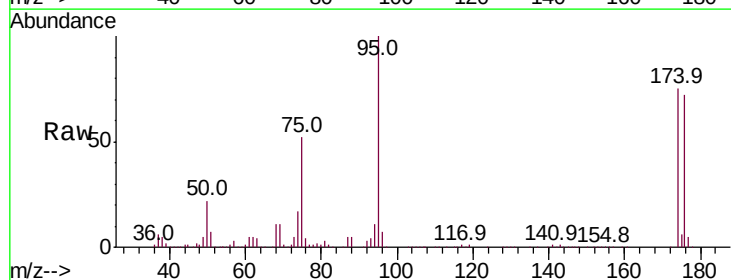
Tgt Ion: 95 Resp: 123406

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

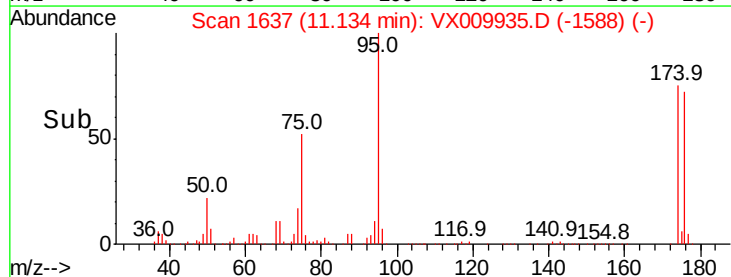
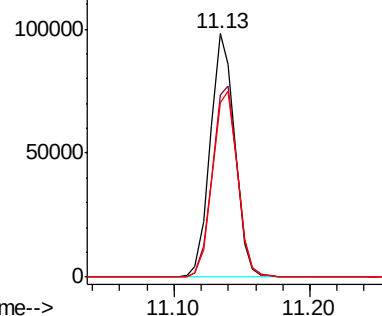
176 77.9 0.0 154.6

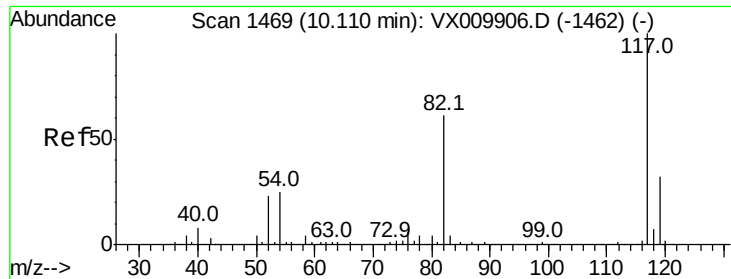


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

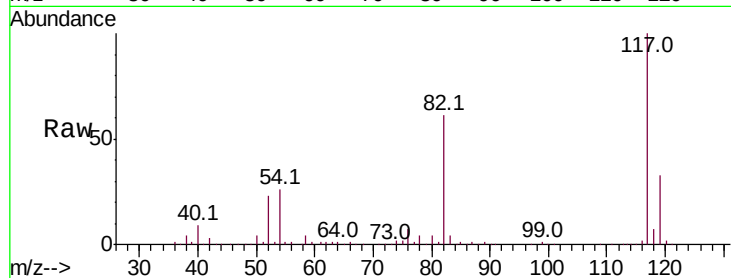




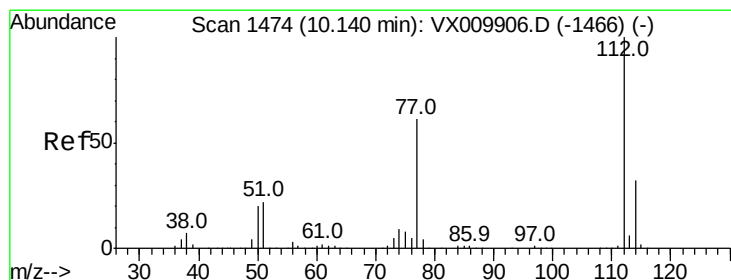
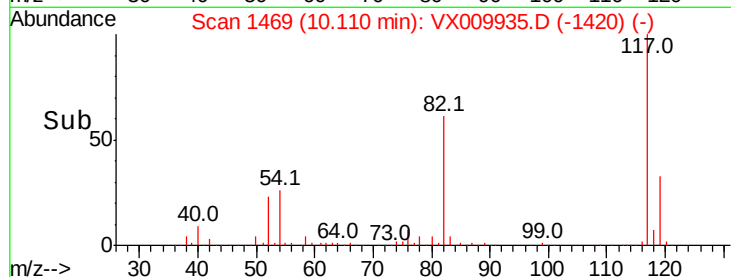
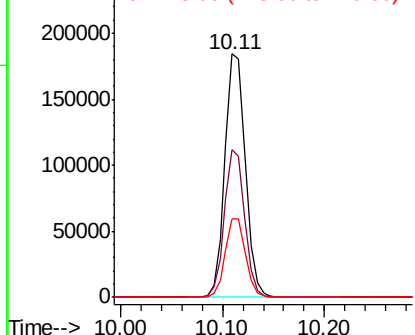
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009935.D
Acq: 29 May 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
LF012MW001-190523

Tot Ion:117 Resp: 257000
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.5 25.2 37.8

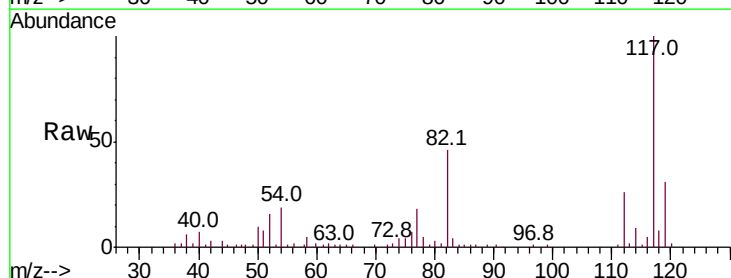


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

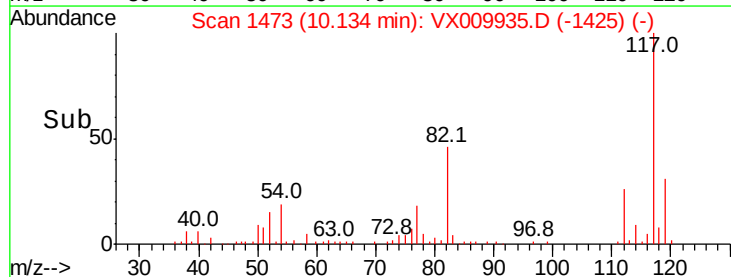
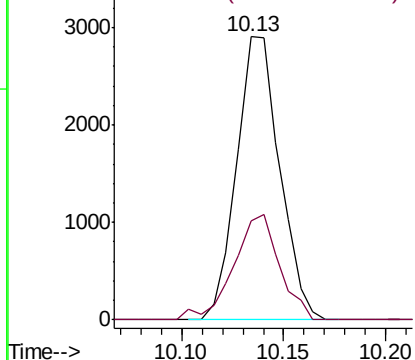


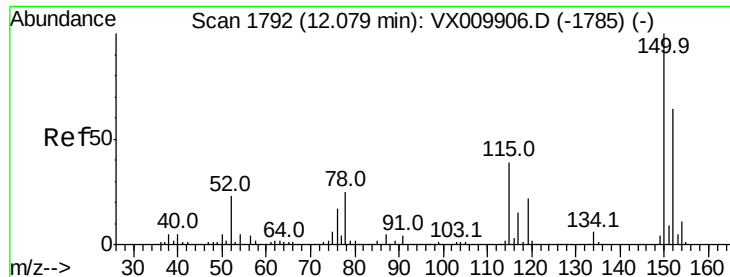
#65
Chlorobenzene
Concen: 0.793 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009935.D
Acq: 29 May 2019 13:19

Tgt Ion:112 Resp: 4264
Ion Ratio Lower Upper
112 100
114 35.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX009935.D

Acq: 29 May 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

LF012MW001-190523

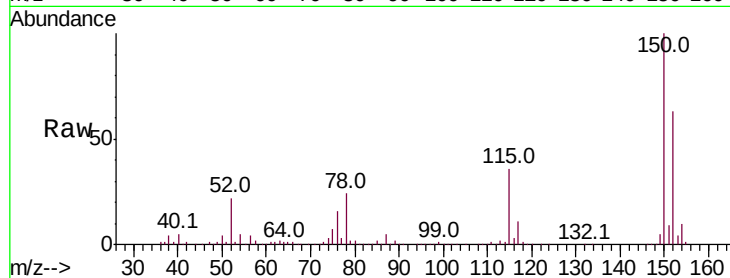
Tot Ion:152 Resp: 111702

Ion Ratio Lower Upper

152 100

115 57.9 41.4 124.2

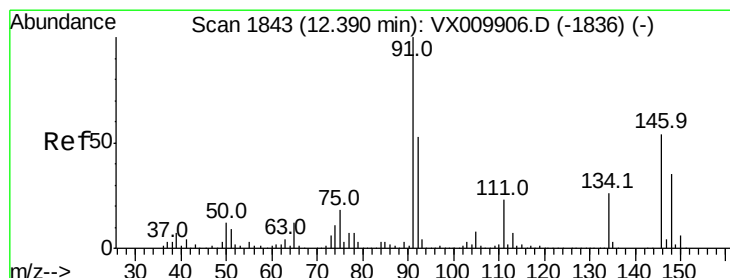
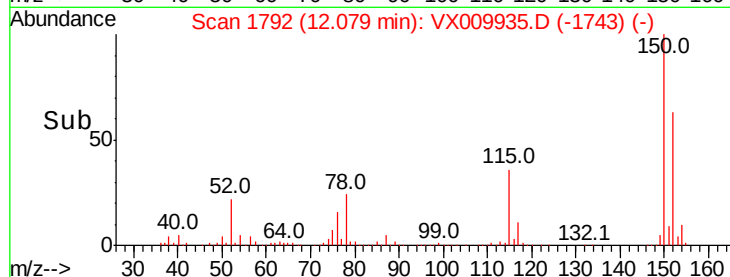
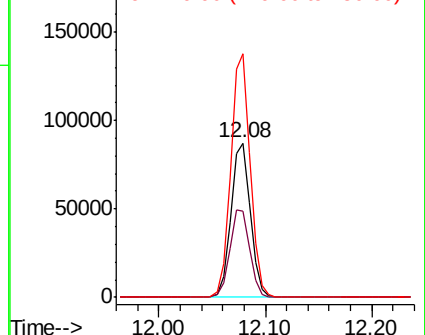
150 156.9 0.0 345.2



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



#91

1,2-Dichlorobenzene

Concen: 0.550 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009935.D

Acq: 29 May 2019 13:19

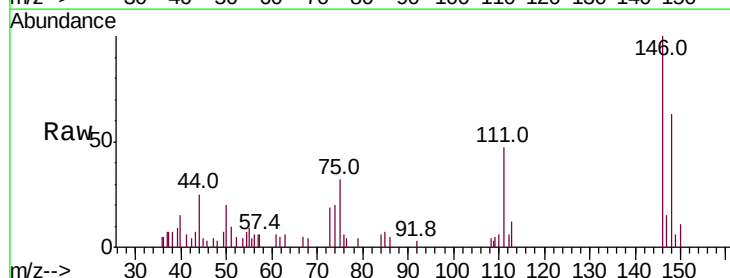
Tgt Ion:146 Resp: 2026

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.1

148 67.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

