

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010732.D
 Acq On : 09 Jul 2019 06:13
 Operator : JC/SP
 Sample : K3691-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

Quant Time: Jul 09 08:08:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110537	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	5.50	113	106070	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	408441	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	139748	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	

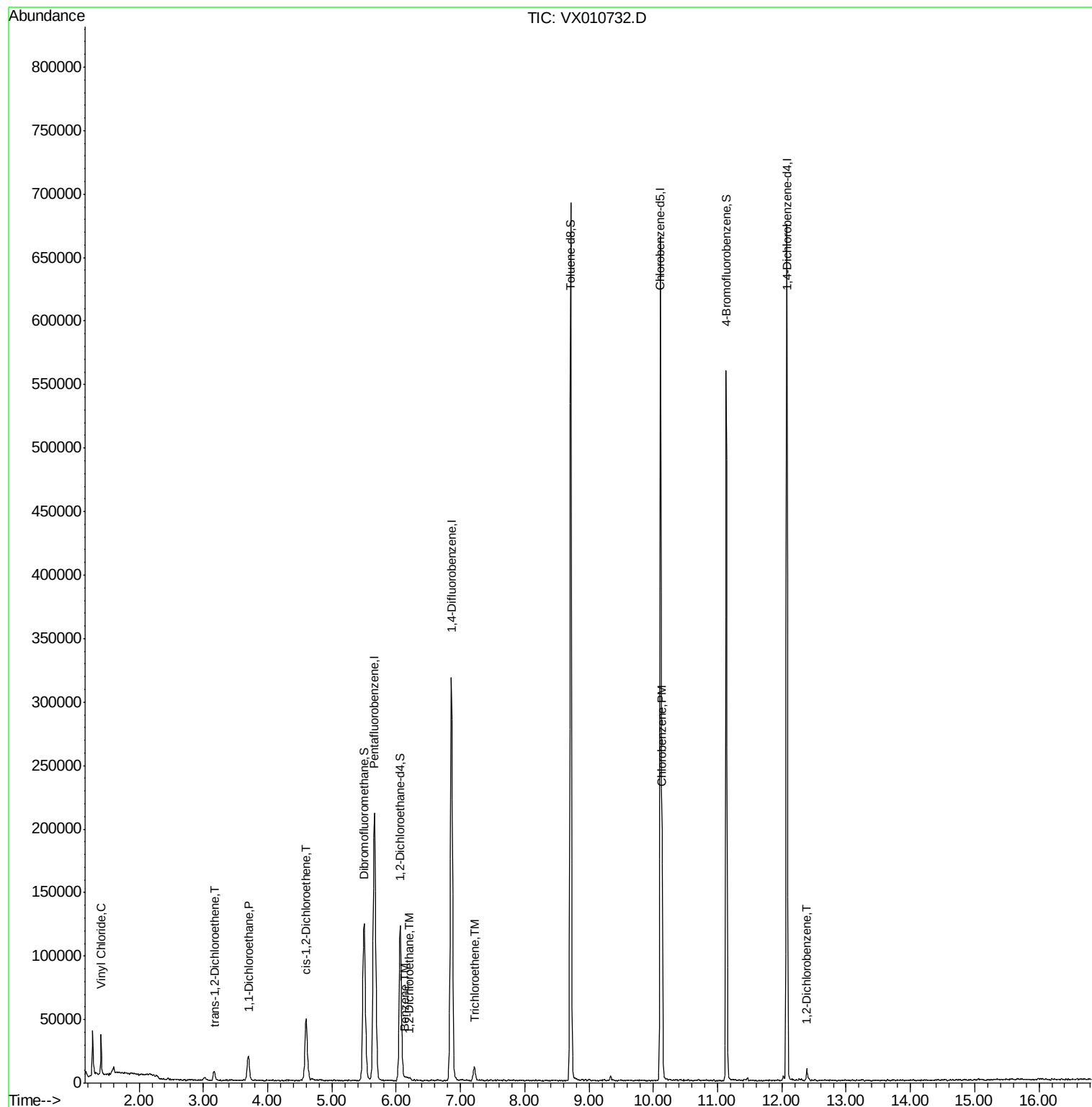
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	20884	10.721	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	3013	1.471	ug/l	99
24) 1,1-Dichloroethane	3.70	63	21222	6.496	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	33690	14.236	ug/l	93
40) Benzene	6.14	78	2462	0.288	ug/l	96
42) 1,2-Dichloroethane	6.20	62	2260	0.867	ug/l	98
44) Trichloroethene	7.21	130	4513	1.762	ug/l	87
65) Chlorobenzene	10.14	112	79275	12.394	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	2721	0.562	ug/l	98

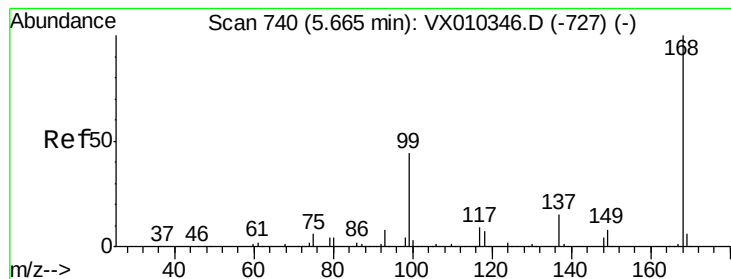
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010732.D

Acq: 09 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

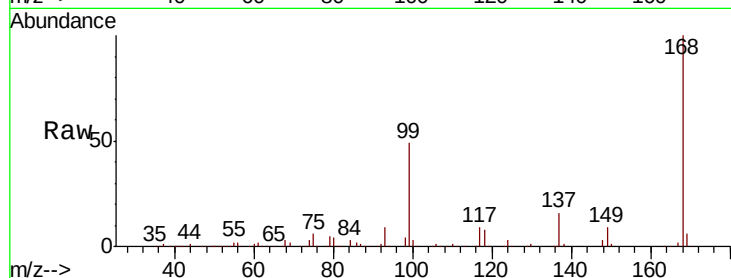
WP022MW357-190705

Tgt Ion:168 Resp: 219680

Ion Ratio Lower Upper

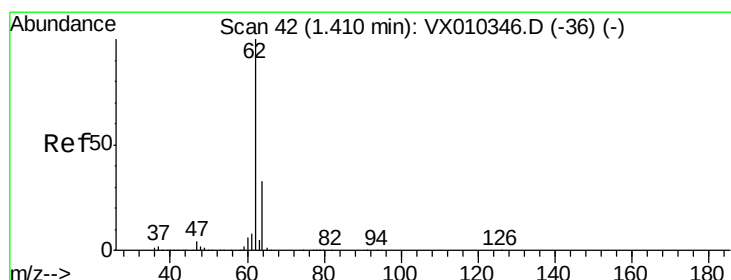
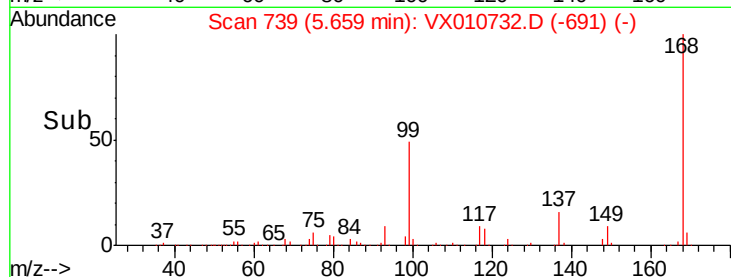
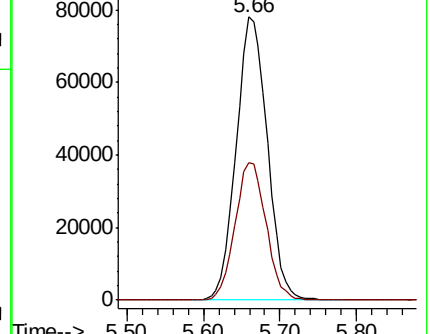
168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 10.721 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010732.D

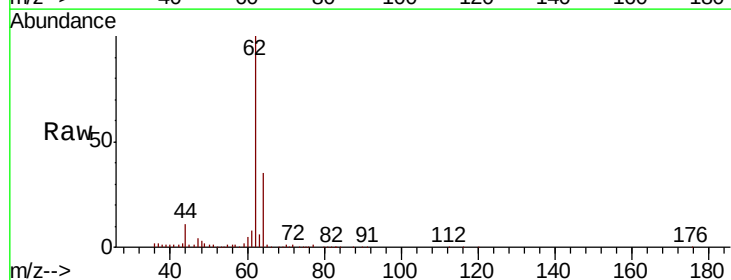
Acq: 09 Jul 2019 06:13

Tgt Ion: 62 Resp: 20884

Ion Ratio Lower Upper

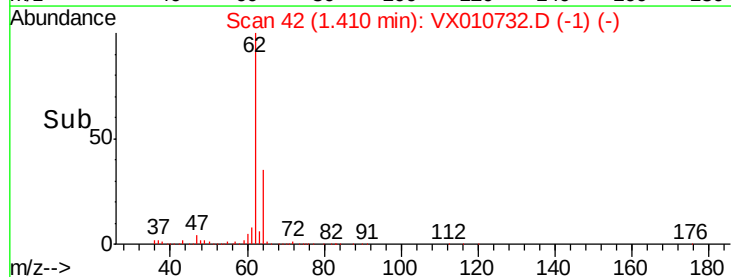
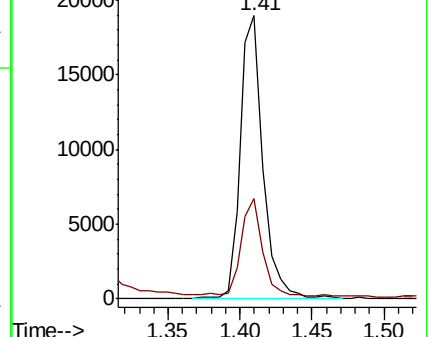
62 100

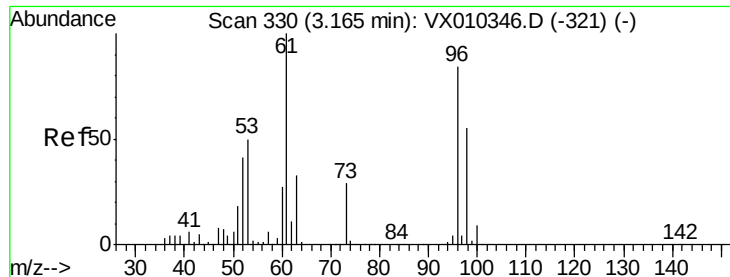
64 34.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

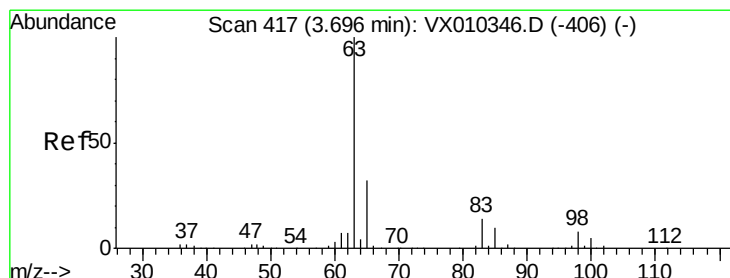
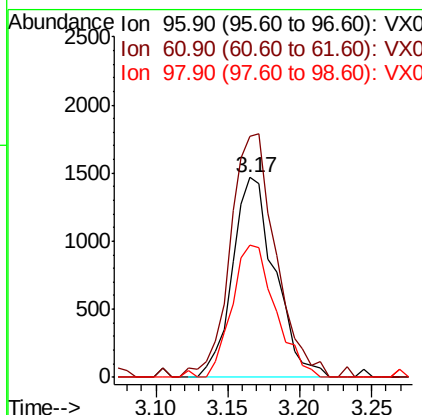
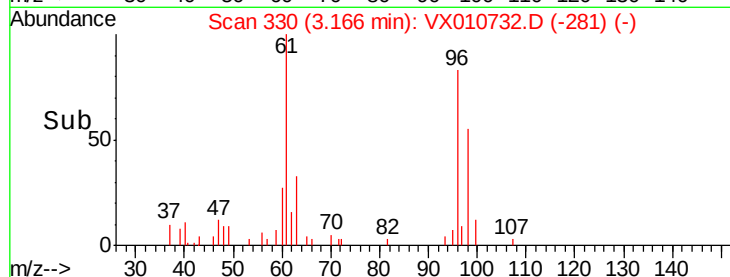
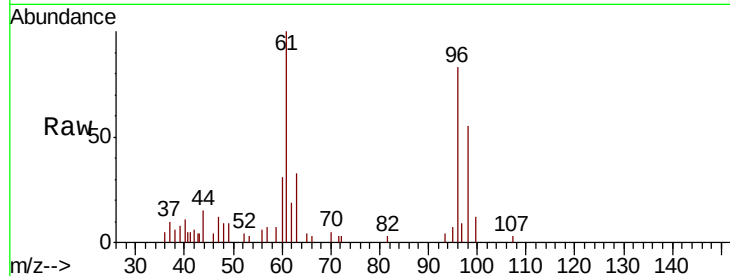




#21
trans-1,2-Dichloroethene
Concen: 1.471 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010732.D
Acq: 09 Jul 2019 06:13

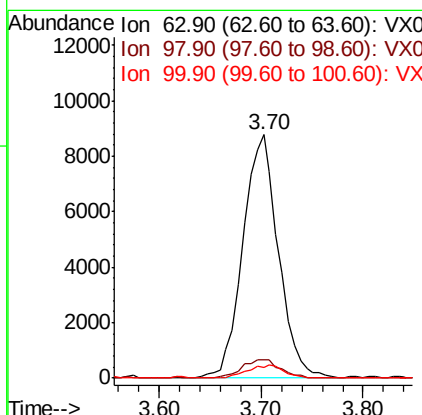
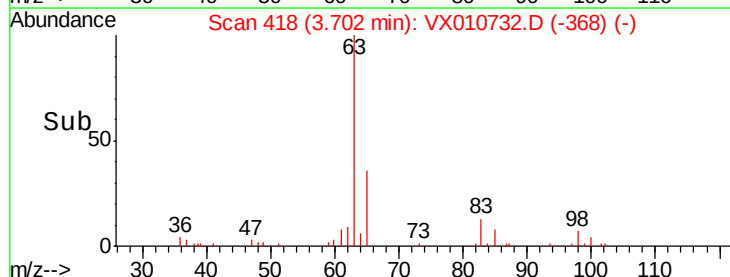
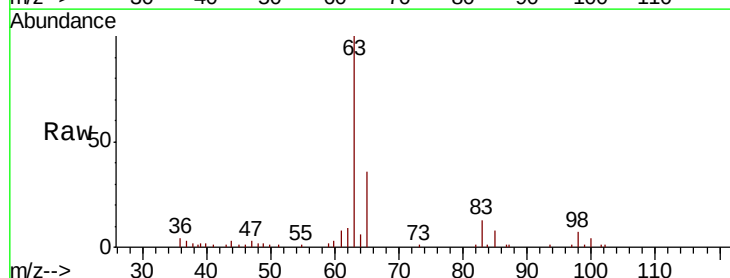
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190705

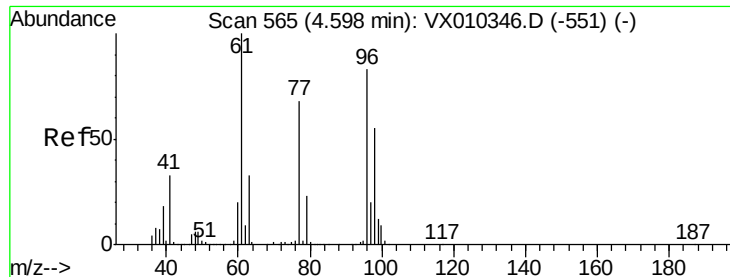
Tgt Ion: 96 Resp: 3013
Ion Ratio Lower Upper
96 100
61 120.5 95.6 143.4
98 66.1 52.5 78.7



#24
1,1-Dichloroethane
Concen: 6.496 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010732.D
Acq: 09 Jul 2019 06:13

Tgt Ion: 63 Resp: 21222
Ion Ratio Lower Upper
63 100
98 7.4 3.9 11.7
100 4.3 2.4 7.1



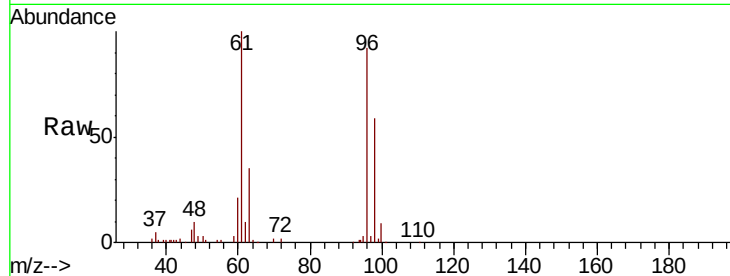


#27

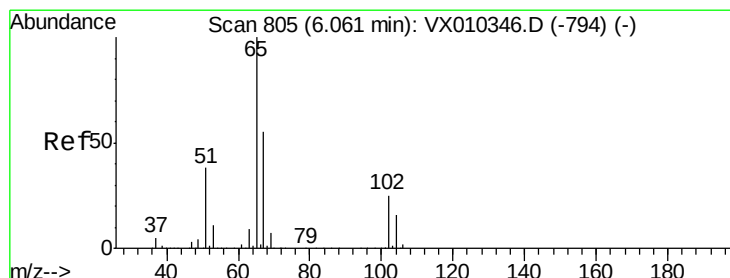
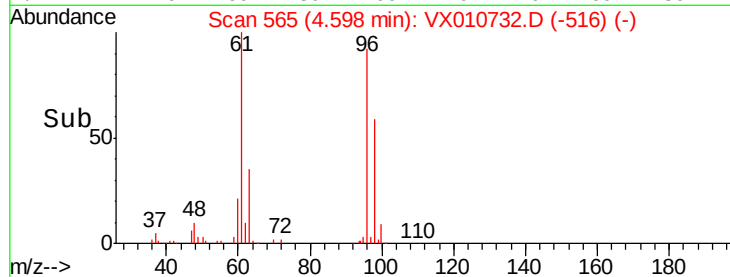
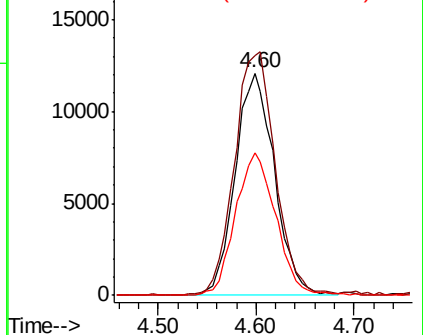
cis-1,2-Dichloroethene
 Concen: 14.236 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

Tgt Ion: 96 Resp: 33690
 Ion Ratio Lower Upper
 96 100
 61 113.9 0.0 251.8
 98 65.8 0.0 129.4



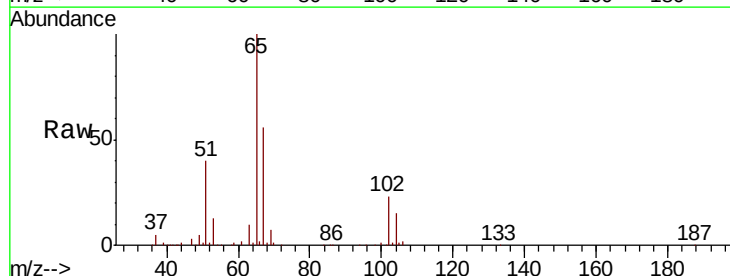
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



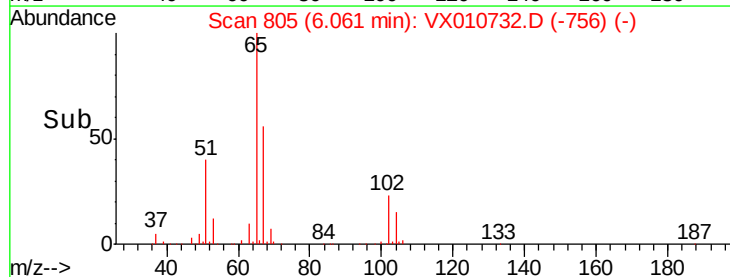
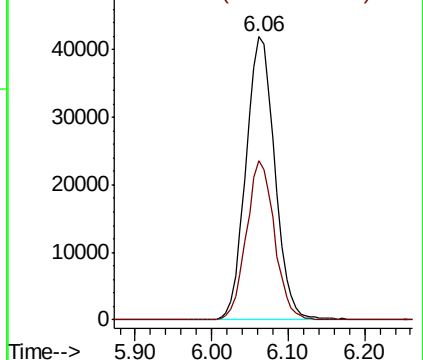
#33

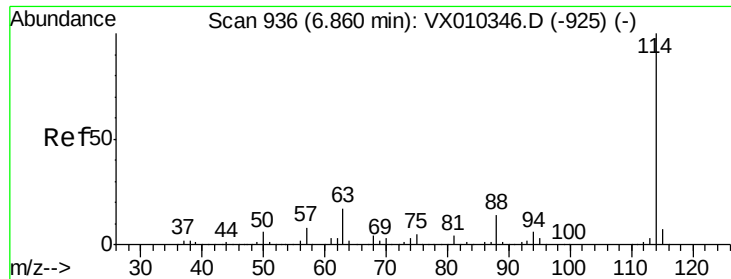
1,2-Dichloroethane-d4
 Concen: 53.666 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Tgt Ion: 65 Resp: 110537
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



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

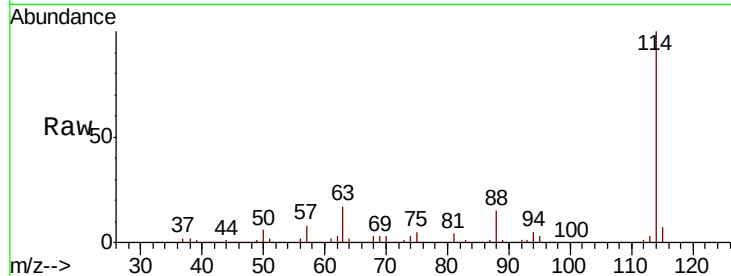




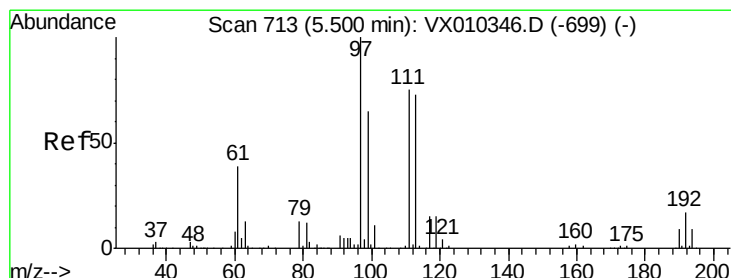
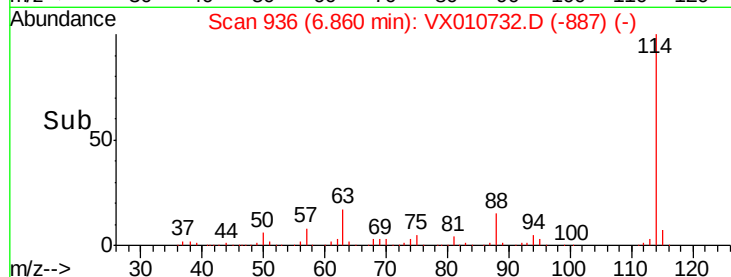
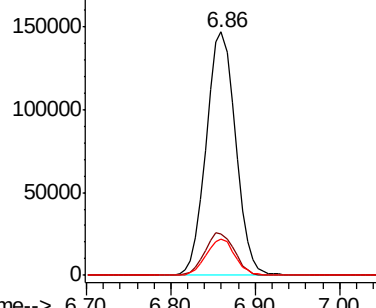
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

Tgt Ion:114 Resp: 345797
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.8 0.0 27.6

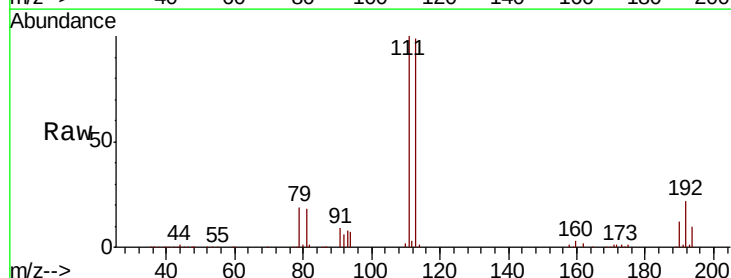


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

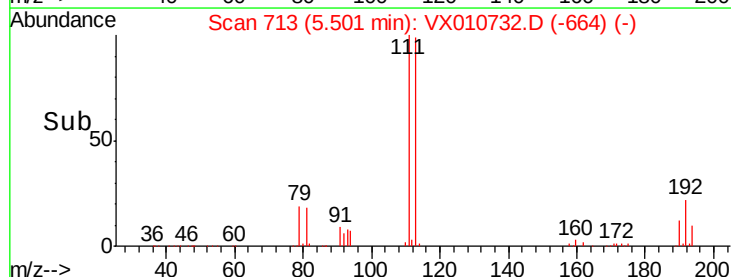
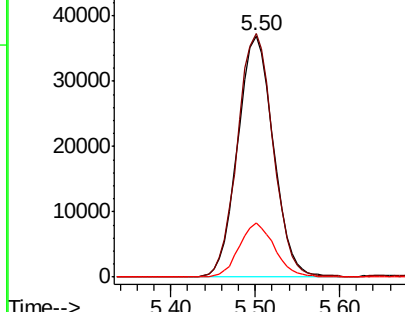


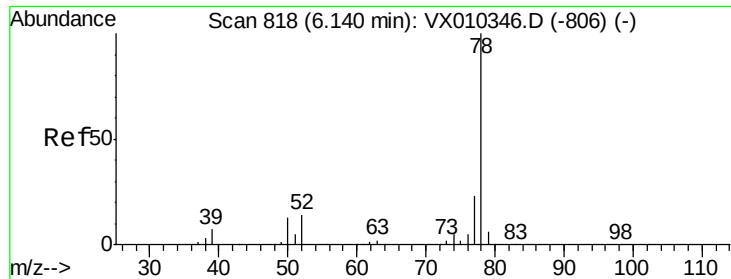
#35
 Dibromofluoromethane
 Concen: 50.134 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Tgt Ion:113 Resp: 106070
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.2 121.8
 192 22.0 18.6 27.8



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





#40

Benzene

Concen: 0.288 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010732.D

Acq: 09 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

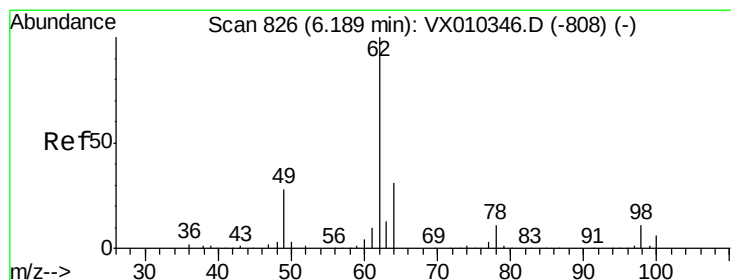
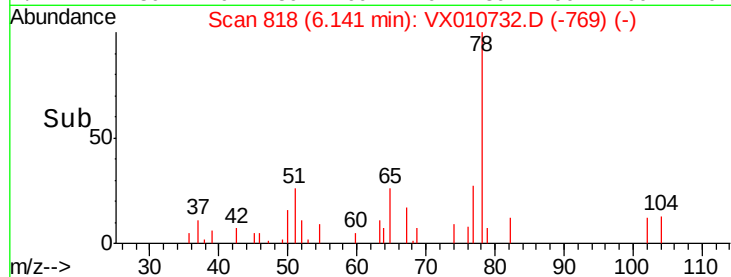
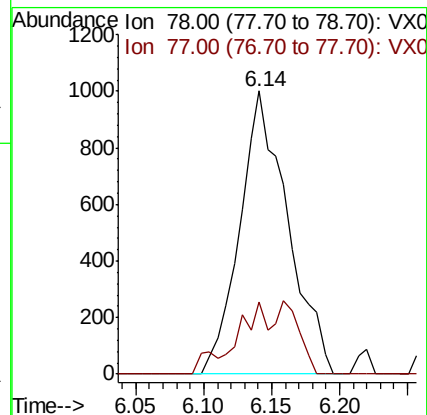
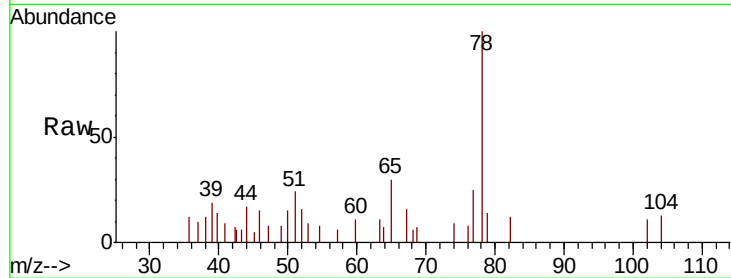
WP022MW357-190705

Tgt Ion: 78 Resp: 2462

Ion Ratio Lower Upper

78 100

77 25.5 18.6 28.0



#42

1,2-Dichloroethane

Concen: 0.867 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX010732.D

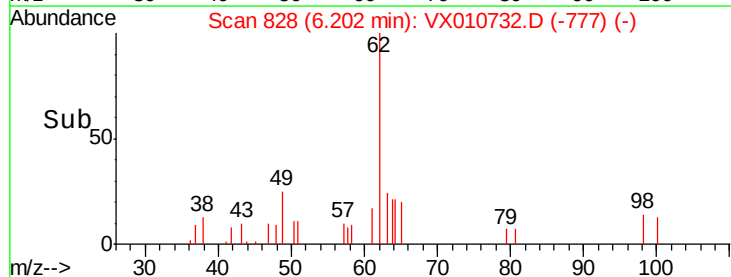
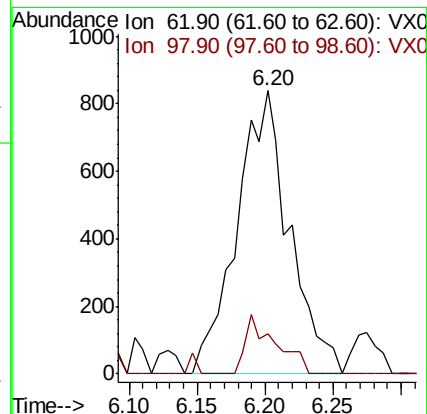
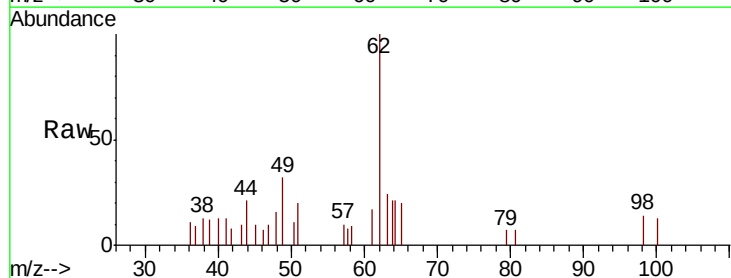
Acq: 09 Jul 2019 06:13

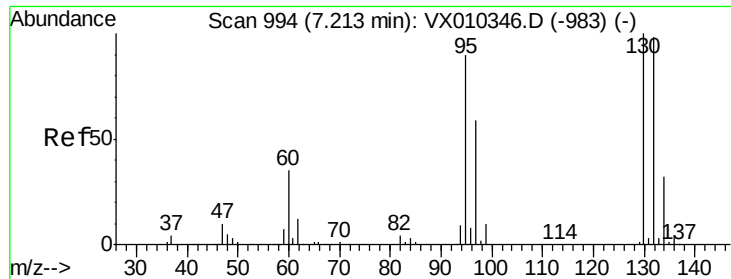
Tgt Ion: 62 Resp: 2260

Ion Ratio Lower Upper

62 100

98 12.0 0.0 22.2

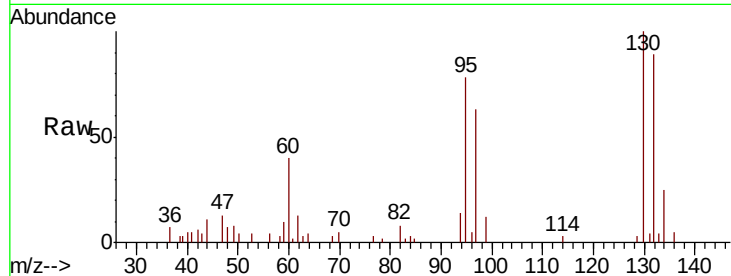




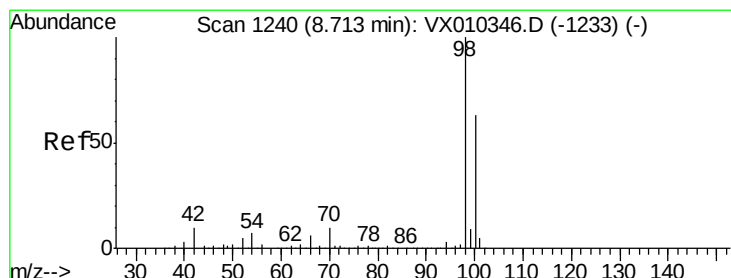
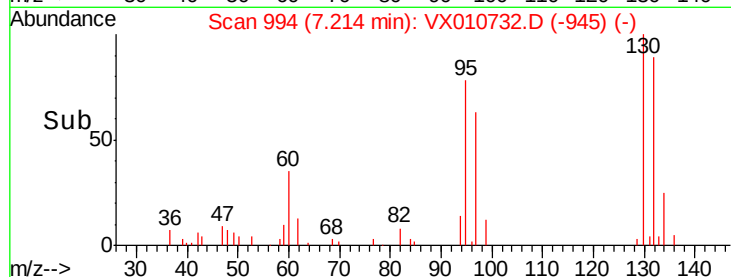
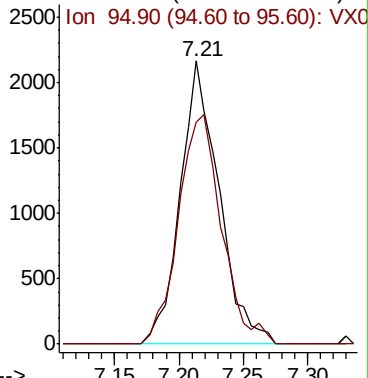
#44
 Trichloroethene
 Concen: 1.762 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

Tgt Ion:130 Resp: 4513
 Ion Ratio Lower Upper
 130 100
 95 78.4 0.0 180.8

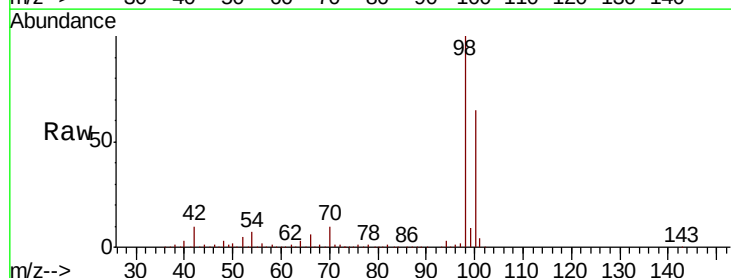


Abundance Ion 129.80 (129.50 to 130.50): V

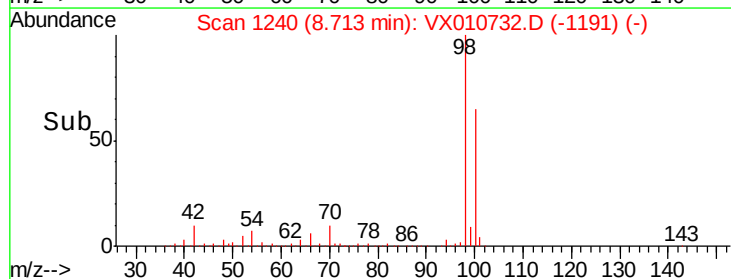
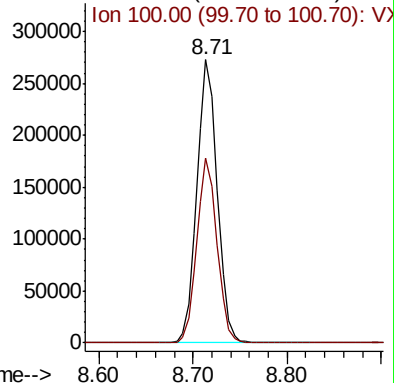


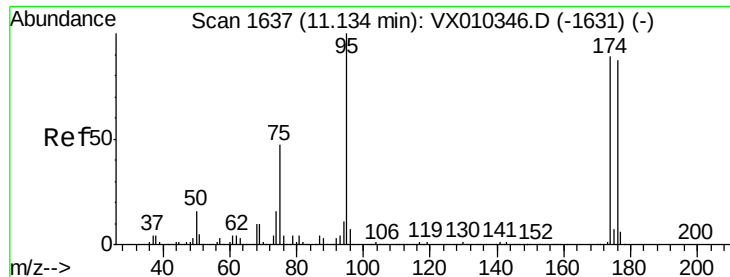
#50
 Toluene-d8
 Concen: 50.460 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010732.D
 Acq: 09 Jul 2019 06:13

Tgt Ion: 98 Resp: 408441
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

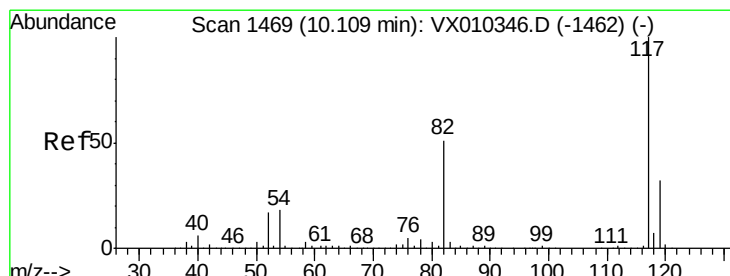
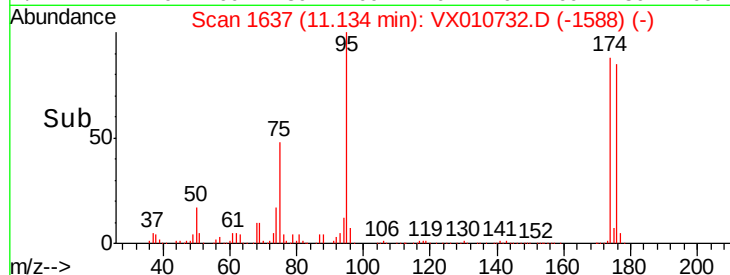
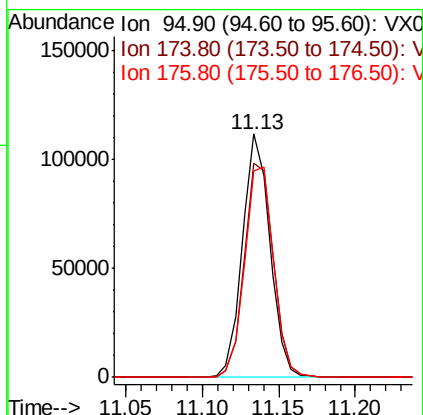
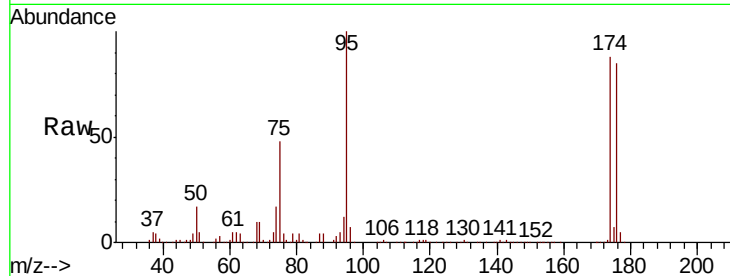




#62
4-Bromofluorobenzene
Concen: 47.822 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010732.D
Acq: 09 Jul 2019 06:13

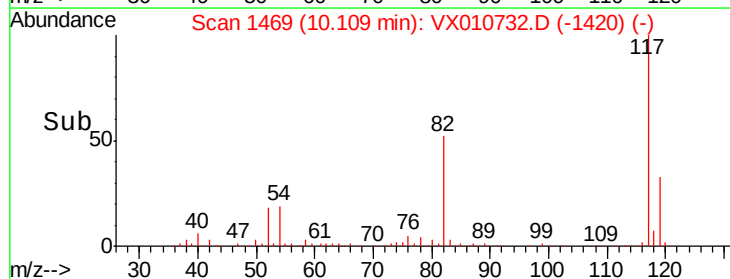
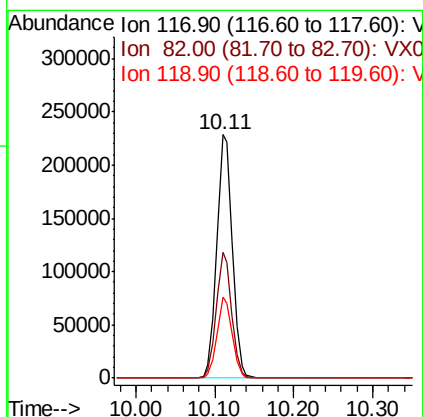
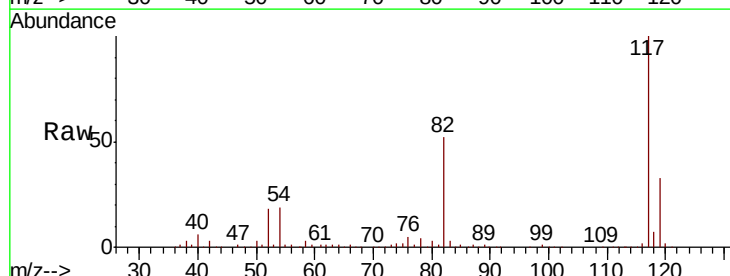
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190705

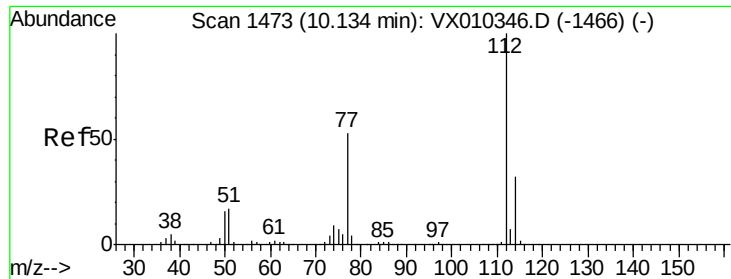
Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	187.6
176	91.2	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010732.D
Acq: 09 Jul 2019 06:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.2	61.8
119	33.2	25.5	38.3





#65

Chlorobenzene

Concen: 12.394 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010732.D

Acq: 09 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

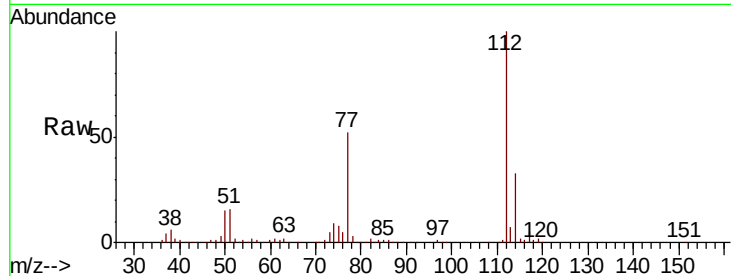
WP022MW357-190705

Tgt Ion:112 Resp: 79275

Ion Ratio Lower Upper

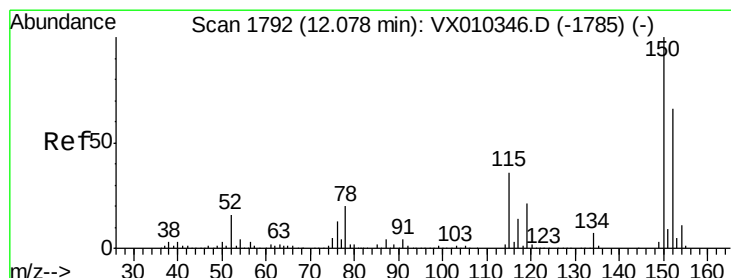
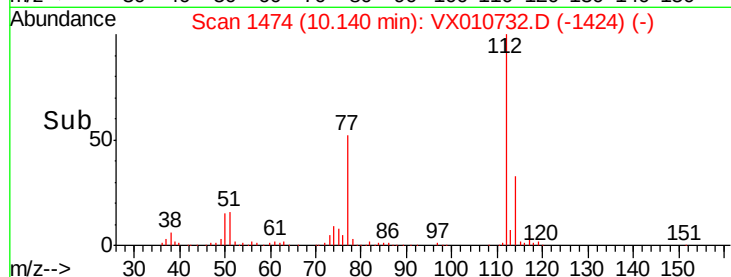
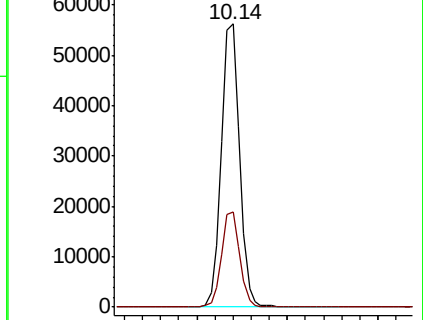
112 100

114 33.5 25.4 38.2



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: VX010732.D

Acq: 09 Jul 2019 06:13

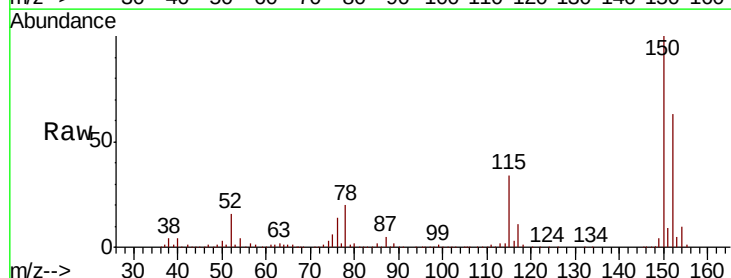
Tgt Ion:152 Resp: 147410

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

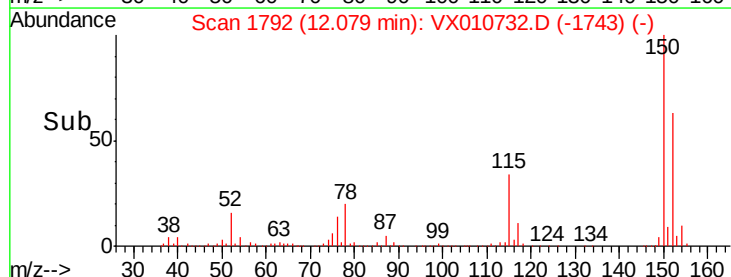
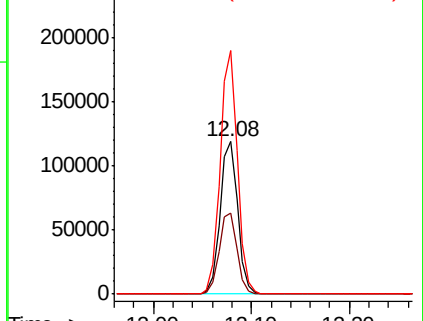
150 156.9 0.0 347.4

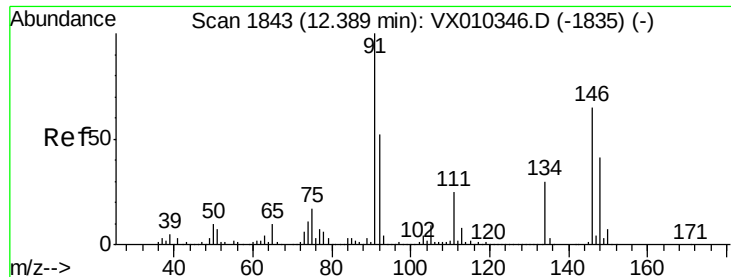


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.562 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010732.D

Acq: 09 Jul 2019 06:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190705

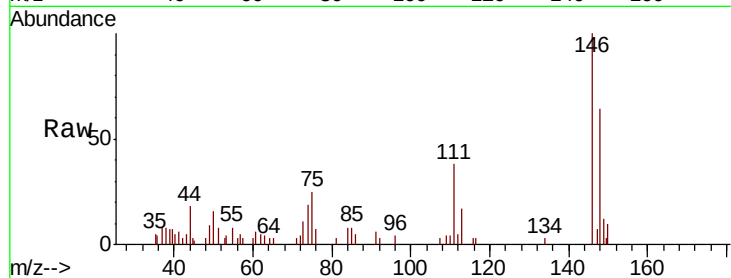
Tgt Ion:146 Resp: 2721

Ion Ratio Lower Upper

146 100

111 41.8 19.2 57.6

148 64.2 32.0 96.0



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

