

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010696.D
 Acq On : 08 Jul 2019 15:26
 Operator : JC/SP
 Sample : K3669-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW218-190702

Quant Time: Jul 09 01:53:22 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

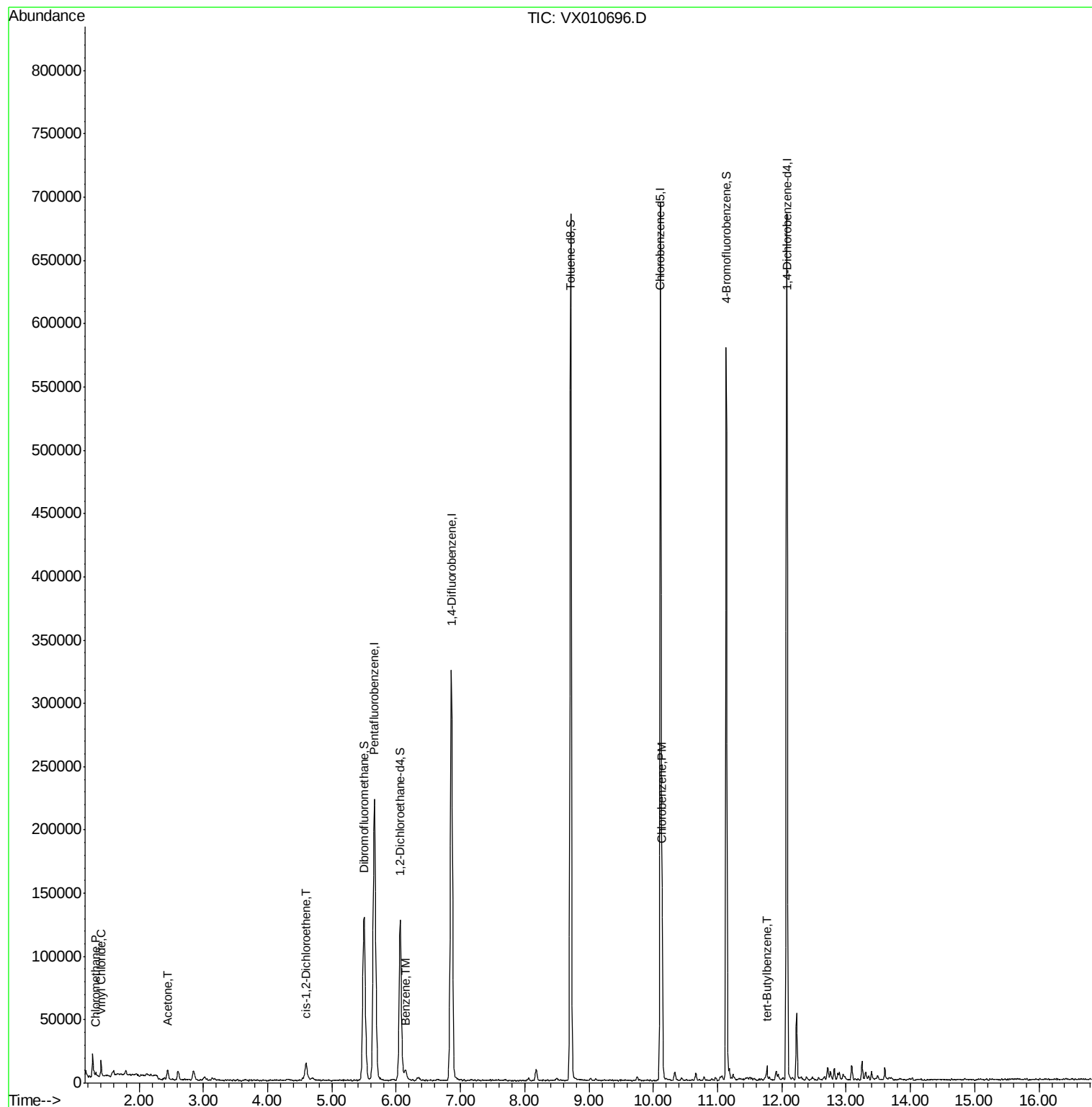
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113820	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	5.50	113	109551	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	8.71	98	419561	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	141987	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
3) Chloromethane	1.33	50	2104	1.147	ug/l	91
4) Vinyl Chloride	1.41	62	8180	4.072	ug/l	94
16) Acetone	2.44	43	8410	7.899	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	8864	3.632	ug/l	91
40) Benzene	6.13	78	9449	1.075	ug/l #	89
65) Chlorobenzene	10.14	112	58674	8.894	ug/l	100
83) tert-Butylbenzene	11.77	119	3519	0.417	ug/l	80

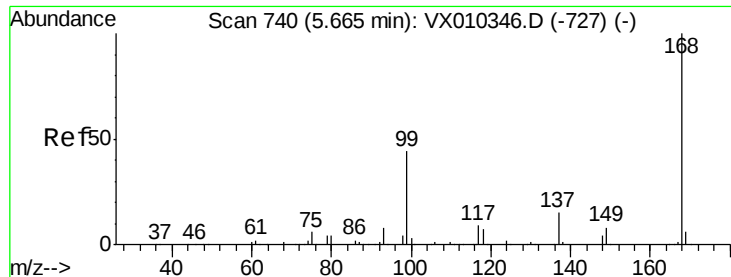
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010696.D

Acq: 08 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

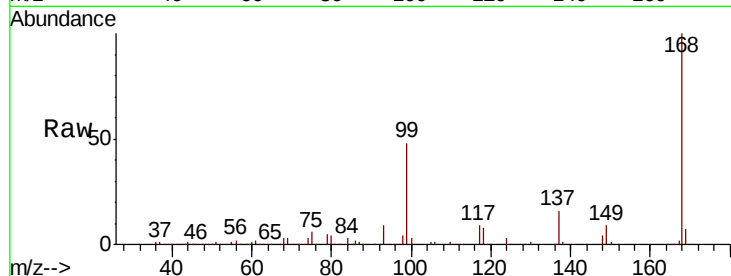
SS037MW218-190702

Tgt Ion:168 Resp: 226572

Ion Ratio Lower Upper

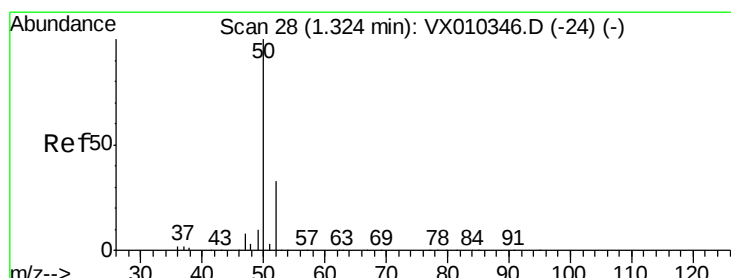
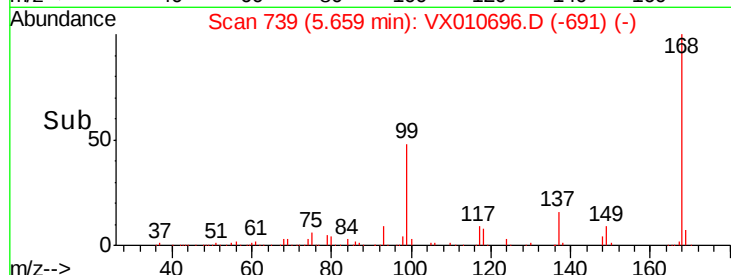
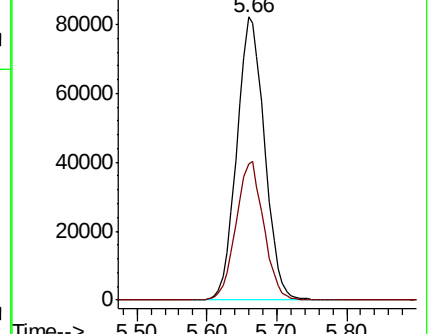
168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.147 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010696.D

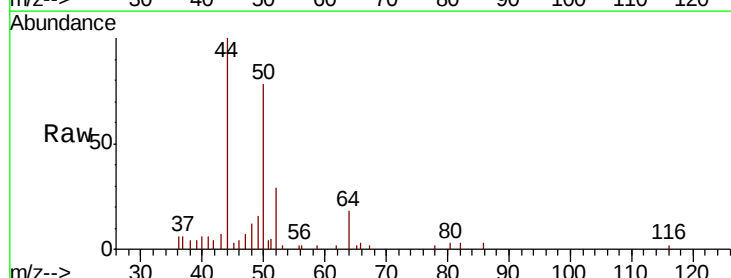
Acq: 08 Jul 2019 15:26

Tgt Ion: 50 Resp: 2104

Ion Ratio Lower Upper

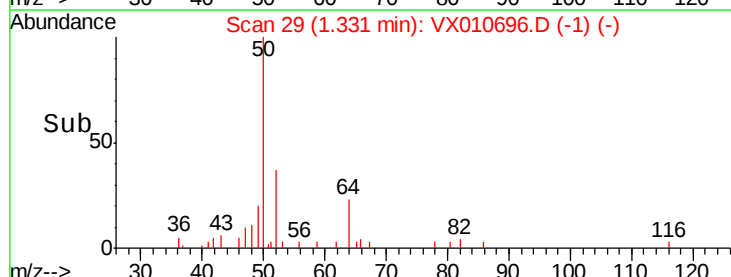
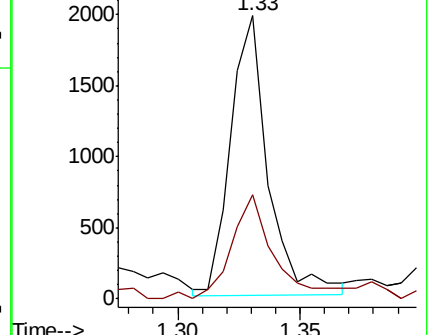
50 100

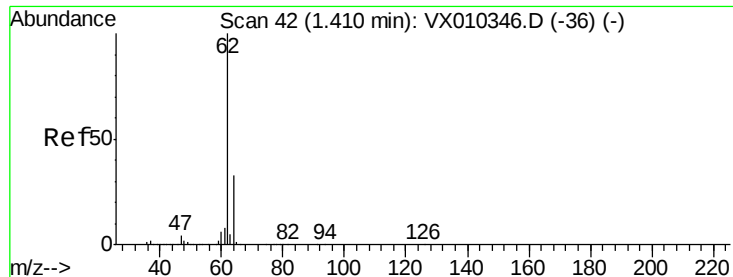
52 38.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 4.072 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010696.D

Acq: 08 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

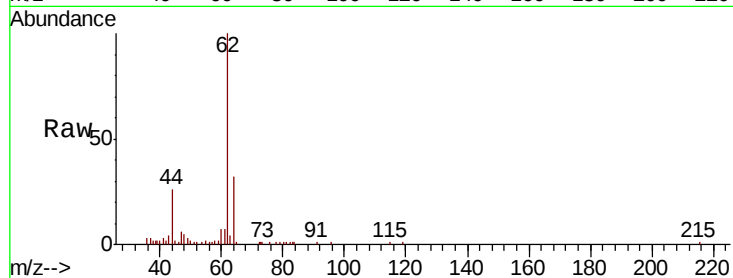
SS037MW218-190702

Tgt Ion: 62 Resp: 8180

Ion Ratio Lower Upper

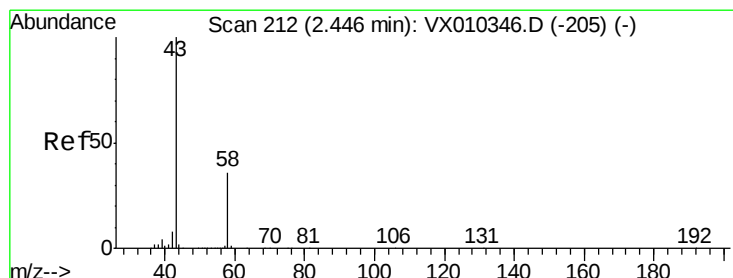
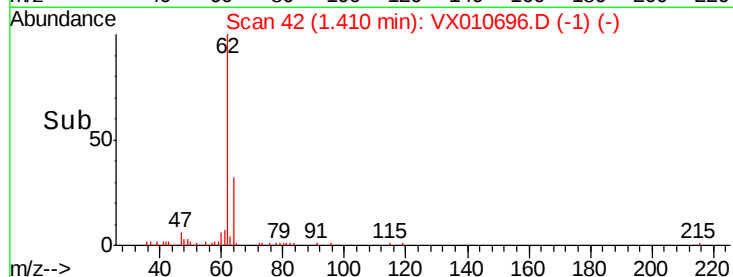
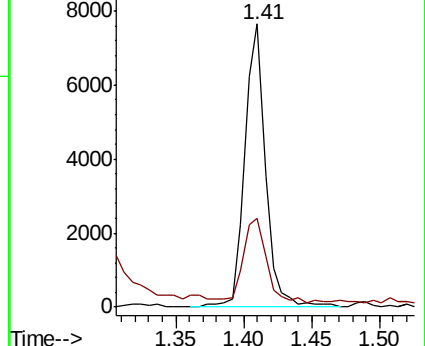
62 100

64 29.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 7.899 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010696.D

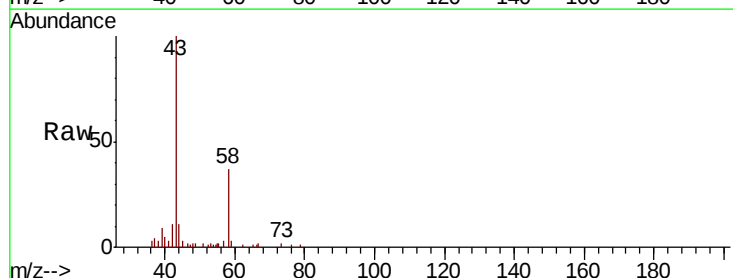
Acq: 08 Jul 2019 15:26

Tgt Ion: 43 Resp: 8410

Ion Ratio Lower Upper

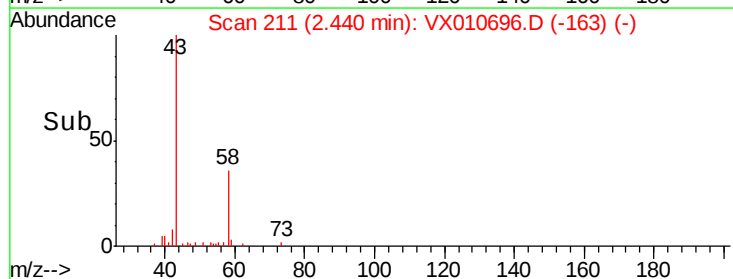
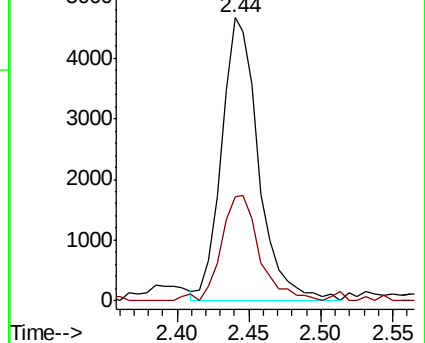
43 100

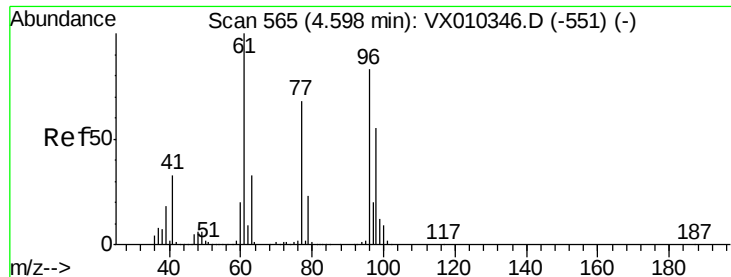
58 34.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



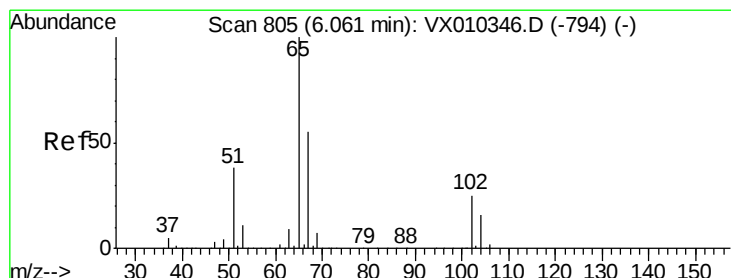
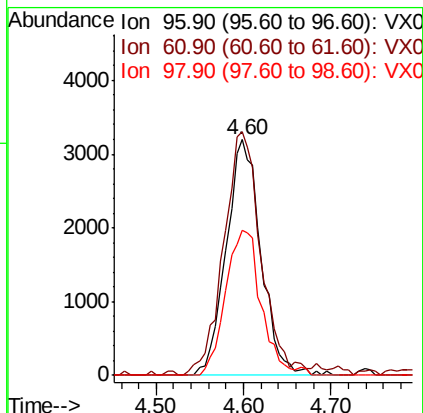
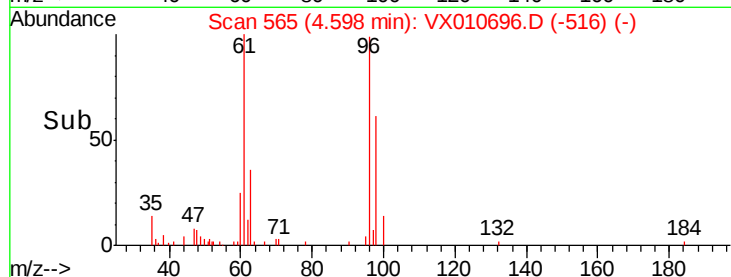
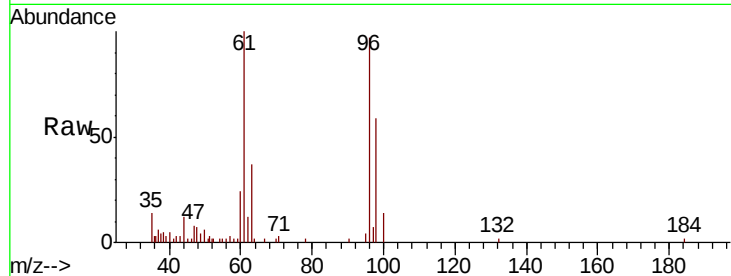


#27

cis-1,2-Dichloroethene
Concen: 3.632 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010696.D
Acq: 08 Jul 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
SS037MW218-190702

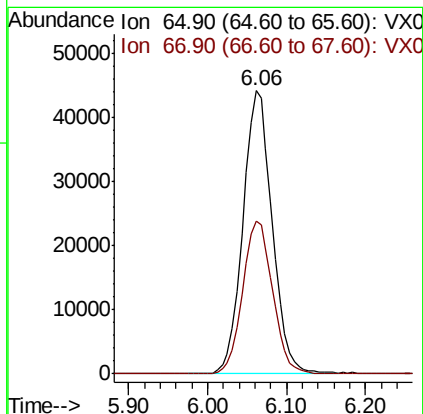
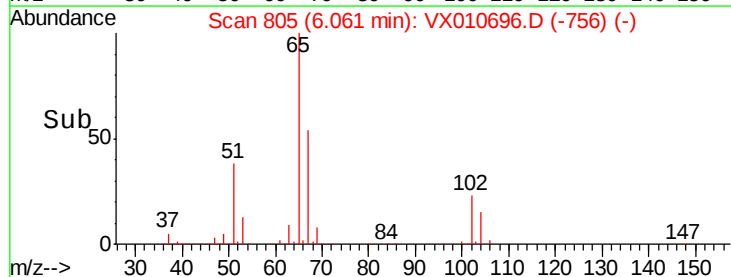
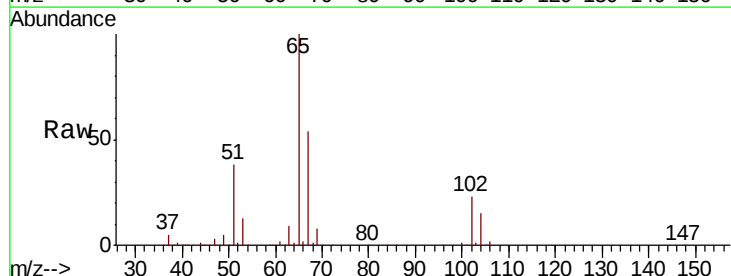
Tgt Ion: 96 Resp: 8864
Ion Ratio Lower Upper
96 100
61 111.0 0.0 251.8
98 62.7 0.0 129.4

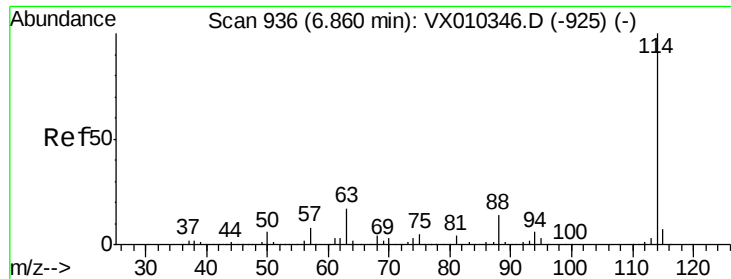


#33

1,2-Dichloroethane-d4
Concen: 53.579 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010696.D
Acq: 08 Jul 2019 15:26

Tgt Ion: 65 Resp: 113820
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2

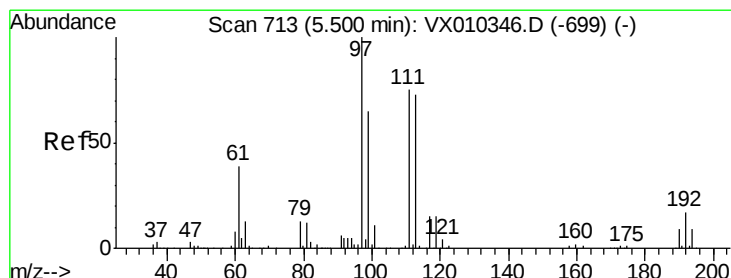
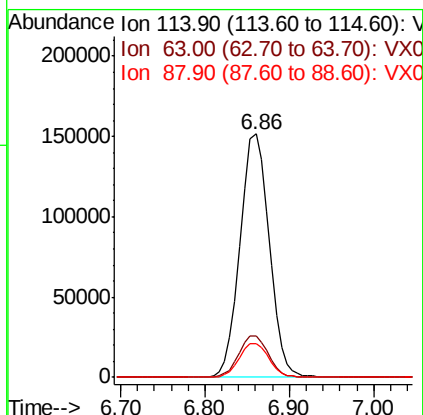
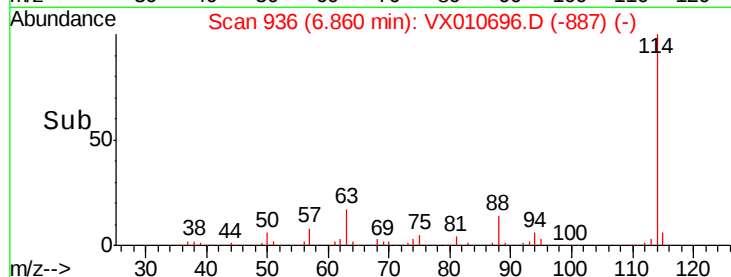
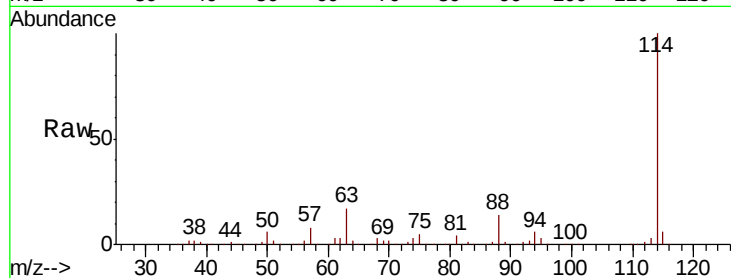




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010696.D
 Acq: 08 Jul 2019 15:26

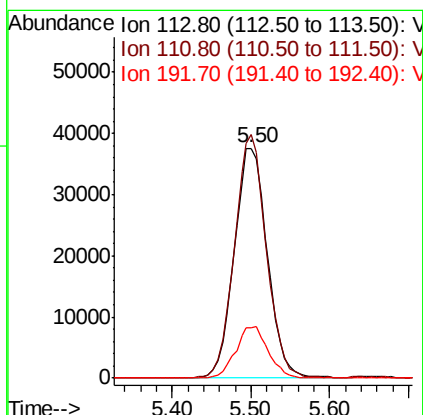
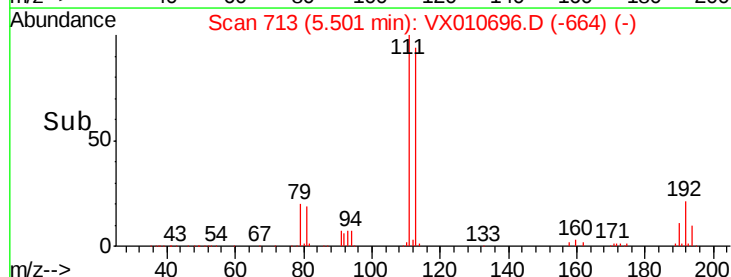
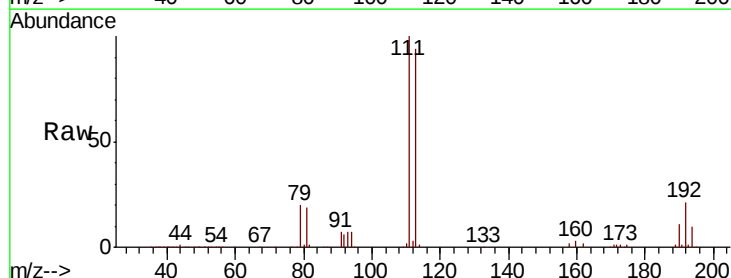
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW218-190702

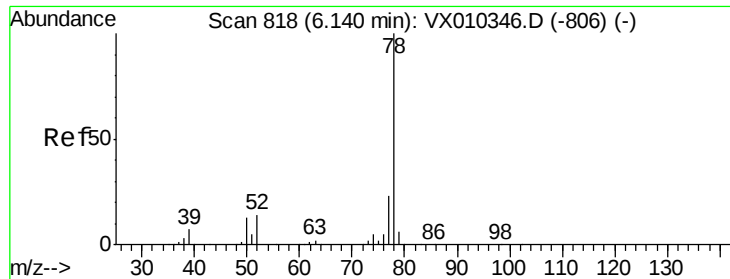
Tgt Ion:114 Resp: 354960
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.0 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.443 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010696.D
 Acq: 08 Jul 2019 15:26

Tgt Ion:113 Resp: 109551
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 22.1 18.6 27.8





#40

Benzene

Concen: 1.075 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX010696.D

Acq: 08 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

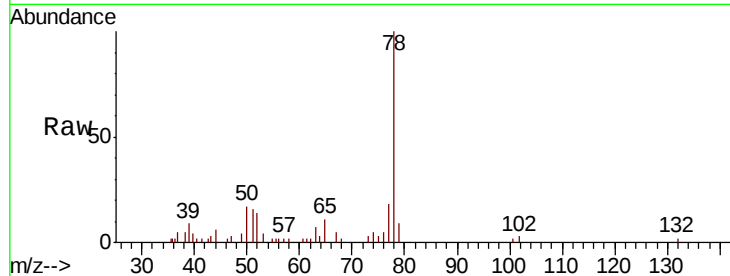
SS037MW218-190702

Tgt Ion: 78 Resp: 9449

Ion Ratio Lower Upper

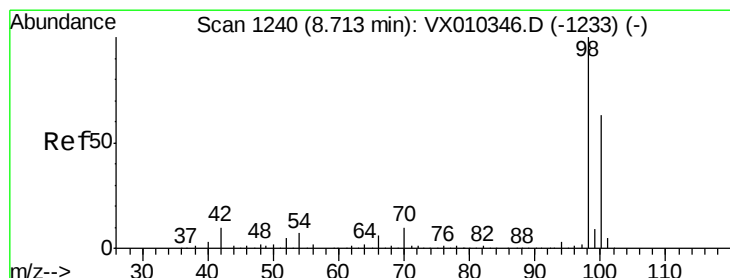
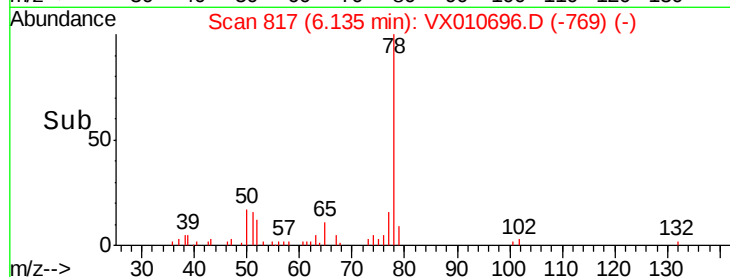
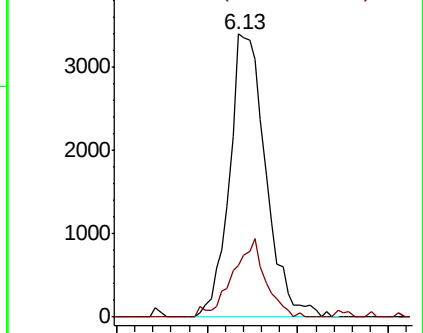
78 100

77 18.1 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.496 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010696.D

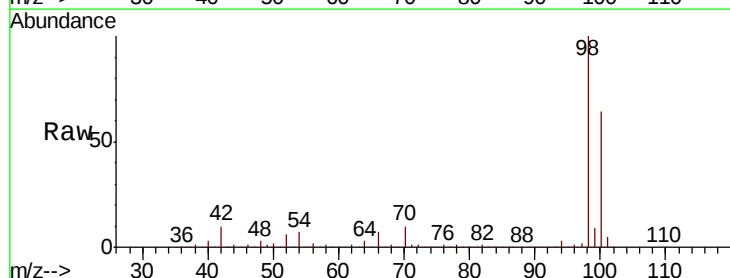
Acq: 08 Jul 2019 15:26

Tgt Ion: 98 Resp: 419561

Ion Ratio Lower Upper

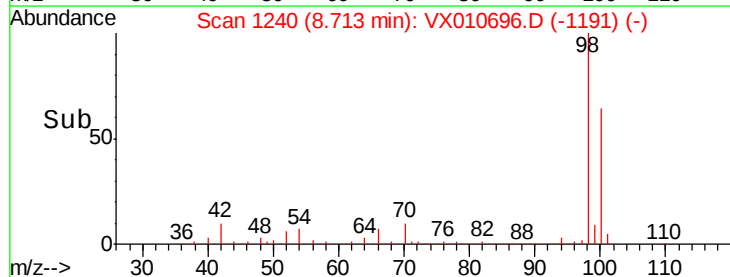
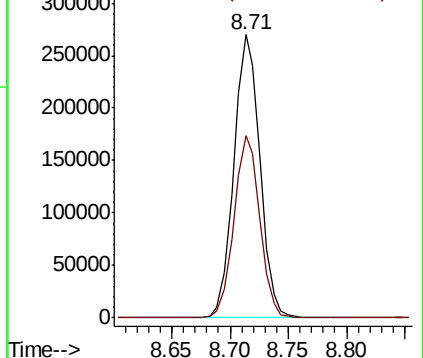
98 100

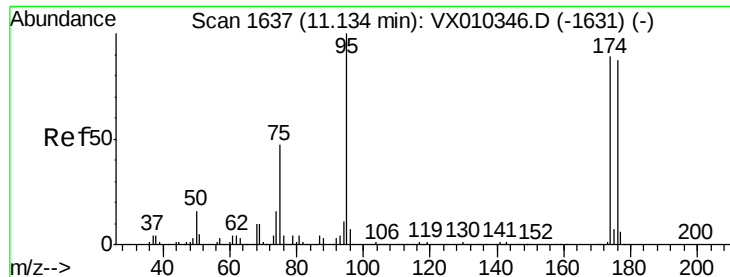
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.334 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010696.D

Acq: 08 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

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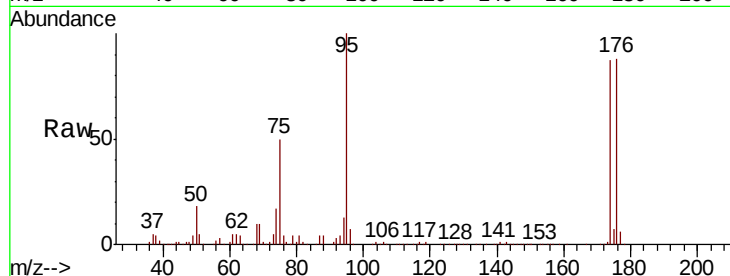
Tgt Ion: 95 Resp: 141987

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.6

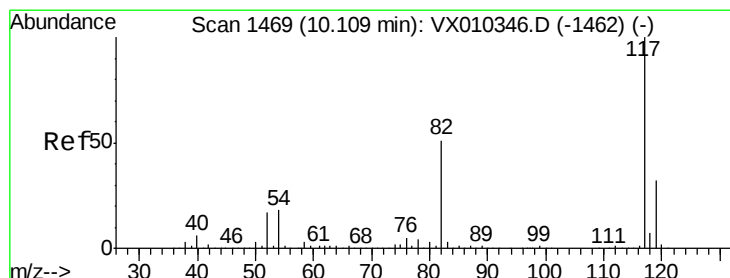
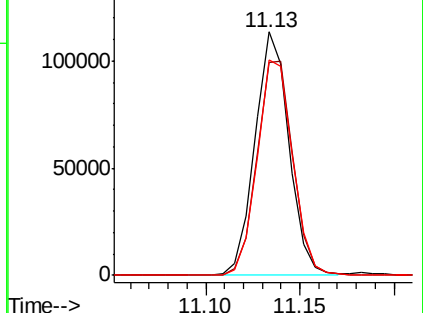
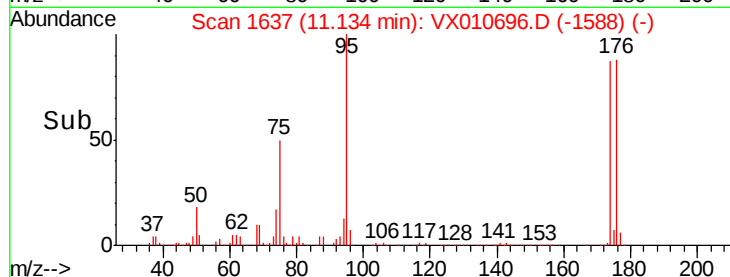
176 92.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010696.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010696.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010696.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010696.D

Acq: 08 Jul 2019 15:26

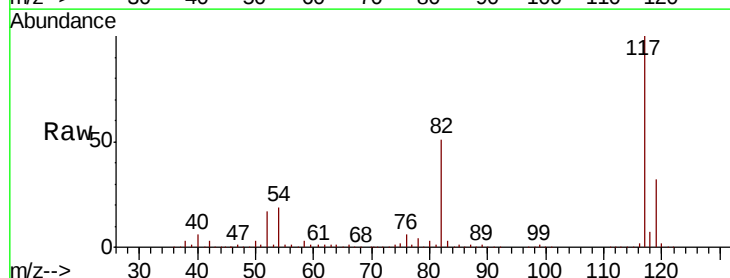
Tgt Ion: 117 Resp: 324938

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

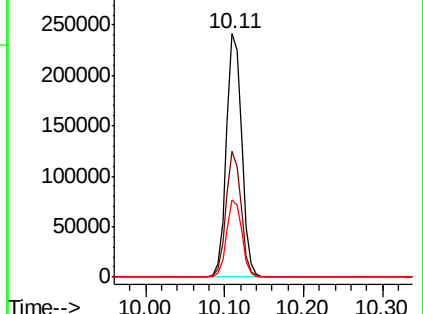
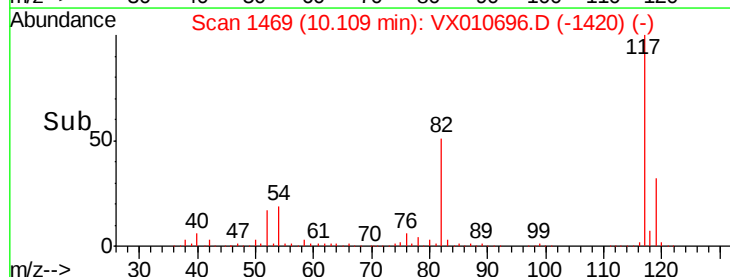
119 32.0 25.5 38.3

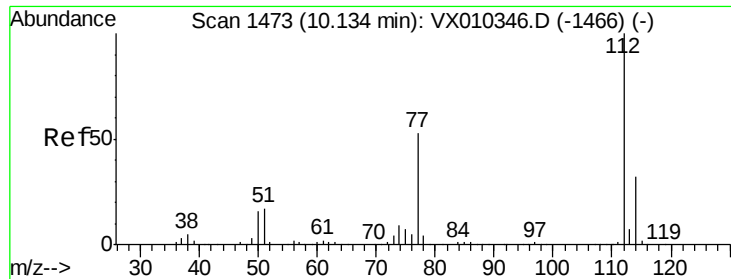


Abundance Ion 116.90 (116.60 to 117.60): VX010696.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010696.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010696.D (-1420) (-)

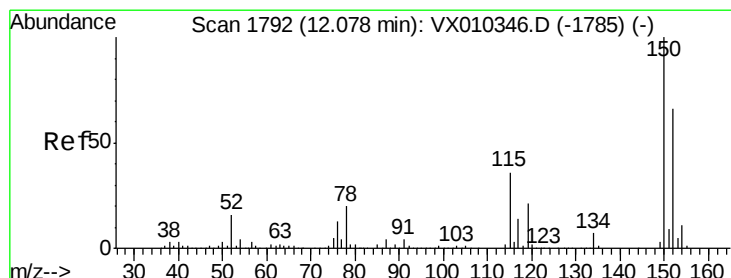
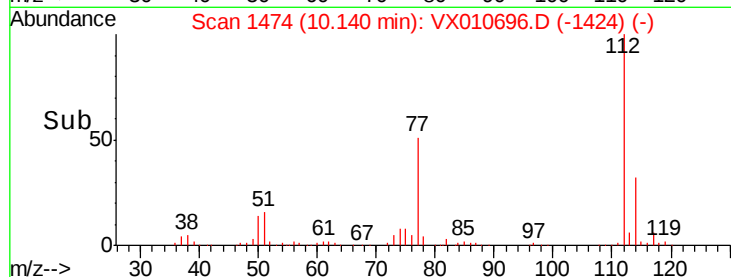
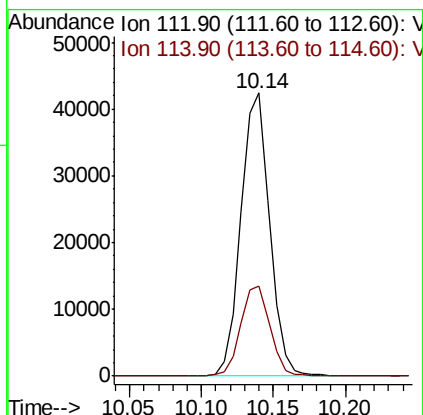
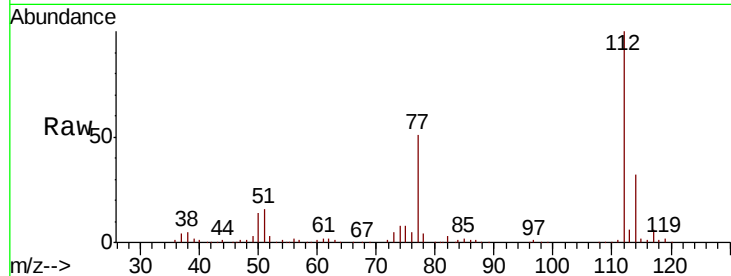




#65
Chlorobenzene
Concen: 8.894 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010696.D
Acq: 08 Jul 2019 15:26

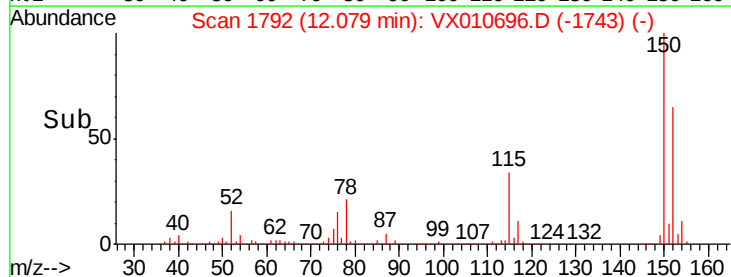
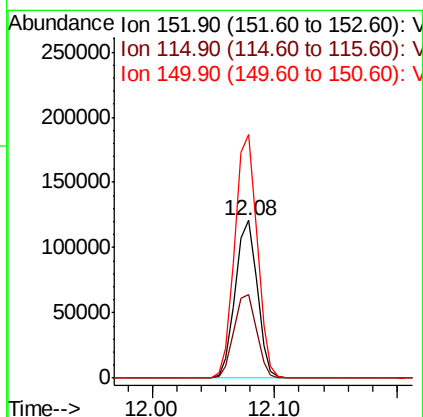
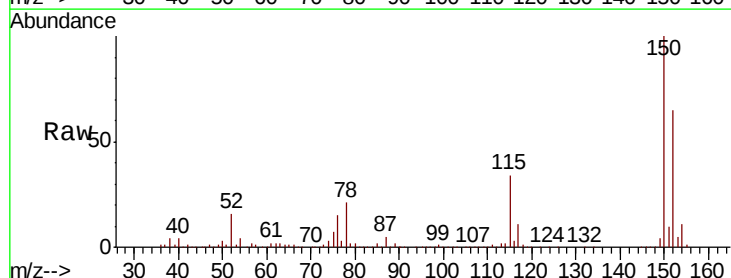
Instrument :
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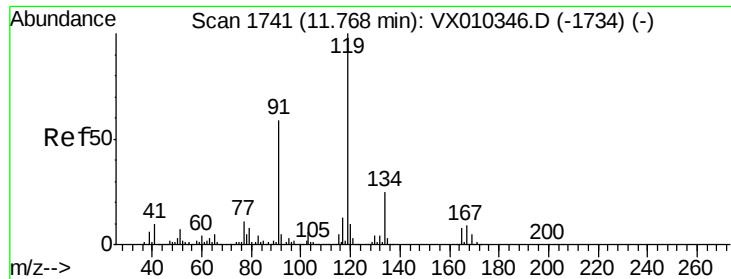
Tgt Ion:112 Resp: 58674
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010696.D
Acq: 08 Jul 2019 15:26

Tgt Ion:152 Resp: 150425
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 156.4 0.0 347.4





#83
 tert-Butylbenzene
 Concen: 0.417 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010696.D
 Acq: 08 Jul 2019 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW218-190702

Tgt Ion:	119	Resp:	3519
Ion	Ratio	Lower	Upper
119	100		
91	71.9	27.6	82.7
134	29.7	11.8	35.4

