

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016670.D
 Acq On : 10 Jun 2020 13:30
 Operator : JC/SP
 Sample : L2962-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

Quant Time: Jun 11 03:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

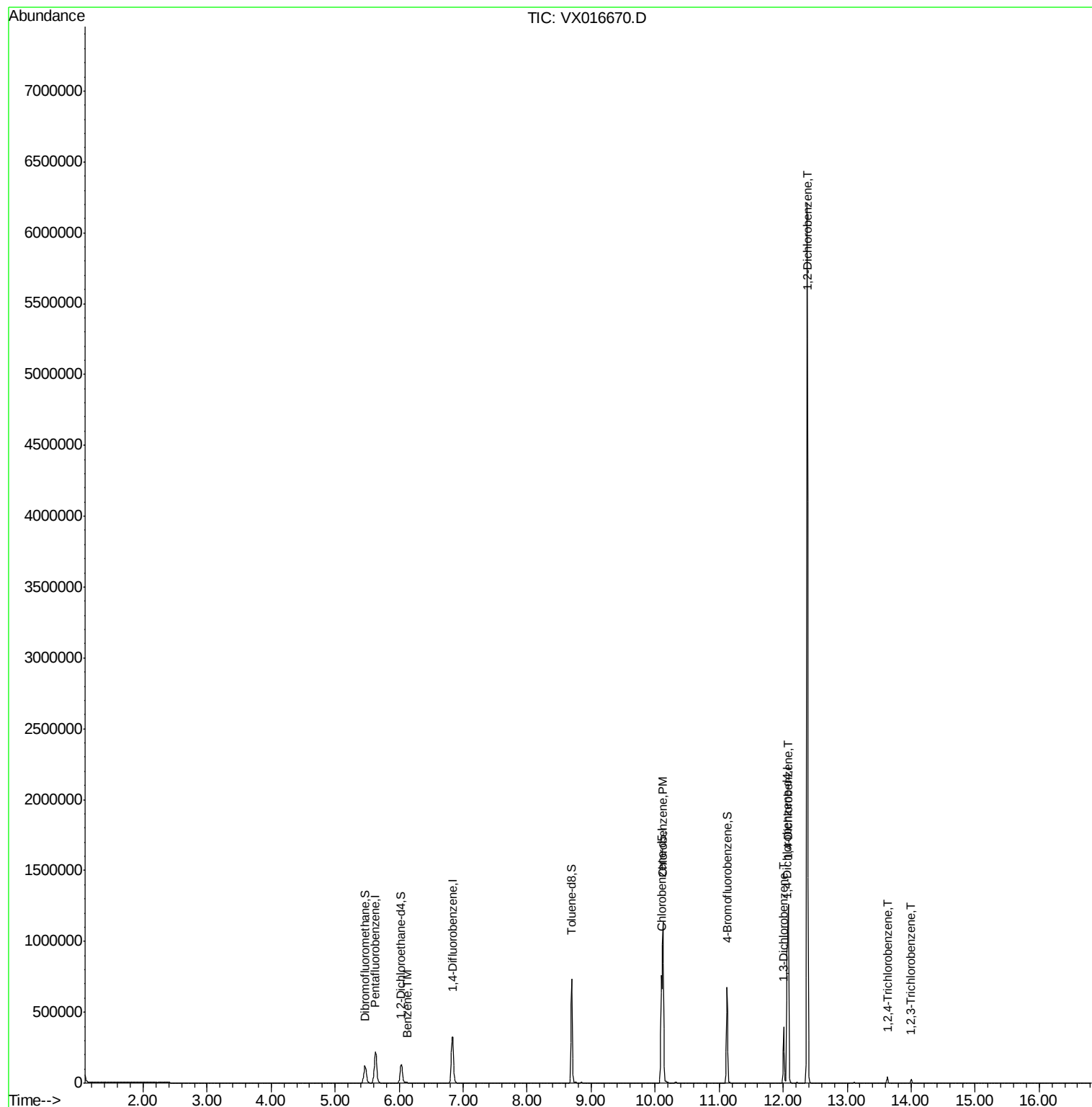
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	346302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129375	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.46	113	105476	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.70	98	426588	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	173498	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
Target Compounds						
40) Benzene	6.12	78	3281	0.336	ug/l	93
65) Chlorobenzene	10.12	112	491598	69.290	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	137471	23.503	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386333	64.583	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	2012302	355.110	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	10436	2.773	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	6267	1.700	ug/l	97

(#) = 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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

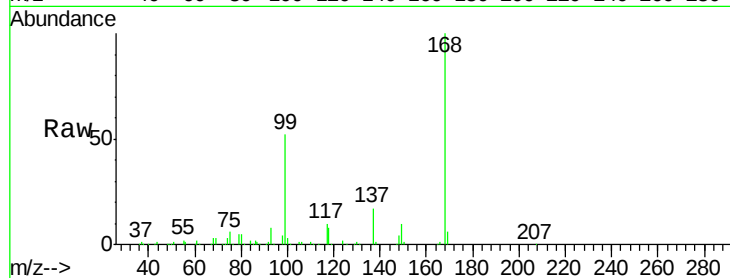
SS003RW114R-200609

Tot Ion:168 Resp: 220298

Ion Ratio Lower Upper

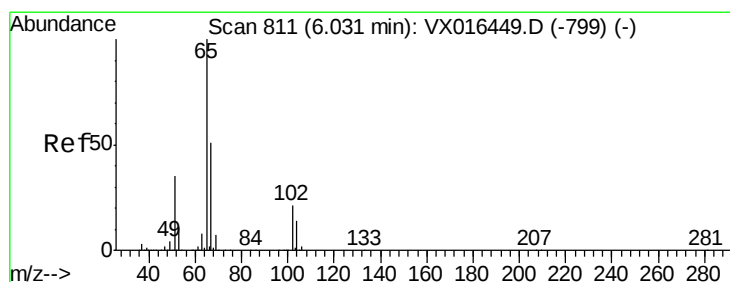
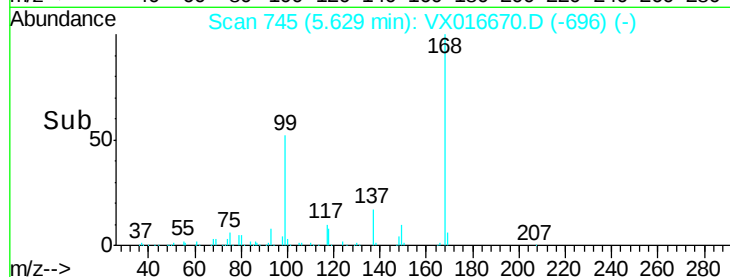
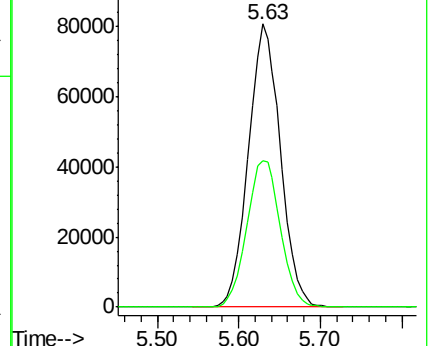
168 100

99 51.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.289 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016670.D

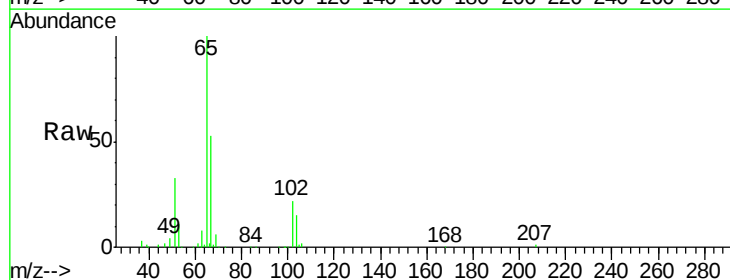
Acq: 10 Jun 2020 13:30

Tgt Ion: 65 Resp: 129375

Ion Ratio Lower Upper

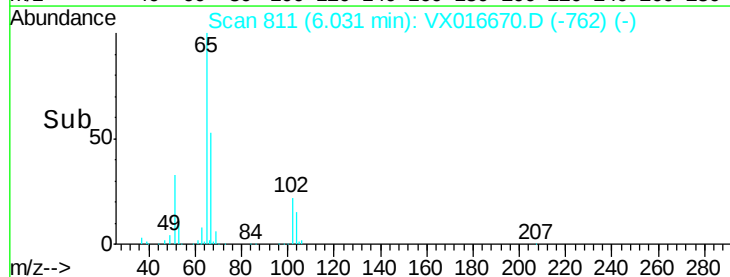
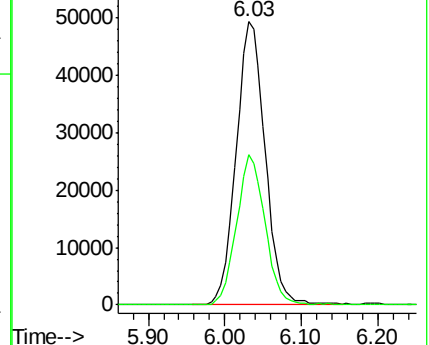
65 100

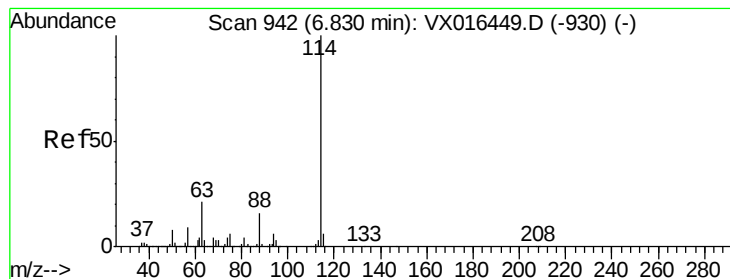
67 51.8 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

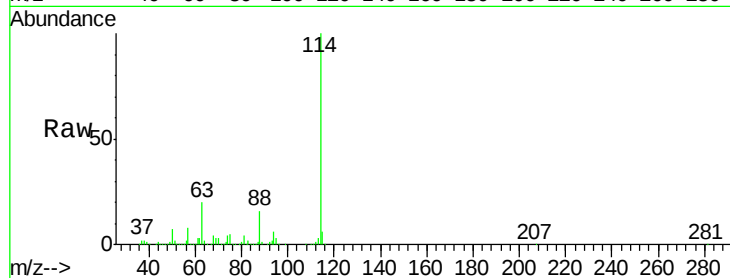
Tot Ion:114 Resp: 346302

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

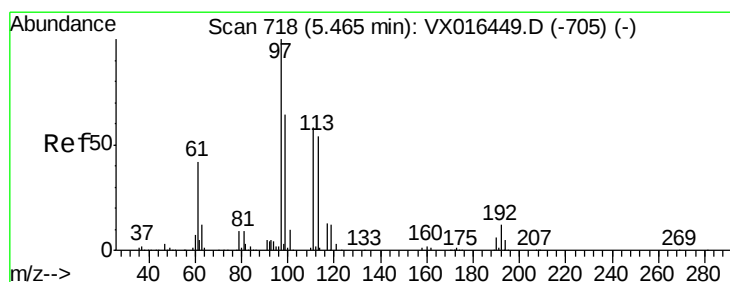
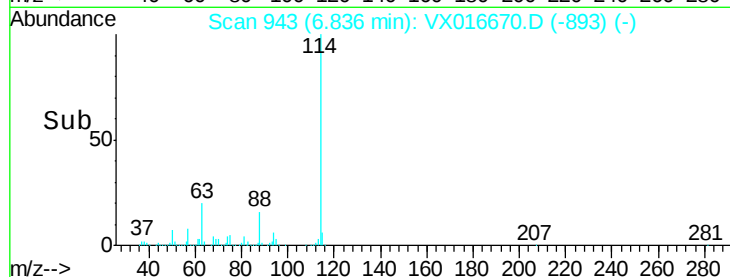
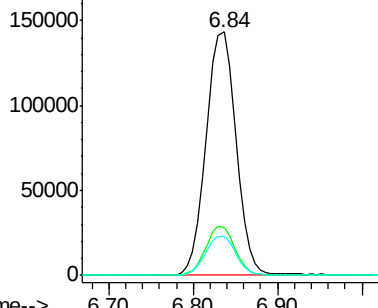
88 16.0 0.0 32.8



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: 49.465 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

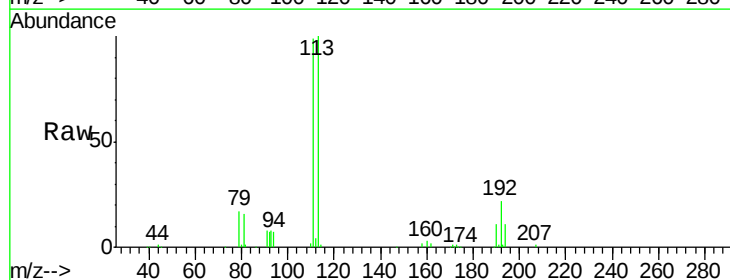
Tgt Ion:113 Resp: 105476

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

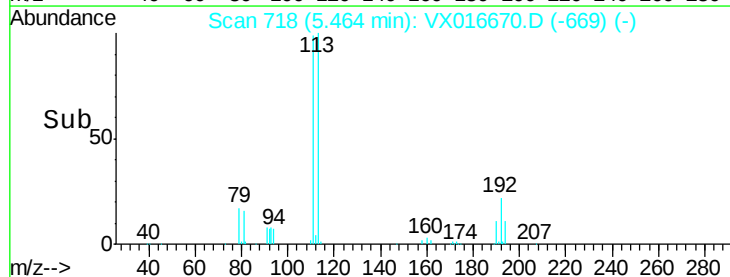
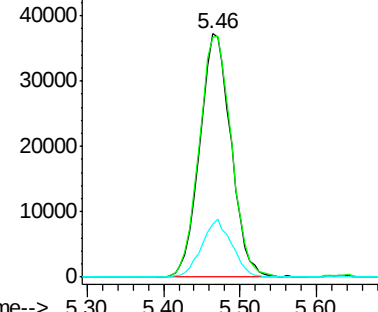
192 22.9 17.7 26.5

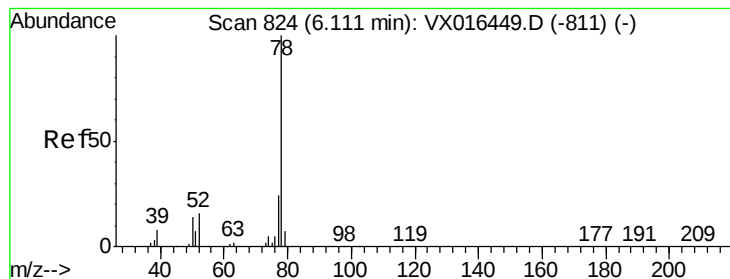


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.336 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

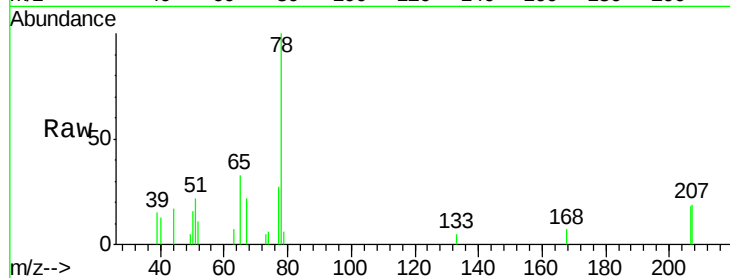
SS003RW114R-200609

Tot Ion: 78 Resp: 3281

Ion Ratio Lower Upper

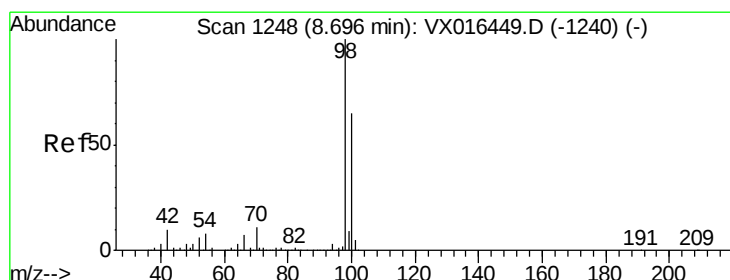
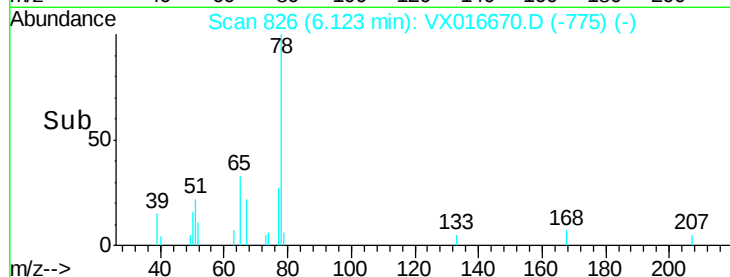
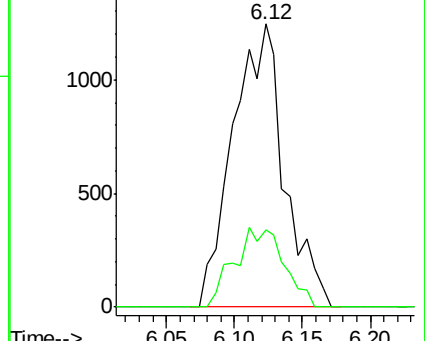
78 100

77 27.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.399 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016670.D

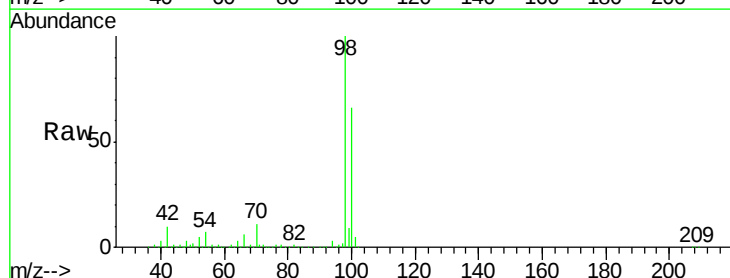
Acq: 10 Jun 2020 13:30

Tgt Ion: 98 Resp: 426588

Ion Ratio Lower Upper

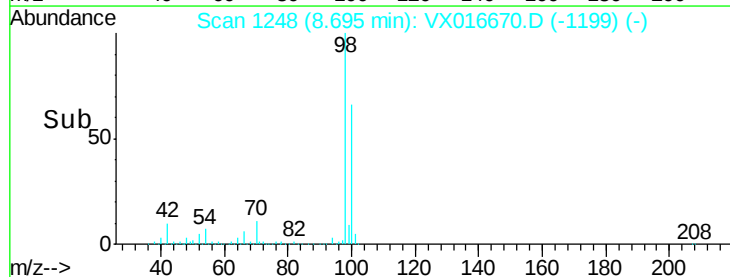
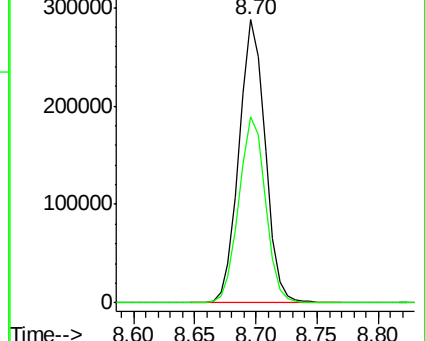
98 100

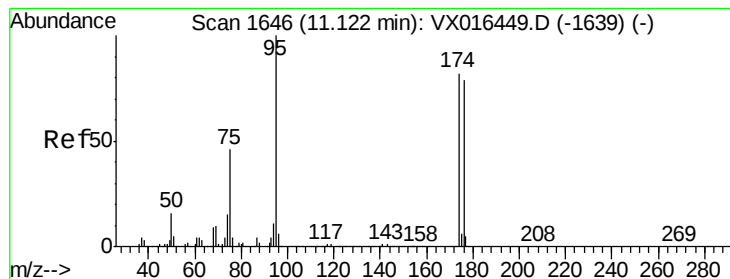
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.101 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

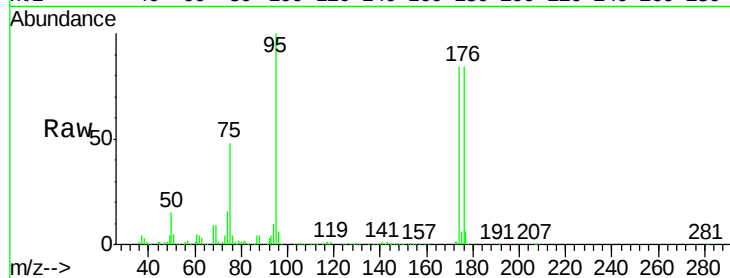
Tot Ion: 95 Resp: 173498

Ion Ratio Lower Upper

95 100

174 87.4 0.0 163.0

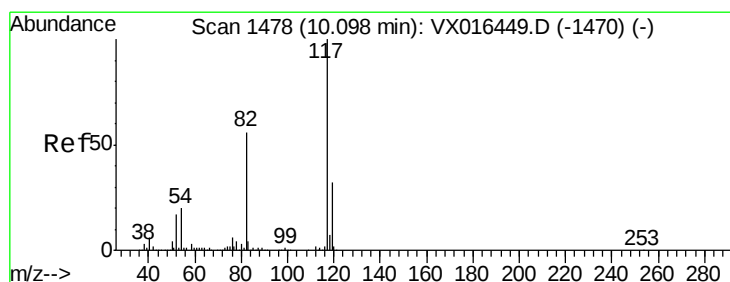
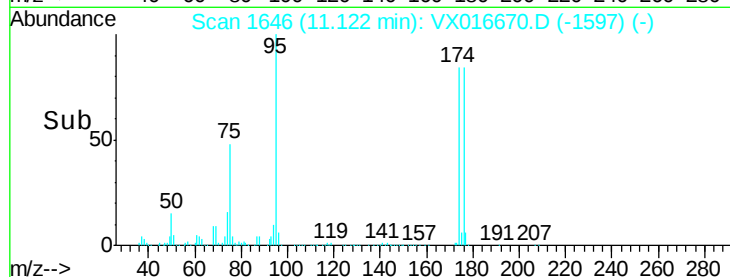
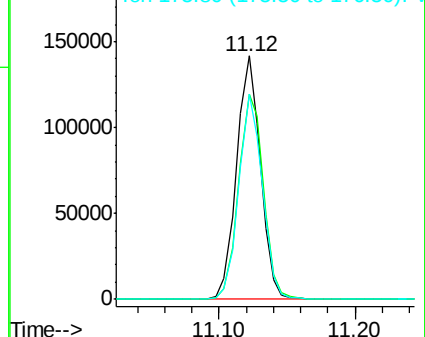
176 83.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016670.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016670.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016670.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

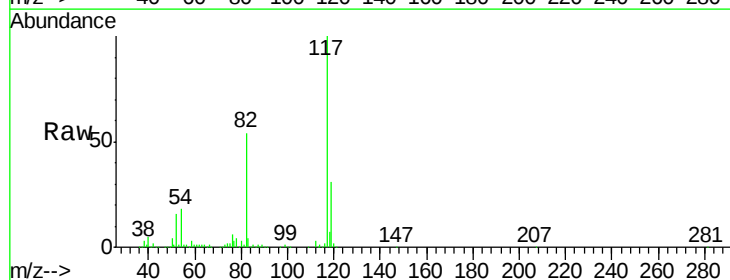
Tgt Ion: 117 Resp: 348001

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.6

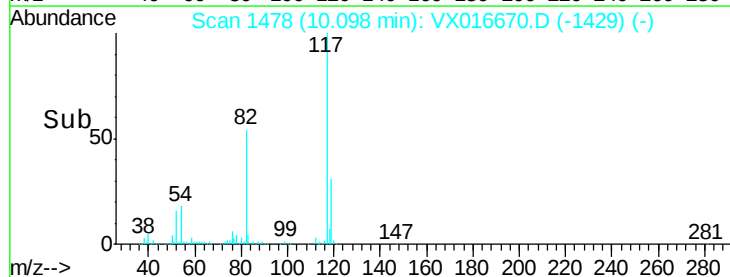
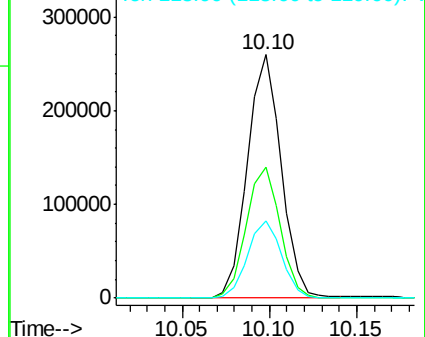
119 31.5 25.8 38.8

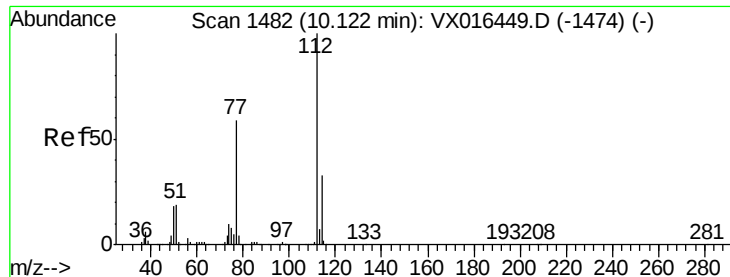


Abundance Ion 116.90 (116.60 to 117.60): VX016670.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016670.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016670.D (-1429) (-)

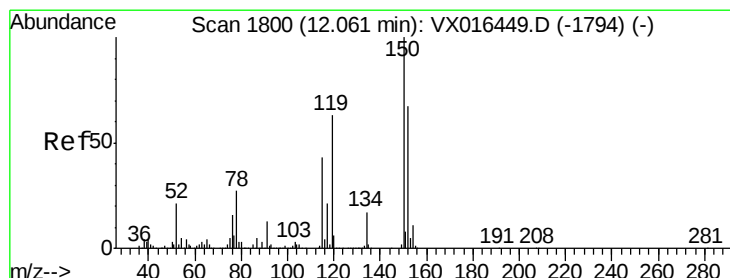
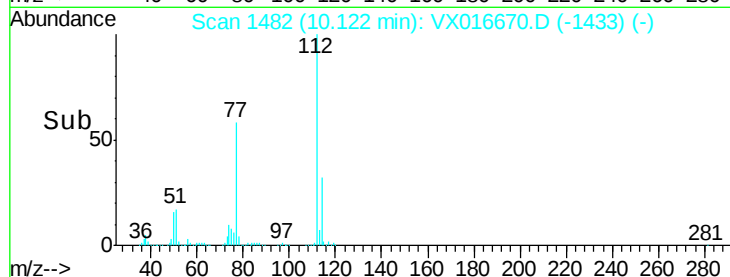
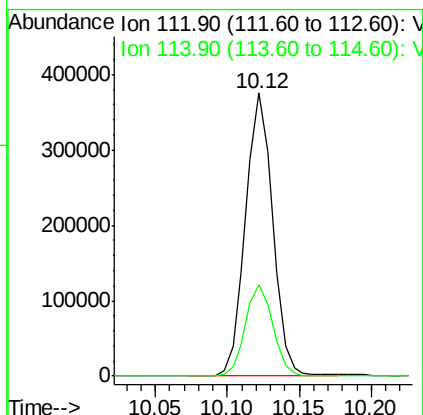
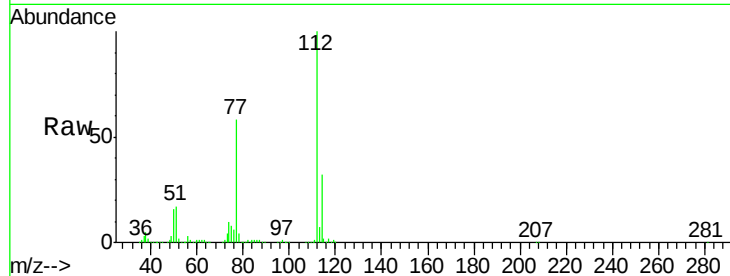




#65
Chlorobenzene
Concen: 69.290 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

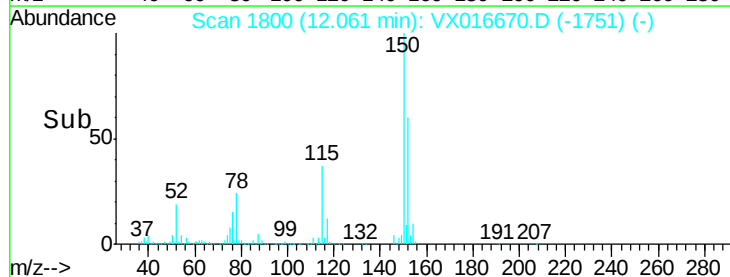
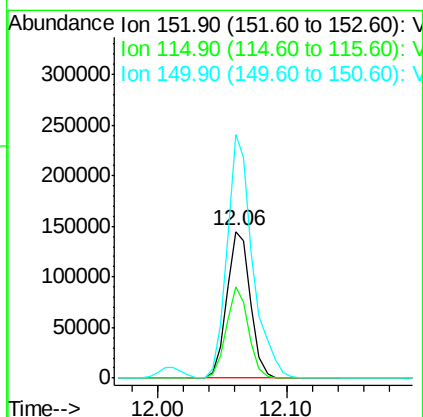
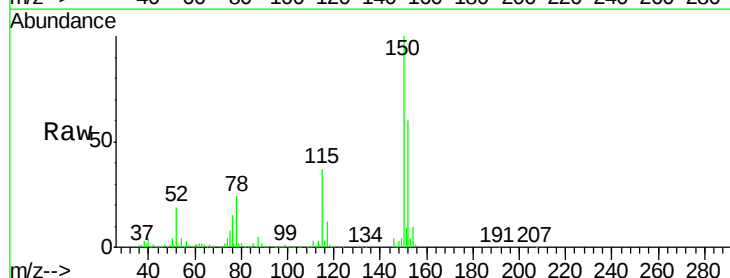
Instrument :
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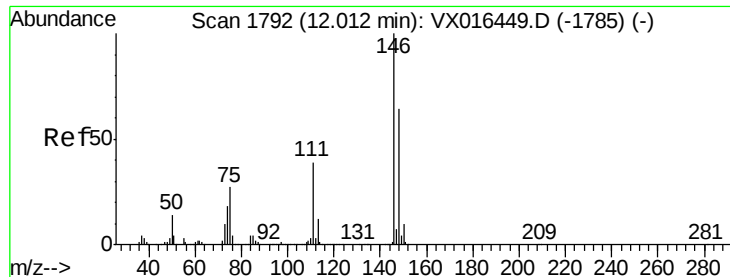
Tot Ion:112 Resp: 491598
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

Tgt Ion:152 Resp: 185773
Ion Ratio Lower Upper
152 100
115 58.3 39.9 119.6
150 179.2 0.0 341.0





#87

1,3-Dichlorobenzene

Concen: 23.503 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

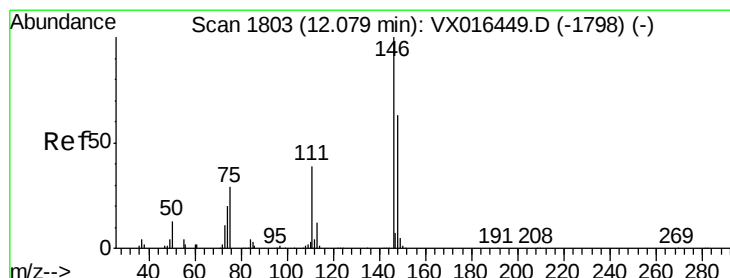
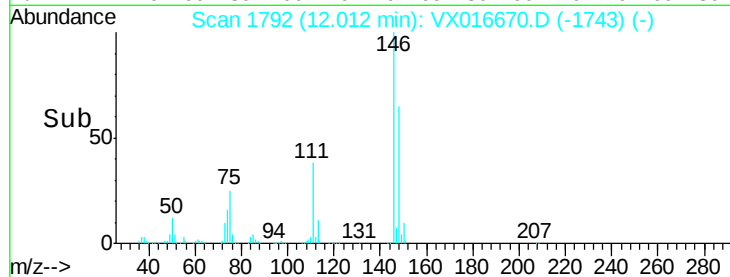
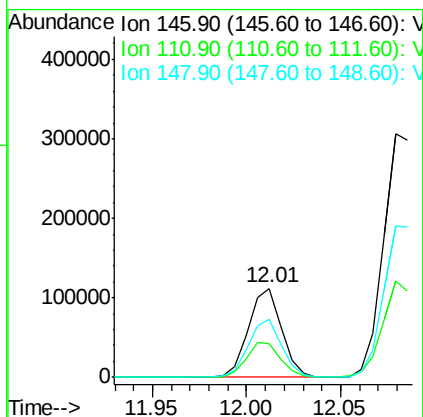
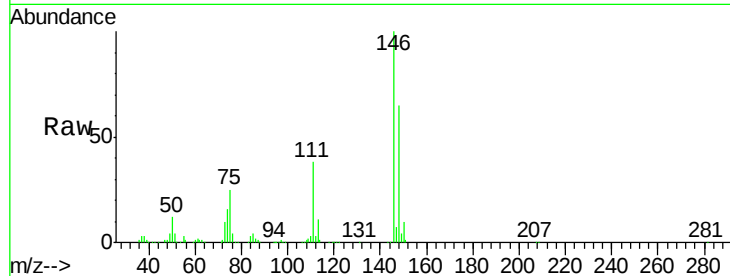
Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609

Tot Ion:146 Resp: 137471

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	65.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 64.583 ug/l

RT: 12.08 min Scan# 1803

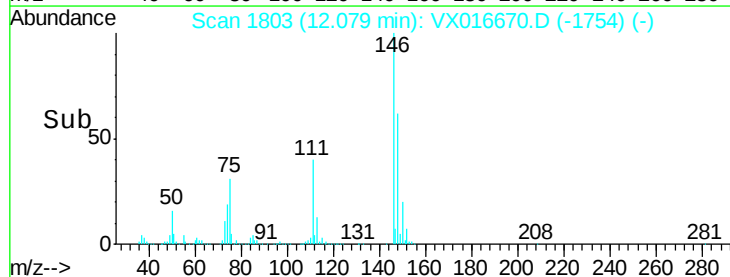
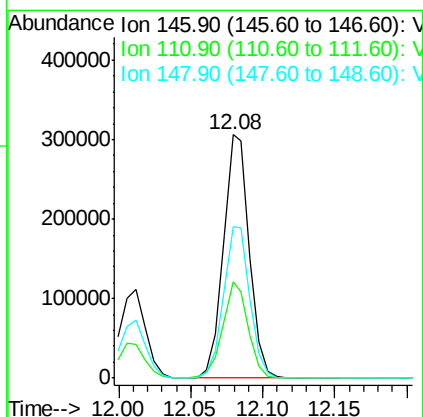
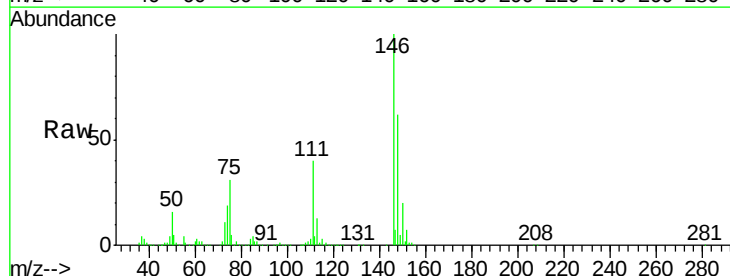
Delta R.T. -0.00 min

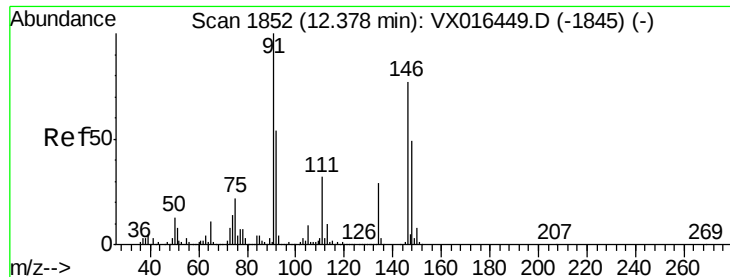
Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Tgt Ion:146 Resp: 386333

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.7	31.4	94.3

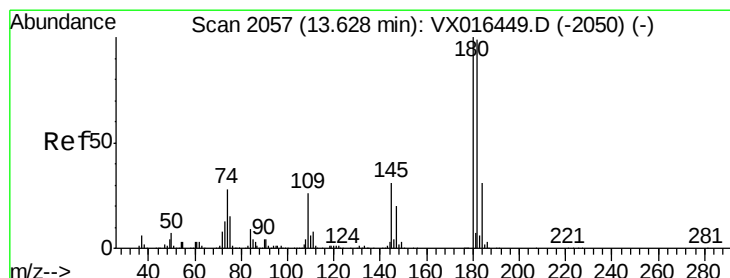
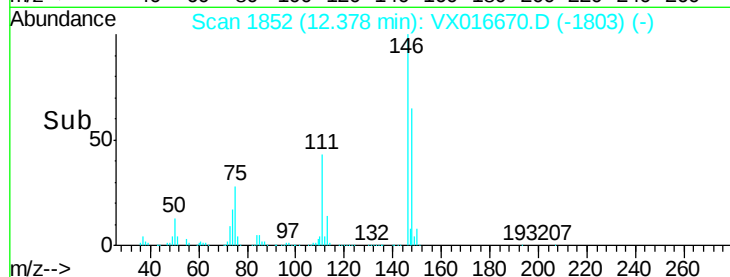
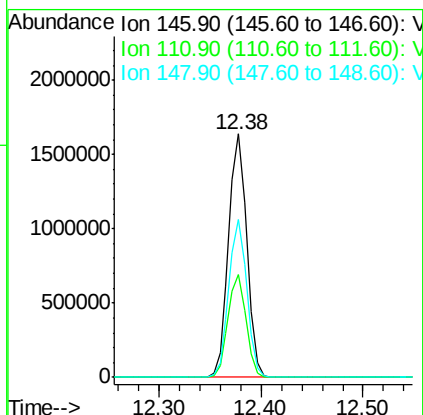
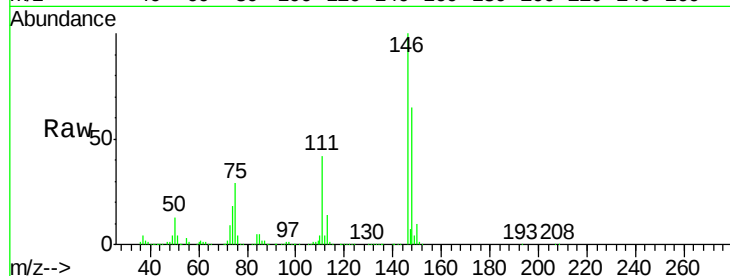




#91
 1,2-Dichlorobenzene
 Concen: 355.110 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

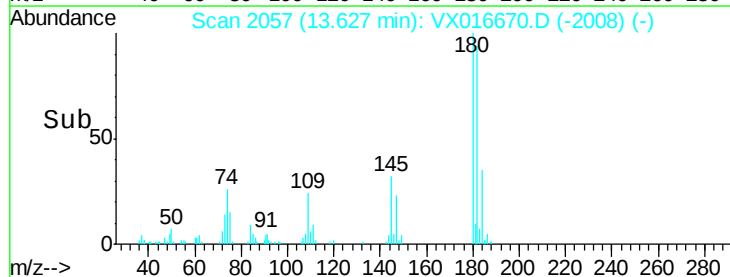
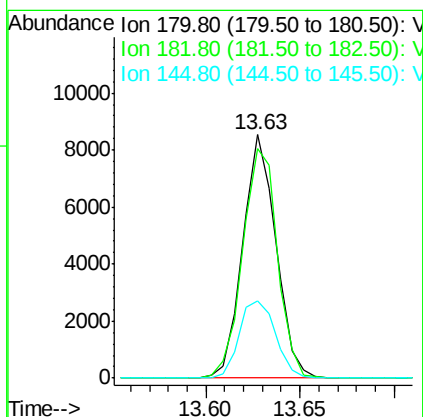
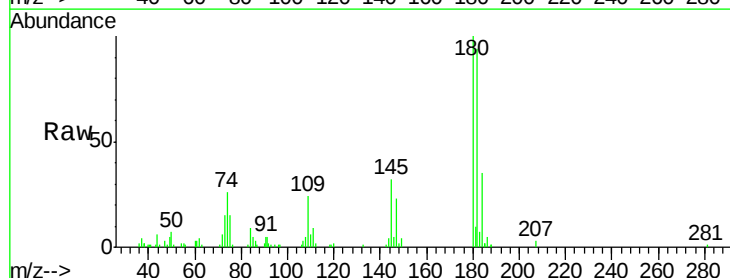
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

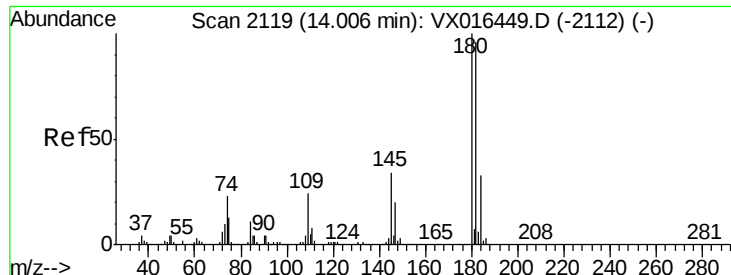
Tot Ion:146 Resp: 2012302
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.0 31.9 95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 2.773 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Tgt Ion:180 Resp: 10436
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.3 144.8
 145 34.7 15.4 46.2

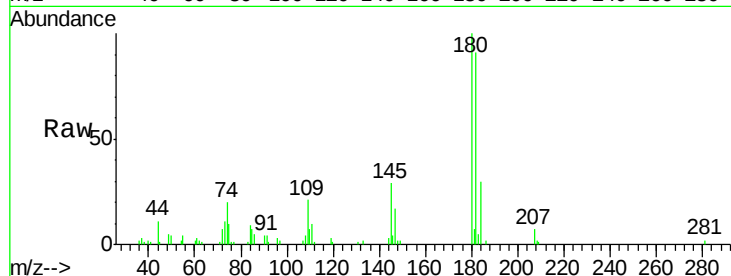




#96
 1,2,3-Trichlorobenzene
 Concen: 1.700 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.6	145.8
145	32.7	16.6	49.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

