

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016588.D
 Acq On : 04 Jun 2020 17:53
 Operator : JC/SP
 Sample : L2894-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW163-200601

Quant Time: Jun 05 07:32:09 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	230225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	136936	47.89	ug/l	0.00
Spiked Amount						
			Recovery	=	95.78%	
35) Dibromofluoromethane	5.47	113	113222	49.47	ug/l	0.00
Spiked Amount						
			Recovery	=	98.94%	
50) Toluene-d8	8.70	98	458677	51.49	ug/l	0.00
Spiked Amount						
			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	189654	55.10	ug/l	0.00
Spiked Amount						
			Recovery	=	110.20%	

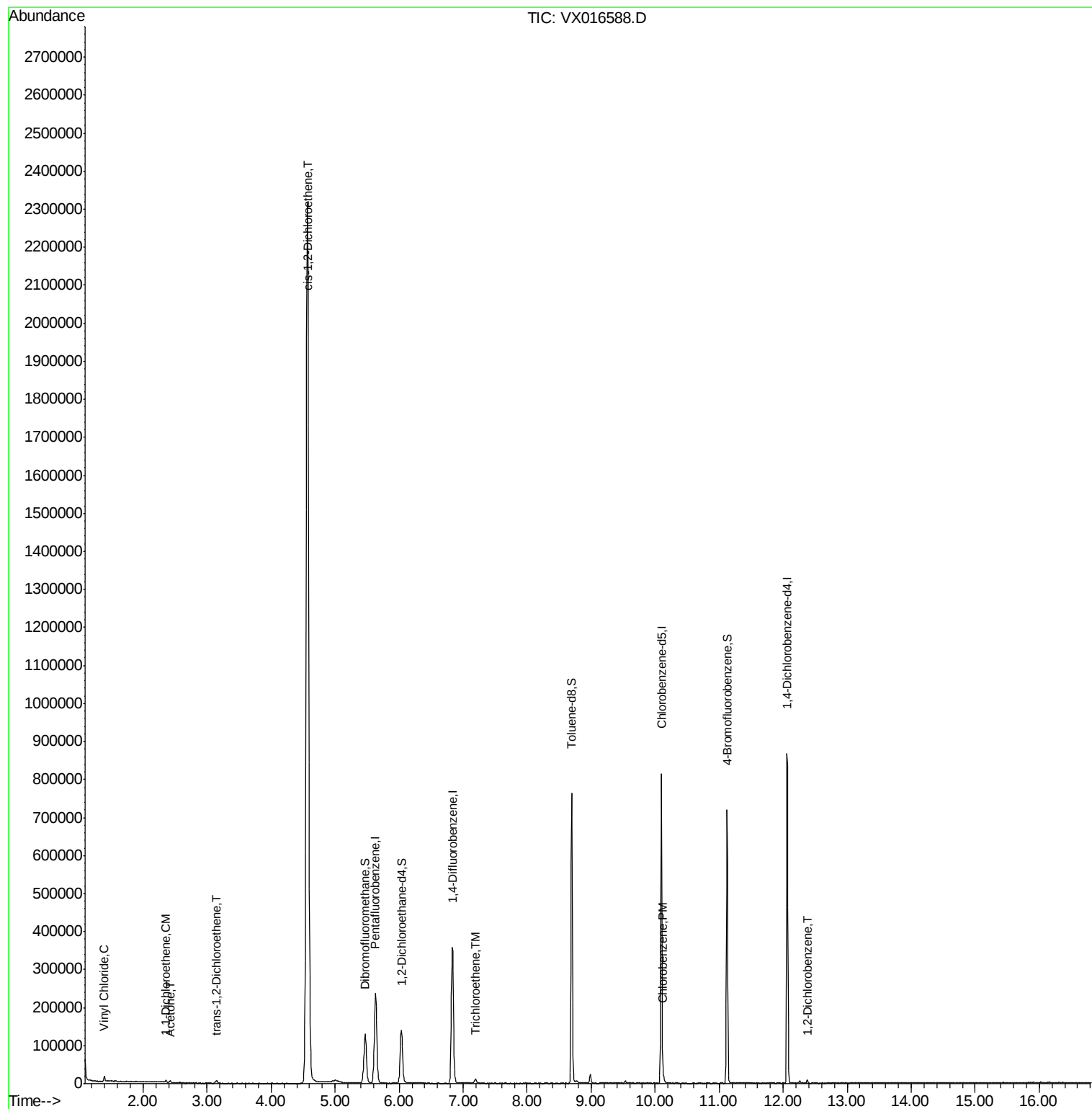
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	8534	2.947	ug/l	100
12) 1,1-Dichloroethene	2.35	96	2494	1.126	ug/l	98
16) Acetone	2.42	43	4608	3.679	ug/l #	88
21) trans-1,2-Dichloroethene	3.15	96	3120	1.273	ug/l	83
27) cis-1,2-Dichloroethene	4.57	96	1540429	543.417	ug/l	89
44) Trichloroethene	7.20	130	3984	1.198	ug/l	90
65) Chlorobenzene	10.12	112	6959	0.908	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	2857	0.490	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060420\
Data File : VX016588.D
Acq On : 04 Jun 2020 17:53
Operator : JC/SP
Sample : L2894-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012RW163-200601

Quant Time: Jun 05 07:32:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

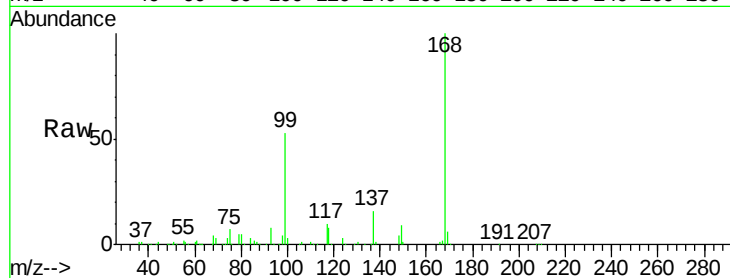
LF012RW163-200601

Tot Ion:168 Resp: 230225

Ion Ratio Lower Upper

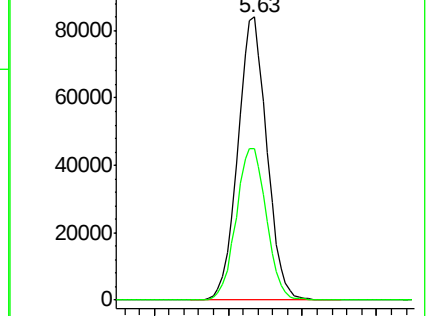
168 100

99 53.3 45.2 67.8

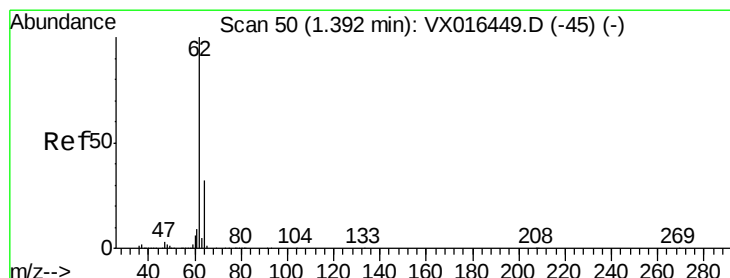
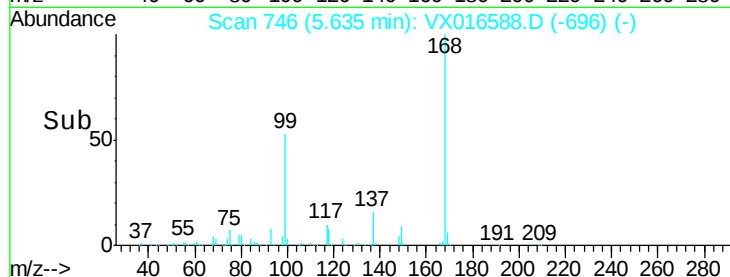


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 2.947 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016588.D

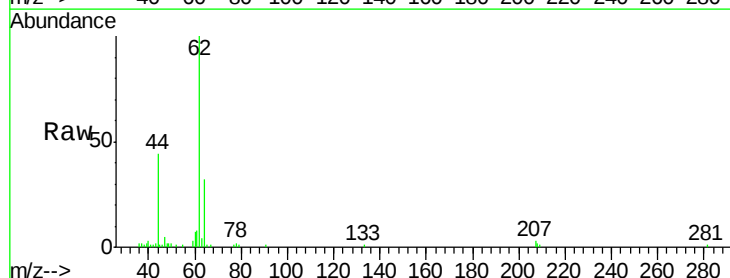
Acq: 04 Jun 2020 17:53

Tgt Ion: 62 Resp: 8534

Ion Ratio Lower Upper

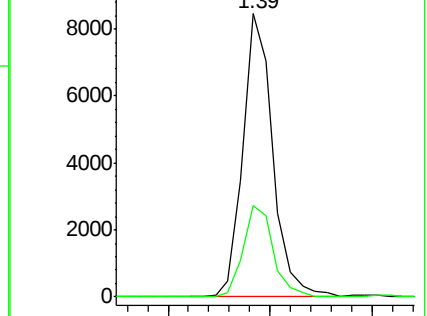
62 100

64 32.3 25.9 38.9

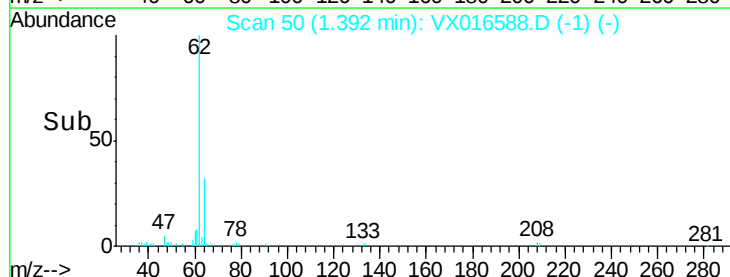


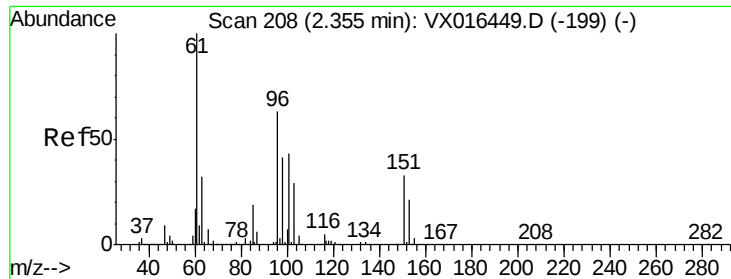
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#12

1,1-Dichloroethene

Concen: 1.126 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-200601

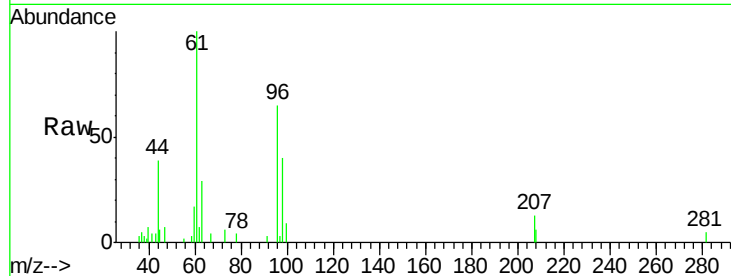
Tot Ion: 96 Resp: 2494

Ion Ratio Lower Upper

96 100

61 155.0 126.6 189.8

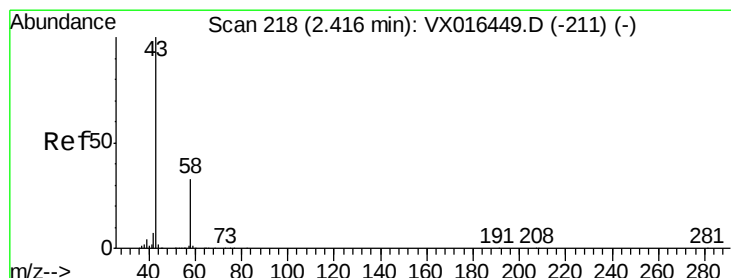
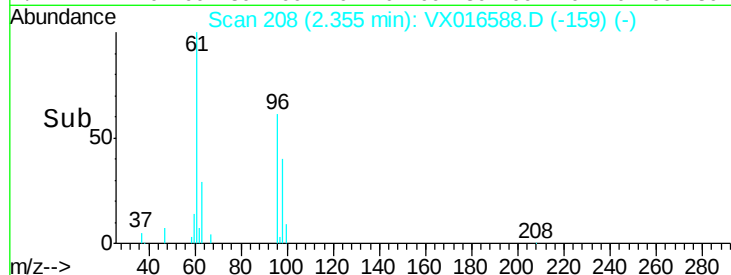
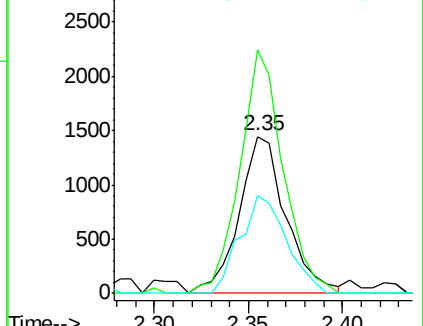
98 62.2 51.3 76.9



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



#16

Acetone

Concen: 3.679 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016588.D

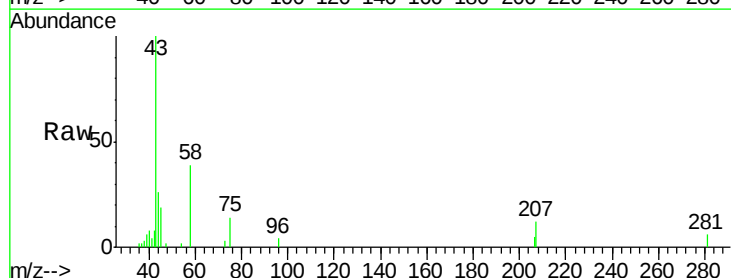
Acq: 04 Jun 2020 17:53

Tgt Ion: 43 Resp: 4608

Ion Ratio Lower Upper

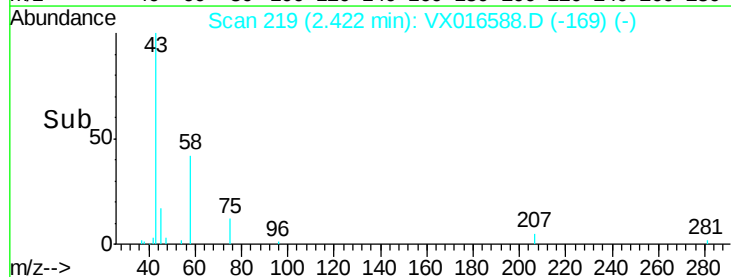
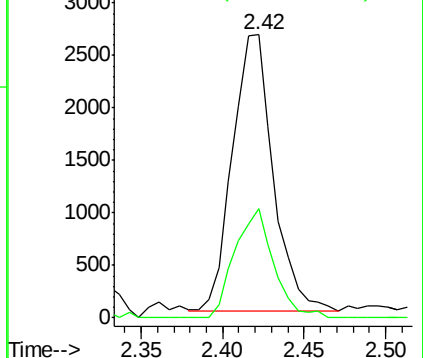
43 100

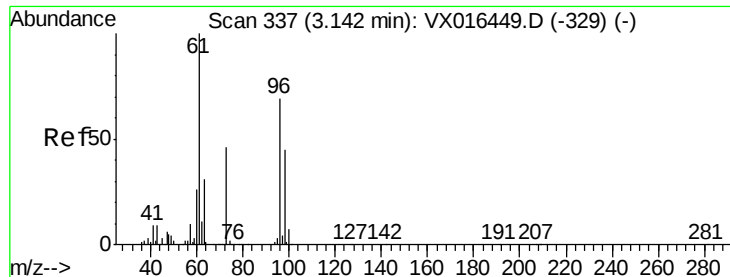
58 39.5 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.273 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-200601

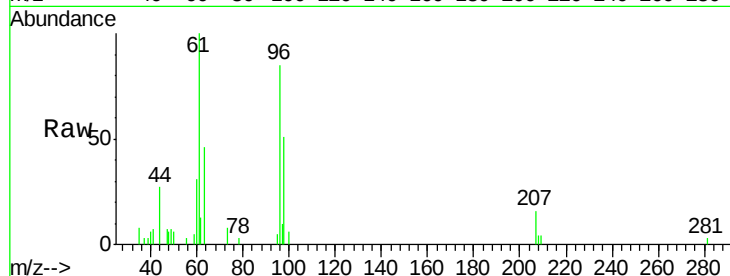
Tot Ion: 96 Resp: 3120

Ion Ratio Lower Upper

96 100

61 117.4 115.3 172.9

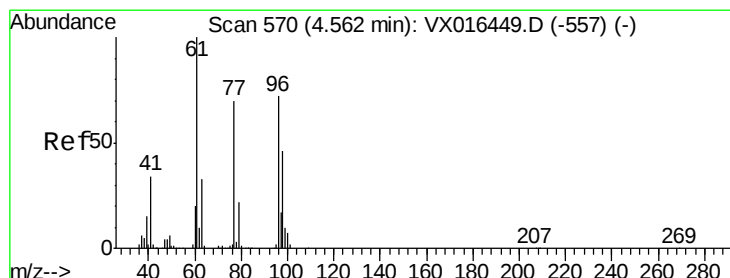
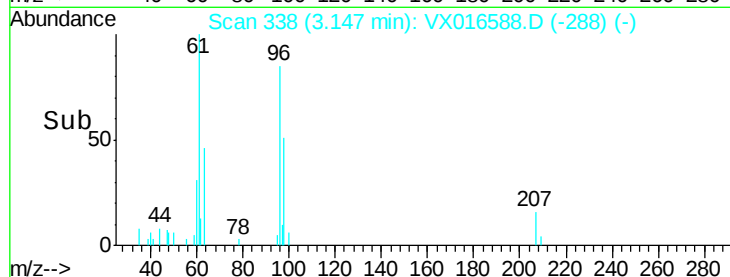
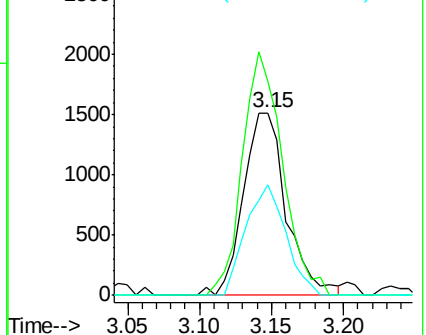
98 60.2 51.9 77.9



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



#27

cis-1,2-Dichloroethene

Concen: 543.417 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

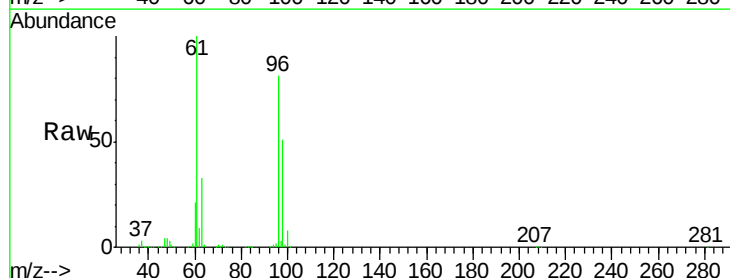
Tgt Ion: 96 Resp: 1540429

Ion Ratio Lower Upper

96 100

61 123.8 0.0 284.6

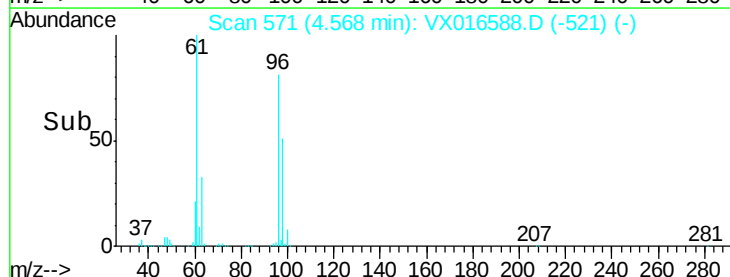
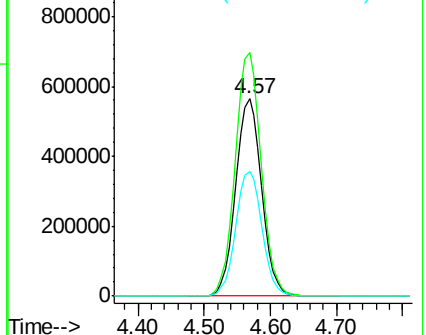
98 64.3 0.0 127.2

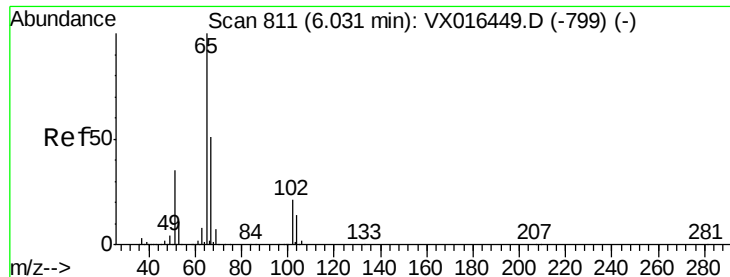


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.895 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

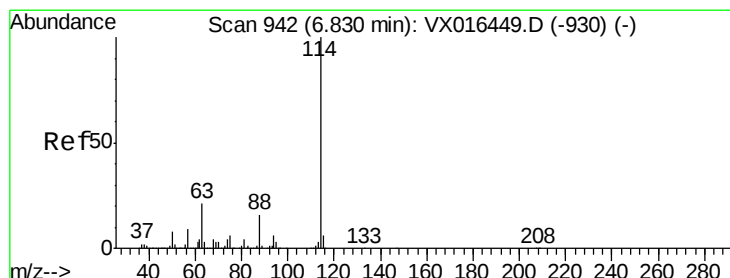
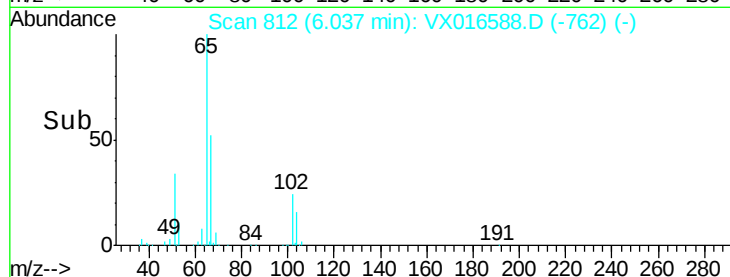
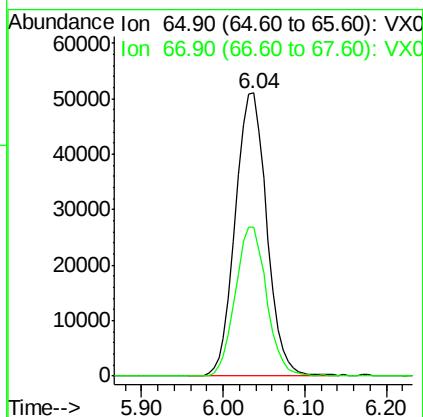
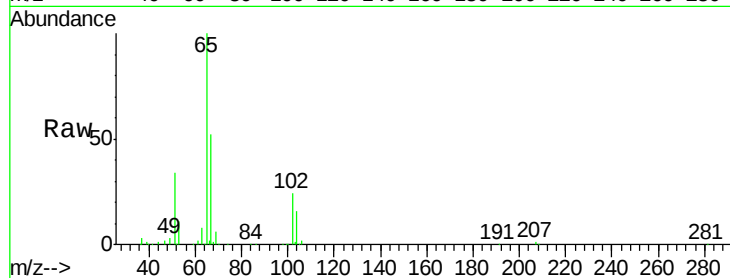
LF012RW163-200601

Tot Ion: 65 Resp: 136936

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

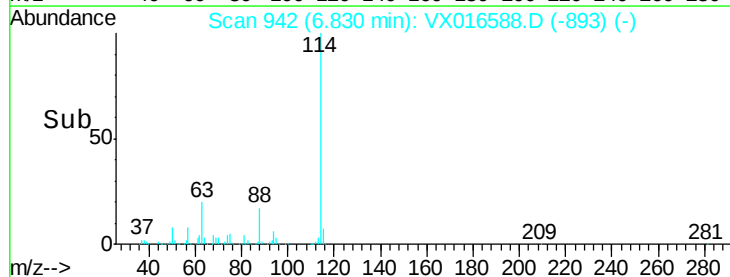
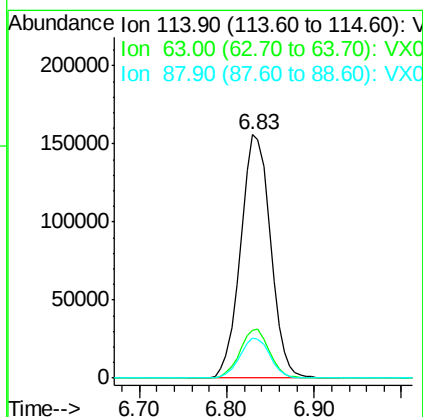
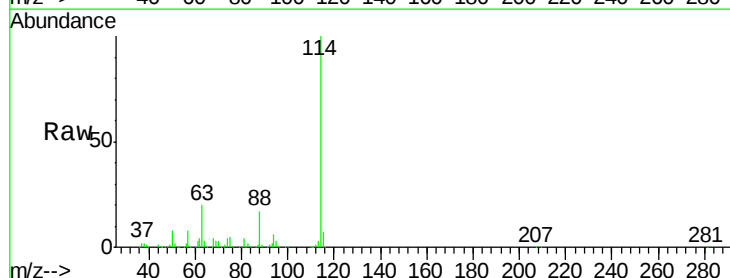
Tgt Ion: 114 Resp: 371667

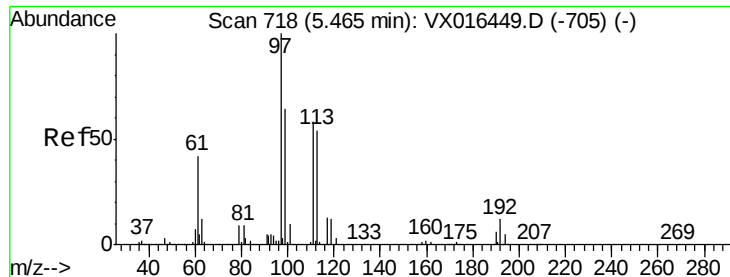
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.474 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-200601

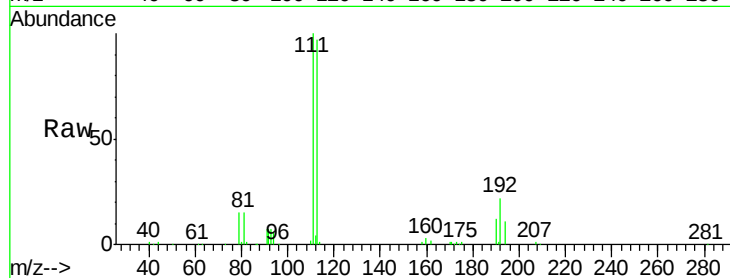
Tot Ion:113 Resp: 113222

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

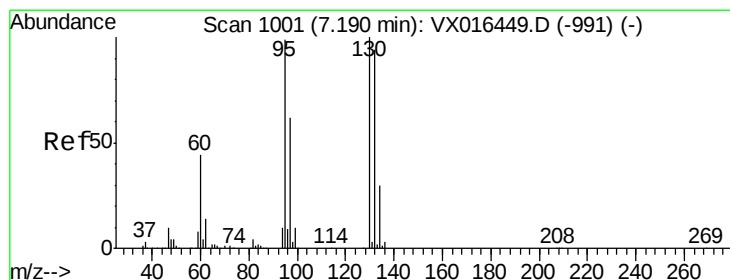
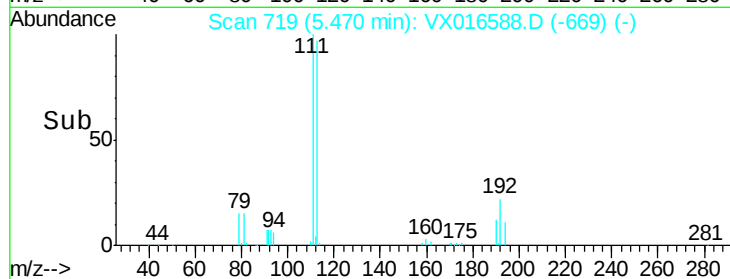
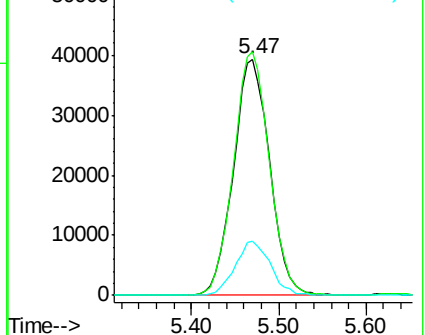
192 22.3 17.7 26.5



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



#44

Trichloroethene

Concen: 1.198 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016588.D

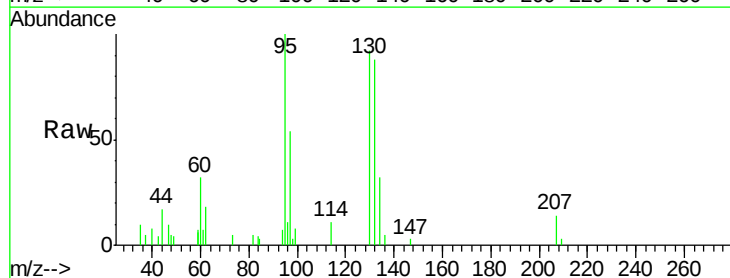
Acq: 04 Jun 2020 17:53

Tgt Ion:130 Resp: 3984

Ion Ratio Lower Upper

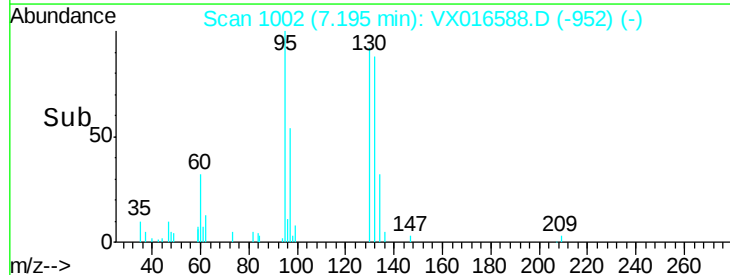
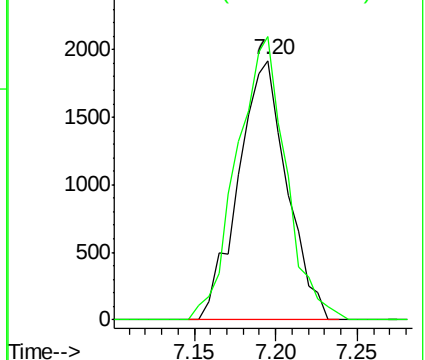
130 100

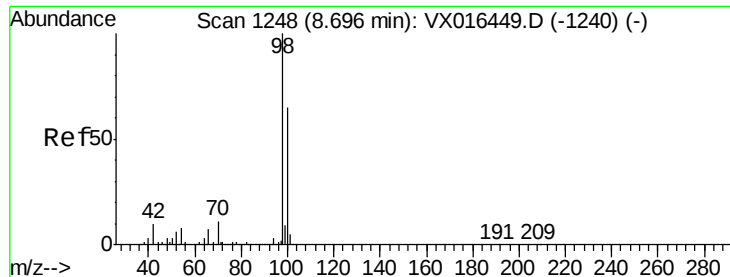
95 109.1 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.494 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

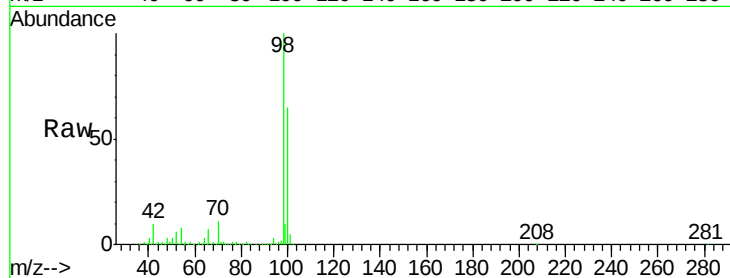
LF012RW163-200601

Tot Ion: 98 Resp: 458677

Ion Ratio Lower Upper

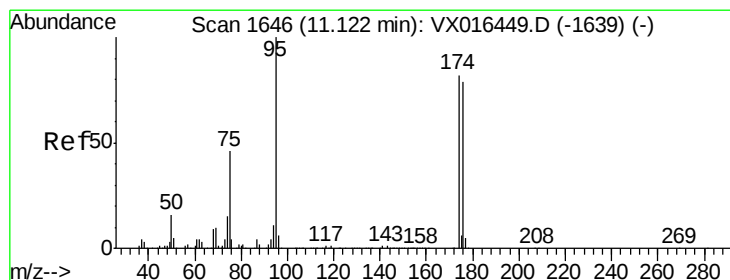
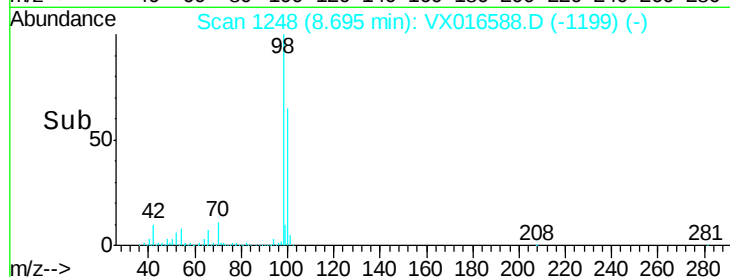
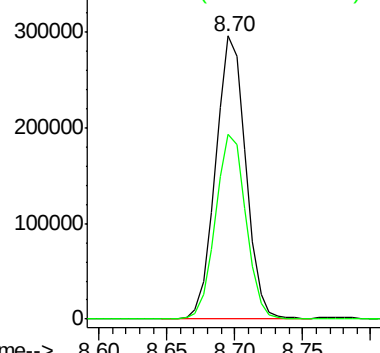
98 100

100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.103 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

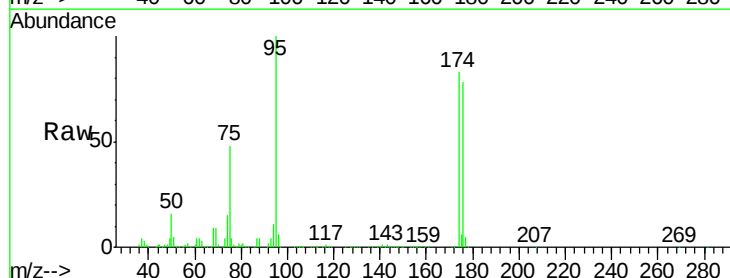
Tgt Ion: 95 Resp: 189654

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.0

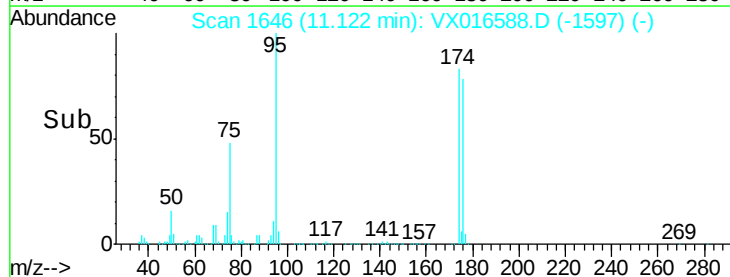
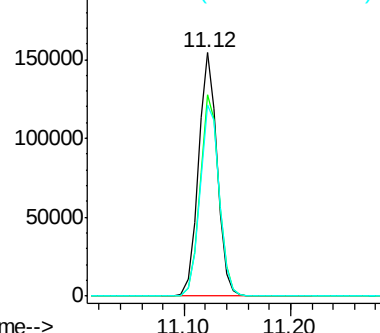
176 81.3 0.0 156.8

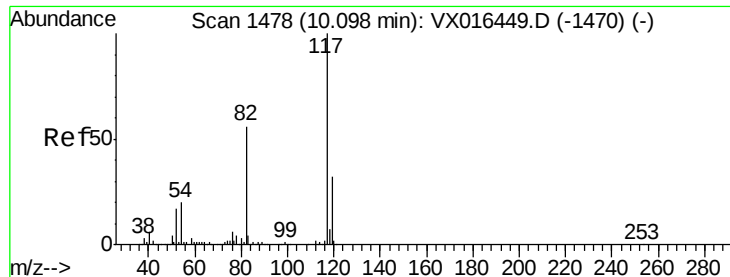


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

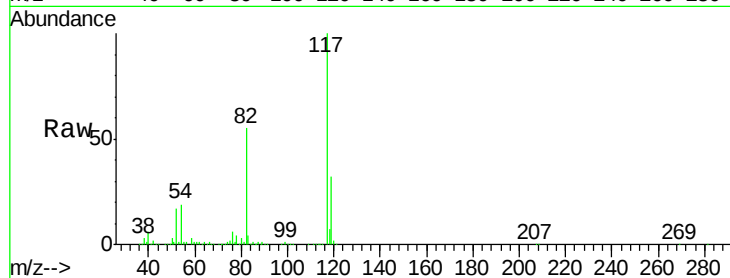




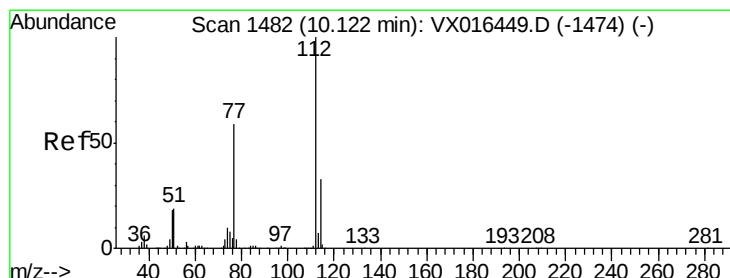
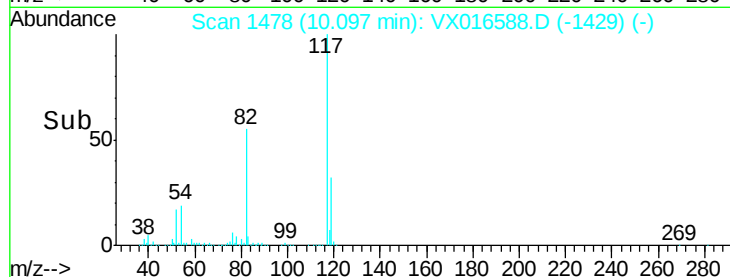
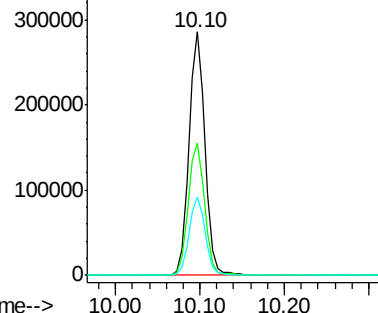
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016588.D
Acq: 04 Jun 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
LF012RW163-200601

Tot Ion:117 Resp: 375889
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.4 25.8 38.8

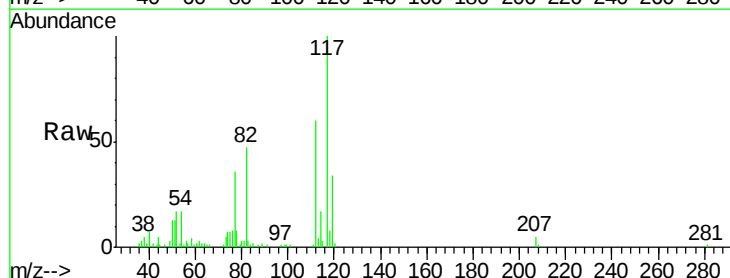


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

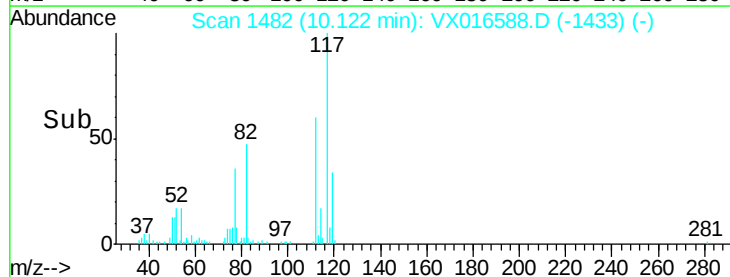
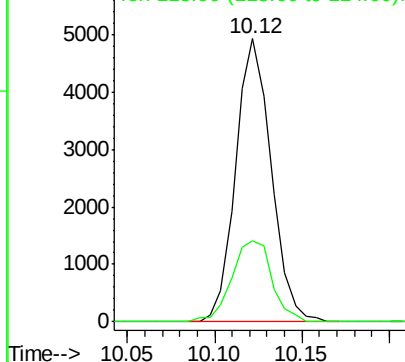


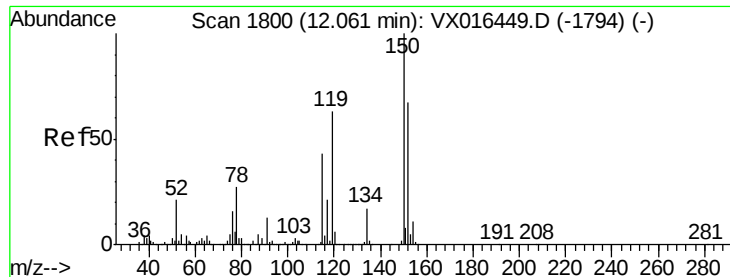
#65
Chlorobenzene
Concen: 0.908 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016588.D
Acq: 04 Jun 2020 17:53

Tgt Ion:112 Resp: 6959
Ion Ratio Lower Upper
112 100
114 28.7 26.0 39.0



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012RW163-200601

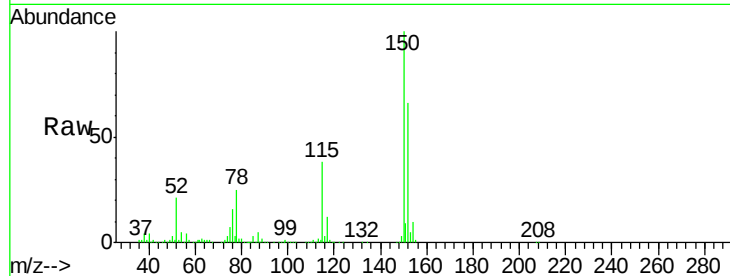
Tot Ion:152 Resp: 191248

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.6

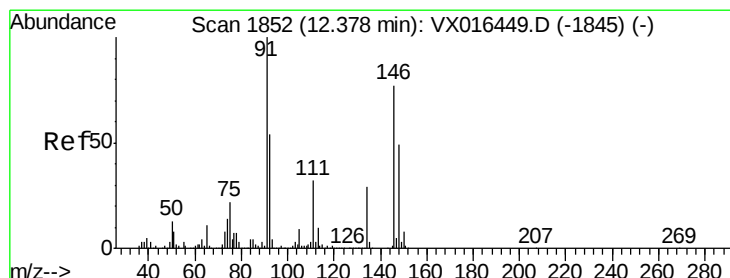
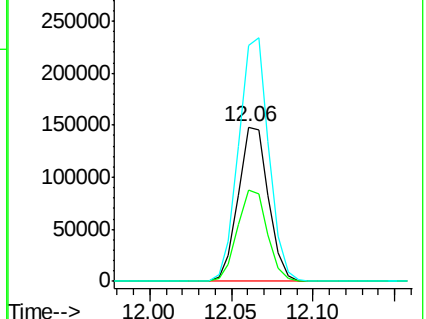
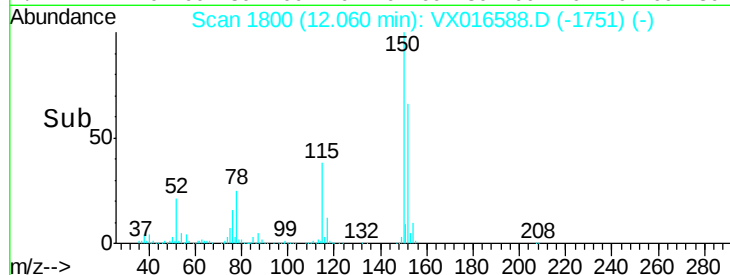
150 158.0 0.0 341.0



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: 0.490 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016588.D

Acq: 04 Jun 2020 17:53

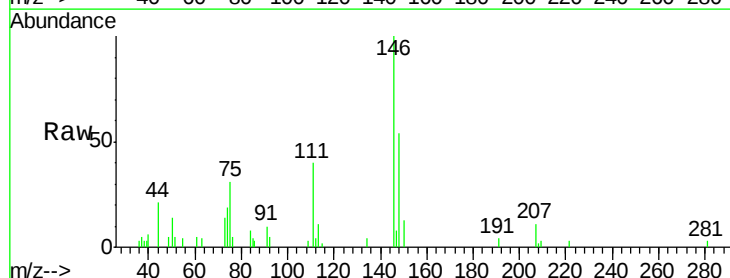
Tgt Ion:146 Resp: 2857

Ion Ratio Lower Upper

146 100

111 38.8 21.4 64.3

148 62.5 31.9 95.7



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

