

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016089.D
 Acq On : 07 May 2020 13:25
 Operator : JC/SP
 Sample : L2543-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-200503

Quant Time: May 08 04:57:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

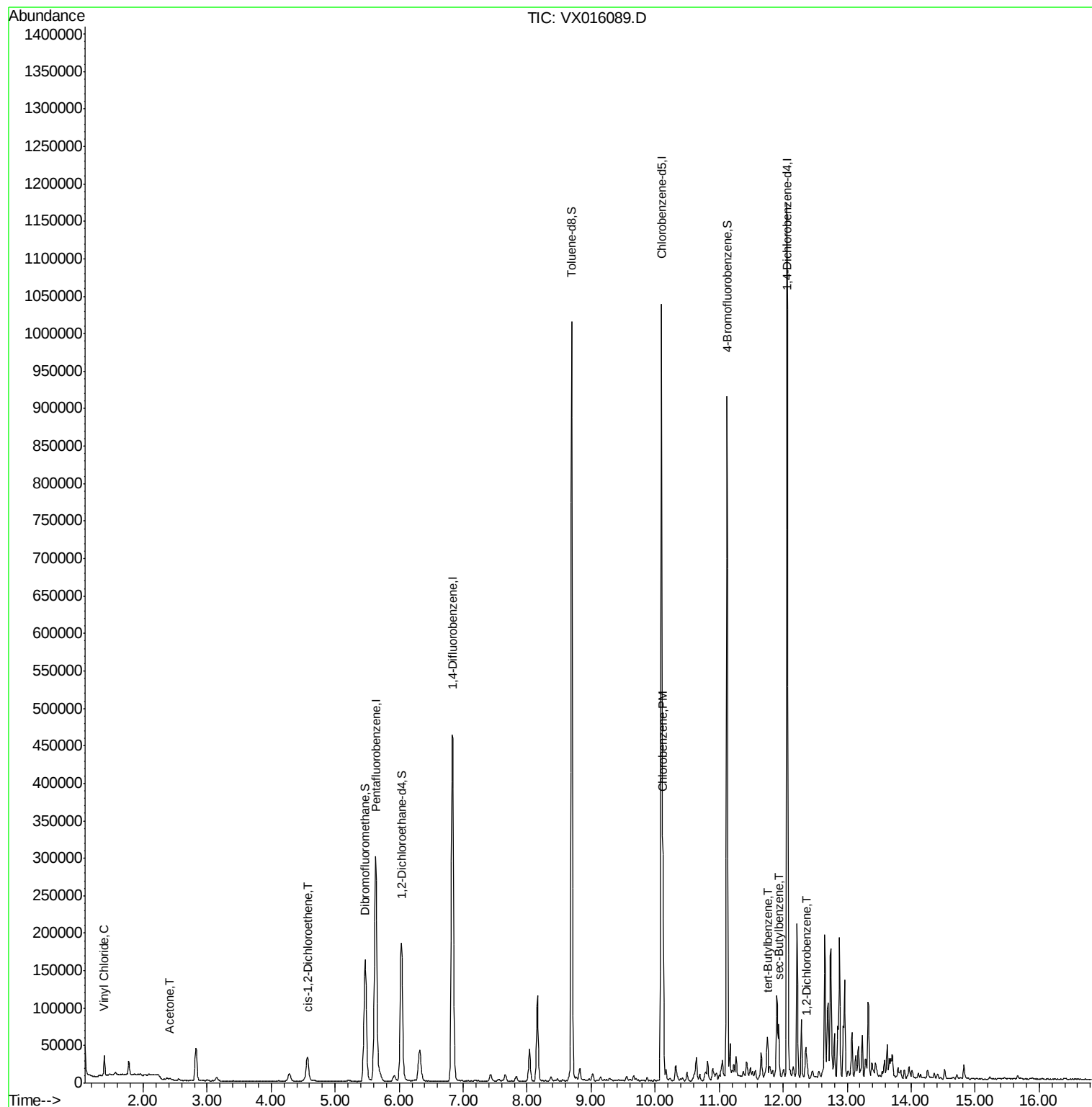
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	296320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	479601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	178851	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	5.47	113	140043	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.70	98	583067	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.12	95	233450	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
Target Compounds						
4) Vinyl Chloride	1.39	62	15037	3.869	ug/l	99
16) Acetone	2.42	43	2262	1.300	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	21270	5.668	ug/l	83
65) Chlorobenzene	10.12	112	119793	12.374	ug/l	97
83) tert-Butylbenzene	11.76	119	19145	1.561	ug/l	98
85) sec-Butylbenzene	11.93	105	34480	2.082	ug/l #	56
91) 1,2-Dichlorobenzene	12.38	146	2341	0.311	ug/l	90

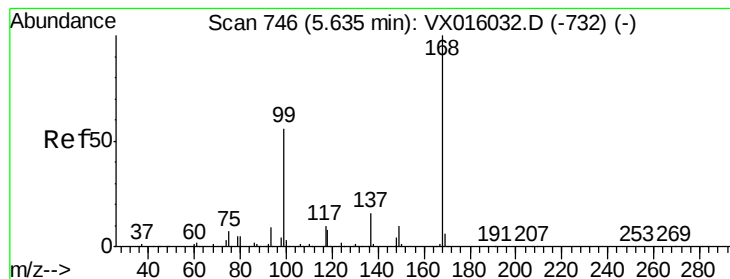
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

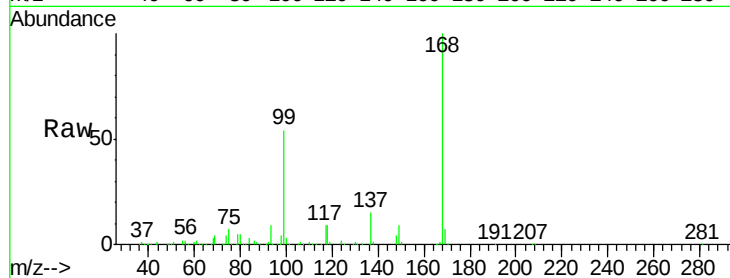
SS038RW016-200503

Tot Ion:168 Resp: 296320

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

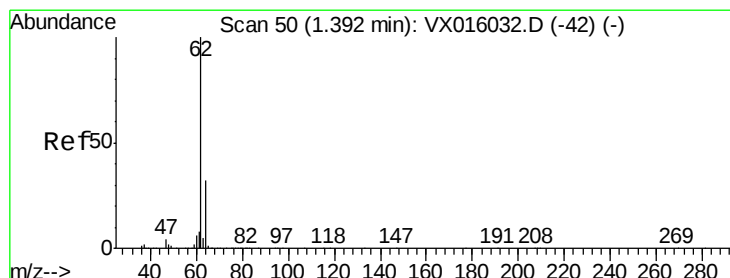
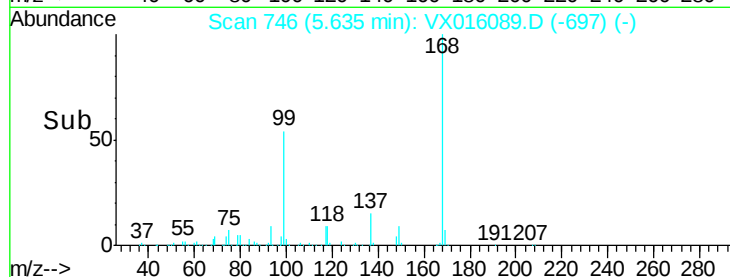
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#4

Vinyl Chloride

Concen: 3.869 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016089.D

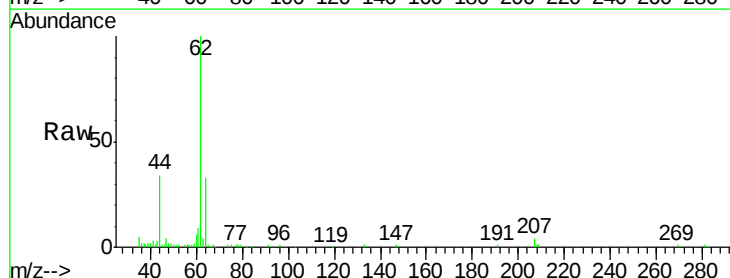
Acq: 07 May 2020 13:25

Tgt Ion: 62 Resp: 15037

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

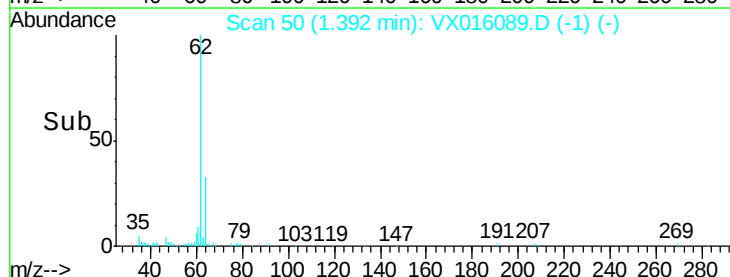
15000

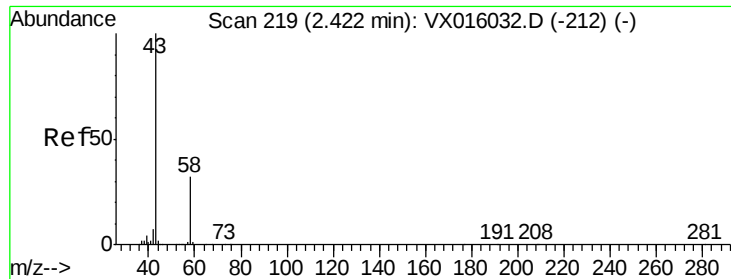
10000

5000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 1.300 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

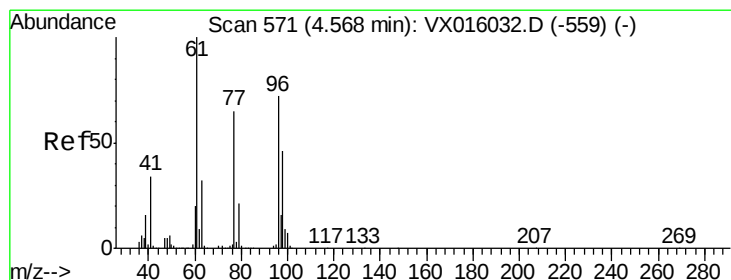
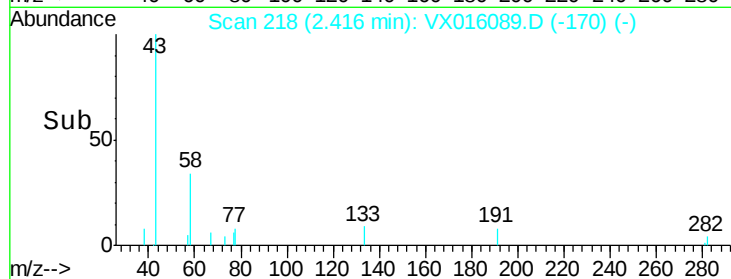
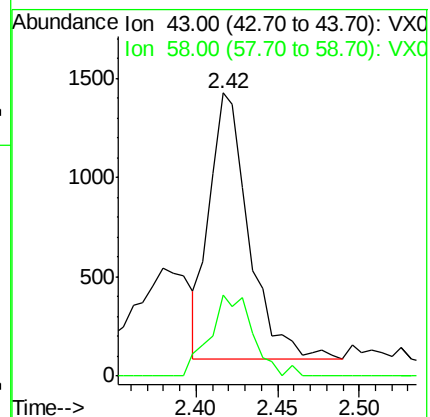
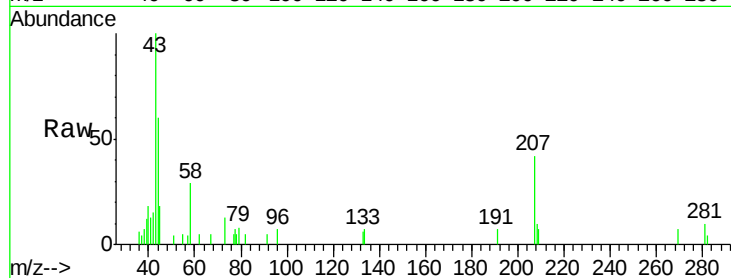
SS038RW016-200503

Tot Ion: 43 Resp: 2262

Ion Ratio Lower Upper

43 100

58 30.6 25.4 38.0



#27

cis-1,2-Dichloroethene

Concen: 5.668 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

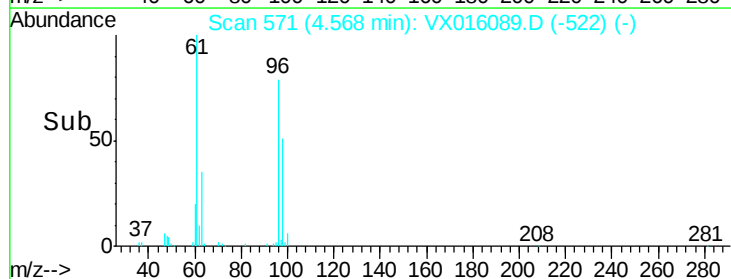
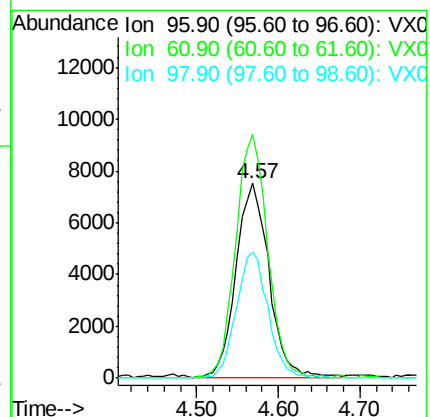
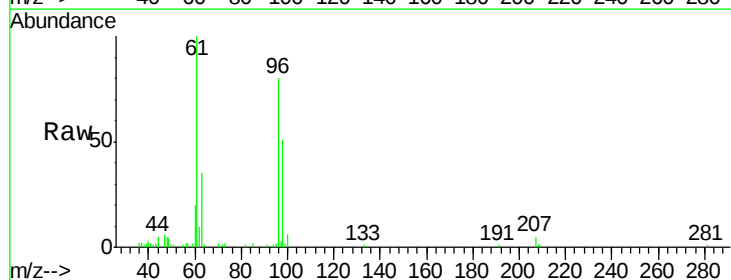
Tgt Ion: 96 Resp: 21270

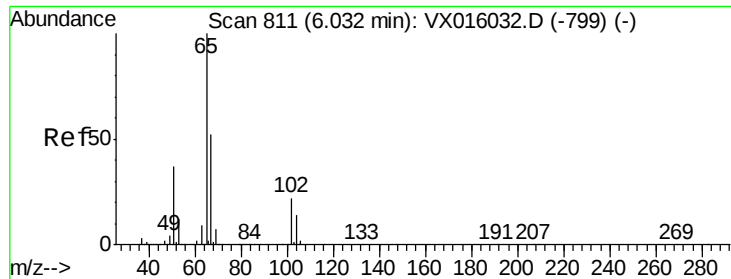
Ion Ratio Lower Upper

96 100

61 120.4 0.0 296.2

98 61.1 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 45.868 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

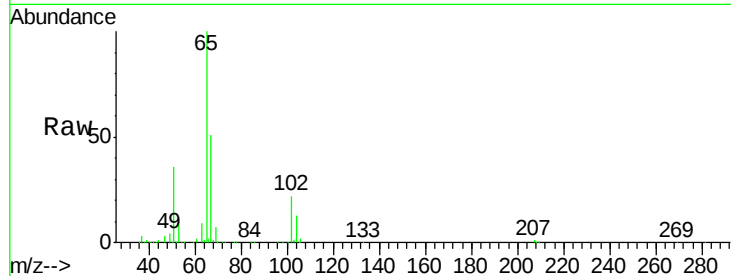
SS038RW016-200503

Tot Ion: 65 Resp: 178851

Ion Ratio Lower Upper

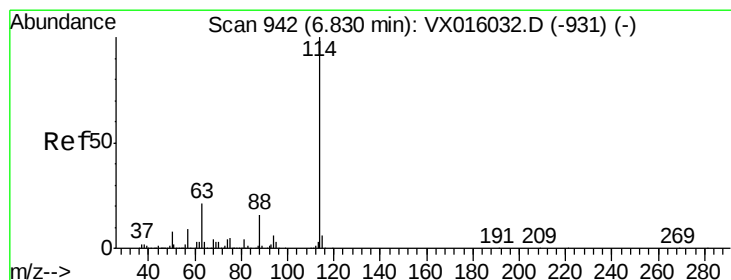
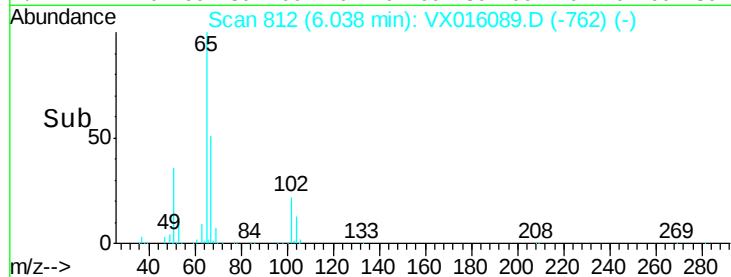
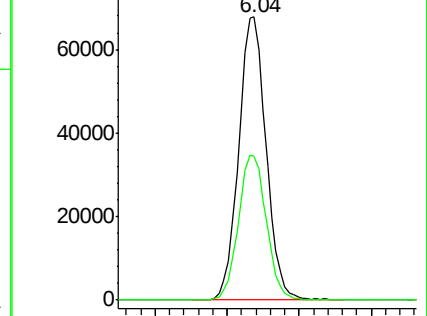
65 100

67 52.2 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: VX016089.D

Acq: 07 May 2020 13:25

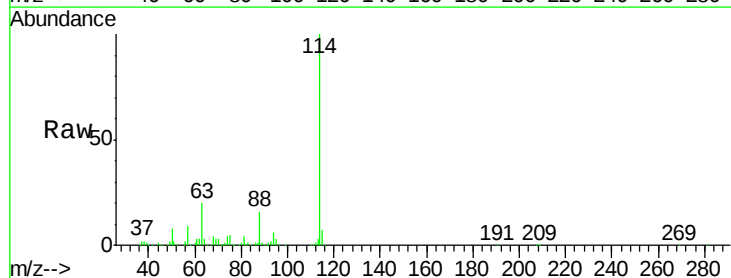
Tgt Ion: 114 Resp: 479601

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

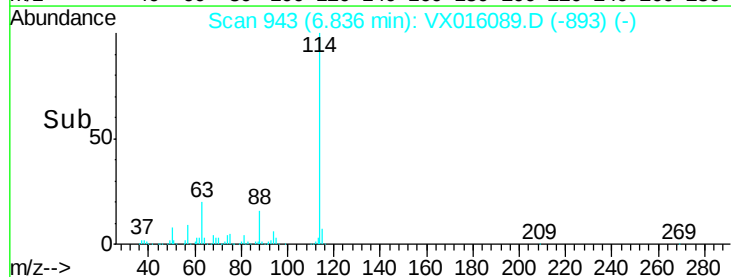
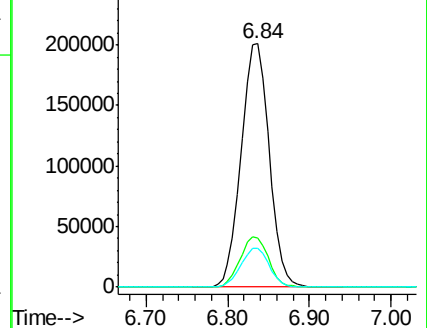
88 15.9 0.0 31.4



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: 46.090 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-200503

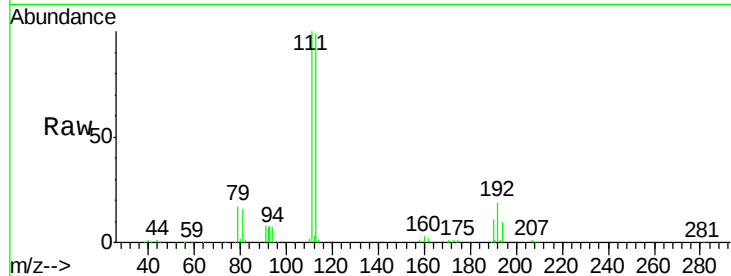
Tot Ion:113 Resp: 140043

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

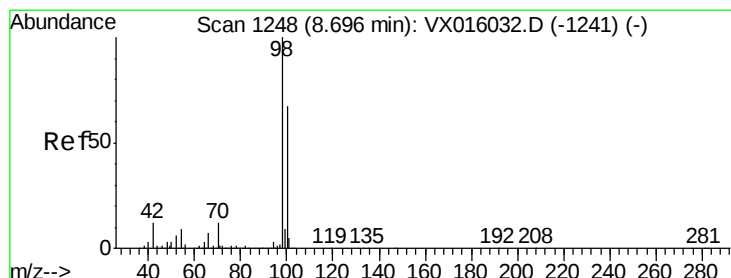
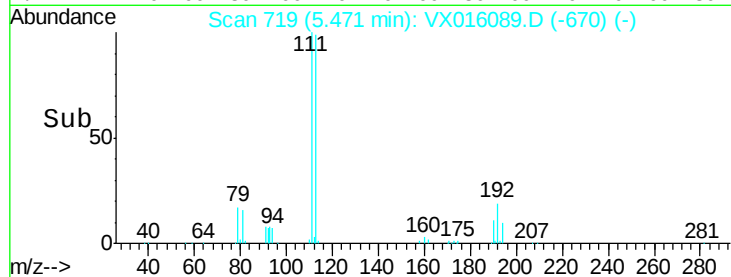
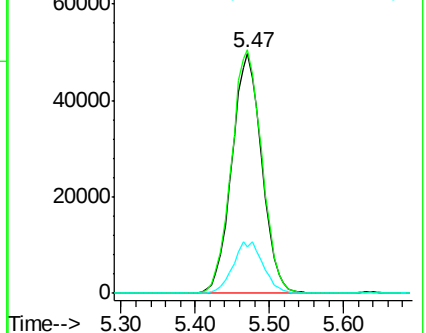
192 21.9 17.0 25.4



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



#50

Toluene-d8

Concen: 49.803 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016089.D

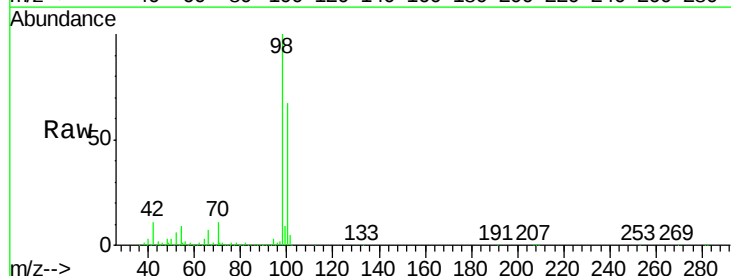
Acq: 07 May 2020 13:25

Tgt Ion: 98 Resp: 583067

Ion Ratio Lower Upper

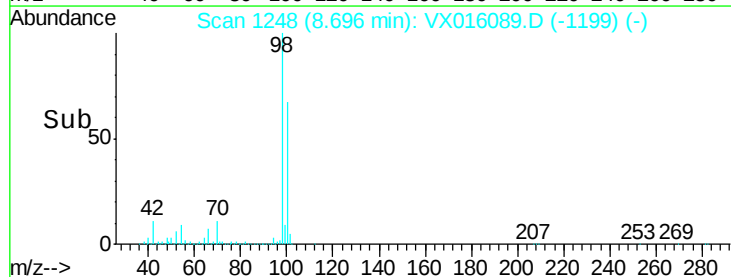
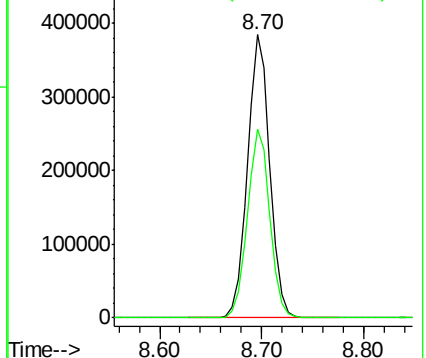
98 100

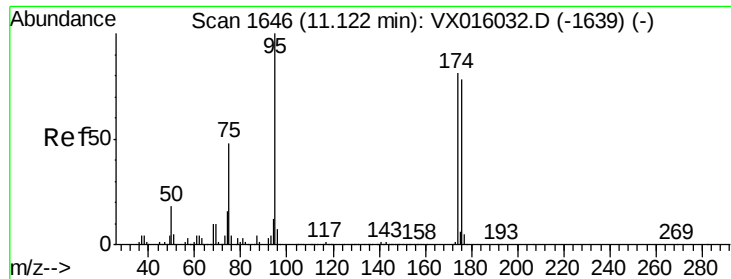
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.426 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-200503

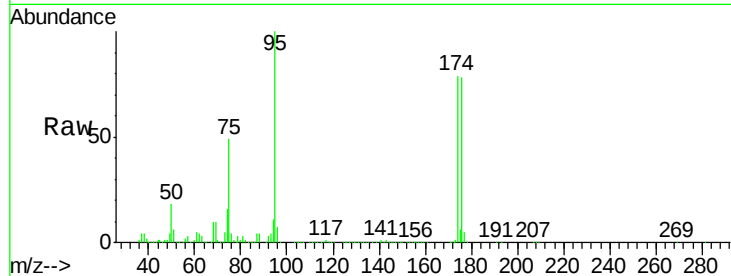
Tot Ion: 95 Resp: 233450

Ion Ratio Lower Upper

95 100

174 81.1 0.0 159.4

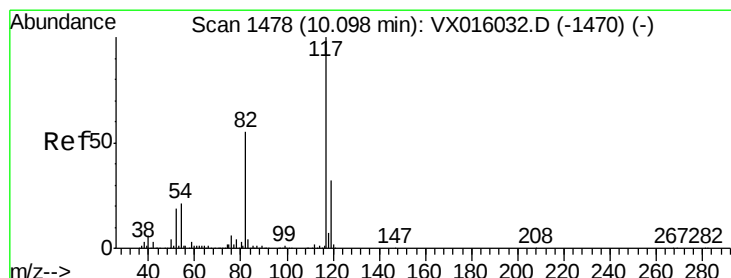
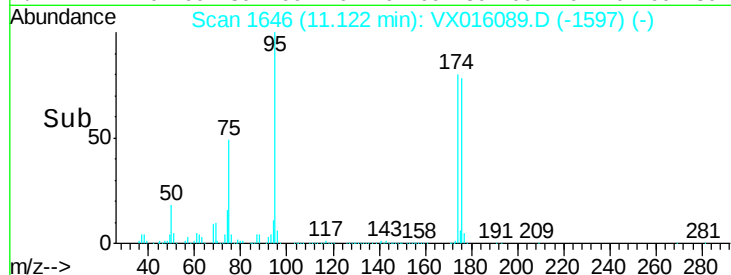
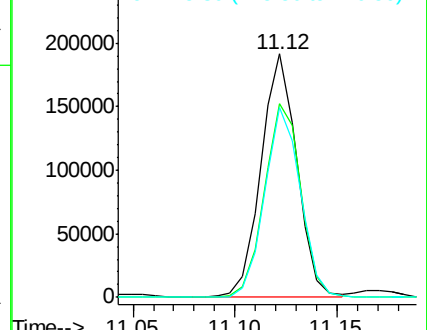
176 78.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016089.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016089.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016089.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

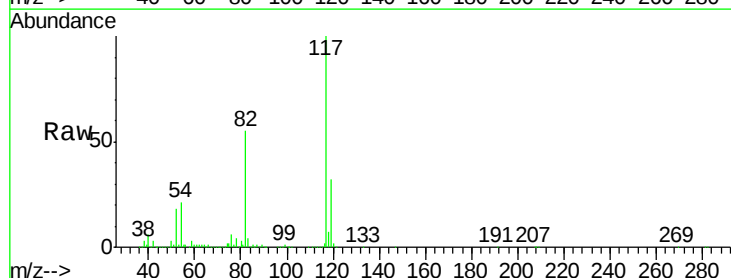
Tgt Ion: 117 Resp: 462357

Ion Ratio Lower Upper

117 100

82 54.6 44.4 66.6

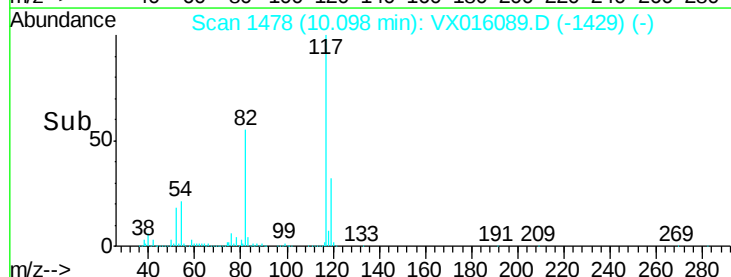
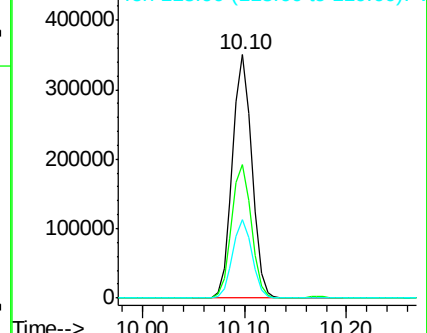
119 32.2 25.5 38.3

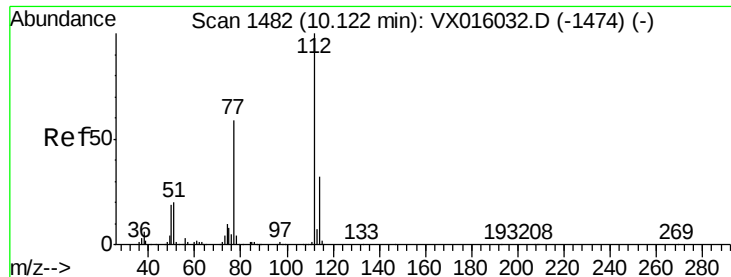


Abundance Ion 116.90 (116.60 to 117.60): VX016089.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016089.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016089.D (-1429) (-)





#65

Chlorobenzene

Concen: 12.374 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

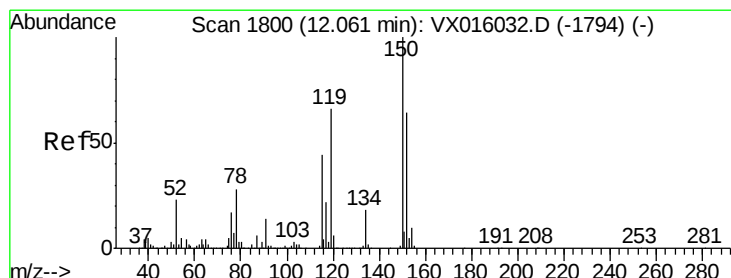
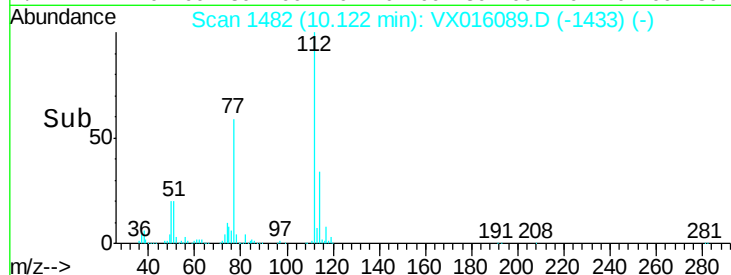
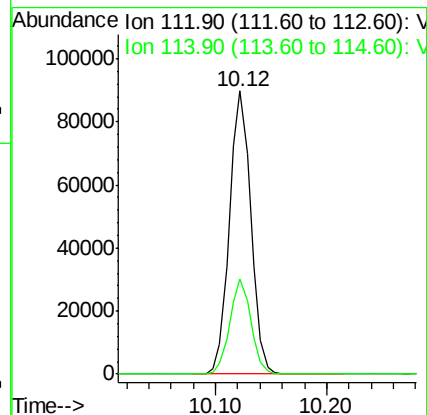
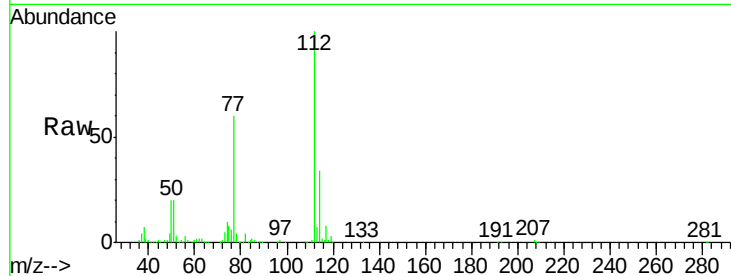
SS038RW016-200503

Tot Ion:112 Resp: 119793

Ion Ratio Lower Upper

112 100

114 33.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

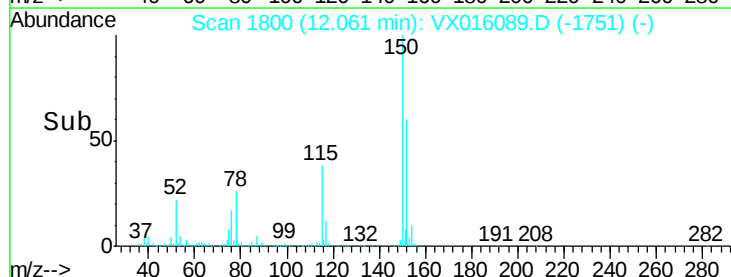
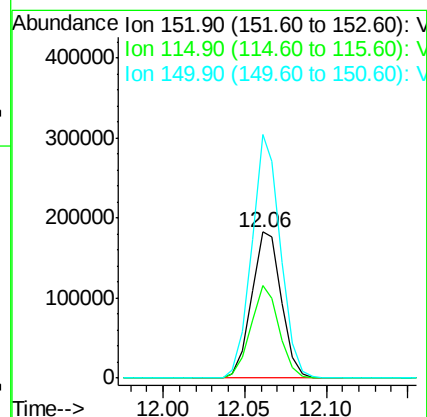
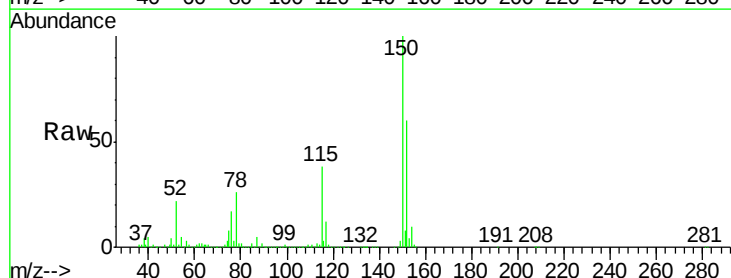
Tgt Ion:152 Resp: 231771

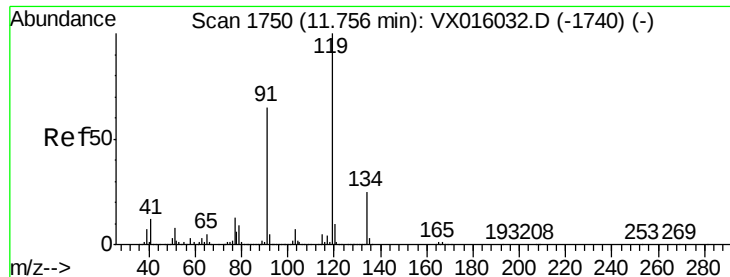
Ion Ratio Lower Upper

152 100

115 60.5 41.3 124.1

150 160.2 0.0 352.2

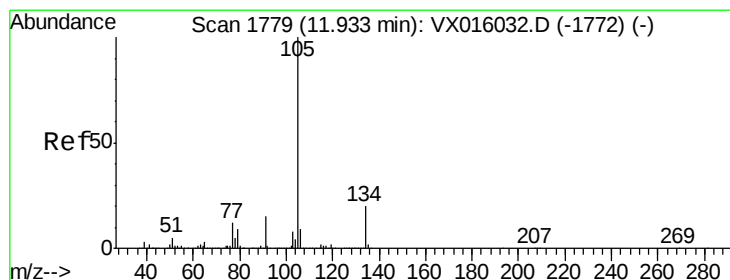
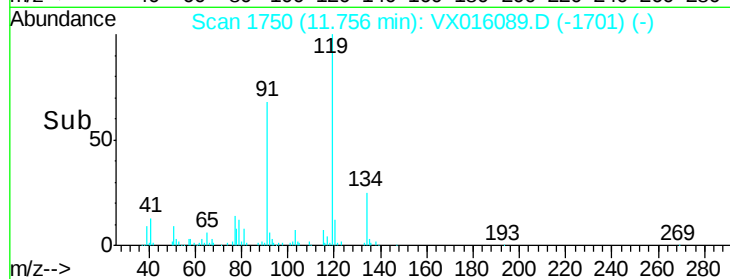
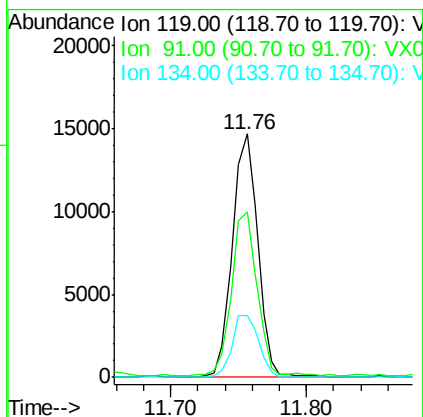
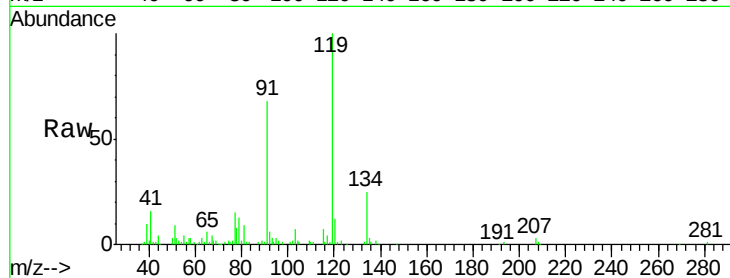




#83
tert-Butylbenzene
Concen: 1.561 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016089.D
Acq: 07 May 2020 13:25

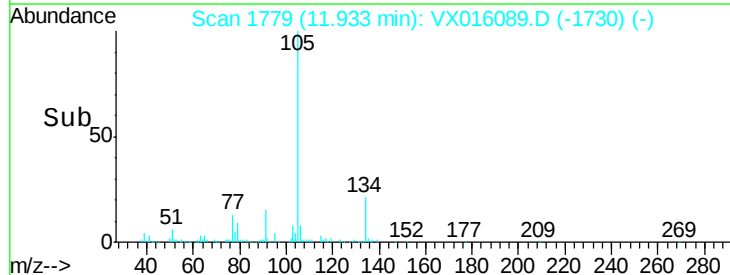
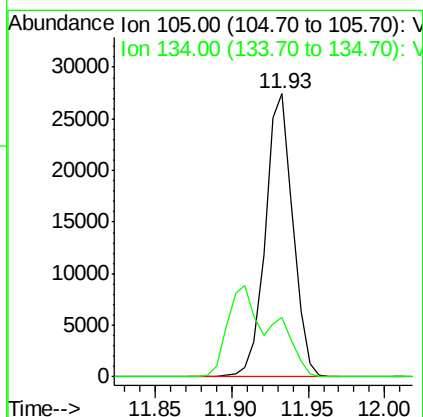
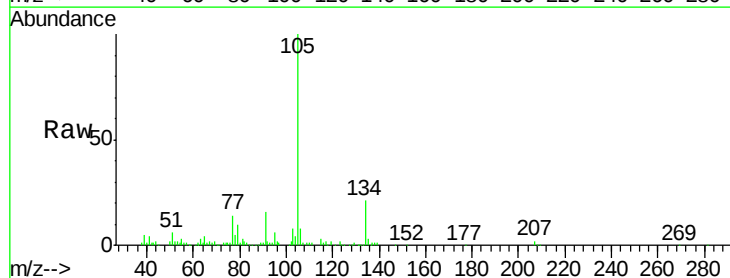
Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-200503

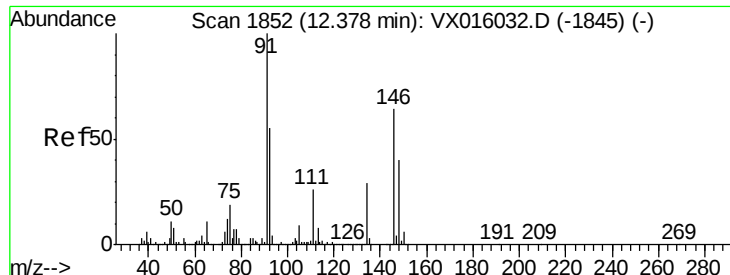
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.8	98.4
134	26.4	12.4	37.0



#85
sec-Butylbenzene
Concen: 2.082 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016089.D
Acq: 07 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3





#91

1,2-Dichlorobenzene

Concen: 0.311 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016089.D

Acq: 07 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-200503

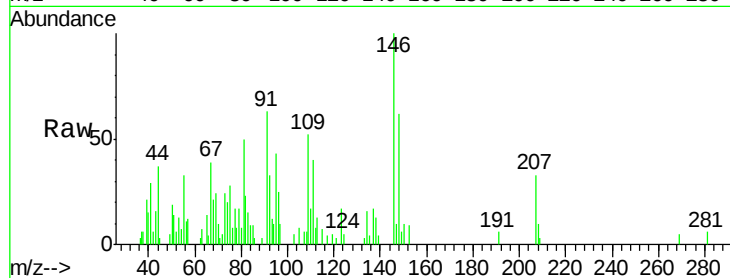
Tot Ion:146 Resp: 2341

Ion Ratio Lower Upper

146 100

111 56.3 21.1 63.1

148 63.5 32.4 97.0



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

