

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052920\
 Data File : VX016505.D
 Acq On : 29 May 2020 13:01
 Operator : JC/SP
 Sample : L2796-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48963

Quant Time: May 30 04:07:45 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	284499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218542	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	166884	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	5.47	113	130154	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	8.70	98	563326	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.12	95	218913	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	

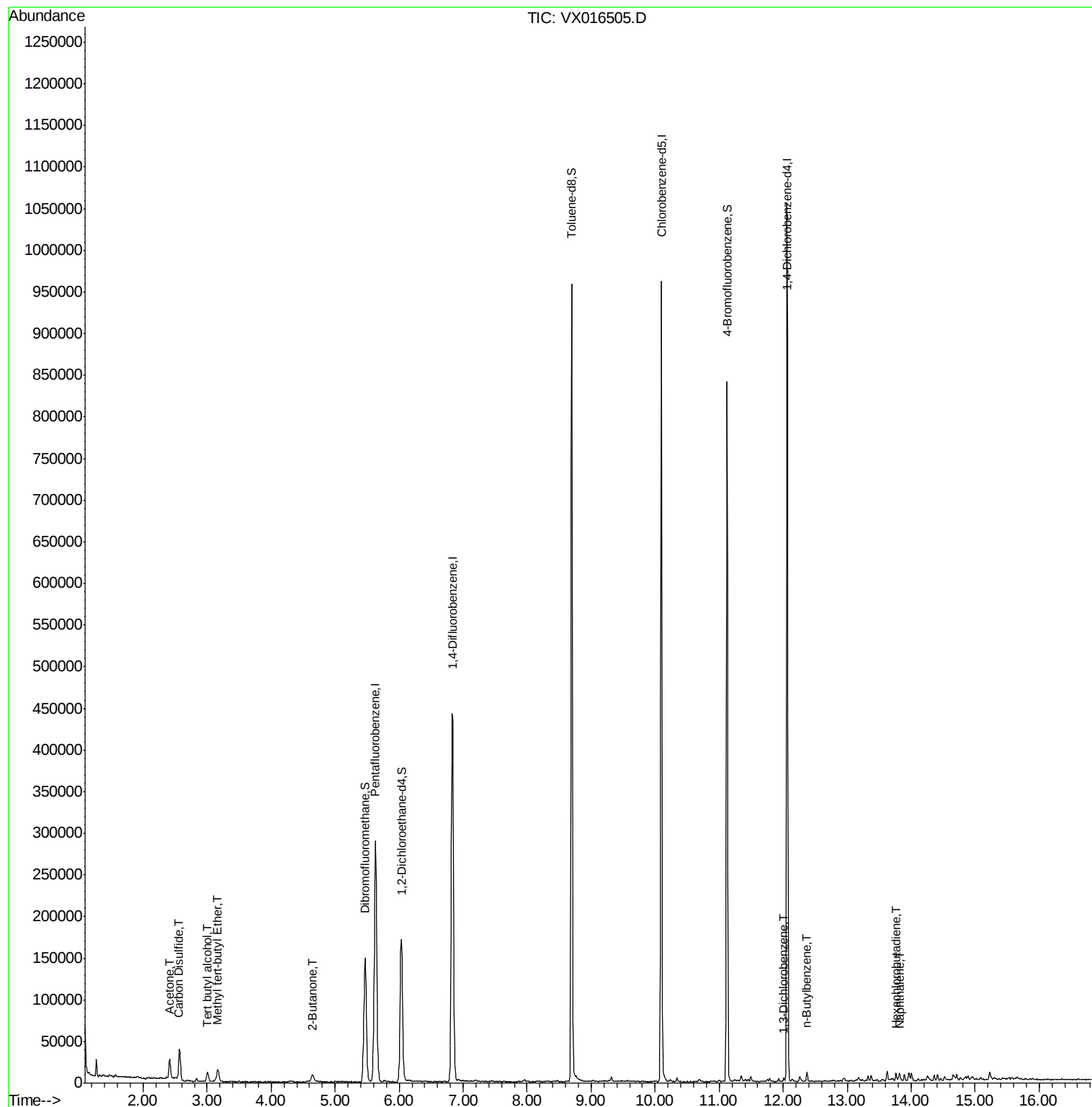
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	15022	16.58	ug/l	100
16) Acetone	2.42	43	24753	15.99	ug/l	98
17) Carbon Disulfide	2.55	76	4051	0.50	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	17141	1.74	ug/l	97
25) 2-Butanone	4.65	43	5494	2.09	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1390	0.20	ug/l	97
89) n-Butylbenzene	12.37	91	3723	0.35	ug/l	100
94) Hexachlorobutadiene	13.76	225	1379	0.79	ug/l	95
95) Naphthalene	13.82	128	5422	0.36	ug/l #	93

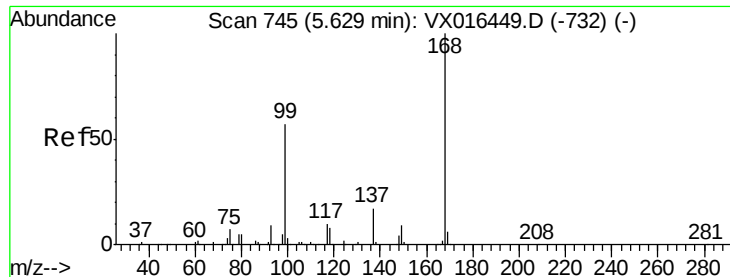
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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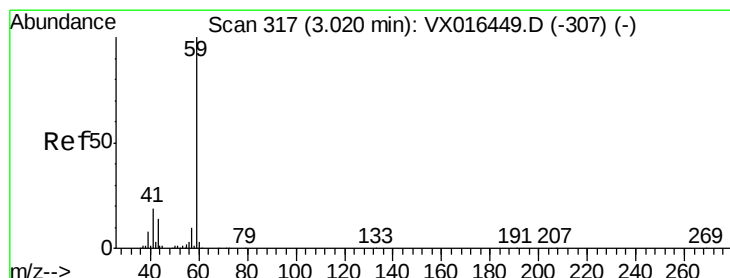
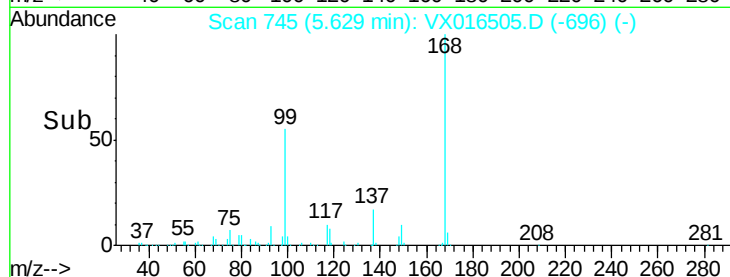
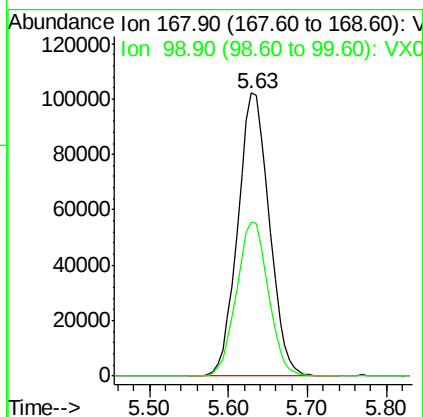
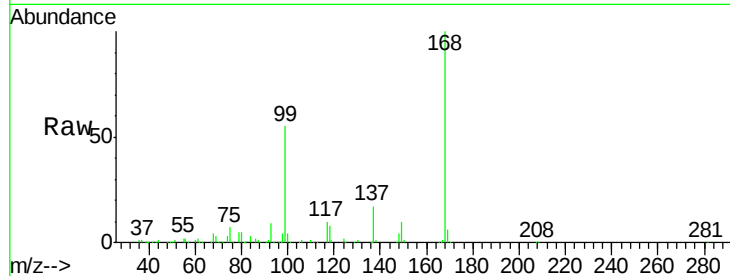




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016505.D
Acq: 29 May 2020 13:01

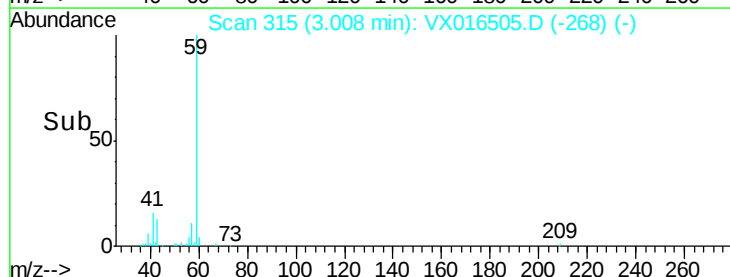
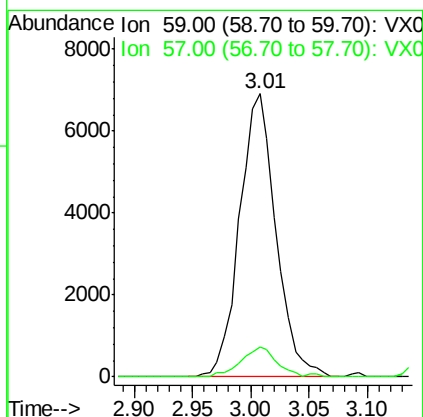
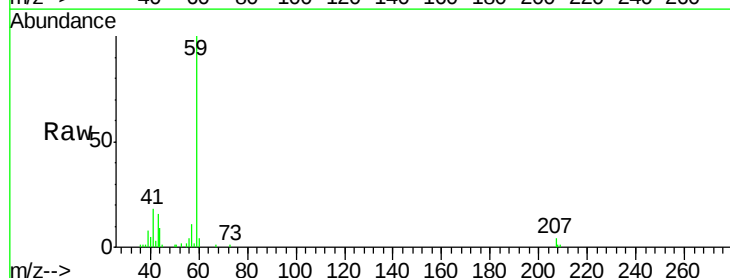
Instrument :
MSVOA_X
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N48963

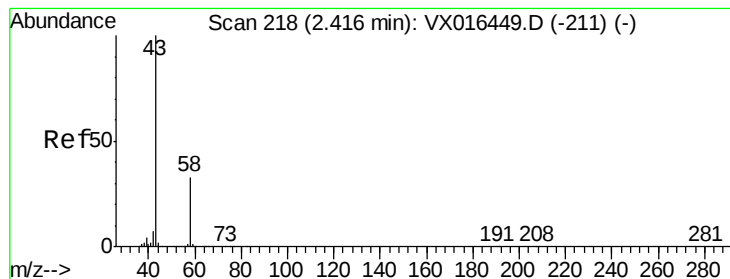
Tgt Ion: 168 Resp: 284499
Ion Ratio Lower Upper
168 100
99 54.5 45.2 67.8



#11
Tert butyl alcohol
Concen: 16.58 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016505.D
Acq: 29 May 2020 13:01

Tgt Ion: 59 Resp: 15022
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4





#16

Acetone

Concen: 15.99 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

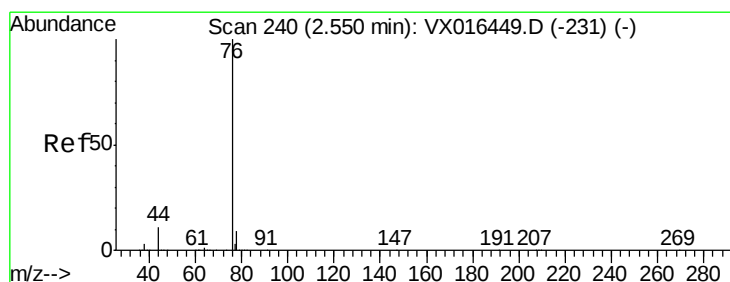
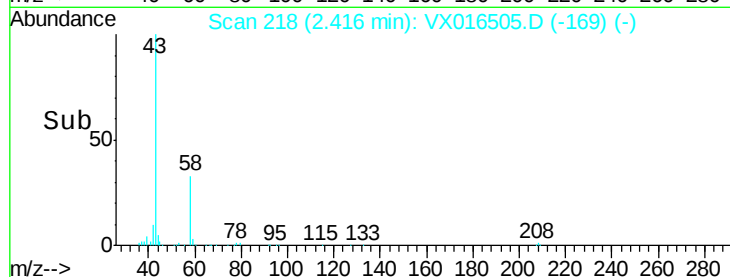
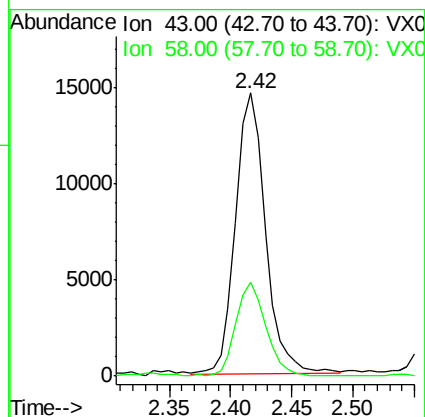
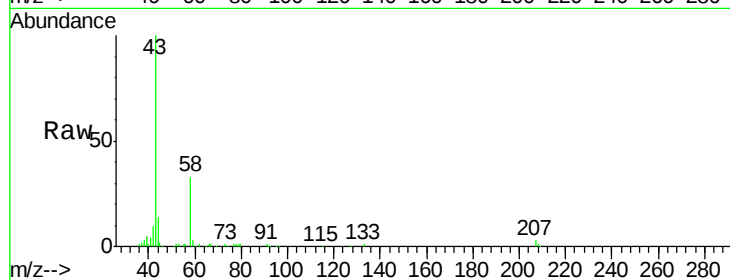
N48963

Tgt Ion: 43 Resp: 24753

Ion Ratio Lower Upper

43 100

58 33.5 26.1 39.1



#17

Carbon Disulfide

Concen: 0.50 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016505.D

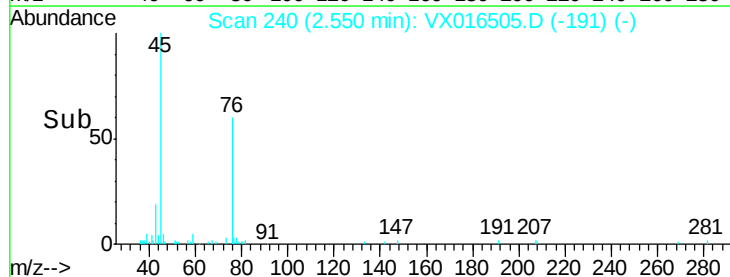
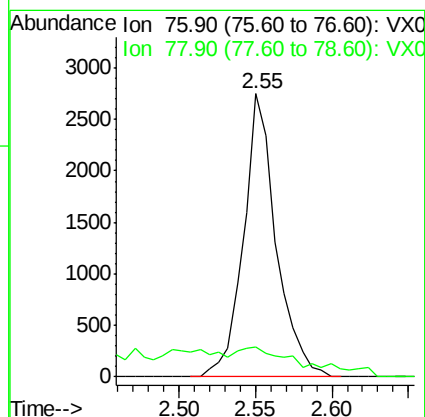
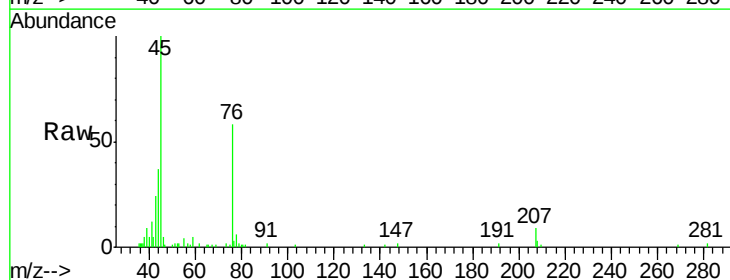
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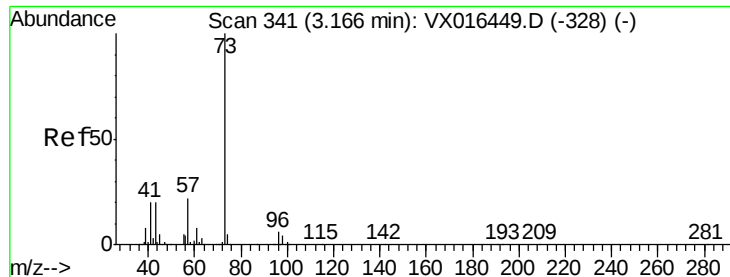
Tgt Ion: 76 Resp: 4051

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0

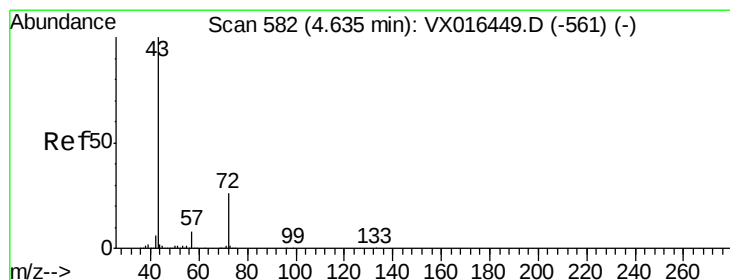
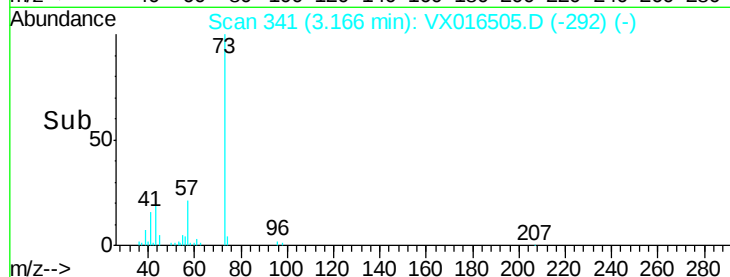
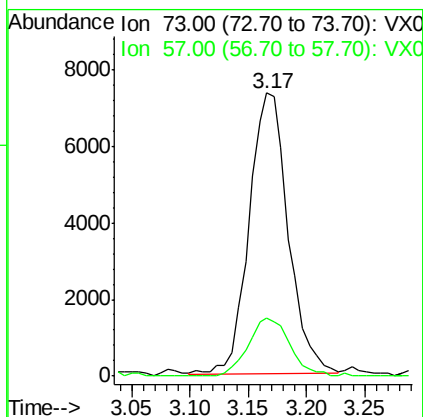
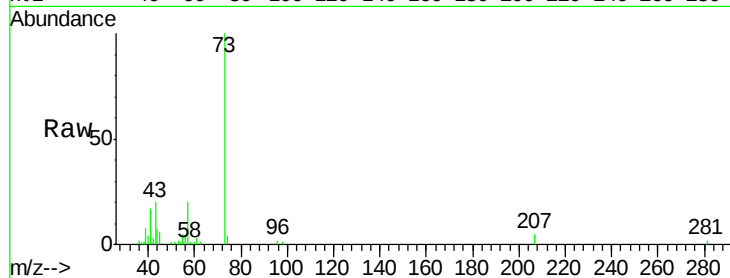




#19
Methyl tert-butyl Ether
Concen: 1.74 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016505.D
Acq: 29 May 2020 13:01

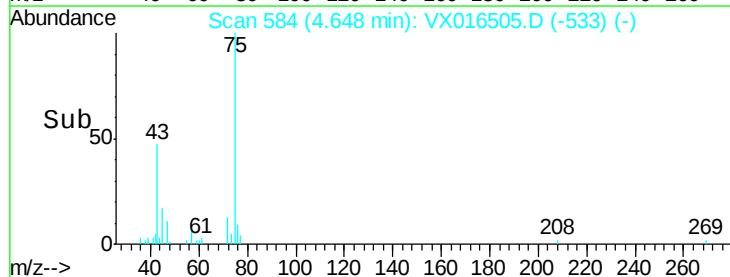
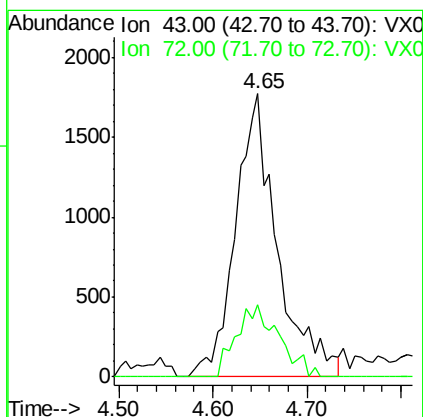
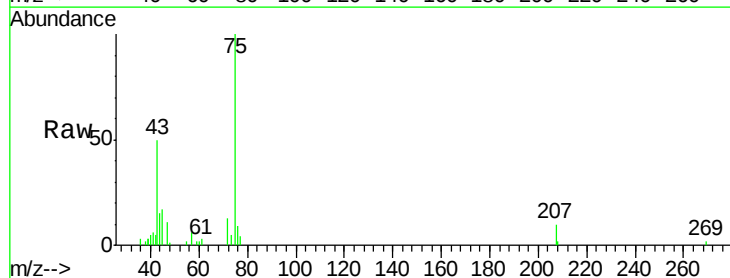
Instrument :
MSVOA_X
ClientSampleId :
N48963

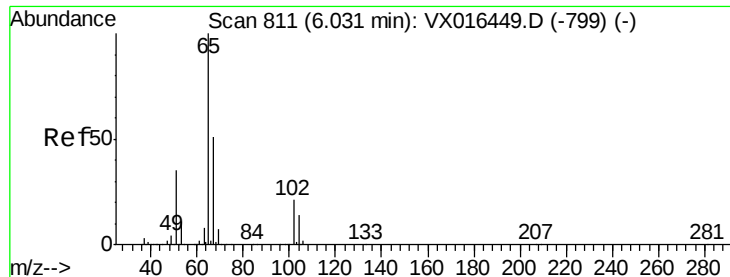
Tgt Ion: 73 Resp: 17141
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6



#25
2-Butanone
Concen: 2.09 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016505.D
Acq: 29 May 2020 13:01

Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
72 25.4 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 47.23 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

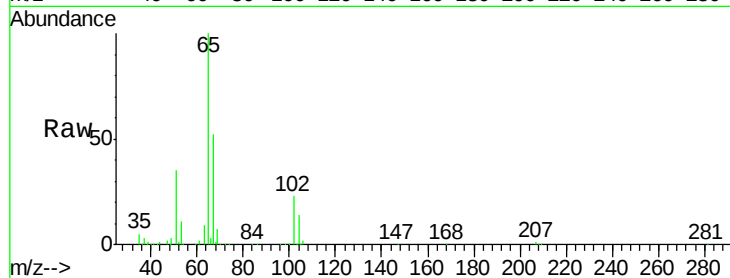
N48963

Tgt Ion: 65 Resp: 166884

Ion Ratio Lower Upper

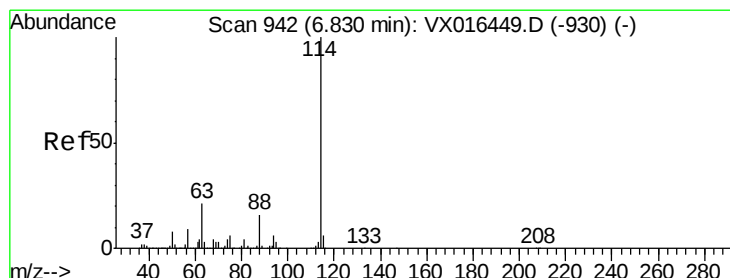
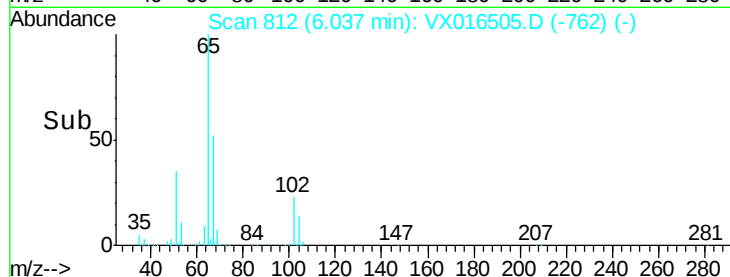
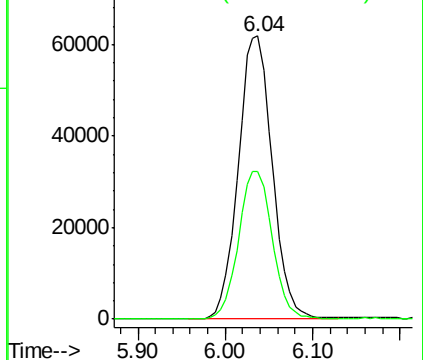
65 100

67 51.9 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: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

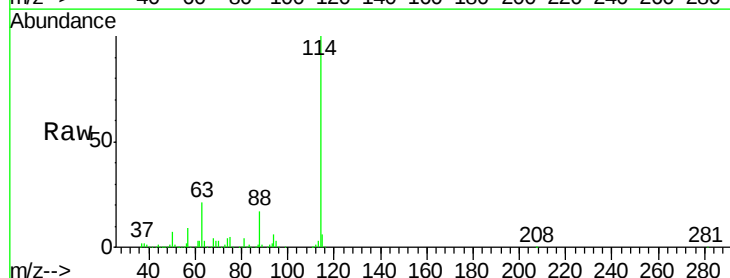
Tgt Ion: 114 Resp: 455344

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

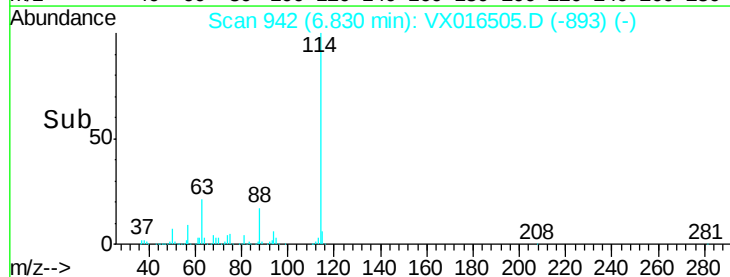
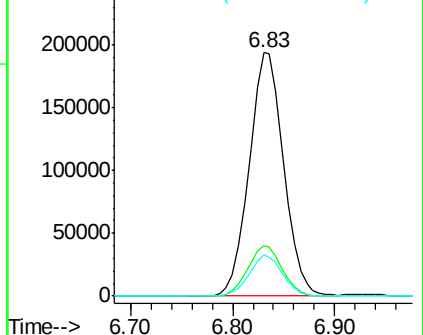
88 16.9 0.0 32.8

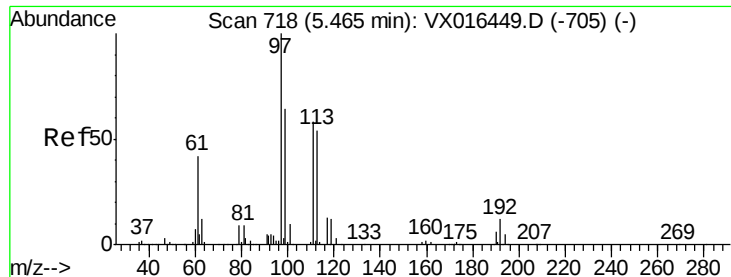


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

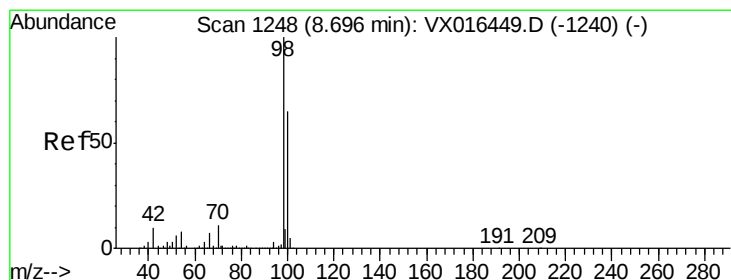
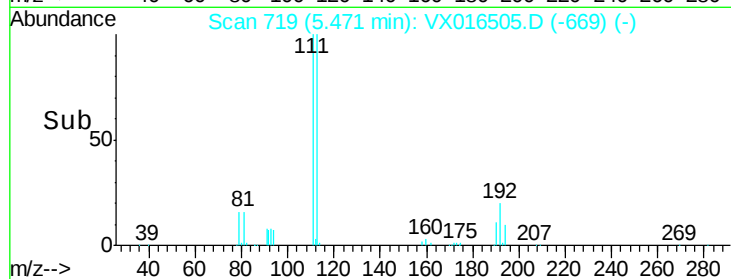
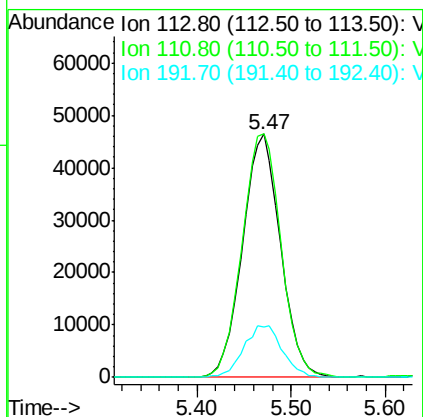
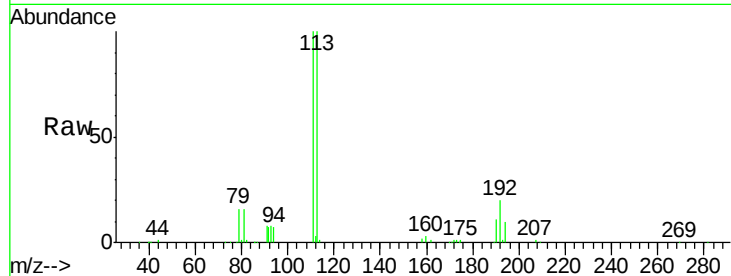




#35
 Dibromofluoromethane
 Concen: 46.42 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016505.D
 Acq: 29 May 2020 13:01

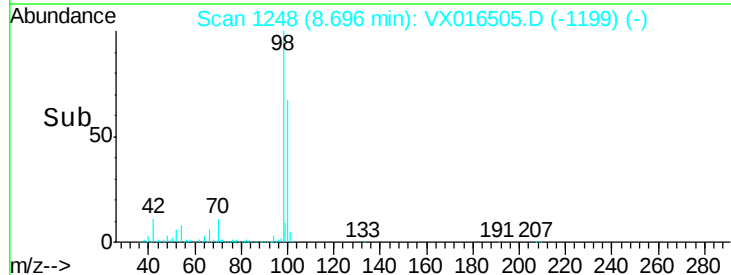
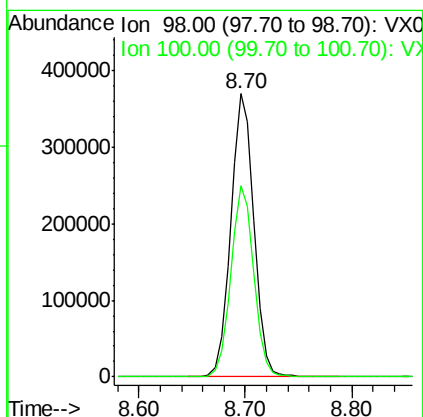
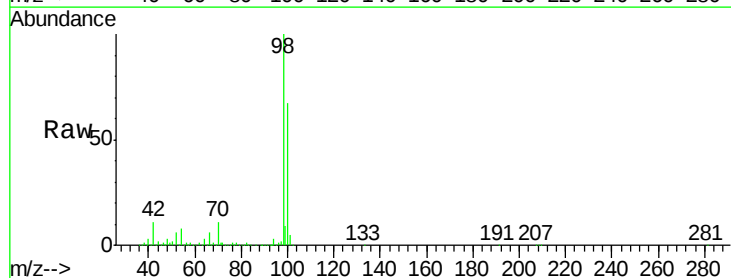
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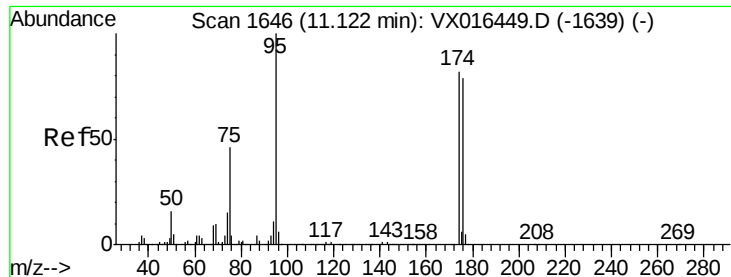
Tgt Ion:113 Resp: 130154
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 21.9 17.7 26.5



#50
 Toluene-d8
 Concen: 51.62 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016505.D
 Acq: 29 May 2020 13:01

Tgt Ion: 98 Resp: 563326
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 51.92 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

N48963

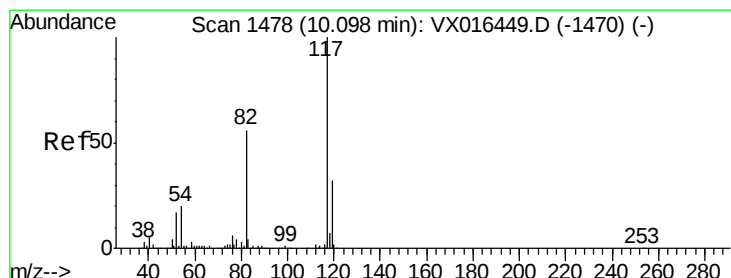
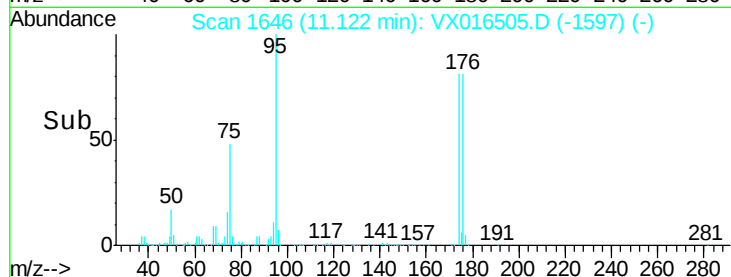
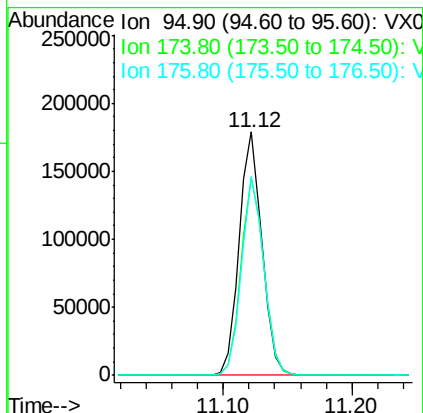
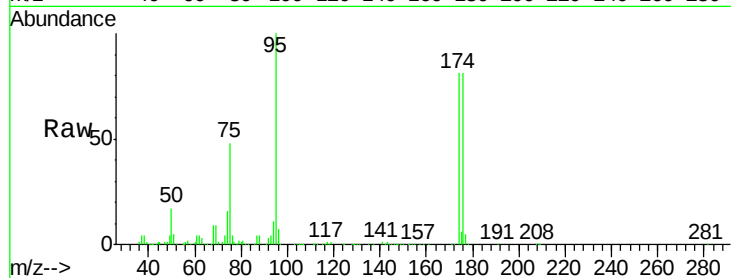
Tgt Ion: 95 Resp: 218913

Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.0

176 79.4 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

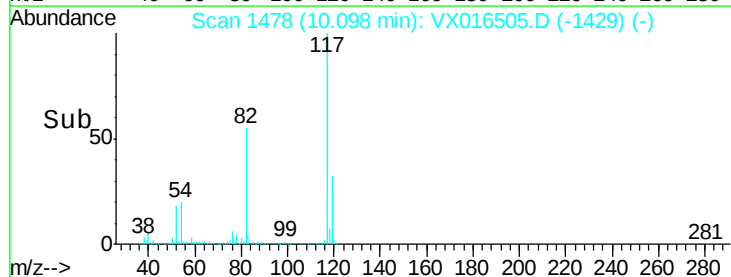
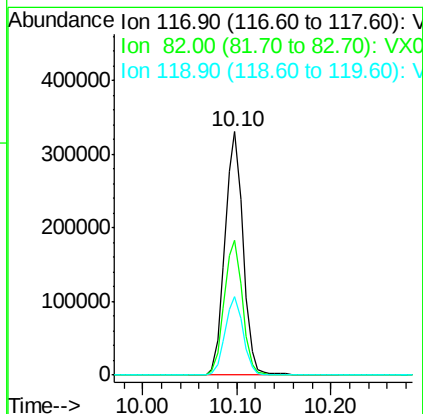
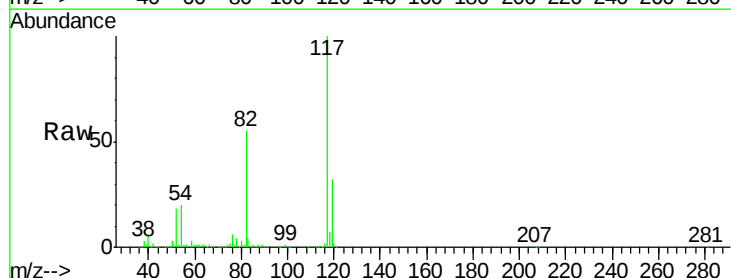
Tgt Ion: 117 Resp: 441679

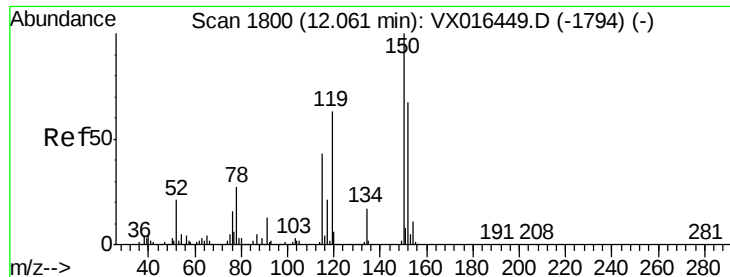
Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.6

119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

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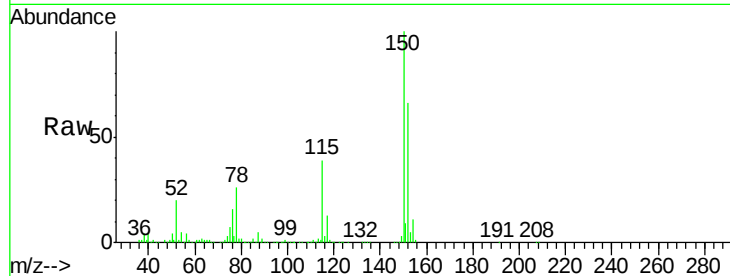
Tgt Ion:152 Resp: 218542

Ion Ratio Lower Upper

152 100

115 57.6 39.9 119.6

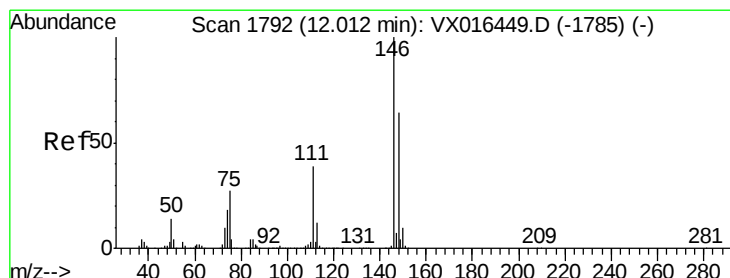
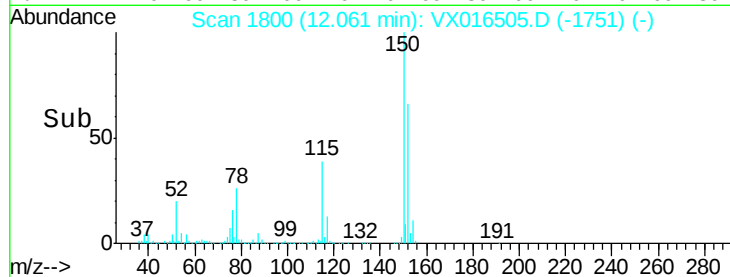
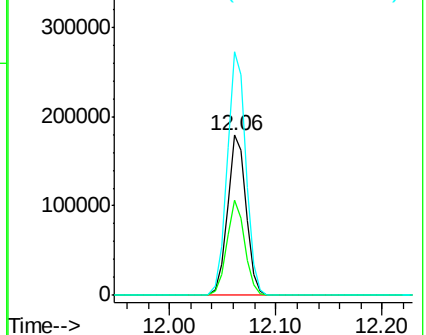
150 152.9 0.0 341.0



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



#87

1,3-Dichlorobenzene

Concen: 0.20 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

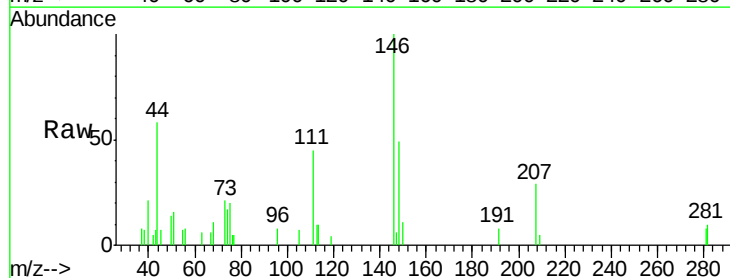
Tgt Ion:146 Resp: 1390

Ion Ratio Lower Upper

146 100

111 42.1 20.0 60.0

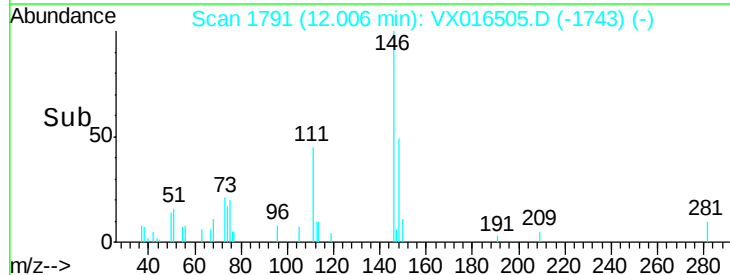
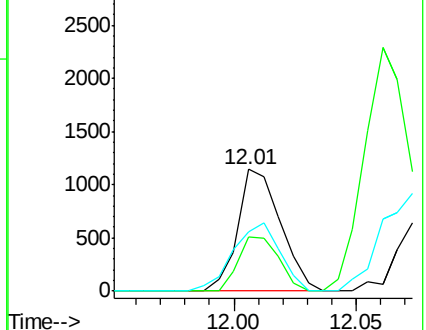
148 61.2 31.9 95.5

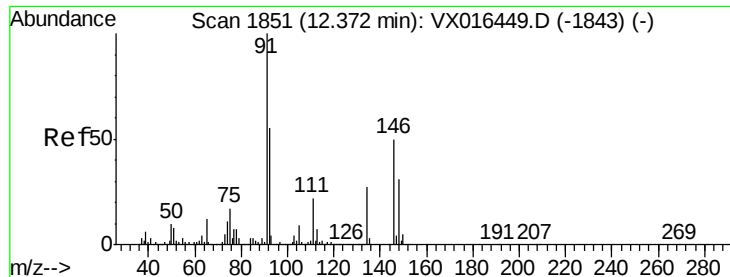


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.35 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

N48963

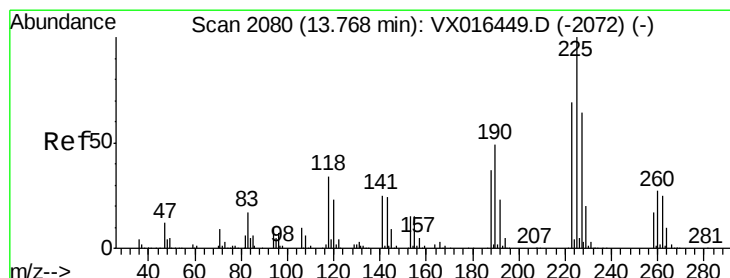
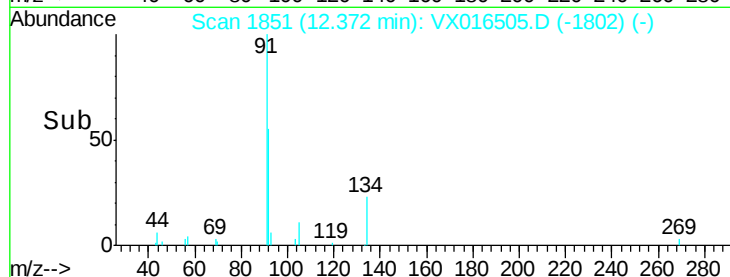
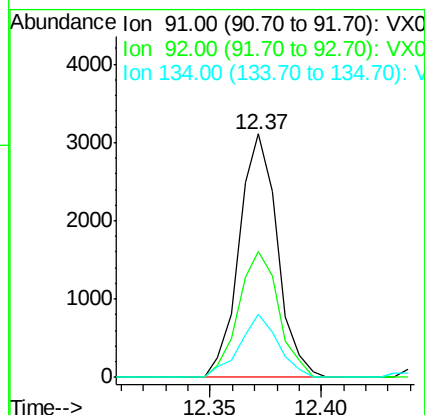
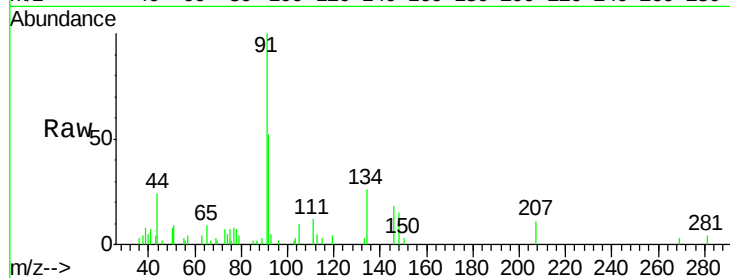
Tgt Ion: 91 Resp: 3723

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.5

134 26.2 13.1 39.3



#94

Hexachlorobutadiene

Concen: 0.79 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016505.D

Acq: 29 May 2020 13:01

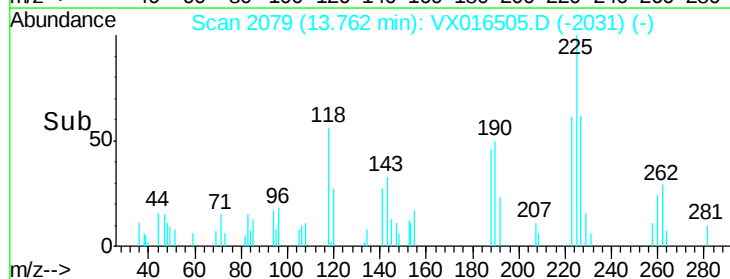
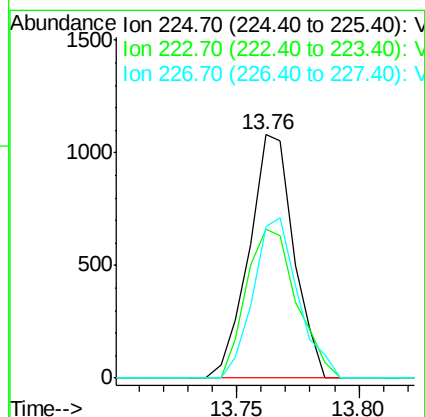
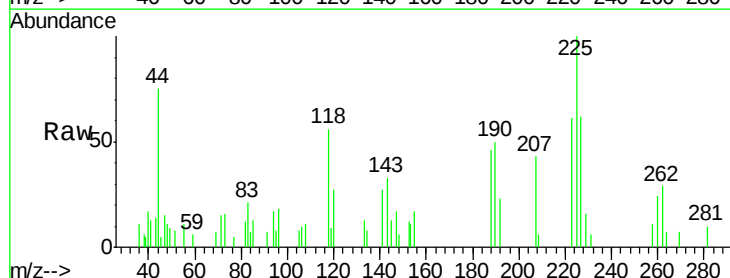
Tgt Ion: 225 Resp: 1379

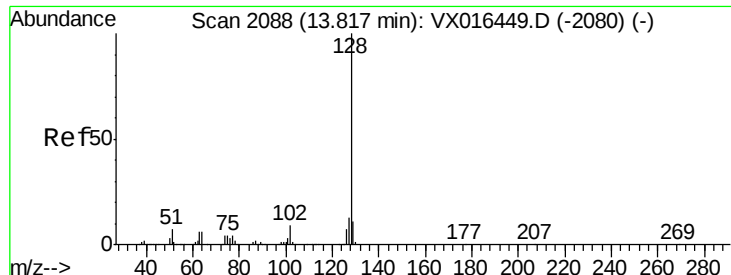
Ion Ratio Lower Upper

225 100

223 68.8 32.3 96.8

227 65.9 31.6 94.7





#95
Naphthalene
Concen: 0.36 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016505.D
Acq: 29 May 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
N48963

Tgt Ion:128 Resp: 5422
Ion Ratio Lower Upper
128 100
127 15.9 10.6 15.8#
129 13.8 8.6 13.0#

