

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052920\
 Data File : VX016510.D
 Acq On : 29 May 2020 14:54
 Operator : JC/SP
 Sample : L2797-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-HOLE-5-COMP

Quant Time: May 30 06:26:17 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	300218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	490242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239799	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178727	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.47	113	144931	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.70	98	602292	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.12	95	246110	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	

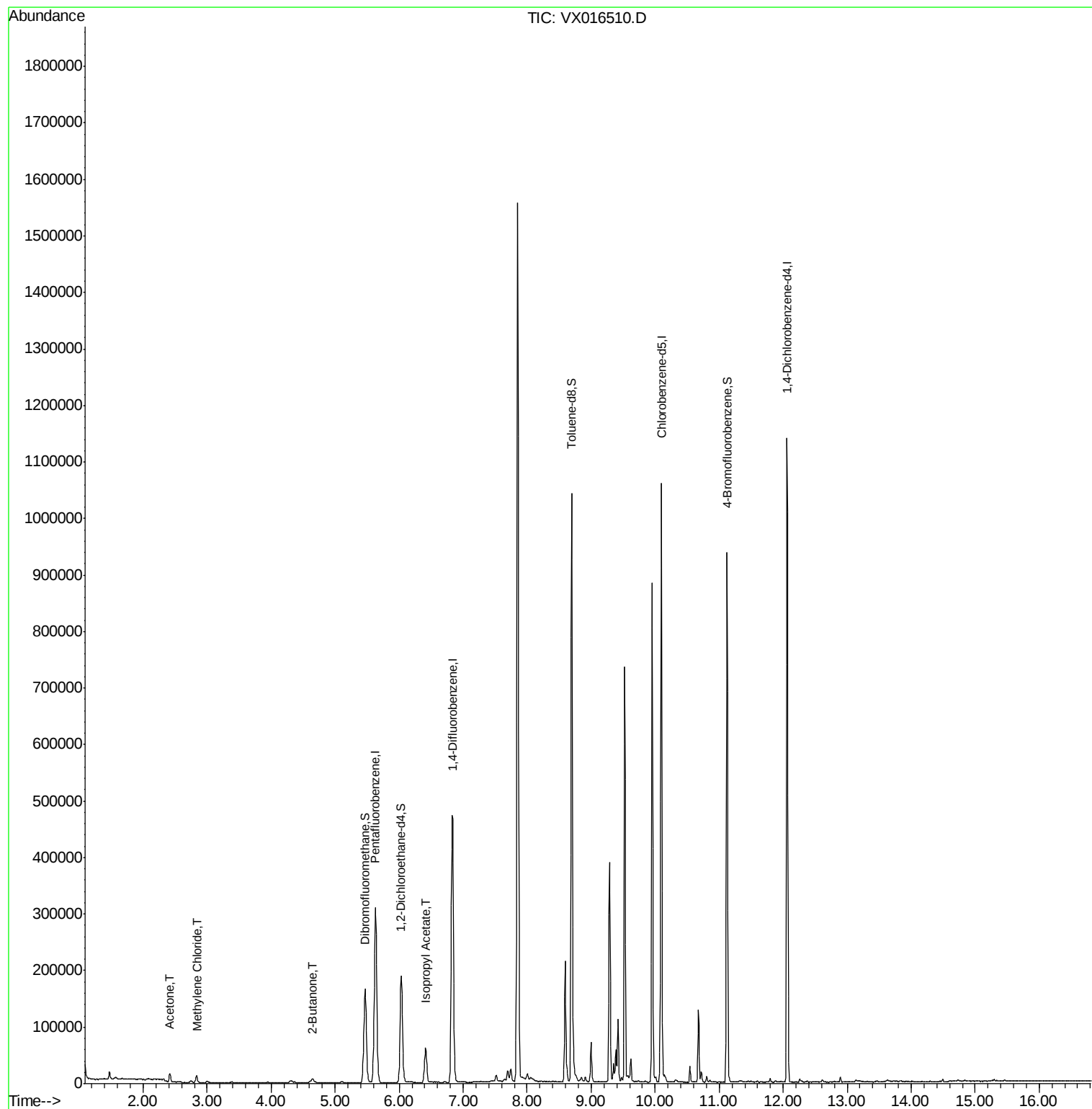
Target Compounds						Qvalue
16) Acetone	2.42	43	15457	9.46	ug/l	# 85
20) Methylene Chloride	2.84	84	5402	1.60	ug/l	97
25) 2-Butanone	4.64	43	11999	4.34	ug/l	97
43) Isopropyl Acetate	6.42	43	85333	9.82	ug/l	99

(#) = 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: VX016510.D

Acq: 29 May 2020 14:54

Instrument :

MSVOA_X

ClientSampleId :

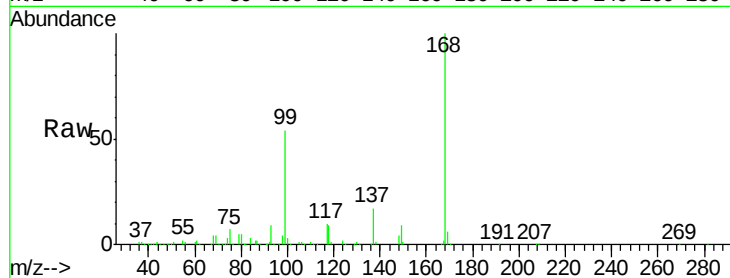
TEST-HOLE-5-COMP

Tgt Ion:168 Resp: 300218

Ion Ratio Lower Upper

168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

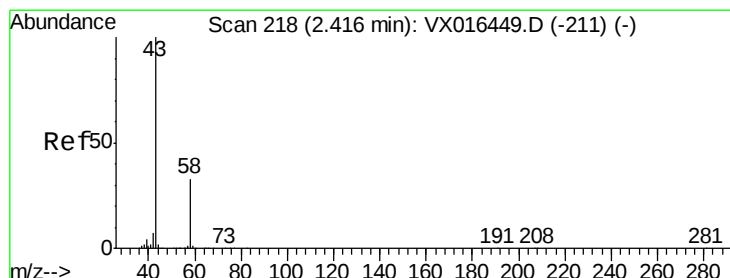
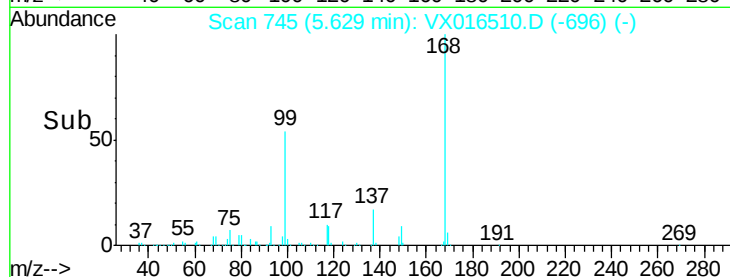
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.46 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016510.D

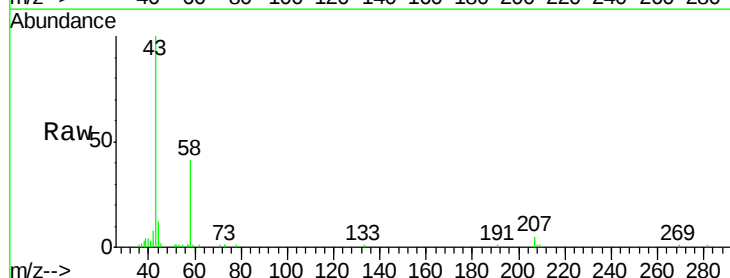
Acq: 29 May 2020 14:54

Tgt Ion: 43 Resp: 15457

Ion Ratio Lower Upper

43 100

58 41.1 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

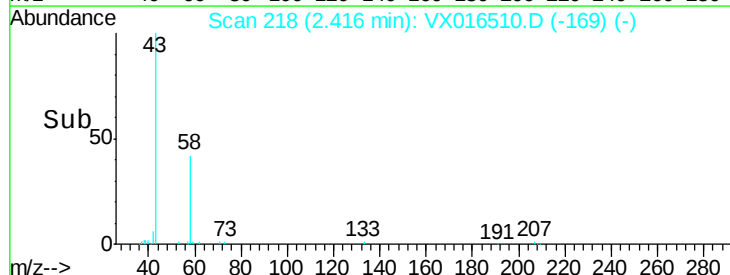
6000

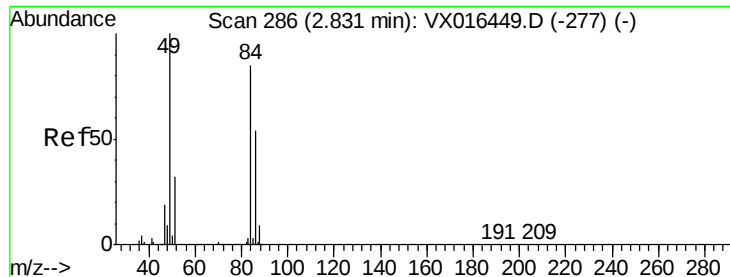
4000

2000

0

Time-->

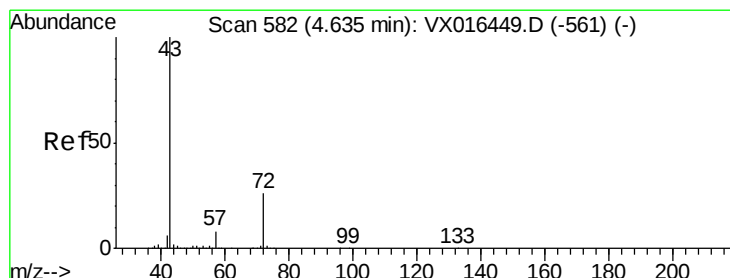
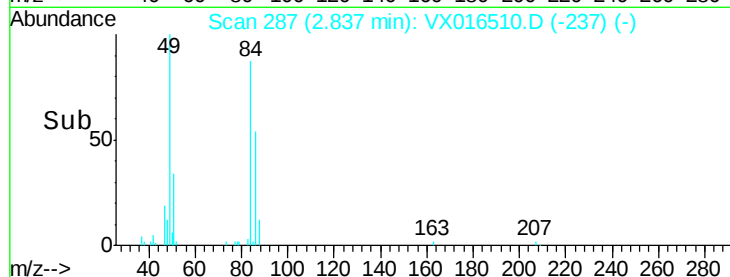
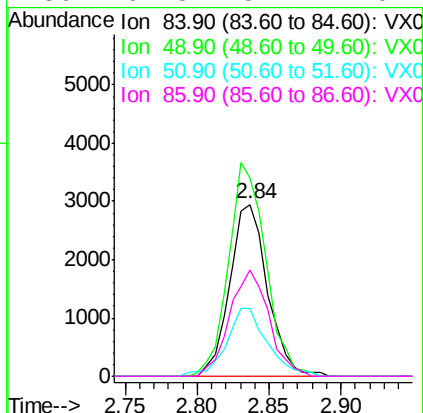
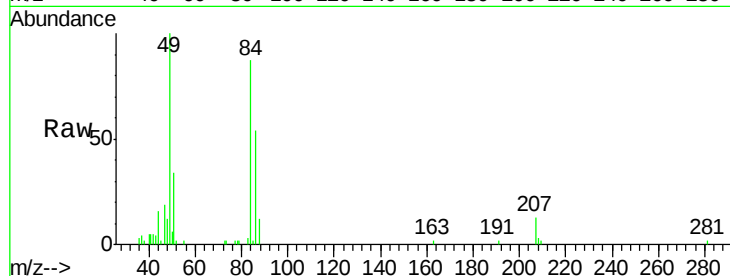




#20
Methylene Chloride
Concen: 1.60 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016510.D
Acq: 29 May 2020 14:54

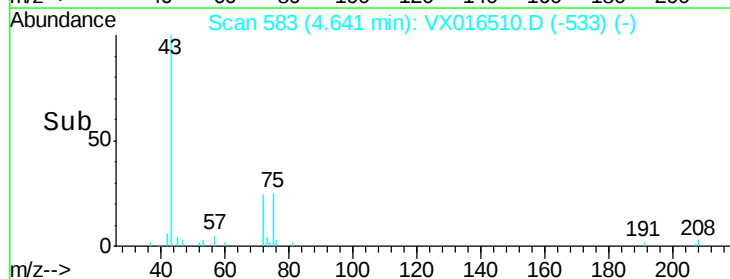
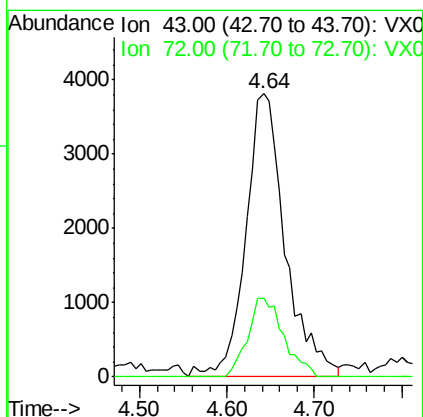
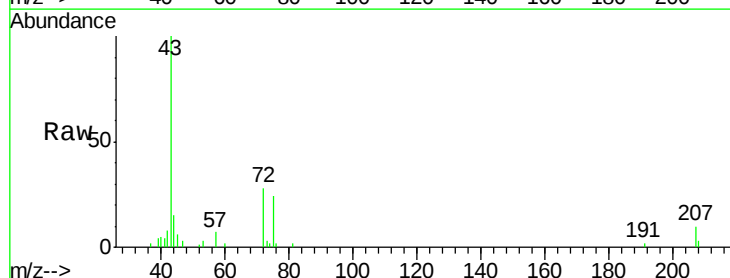
Instrument :
MSVOA_X
ClientSampleId :
TEST-HOLE-5-COMP

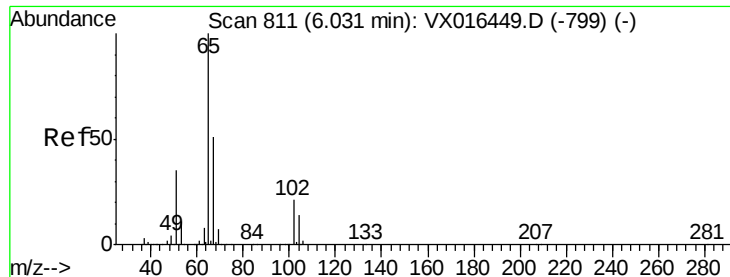
Tgt Ion: 84 Resp: 5402
Ion Ratio Lower Upper
84 100
49 115.5 94.5 141.7
51 39.7 30.2 45.4
86 61.8 51.1 76.7



#25
2-Butanone
Concen: 4.34 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016510.D
Acq: 29 May 2020 14:54

Tgt Ion: 43 Resp: 11999
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 47.94 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016510.D

Acq: 29 May 2020 14:54

Instrument :

MSVOA_X

ClientSampleId :

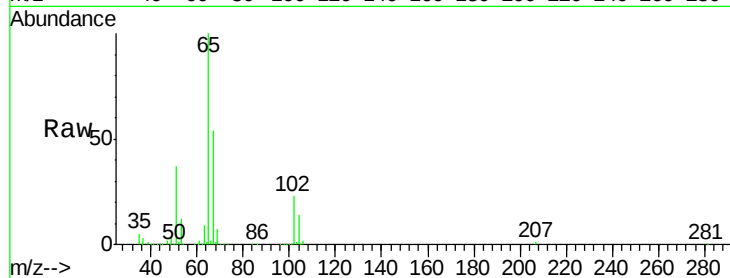
TEST-HOLE-5-COMP

Tgt Ion: 65 Resp: 178727

Ion Ratio Lower Upper

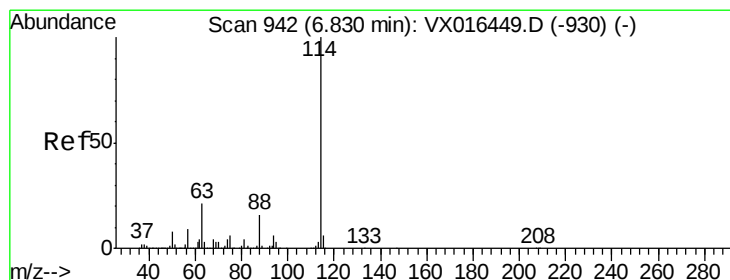
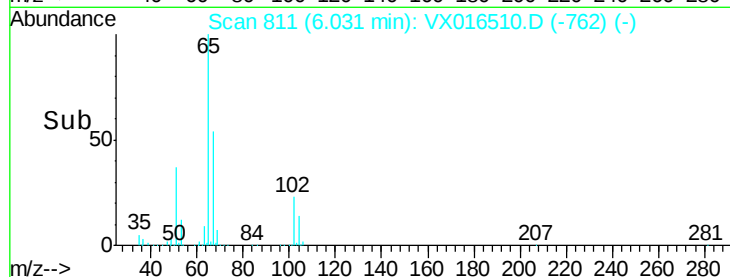
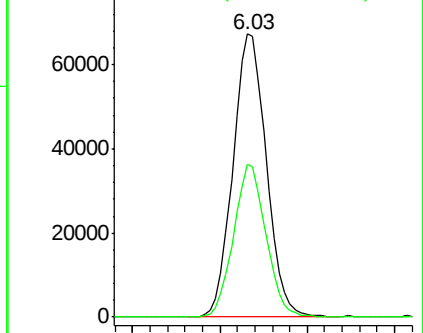
65 100

67 52.4 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: VX016510.D

Acq: 29 May 2020 14:54

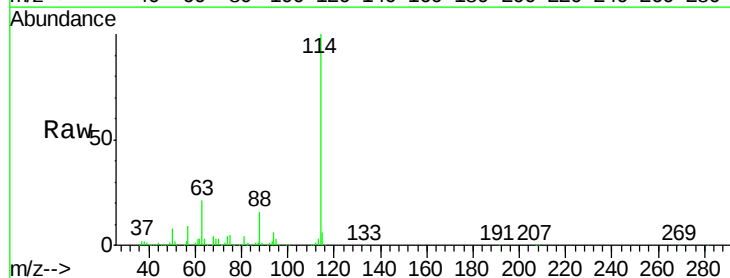
Tgt Ion: 114 Resp: 490242

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

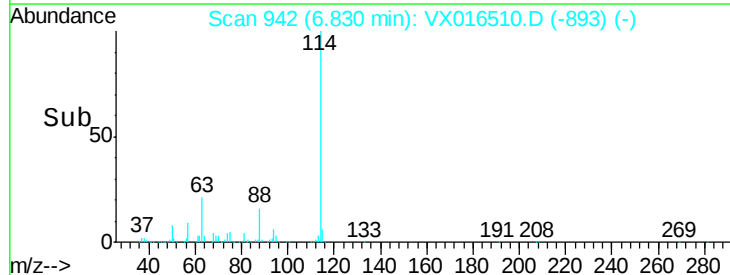
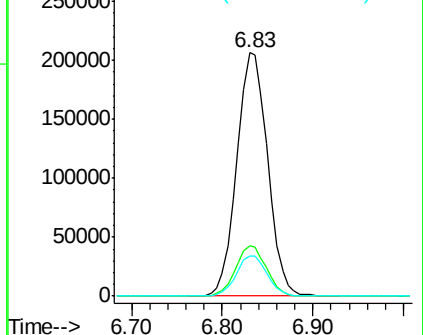
88 16.4 0.0 32.8

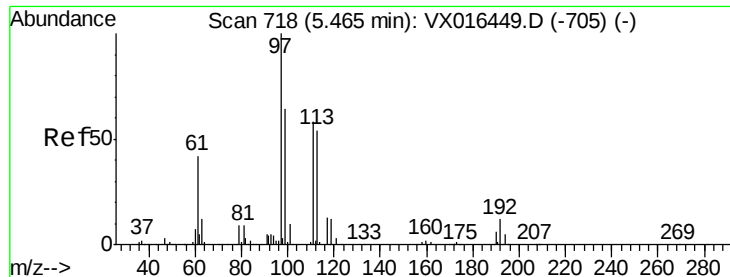


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.01 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016510.D

Acq: 29 May 2020 14:54

Instrument :

MSVOA_X

ClientSampleId :

TEST-HOLE-5-COMP

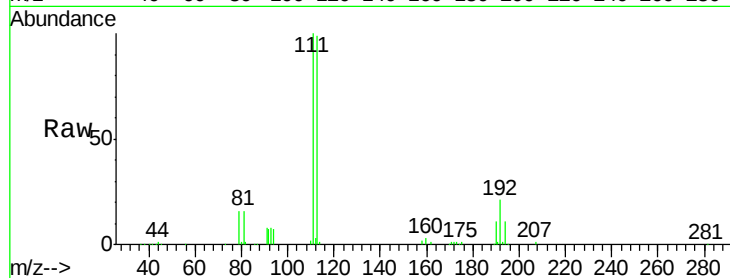
Tgt Ion:113 Resp: 144931

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

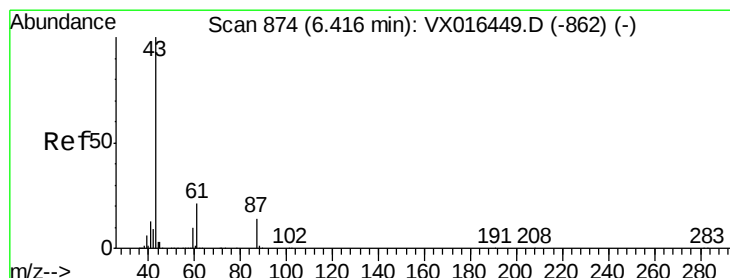
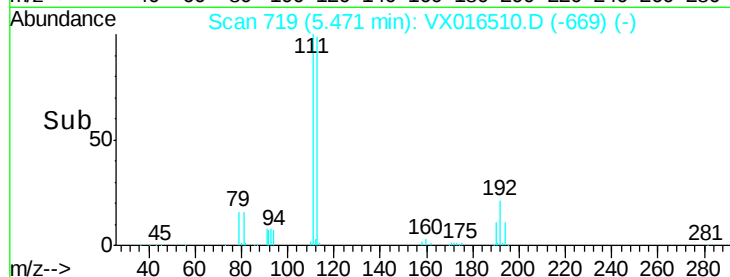
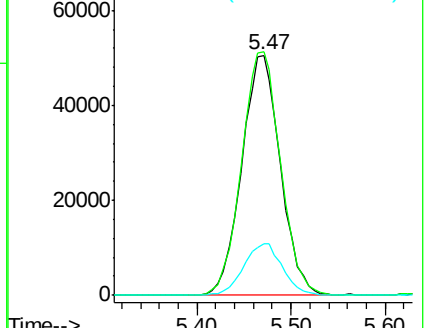
192 21.9 17.7 26.5



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



#43

Isopropyl Acetate

Concen: 9.82 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016510.D

Acq: 29 May 2020 14:54

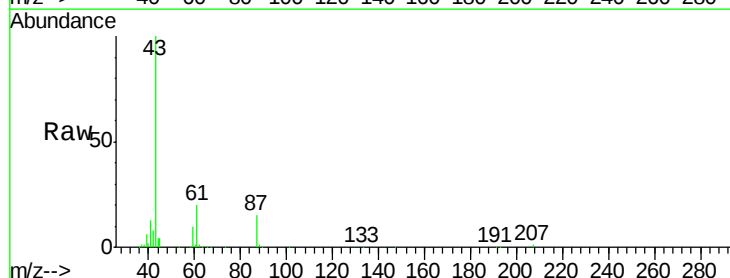
Tgt Ion: 43 Resp: 85333

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

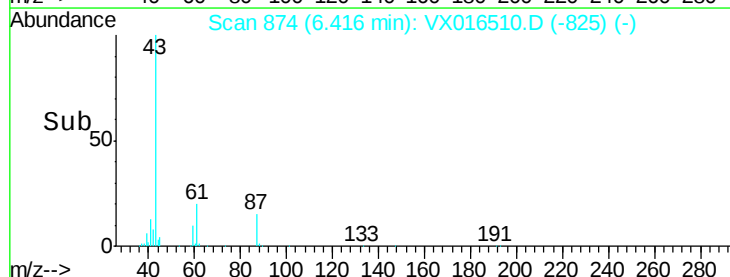
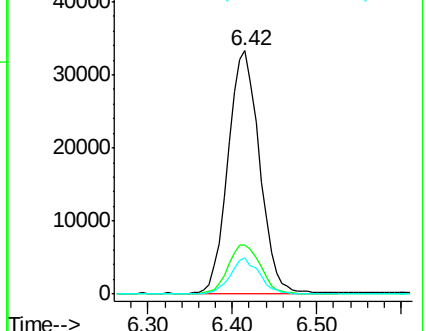
87 13.6 11.2 16.8

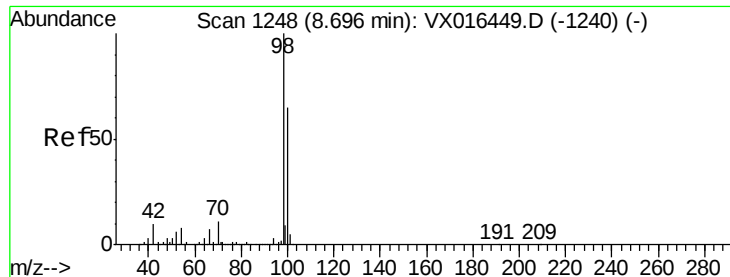


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.26 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016510.D

Acq: 29 May 2020 14:54

Instrument :

MSVOA_X

ClientSampleId :

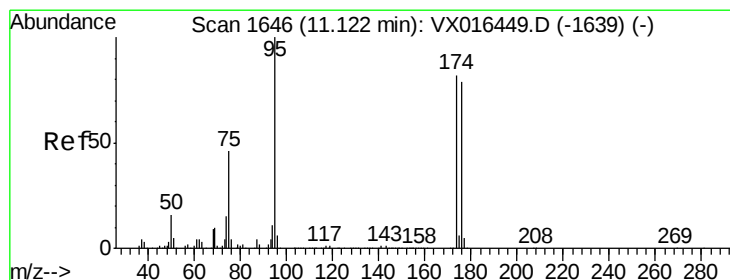
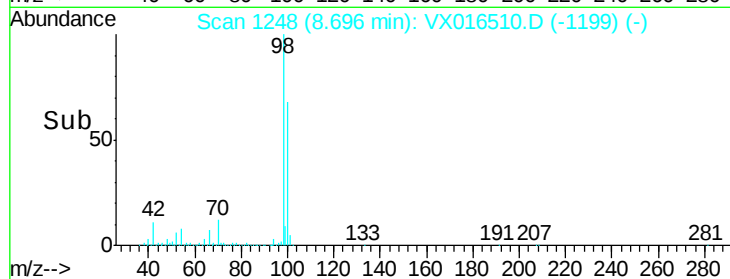
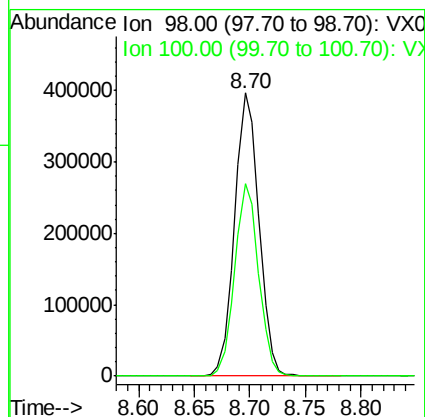
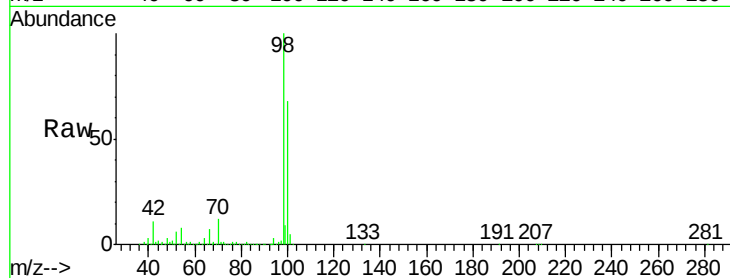
TEST-HOLE-5-COMP

Tgt Ion: 98 Resp: 602292

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.21 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016510.D

Acq: 29 May 2020 14:54

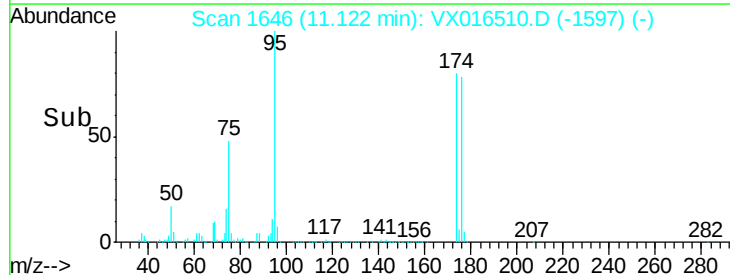
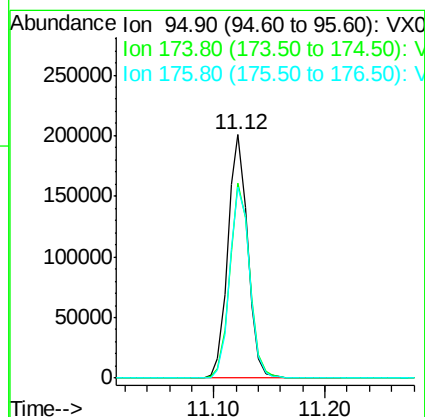
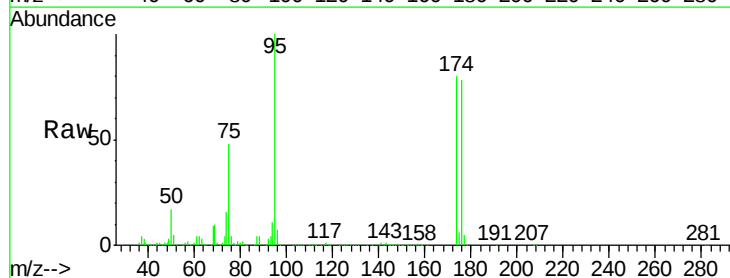
Tgt Ion: 95 Resp: 246110

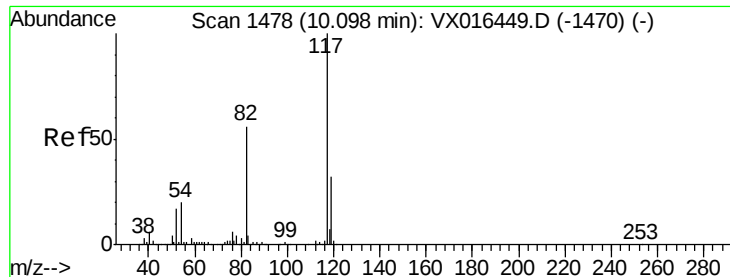
Ion Ratio Lower Upper

95 100

174 80.4 0.0 163.0

176 79.0 0.0 156.8

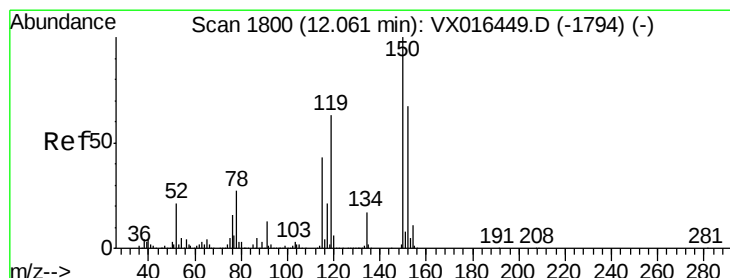
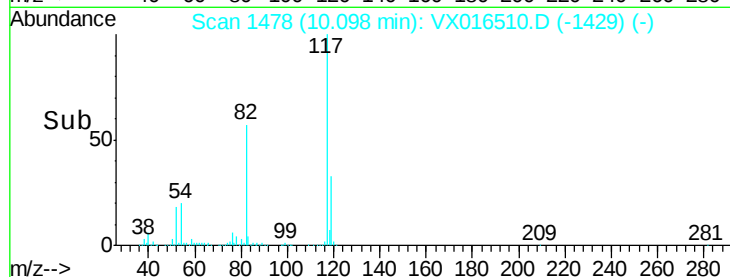
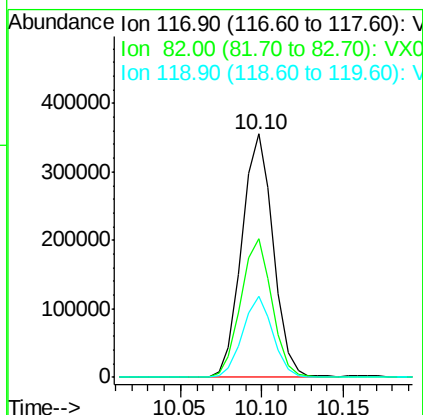
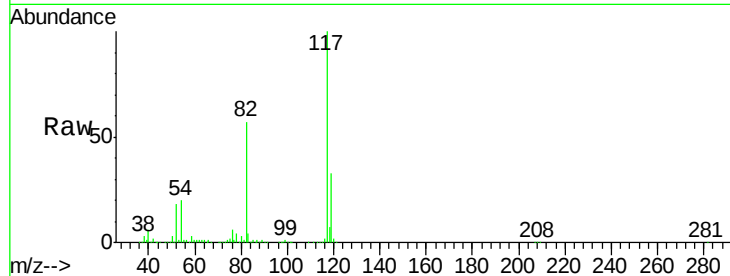




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016510.D
Acq: 29 May 2020 14:54

Instrument :
MSVOA_X
ClientSampleId :
TEST-HOLE-5-COMP

Tgt Ion:117 Resp: 478302
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 33.5 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: VX016510.D
Acq: 29 May 2020 14:54

Tgt Ion:152 Resp: 239799
Ion Ratio Lower Upper
152 100
115 58.4 39.9 119.6
150 157.0 0.0 341.0

