

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016635.D
 Acq On : 08 Jun 2020 13:58
 Operator : JC/SP
 Sample : L2926-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604

Quant Time: Jun 09 06:50:48 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

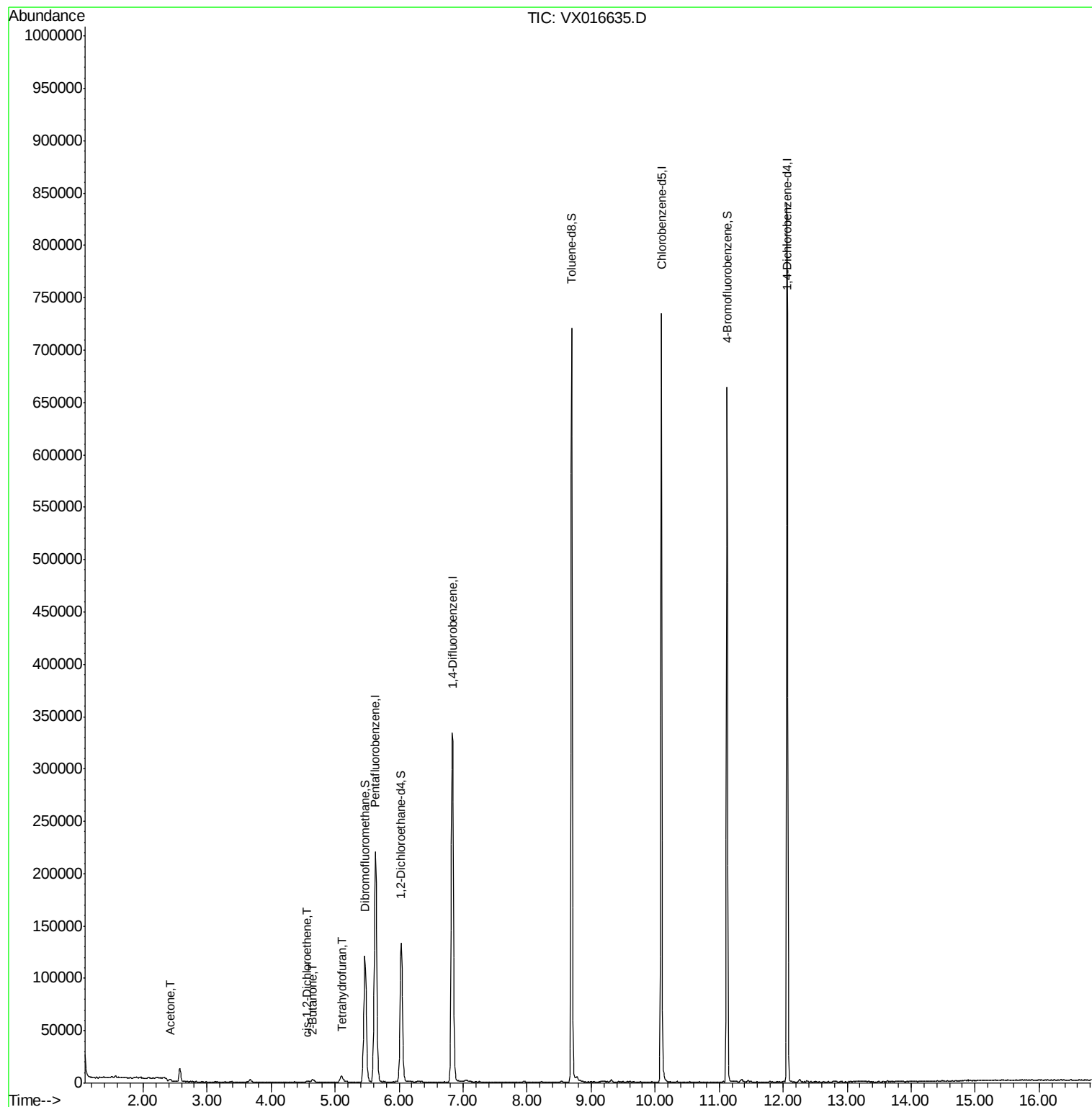
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	218899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	351529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	130217	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.46	113	104457	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.70	98	428435	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	171492	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
16) Acetone	2.42	43	2327	1.954	ug/l	90
25) 2-Butanone	4.64	43	2392	1.185	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	706	0.262	ug/l	64
29) Tetrahydrofuran	5.10	42	5535	4.245	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

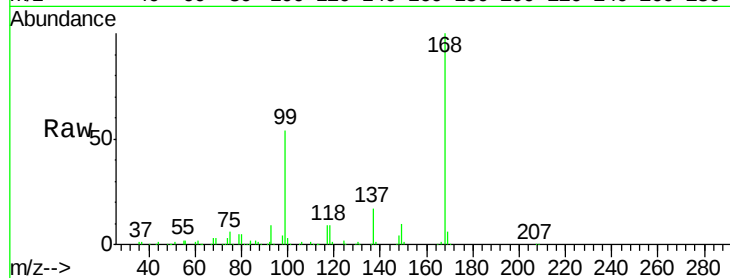
SA-PZ134I-20200604

Tot Ion:168 Resp: 218899

Ion Ratio Lower Upper

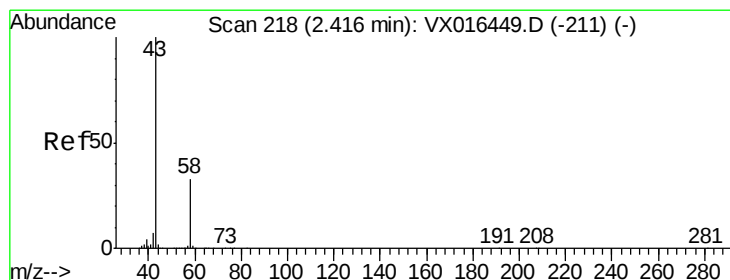
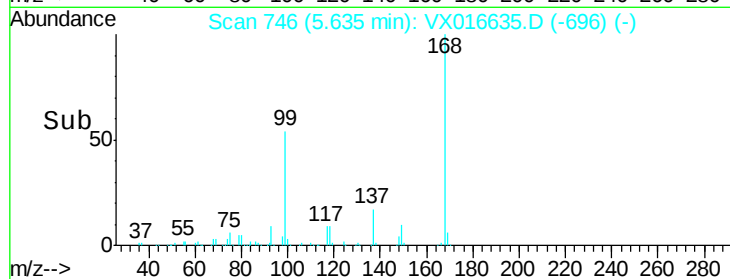
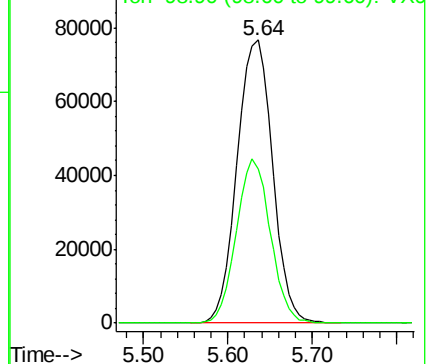
168 100

99 54.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.954 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016635.D

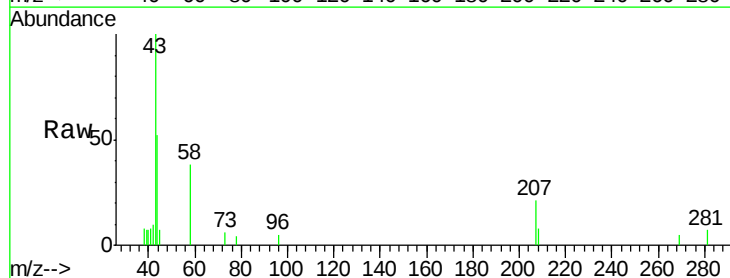
Acq: 08 Jun 2020 13:58

Tgt Ion: 43 Resp: 2327

Ion Ratio Lower Upper

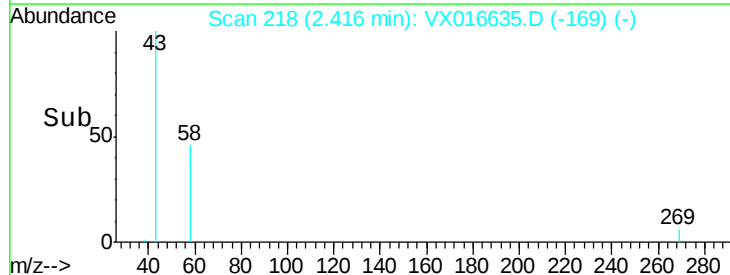
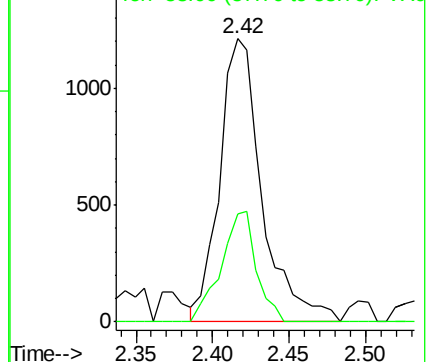
43 100

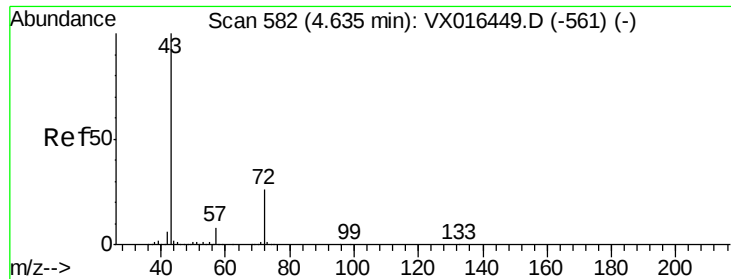
58 38.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.185 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

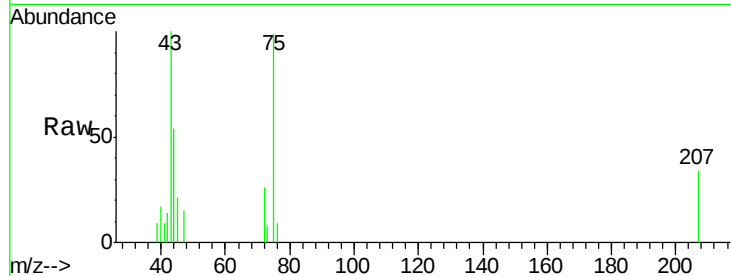
SA-PZ134I-20200604

Tot Ion: 43 Resp: 2392

Ion Ratio Lower Upper

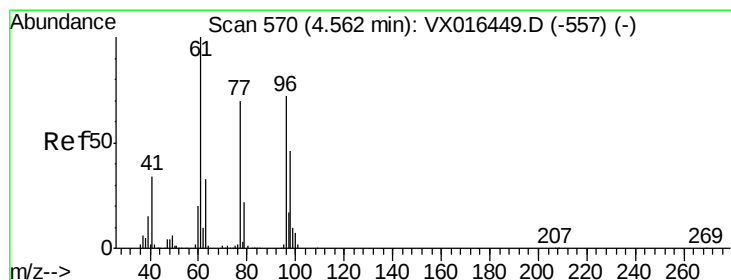
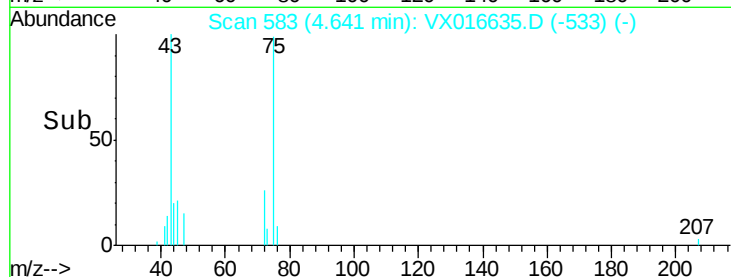
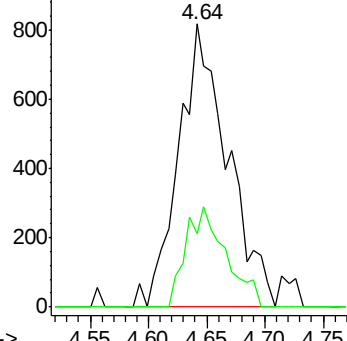
43 100

72 25.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.262 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

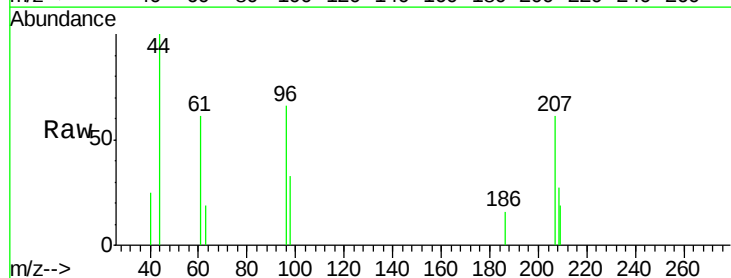
Tgt Ion: 96 Resp: 706

Ion Ratio Lower Upper

96 100

61 92.2 0.0 284.6

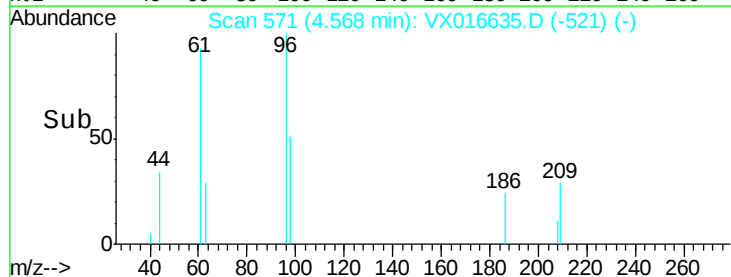
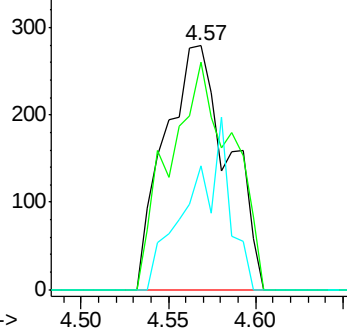
98 43.5 0.0 127.2

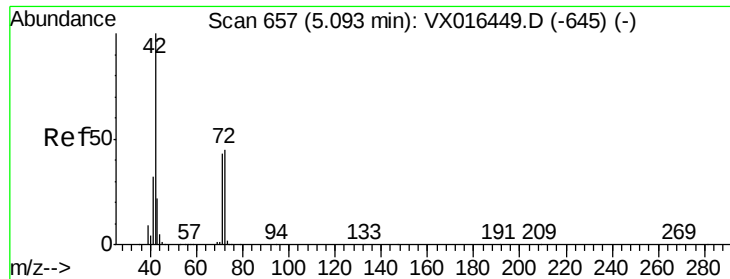


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 4.245 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604

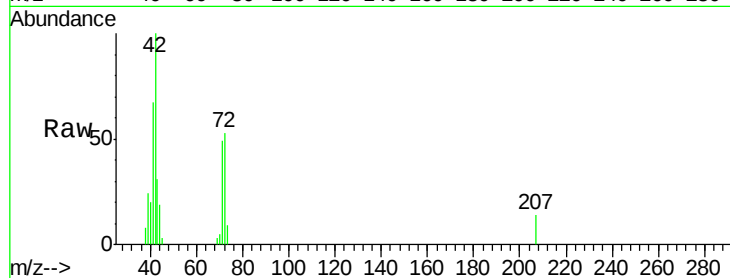
Tot Ion: 42 Resp: 5535

Ion Ratio Lower Upper

42 100

72 50.3 37.0 55.4

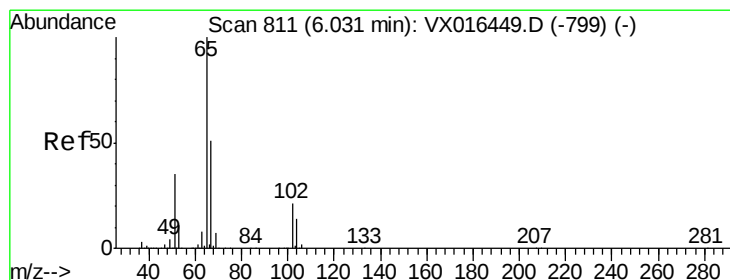
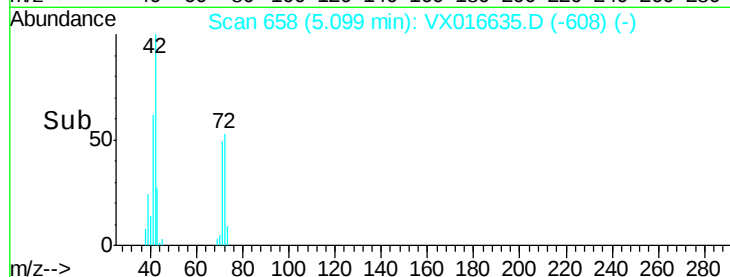
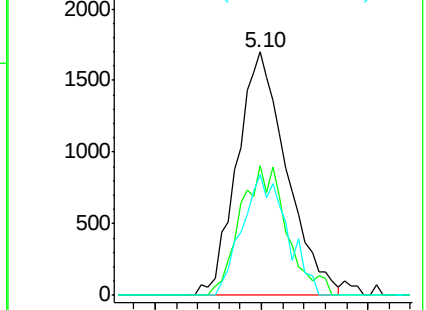
71 44.7 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.901 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016635.D

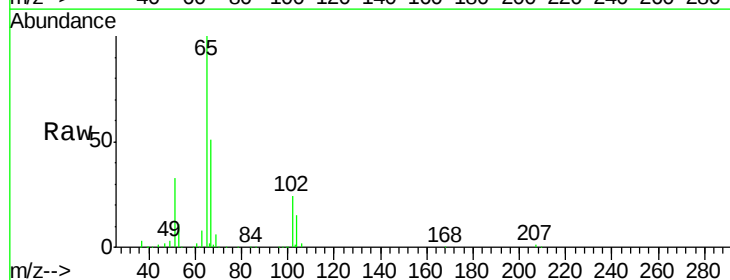
Acq: 08 Jun 2020 13:58

Tgt Ion: 65 Resp: 130217

Ion Ratio Lower Upper

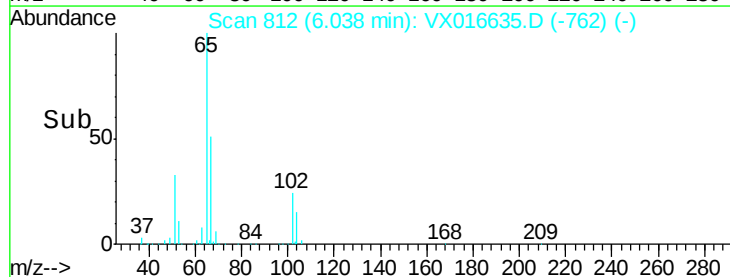
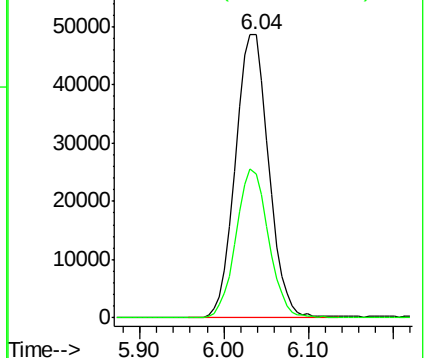
65 100

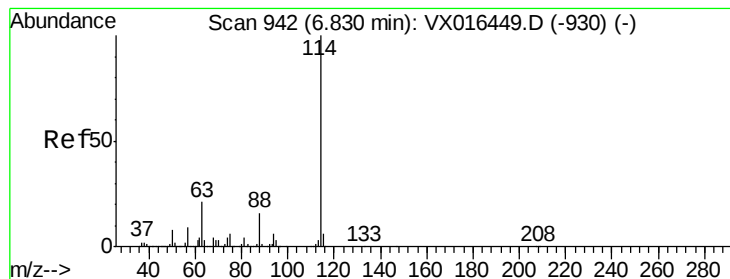
67 51.5 0.0 104.8



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: VX016635.D

Acq: 08 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604

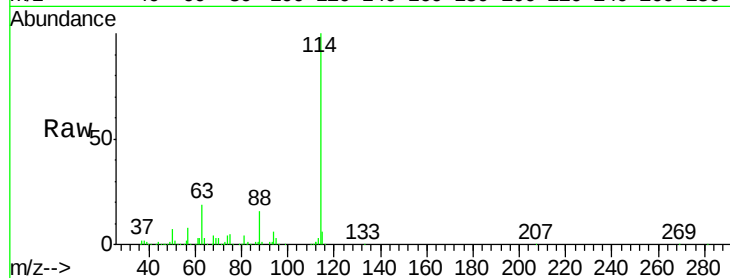
Tot Ion:114 Resp: 348965

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

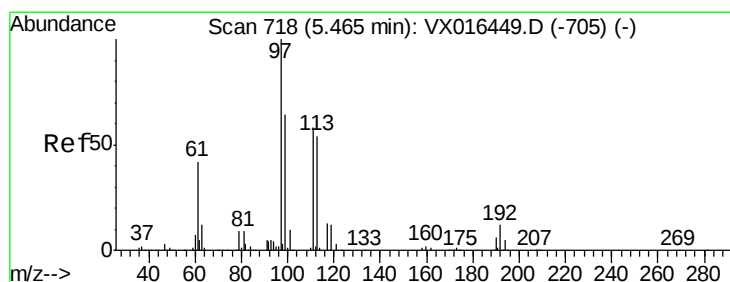
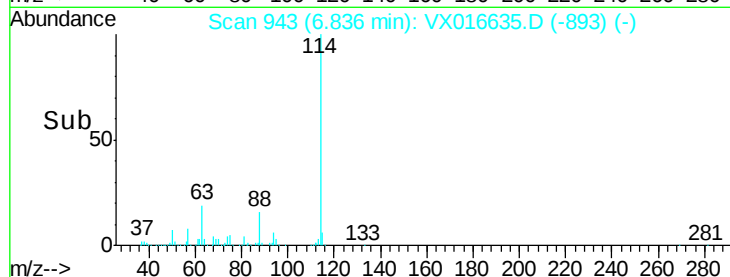
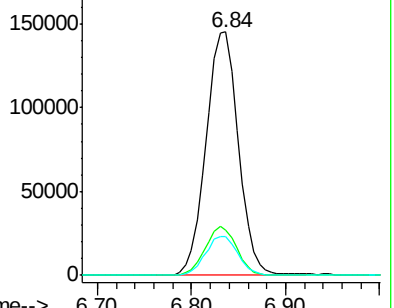
88 15.9 0.0 32.8



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: 48.613 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

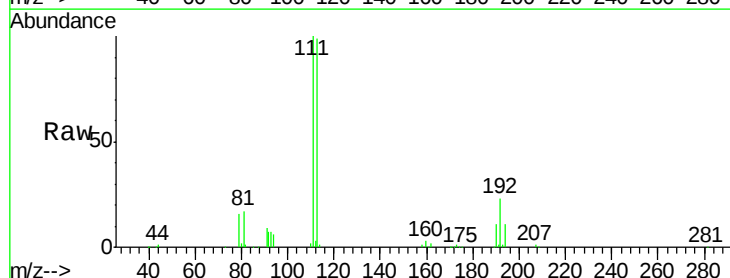
Tgt Ion:113 Resp: 104457

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

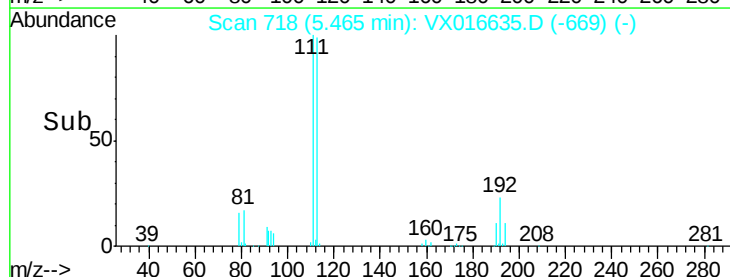
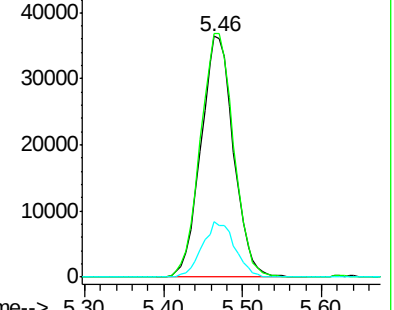
192 23.0 17.7 26.5

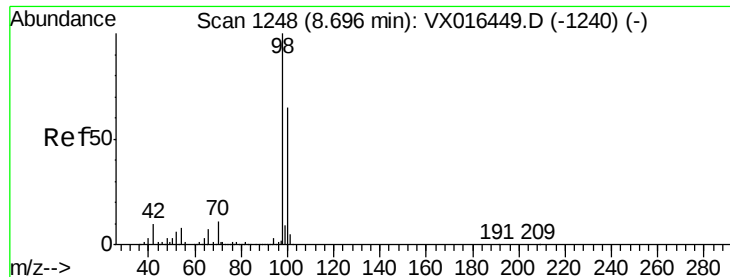


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.228 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

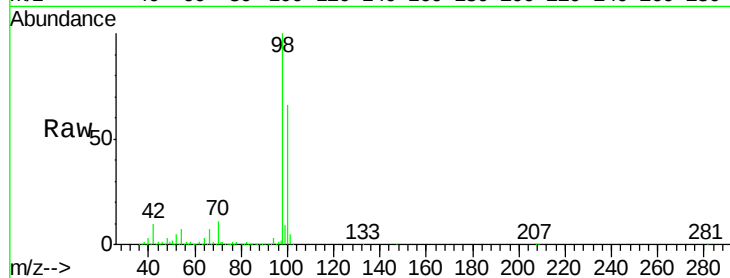
SA-PZ134I-20200604

Tot Ion: 98 Resp: 428435

Ion Ratio Lower Upper

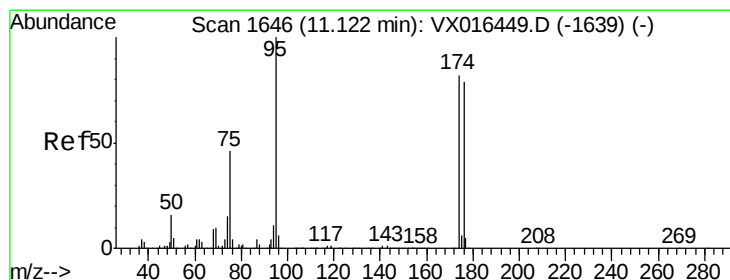
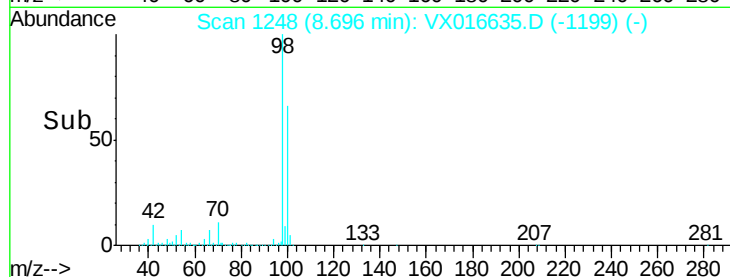
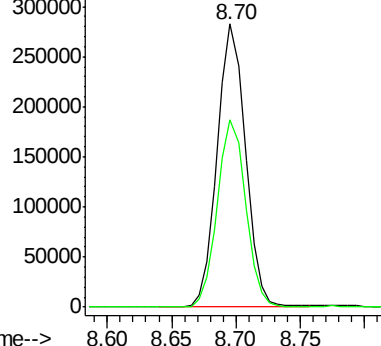
98 100

100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.068 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016635.D

Acq: 08 Jun 2020 13:58

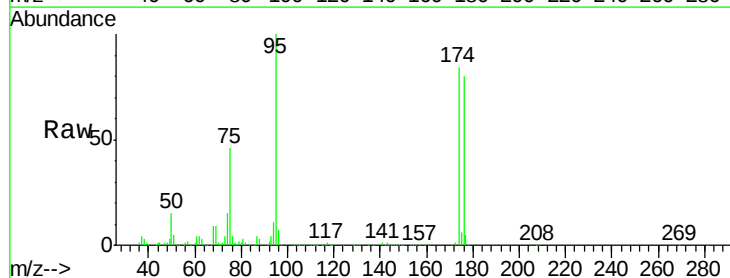
Tgt Ion: 95 Resp: 171492

Ion Ratio Lower Upper

95 100

174 87.1 0.0 163.0

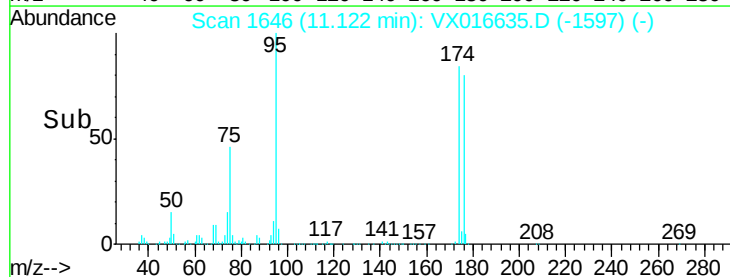
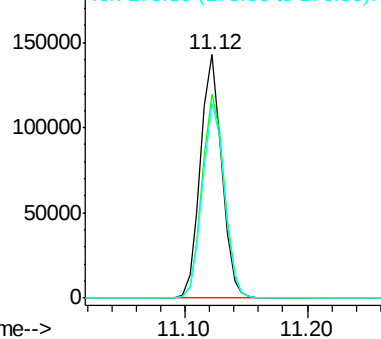
176 82.5 0.0 156.8

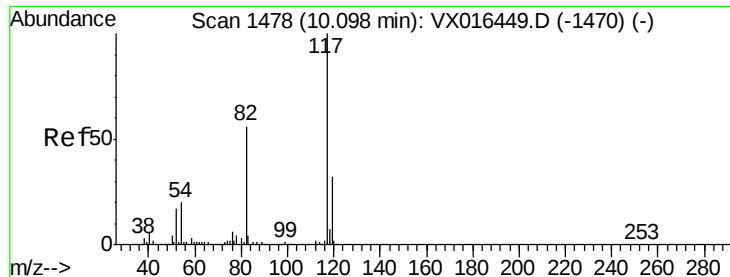


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

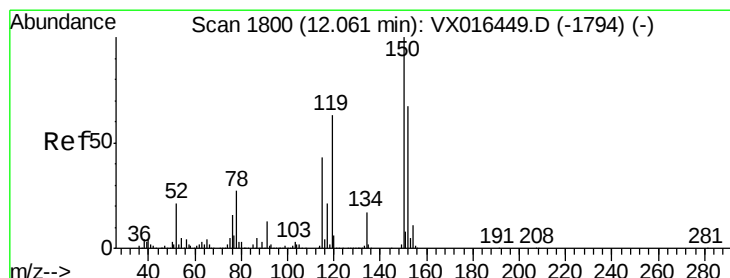
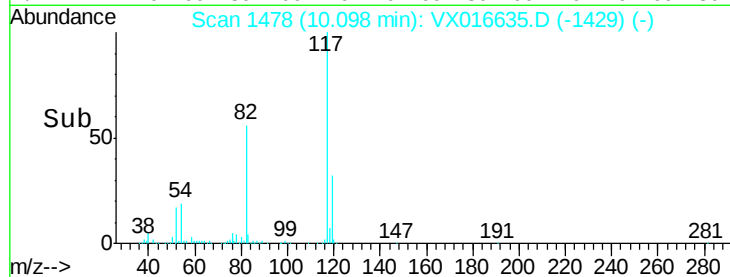
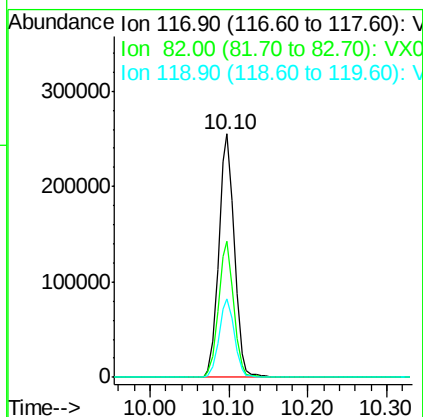
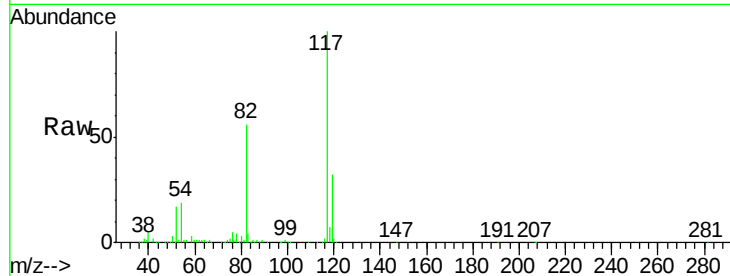




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016635.D
Acq: 08 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604

Tot Ion:117 Resp: 351529
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016635.D
Acq: 08 Jun 2020 13:58

Tgt Ion:152 Resp: 178607
Ion Ratio Lower Upper
152 100
115 57.0 39.9 119.6
150 156.2 0.0 341.0

