

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015899.D
 Acq On : 23 Apr 2020 18:32
 Operator : JC/SP
 Sample : L2403-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-ER-2020-1

Quant Time: Apr 24 07:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

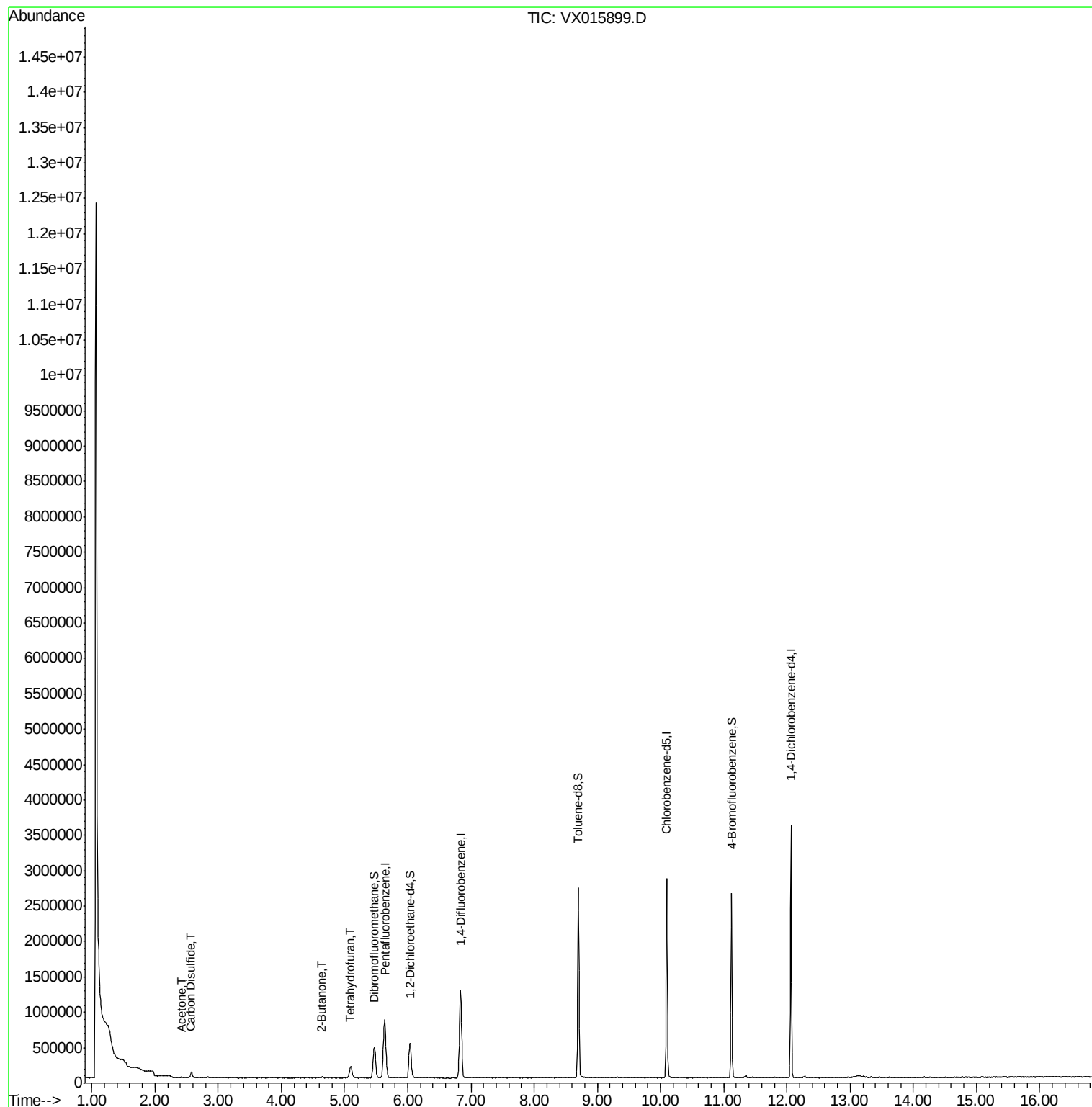
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	853060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1288087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1288322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	722048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	470306	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.47	113	366013	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.70	98	1585141	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.12	95	682405	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	9857	2.333	ug/l #	87
17) Carbon Disulfide	2.55	76	13170	0.485	ug/l #	94
25) 2-Butanone	4.64	43	27036	4.049	ug/l	93
29) Tetrahydrofuran	5.09	42	167464	37.916	ug/l	98

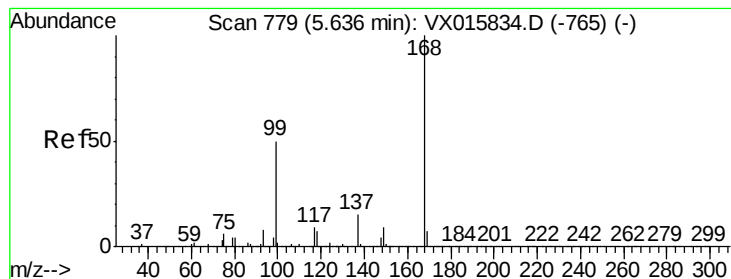
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

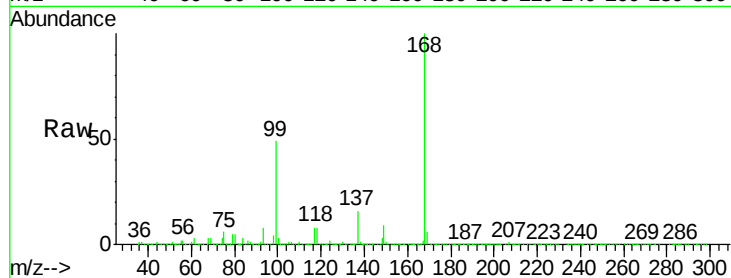
S73-ER-2020-1

Tot Ion:168 Resp: 853060

Ion Ratio Lower Upper

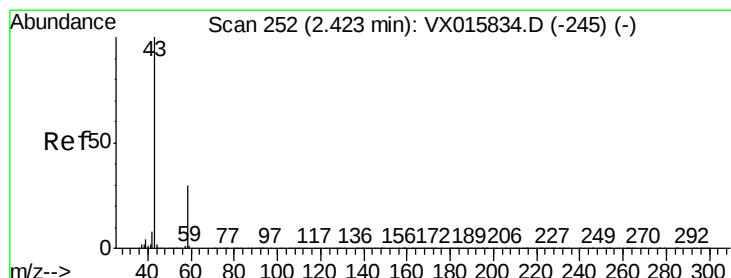
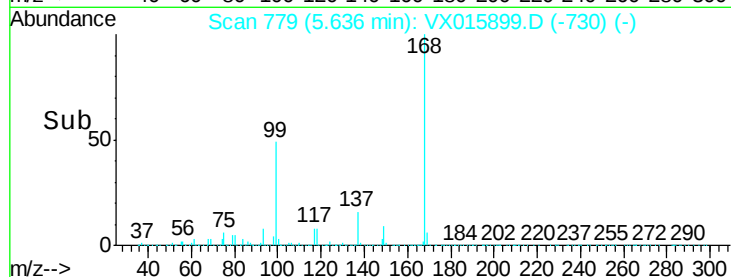
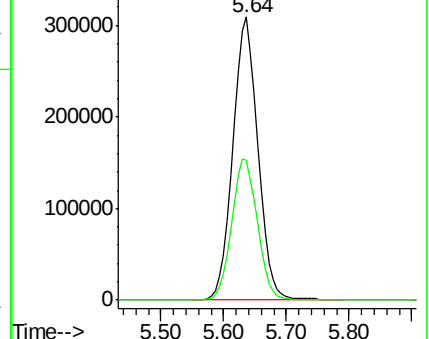
168 100

99 49.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.333 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015899.D

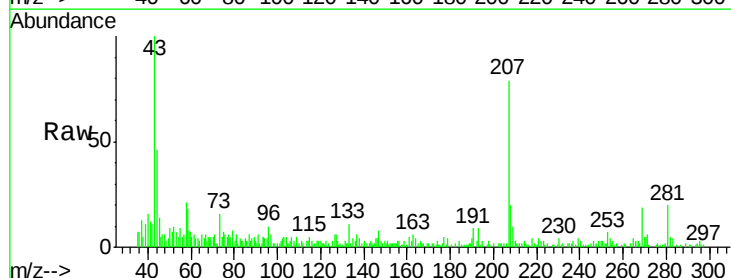
Acq: 23 Apr 2020 18:32

Tgt Ion: 43 Resp: 9857

Ion Ratio Lower Upper

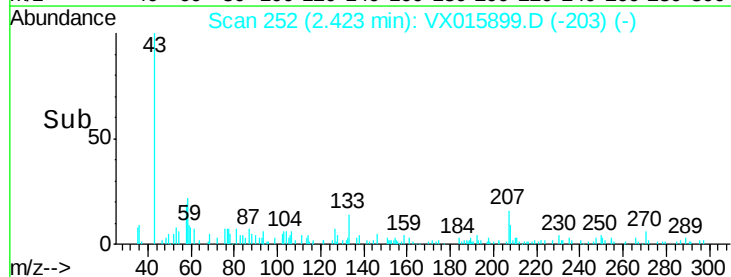
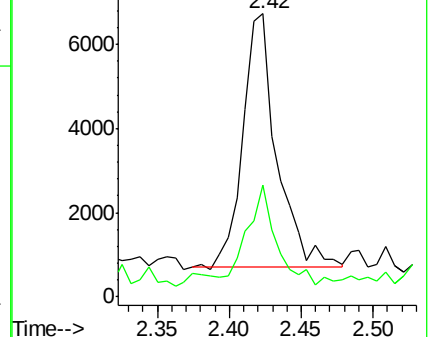
43 100

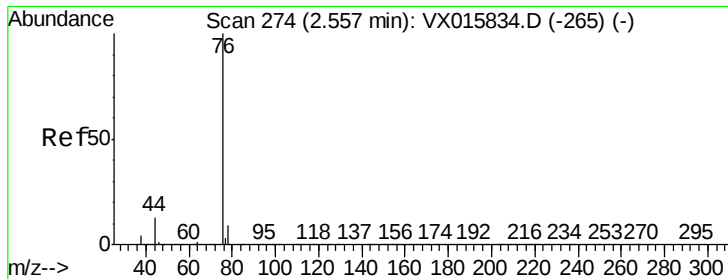
58 37.3 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.485 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

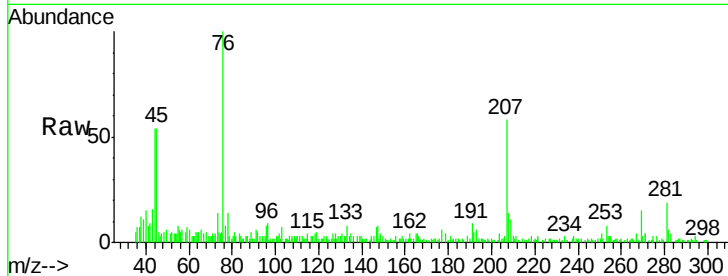
S73-ER-2020-1

Tot Ion: 76 Resp: 13170

Ion Ratio Lower Upper

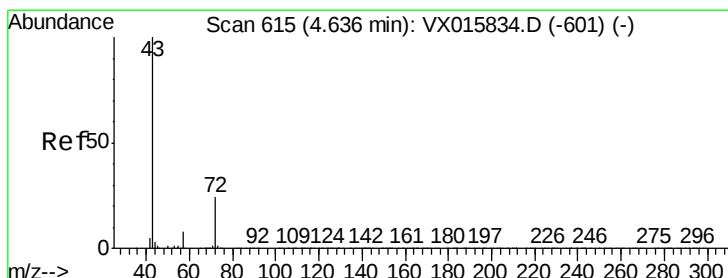
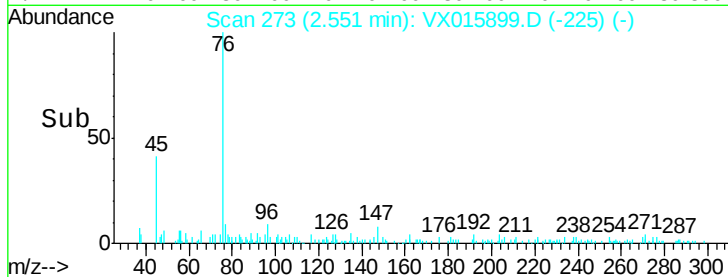
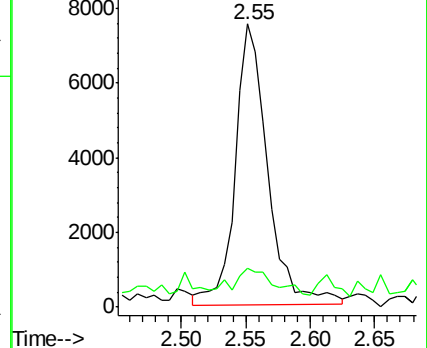
76 100

78 7.3 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 4.049 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015899.D

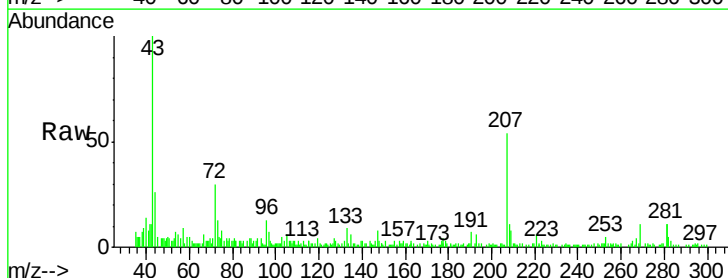
Acq: 23 Apr 2020 18:32

Tgt Ion: 43 Resp: 27036

Ion Ratio Lower Upper

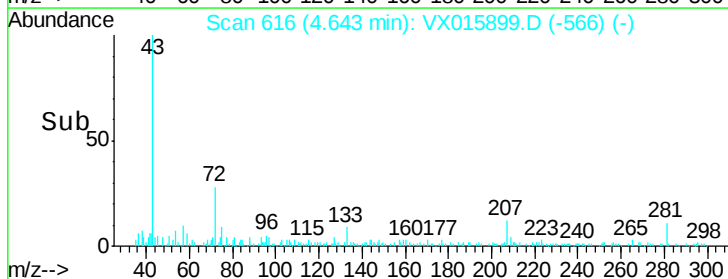
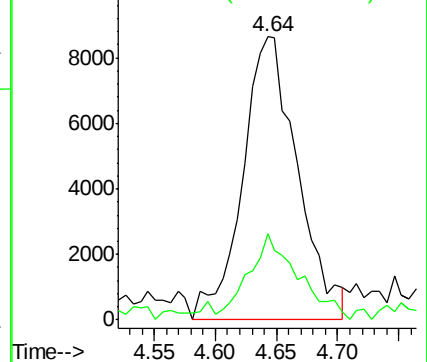
43 100

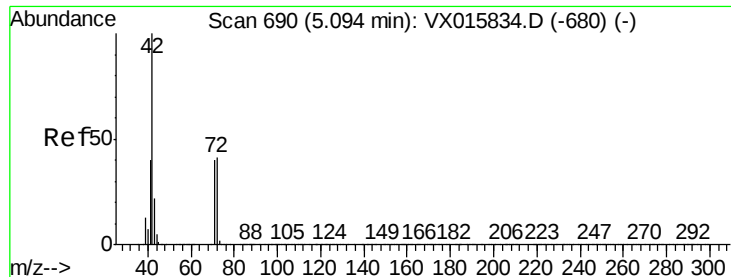
72 27.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 37.916 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

S73-ER-2020-1

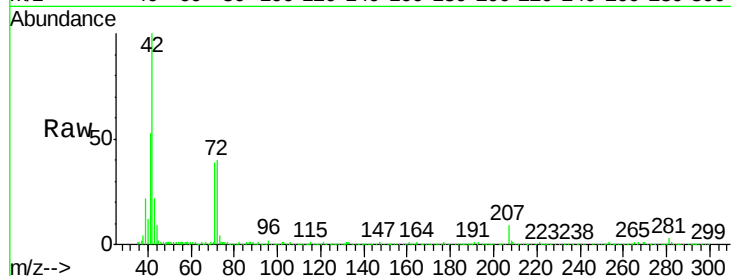
Tot Ion: 42 Resp: 167464

Ion Ratio Lower Upper

42 100

72 40.0 33.0 49.6

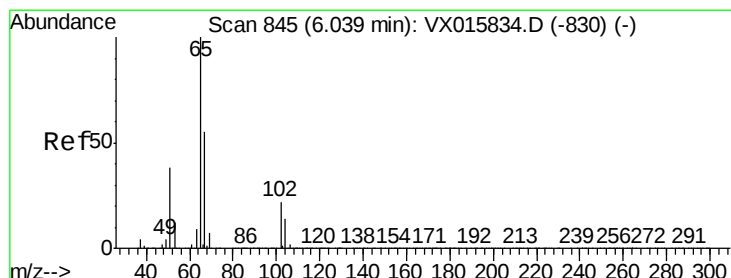
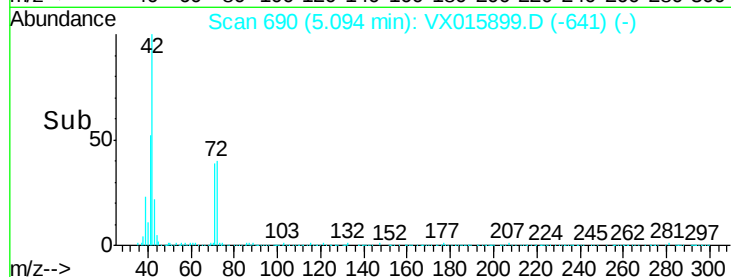
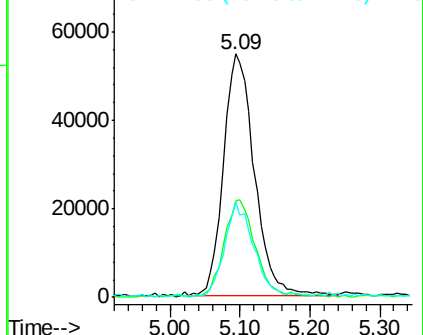
71 36.5 30.6 45.8



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: 48.474 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015899.D

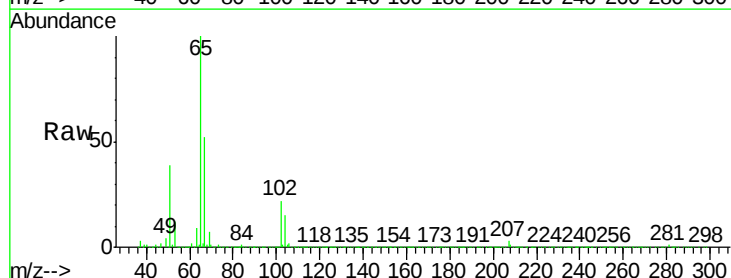
Acq: 23 Apr 2020 18:32

Tgt Ion: 65 Resp: 470306

Ion Ratio Lower Upper

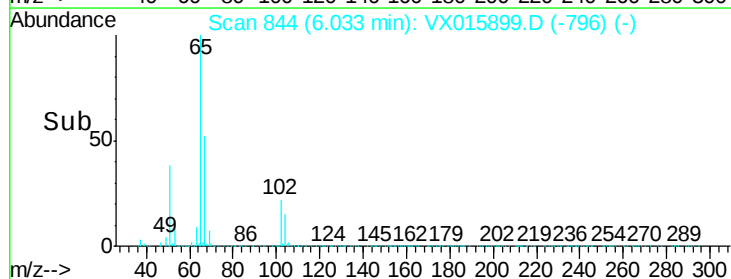
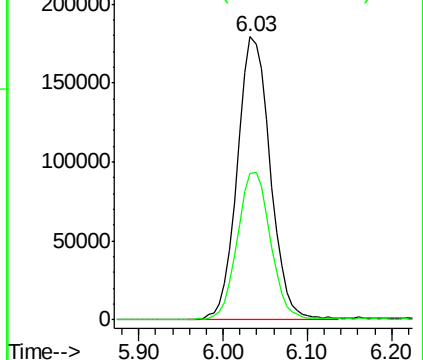
65 100

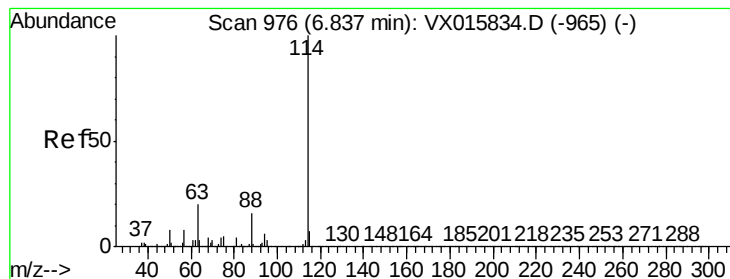
67 52.1 0.0 104.2



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# 976

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

S73-ER-2020-1

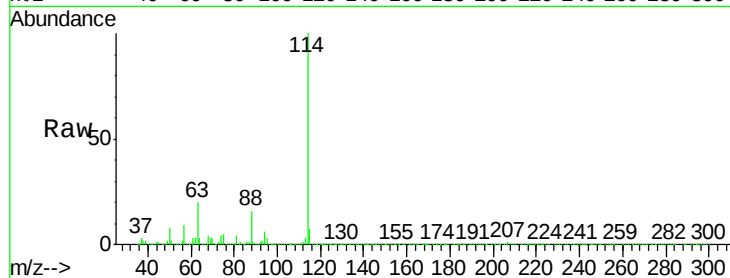
Tot Ion:114 Resp: 1288087

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

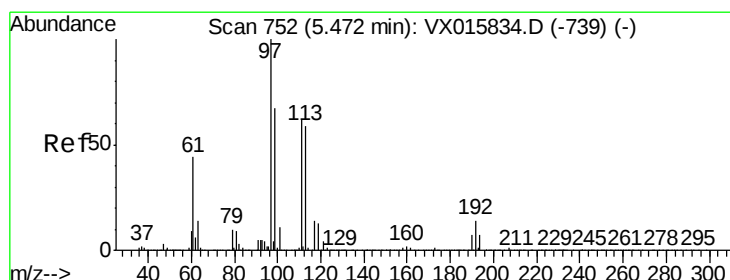
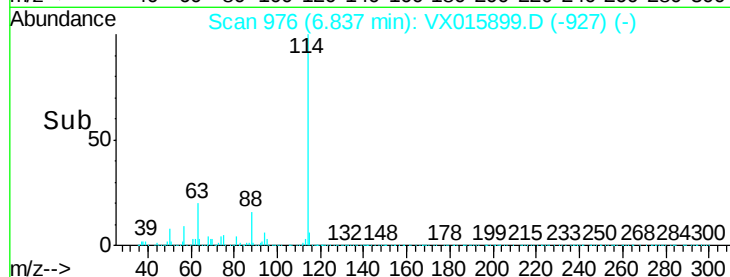
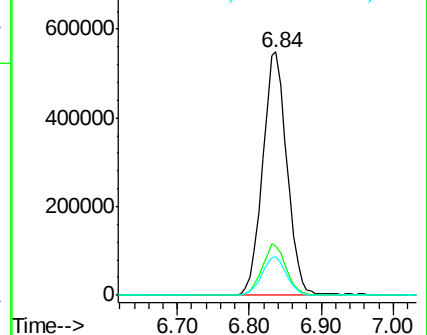
88 15.7 0.0 32.8



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: 49.227 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

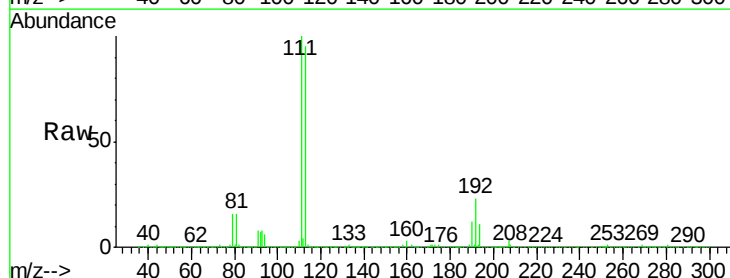
Tgt Ion:113 Resp: 366013

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

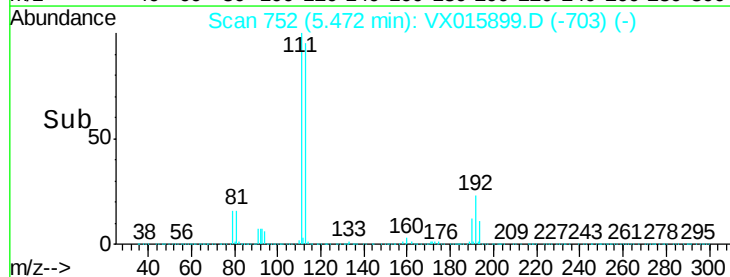
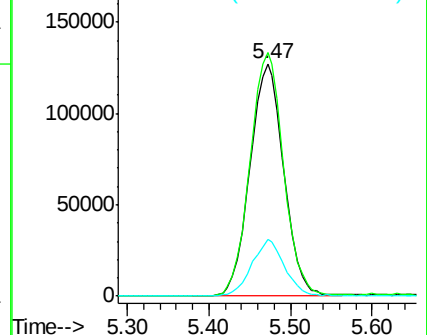
192 24.0 19.3 28.9

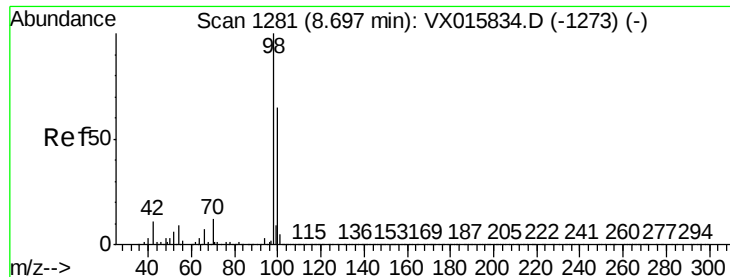


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.960 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

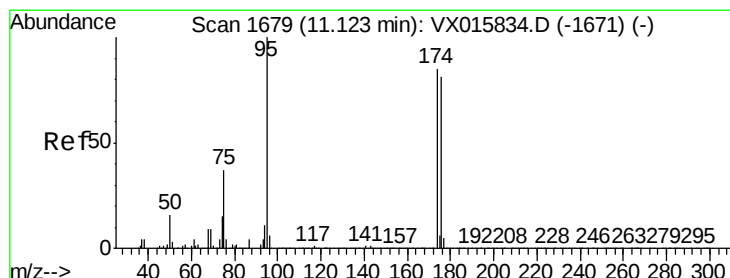
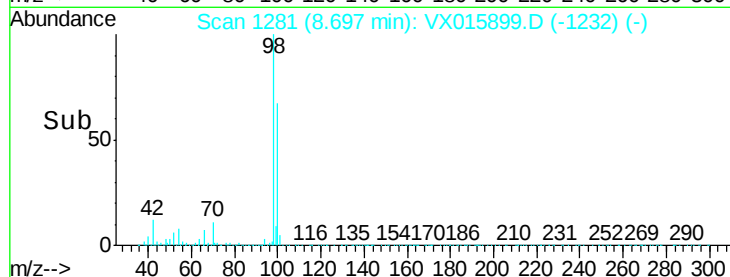
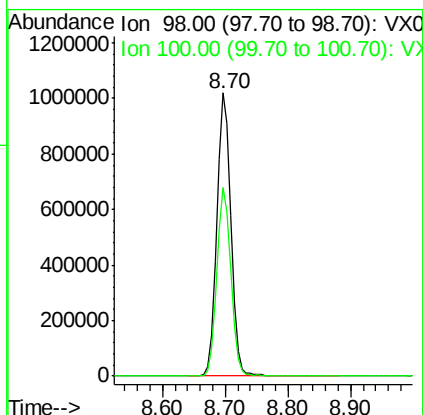
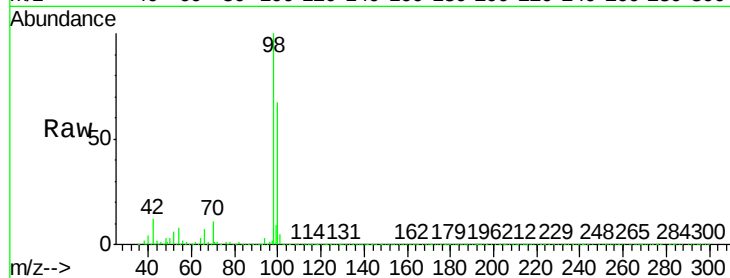
S73-ER-2020-1

Tot Ion: 98 Resp: 1585141

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.577 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015899.D

Acq: 23 Apr 2020 18:32

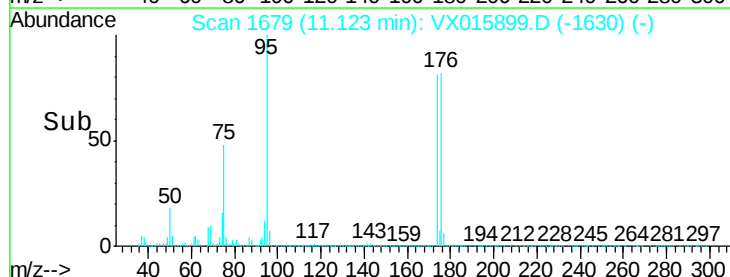
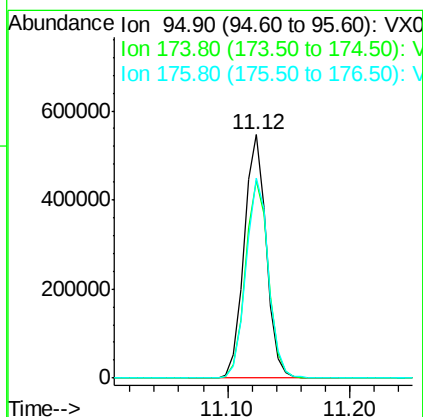
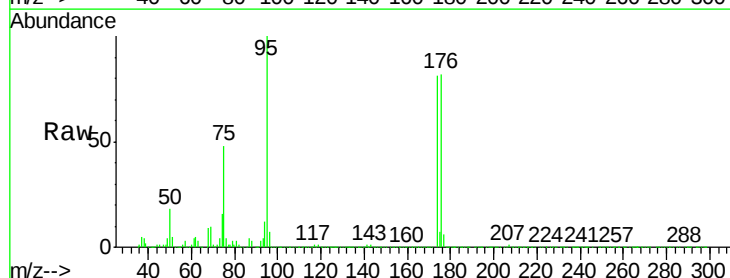
Tgt Ion: 95 Resp: 682405

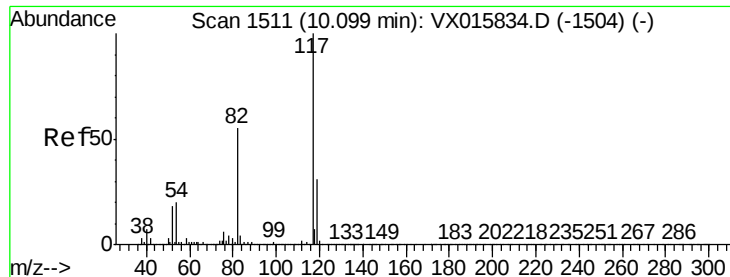
Ion Ratio Lower Upper

95 100

174 84.7 0.0 172.4

176 84.3 0.0 167.0

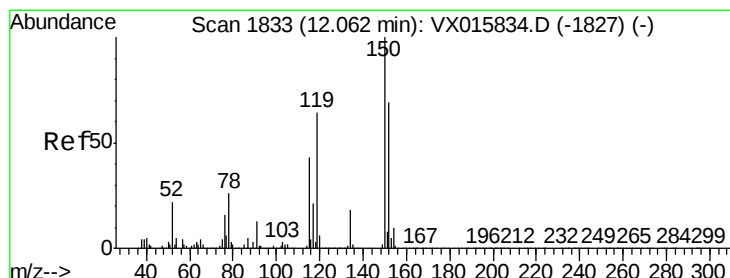
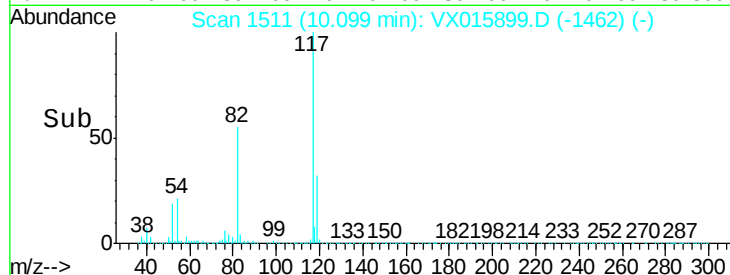
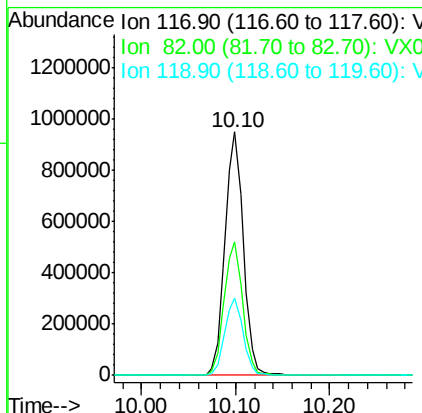
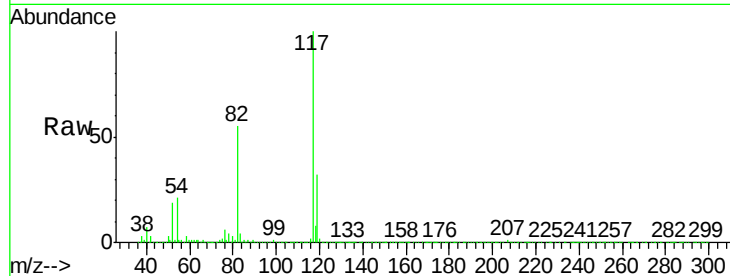




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015899.D
Acq: 23 Apr 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
S73-ER-2020-1

Tot Ion:117 Resp: 1288322
Ion Ratio Lower Upper
117 100
82 54.6 43.9 65.9
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015899.D
Acq: 23 Apr 2020 18:32

Tgt Ion:152 Resp: 722048
Ion Ratio Lower Upper
152 100
115 57.9 39.0 116.9
150 157.0 0.0 336.8

