

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016791.D
 Acq On : 16 Jun 2020 19:39
 Operator : JC/SP
 Sample : L2984-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563

Quant Time: Jun 17 06:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

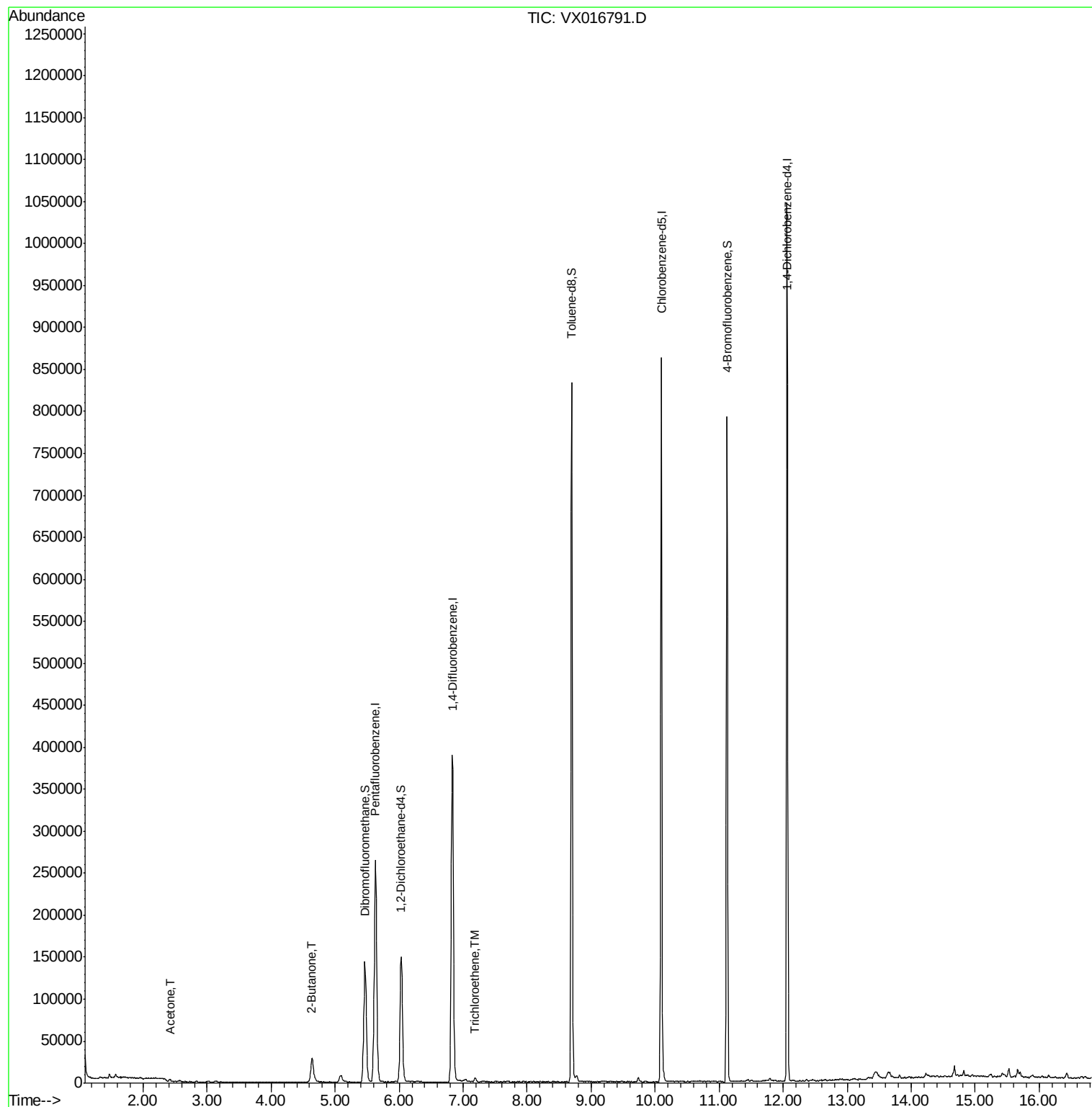
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	262665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145842	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	5.46	113	125692	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.70	98	506990	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	11.12	95	210147	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
Target Compounds						
16) Acetone	2.42	43	3366	2.512	ug/l	99
25) 2-Butanone	4.64	43	36881	18.260	ug/l	99
44) Trichloroethene	7.18	130	1971	0.572	ug/l	77

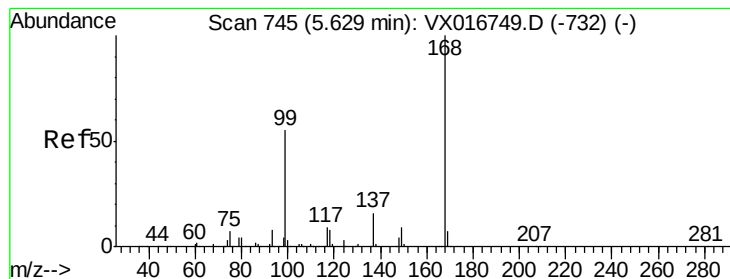
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

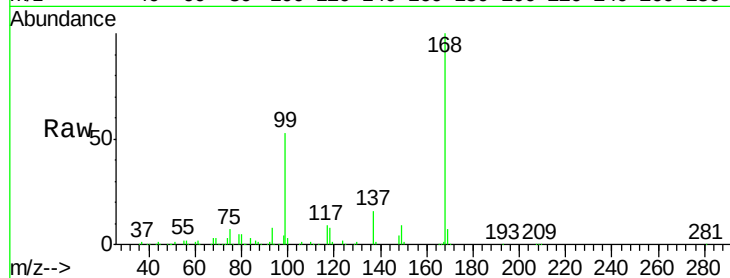
S49-0563

Tot Ion:168 Resp: 262665

Ion Ratio Lower Upper

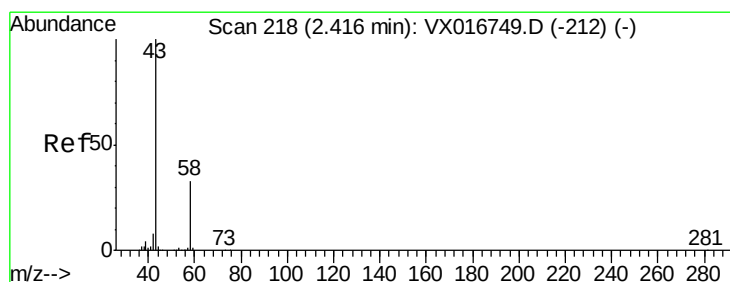
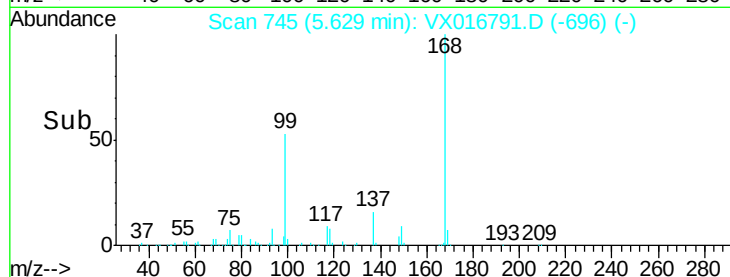
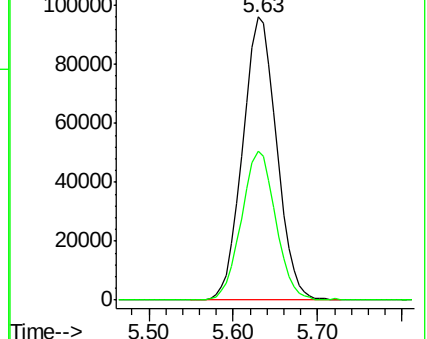
168 100

99 52.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.512 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016791.D

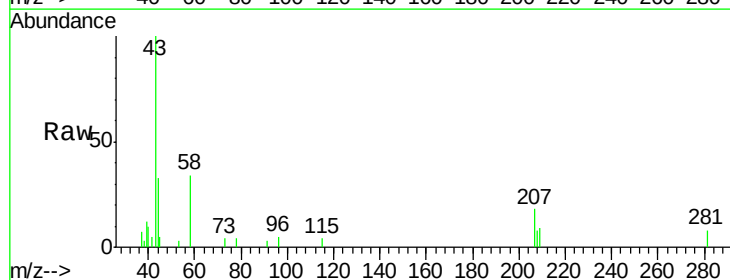
Acq: 16 Jun 2020 19:39

Tgt Ion: 43 Resp: 3366

Ion Ratio Lower Upper

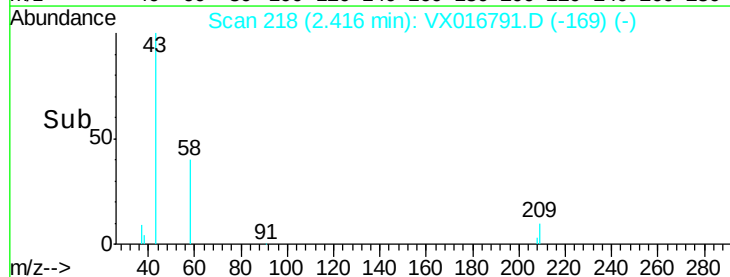
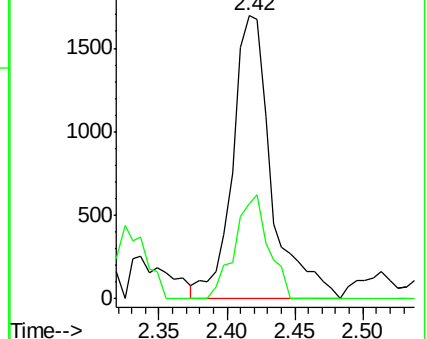
43 100

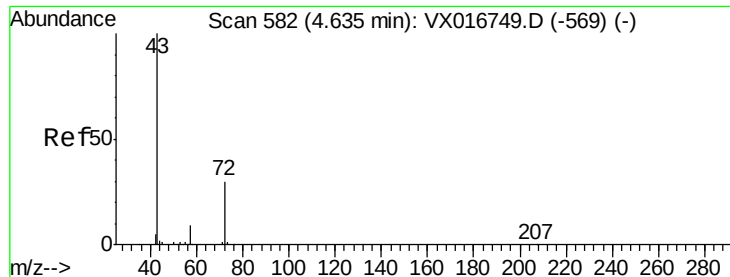
58 33.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 18.260 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampled :

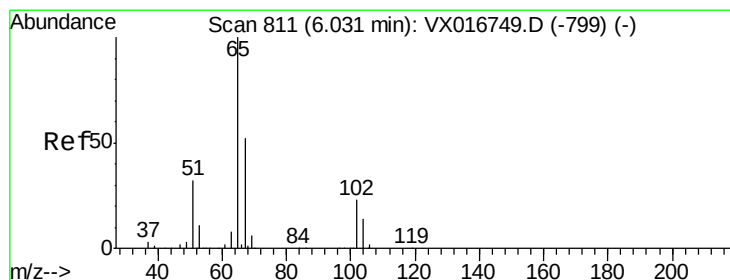
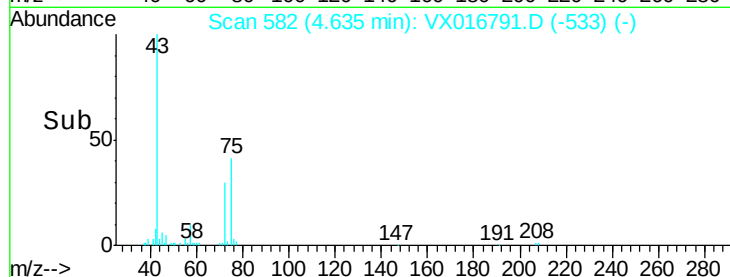
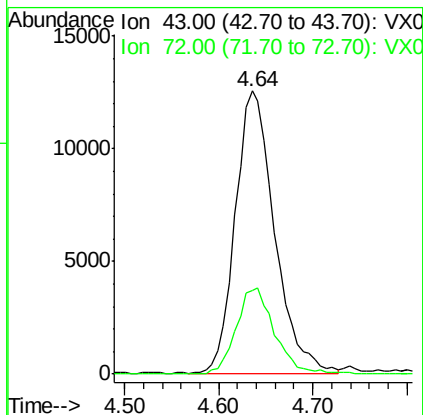
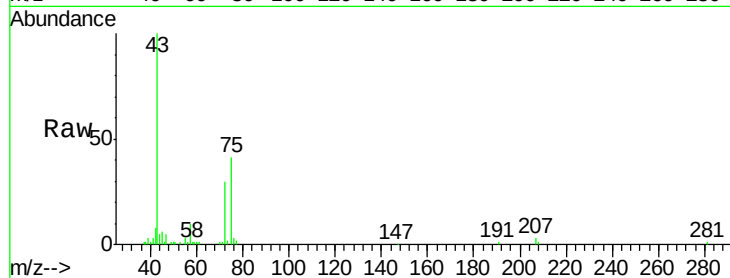
S49-0563

Tot Ion: 43 Resp: 36881

Ion Ratio Lower Upper

43 100

72 29.7 24.2 36.4



#33

1,2-Dichloroethane-d4

Concen: 49.366 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016791.D

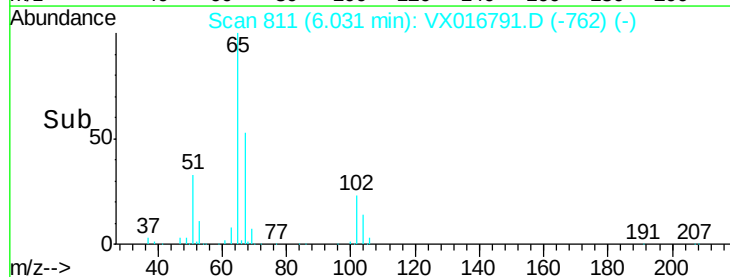
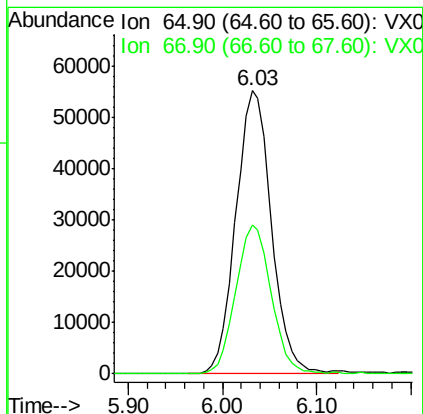
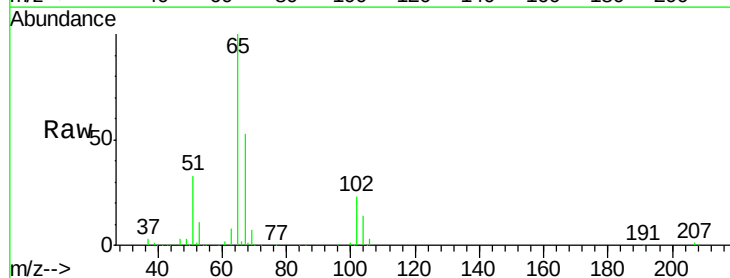
Acq: 16 Jun 2020 19:39

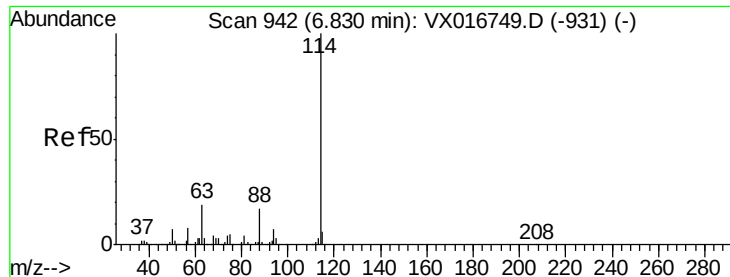
Tgt Ion: 65 Resp: 145842

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

S49-0563

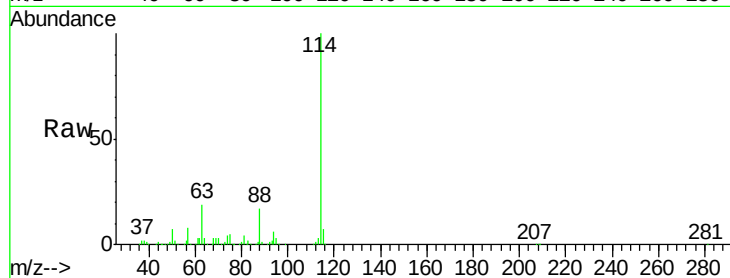
Tot Ion:114 Resp: 413903

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

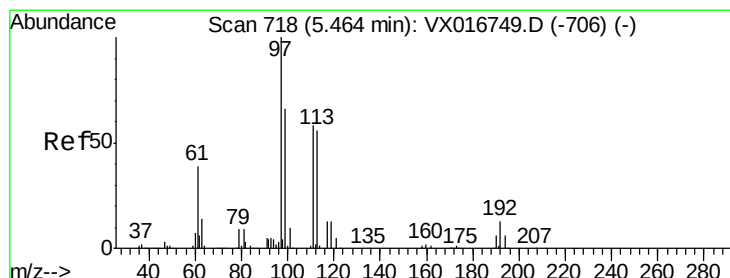
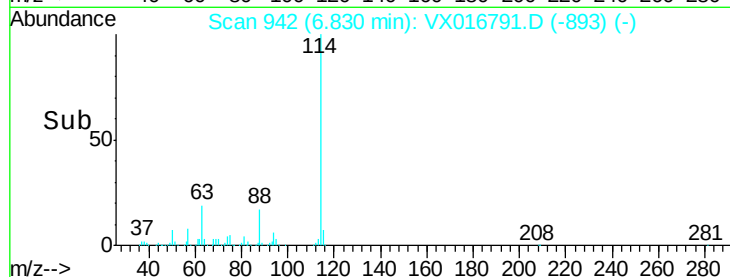
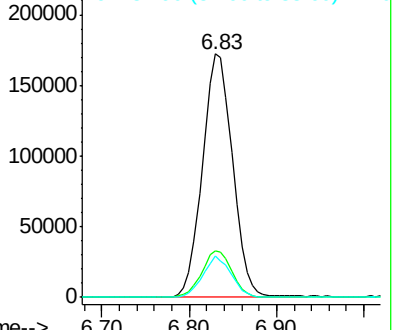
88 16.7 0.0 33.4



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: 49.219 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

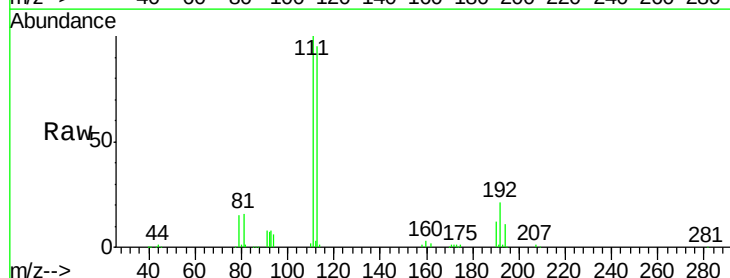
Tgt Ion:113 Resp: 125692

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

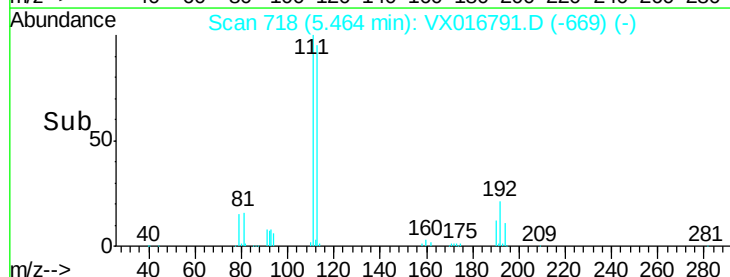
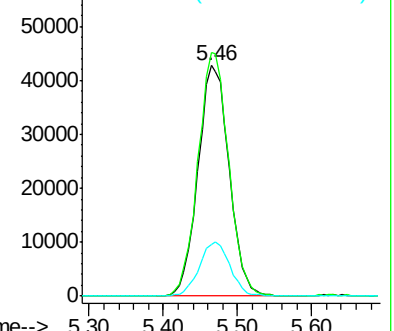
192 23.3 18.2 27.4

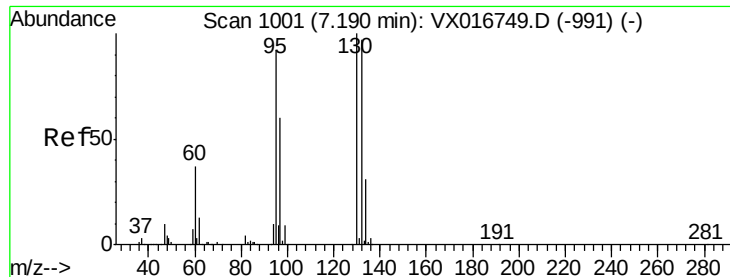


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.572 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

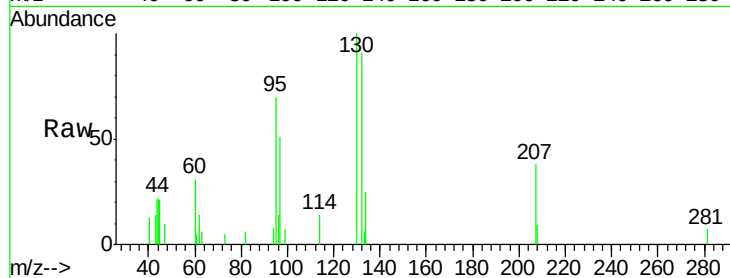
S49-0563

Tot Ion:130 Resp: 1971

Ion Ratio Lower Upper

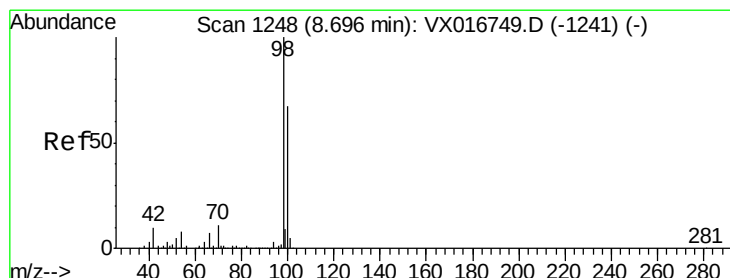
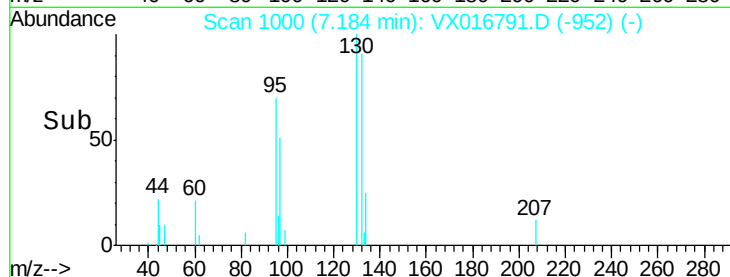
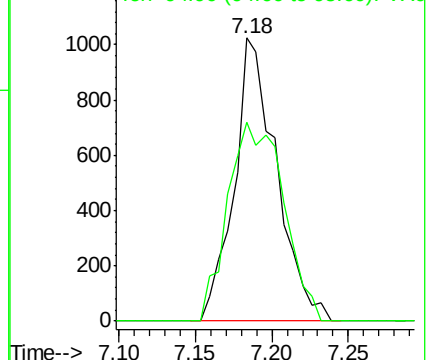
130 100

95 70.2 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.842 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016791.D

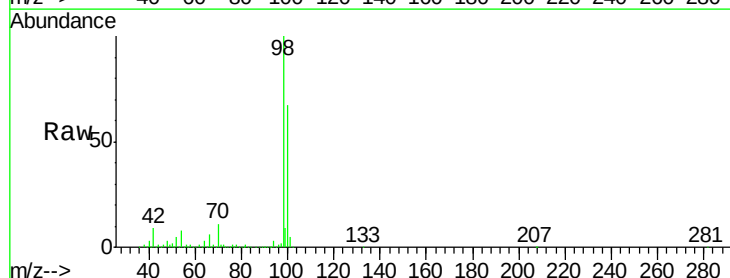
Acq: 16 Jun 2020 19:39

Tgt Ion: 98 Resp: 506990

Ion Ratio Lower Upper

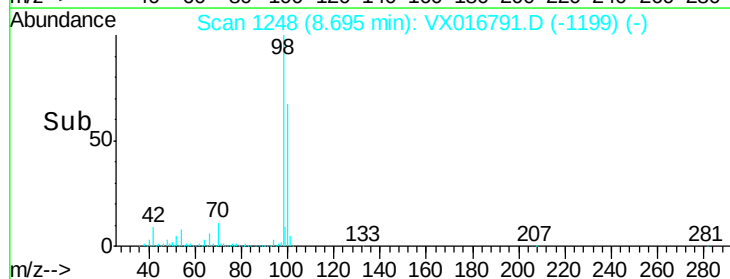
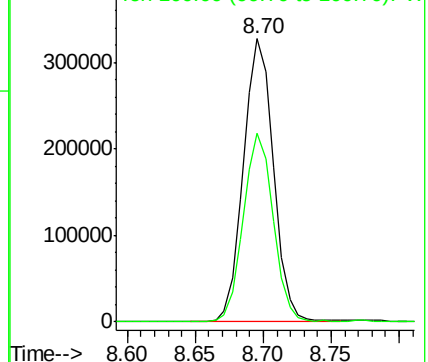
98 100

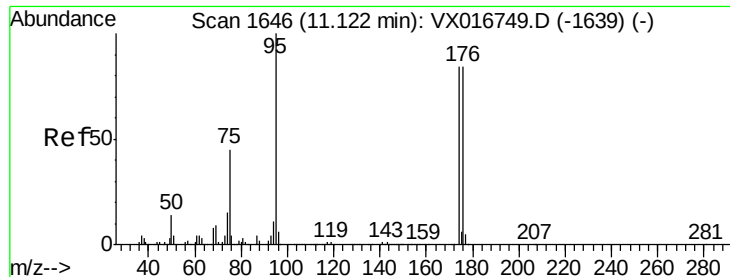
100 66.3 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 58.347 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampled :

S49-0563

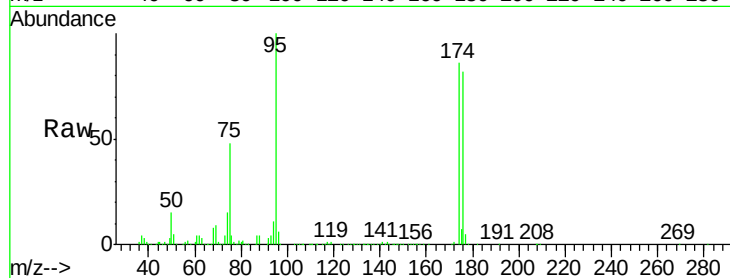
Tot Ion: 95 Resp: 210147

Ion Ratio Lower Upper

95 100

174 87.1 0.0 171.0

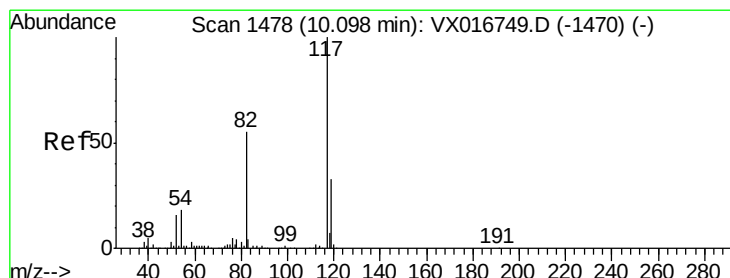
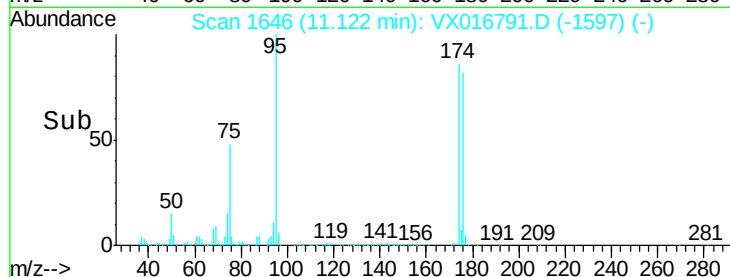
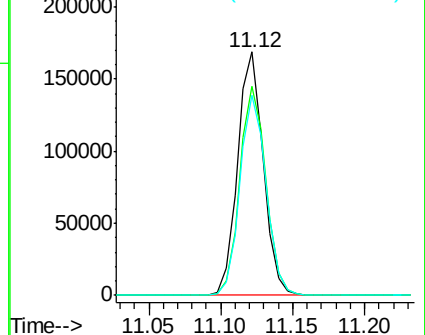
176 83.6 0.0 166.2



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: VX016791.D

Acq: 16 Jun 2020 19:39

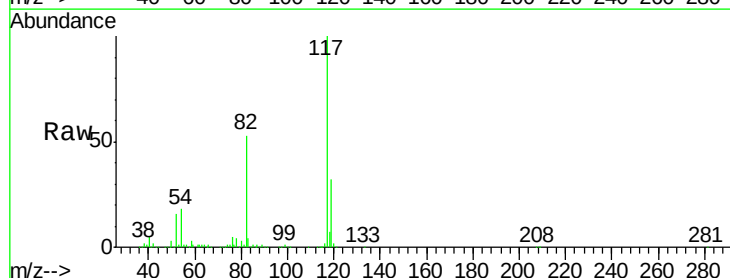
Tgt Ion: 117 Resp: 419619

Ion Ratio Lower Upper

117 100

82 52.9 43.8 65.6

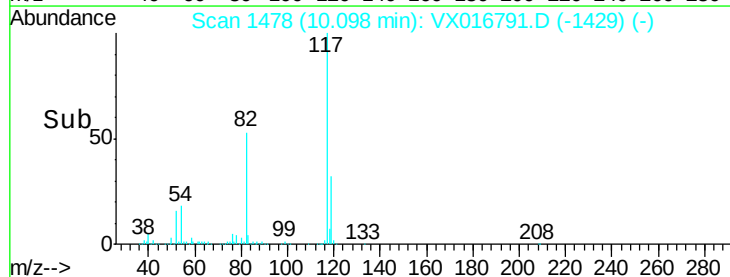
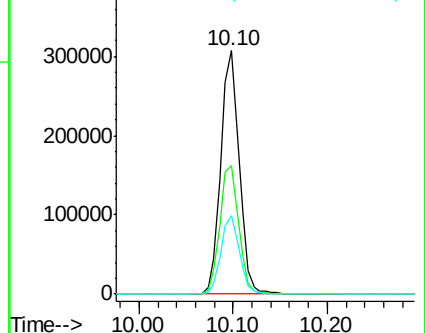
119 32.1 26.2 39.4

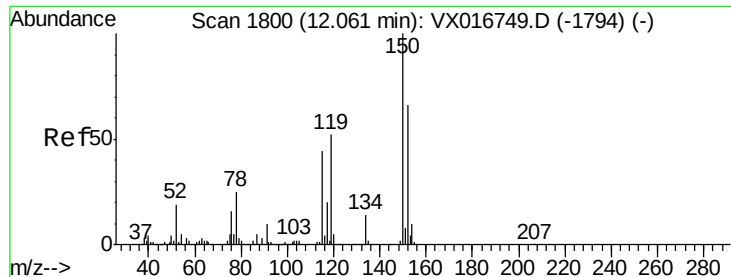


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016791.D

Acq: 16 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

S49-0563

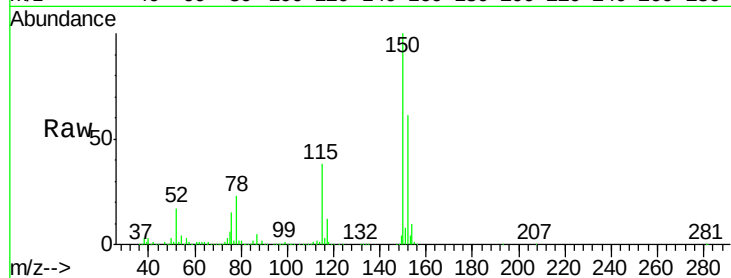
Tot Ion:152 Resp: 216390

Ion Ratio Lower Upper

152 100

115 59.7 40.3 120.8

150 160.4 0.0 337.4



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

