

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016787.D
 Acq On : 16 Jun 2020 18:08
 Operator : JC/SP
 Sample : L3003-01 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0570

Quant Time: Jun 17 04:56:52 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

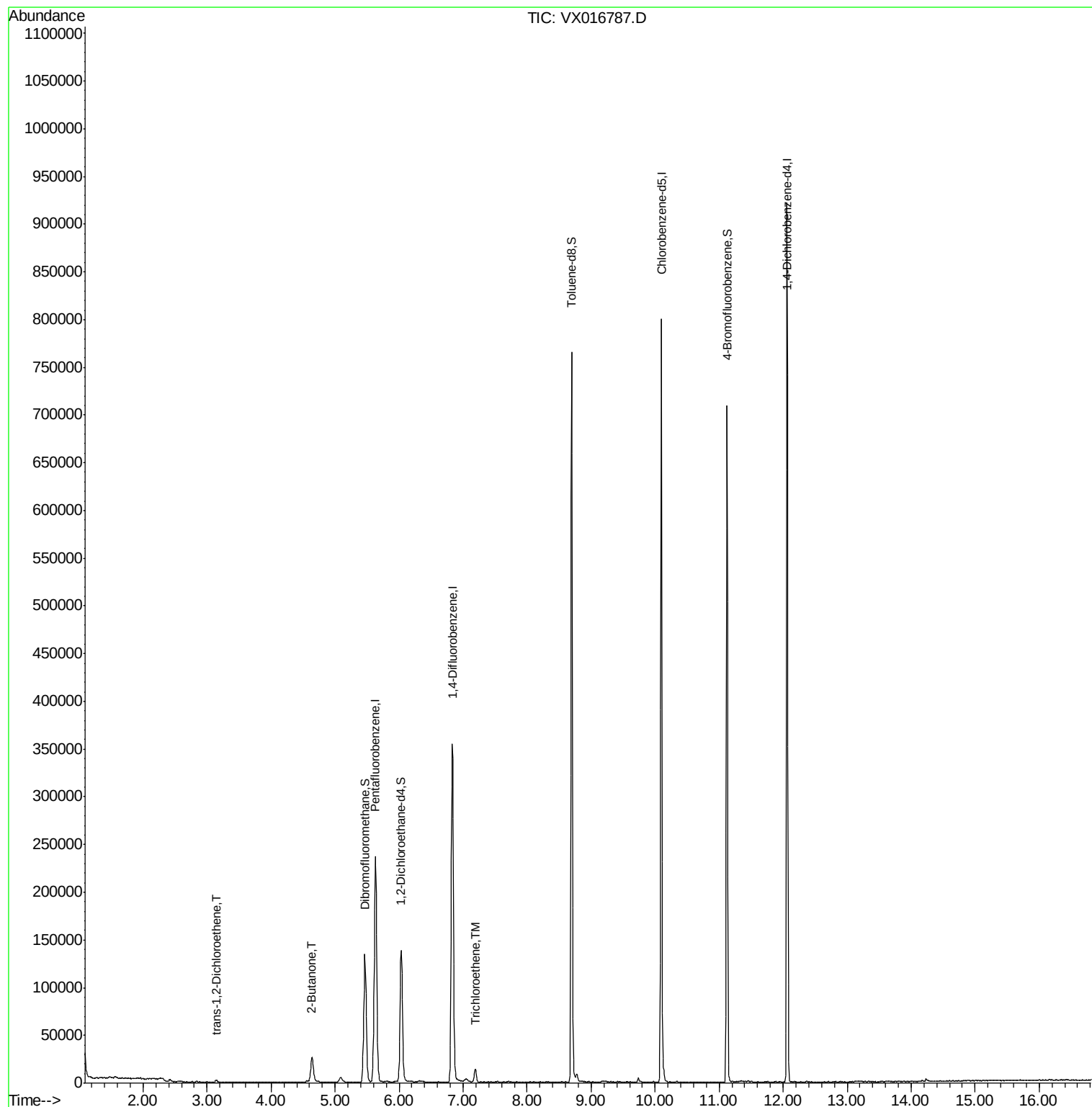
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	234270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136391	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	5.46	113	113549	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.70	98	455313	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	11.12	95	184185	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.15	96	1094	0.445	ug/l #	76
25) 2-Butanone	4.64	43	38093	21.146	ug/l	95
44) Trichloroethene	7.19	130	5121	1.666	ug/l	94

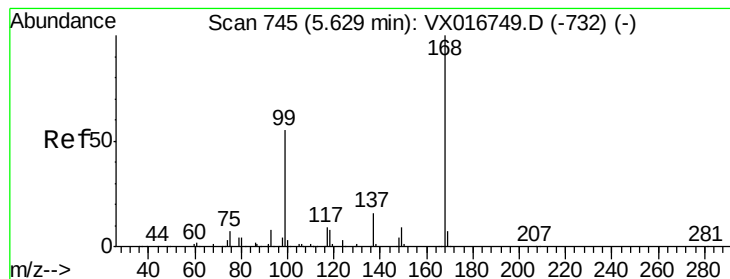
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

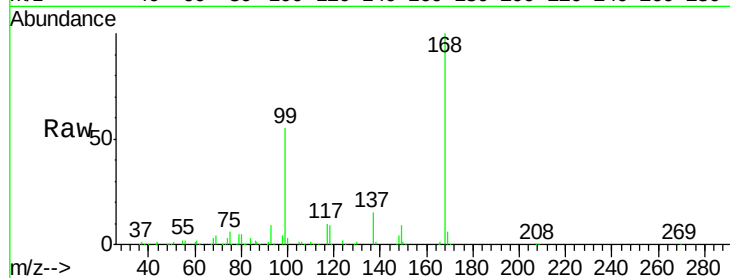
S49-0570

Tot Ion:168 Resp: 234270

Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

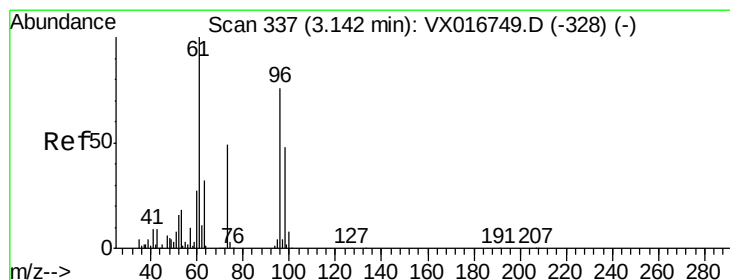
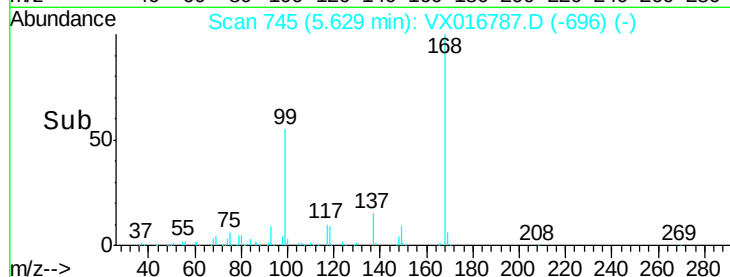
40000

20000

0

Time-->

5.50 5.60 5.70



#21

trans-1,2-Dichloroethene

Concen: 0.445 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

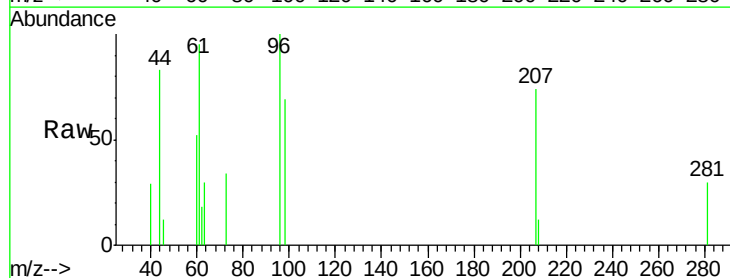
Tgt Ion: 96 Resp: 1094

Ion Ratio Lower Upper

96 100

61 94.5 105.4 158.2#

98 68.8 50.8 76.2



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

800

600

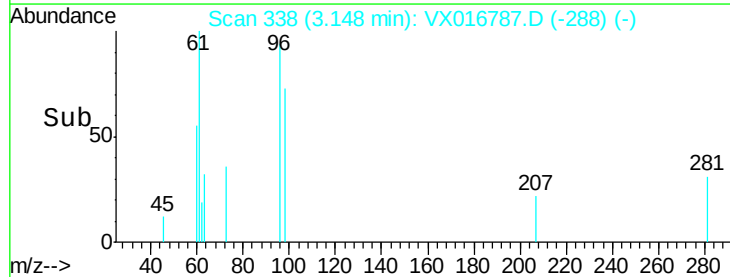
400

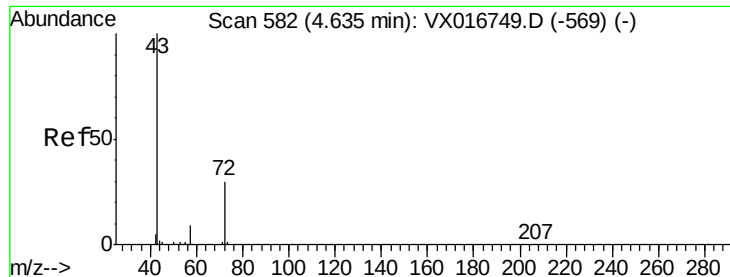
200

0

Time-->

3.10 3.15 3.20





#25

2-Butanone

Concen: 21.146 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

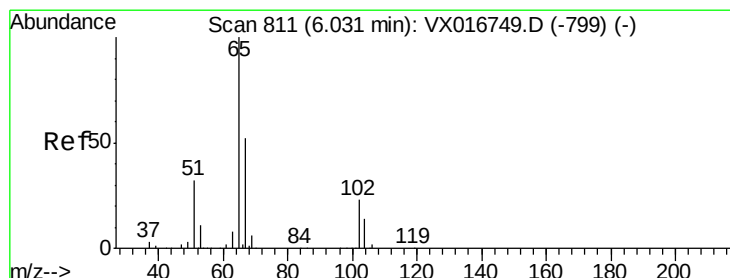
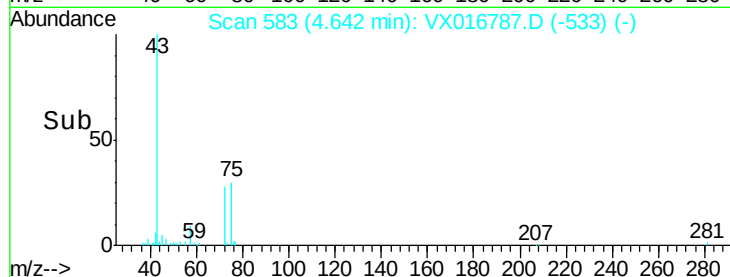
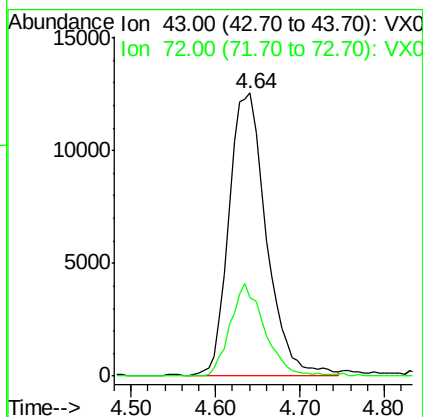
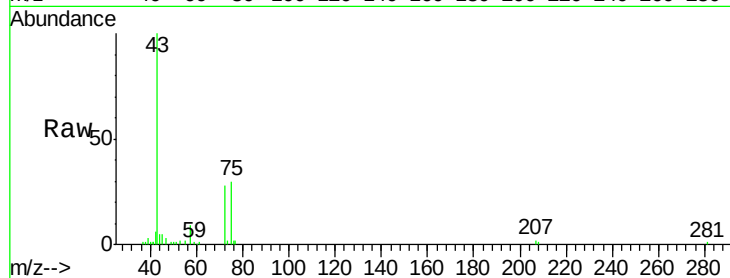
S49-0570

Tot Ion: 43 Resp: 38093

Ion Ratio Lower Upper

43 100

72 27.8 24.2 36.4



#33

1,2-Dichloroethane-d4

Concen: 51.760 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016787.D

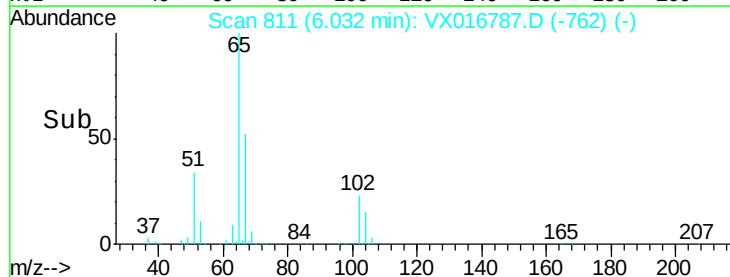
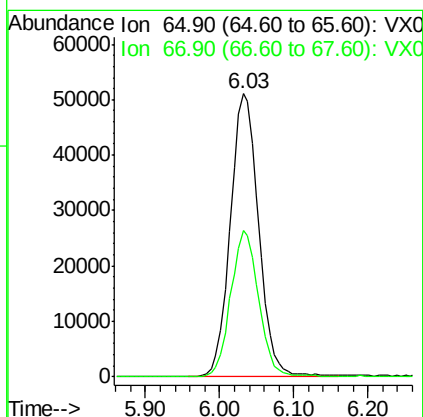
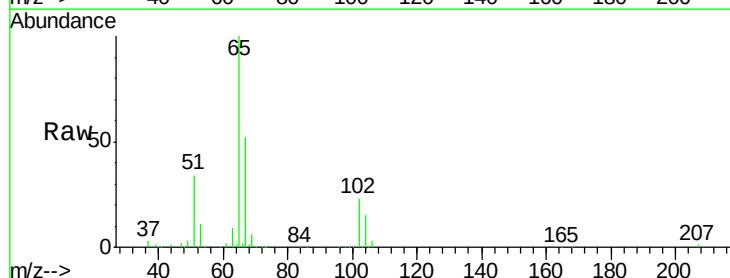
Acq: 16 Jun 2020 18:08

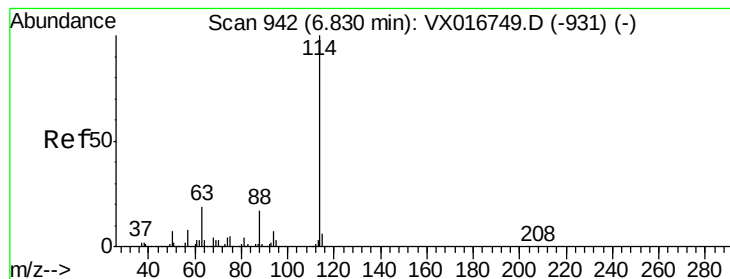
Tgt Ion: 65 Resp: 136391

Ion Ratio Lower Upper

65 100

67 51.0 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: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0570

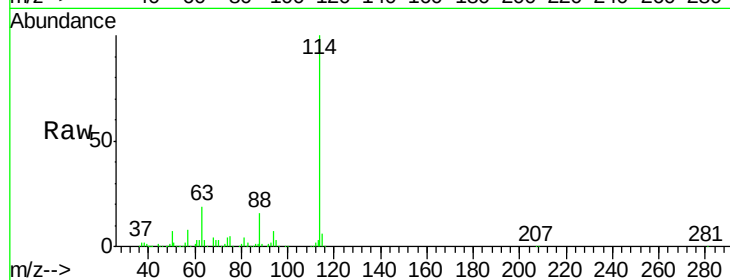
Tot Ion:114 Resp: 369270

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

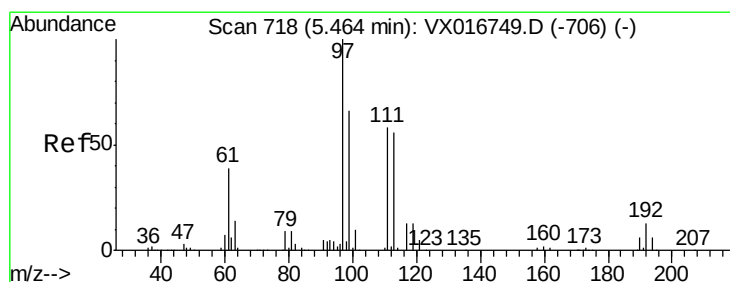
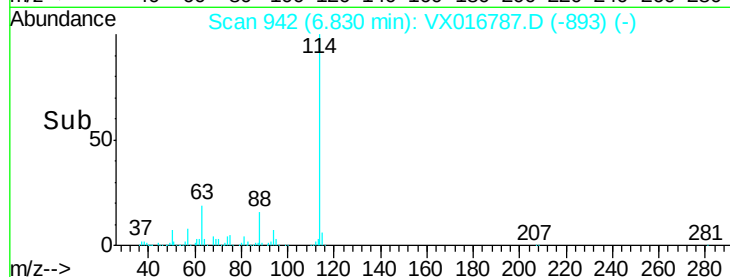
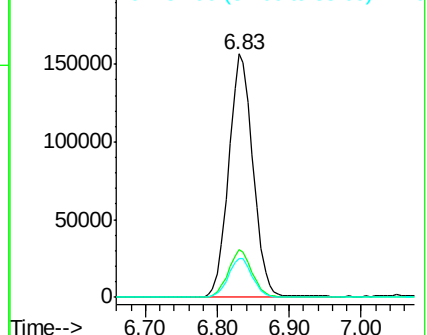
88 16.1 0.0 33.4



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: 49.839 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

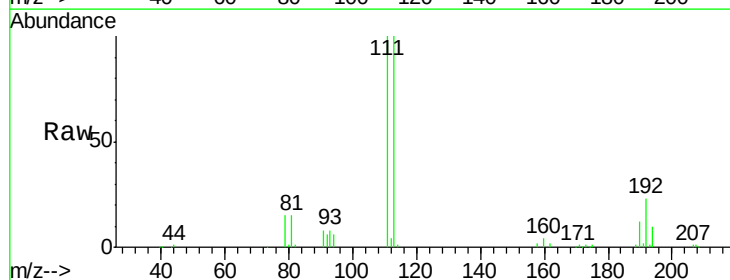
Tgt Ion:113 Resp: 113549

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

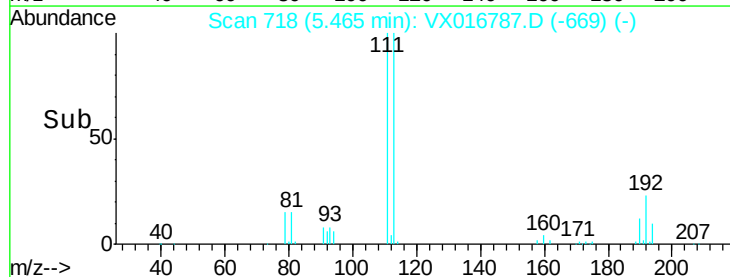
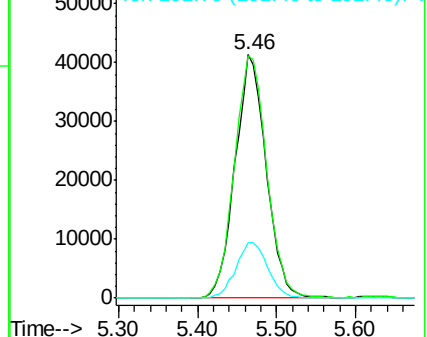
192 23.7 18.2 27.4

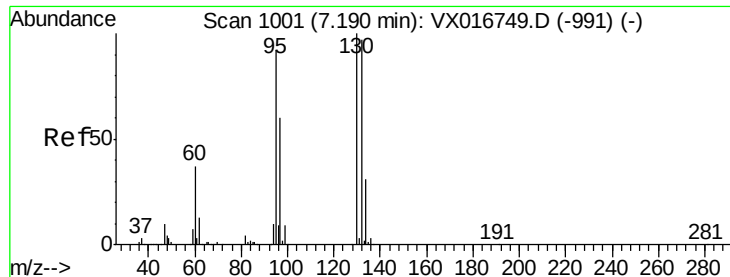


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.666 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampled :

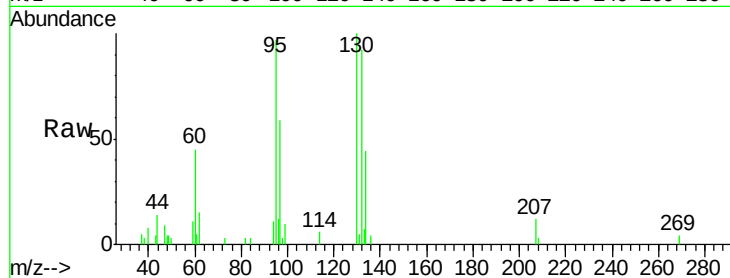
S49-0570

Tot Ion:130 Resp: 5121

Ion Ratio Lower Upper

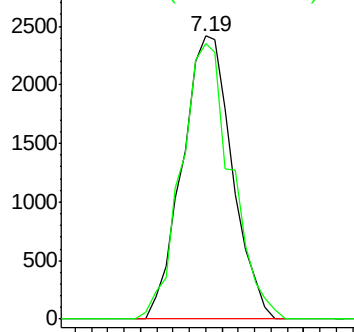
130 100

95 97.3 0.0 183.6

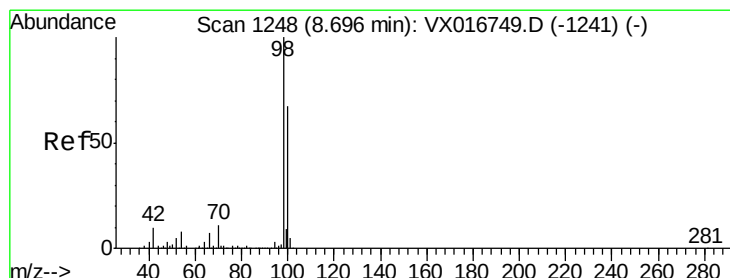
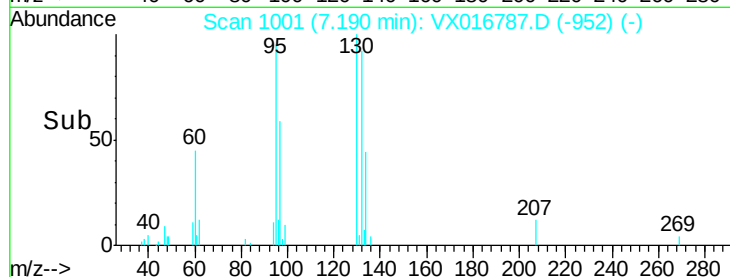


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#50

Toluene-d8

Concen: 54.199 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016787.D

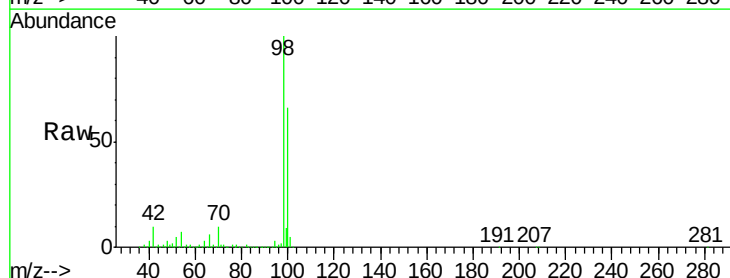
Acq: 16 Jun 2020 18:08

Tgt Ion: 98 Resp: 455313

Ion Ratio Lower Upper

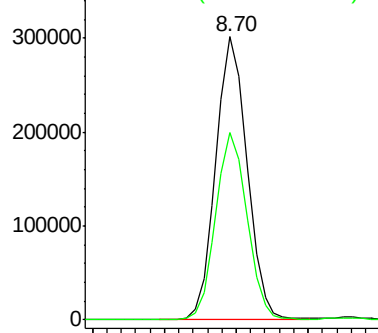
98 100

100 66.1 53.9 80.9

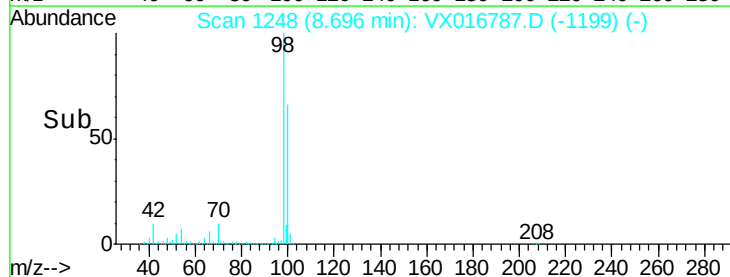


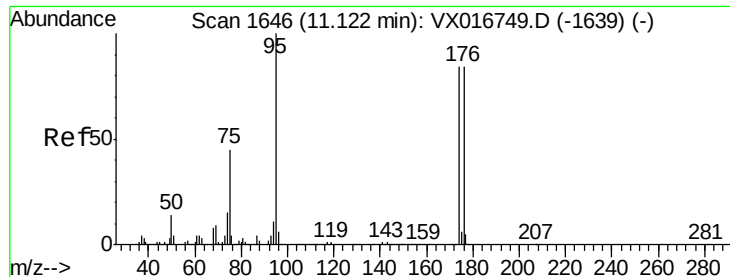
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#62

4-Bromofluorobenzene

Concen: 57.319 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0570

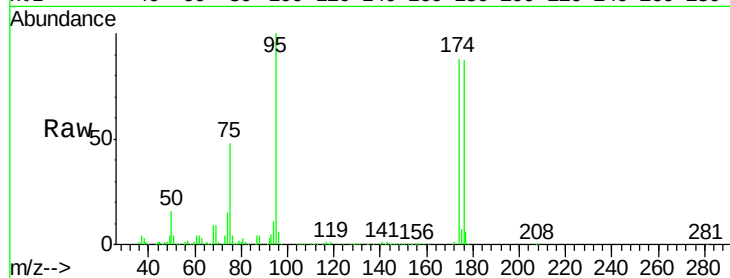
Tot Ion: 95 Resp: 184185

Ion Ratio Lower Upper

95 100

174 89.0 0.0 171.0

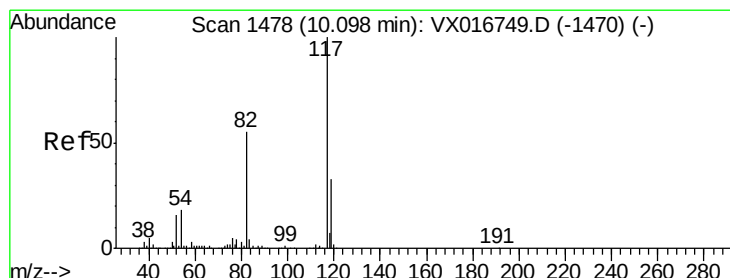
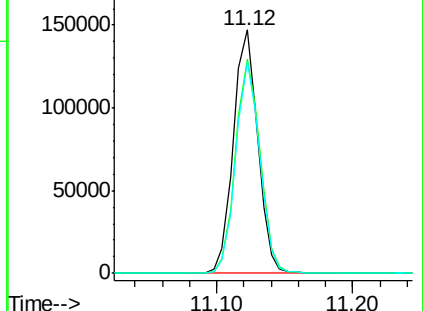
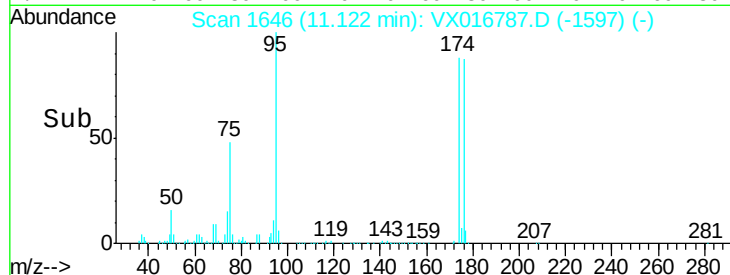
176 85.6 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX016787.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016787.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016787.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

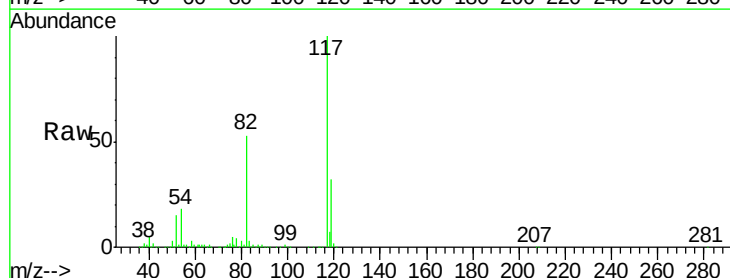
Tgt Ion: 117 Resp: 382852

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.6

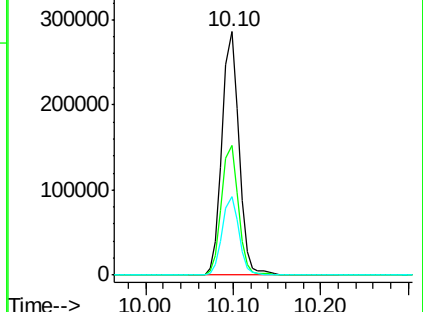
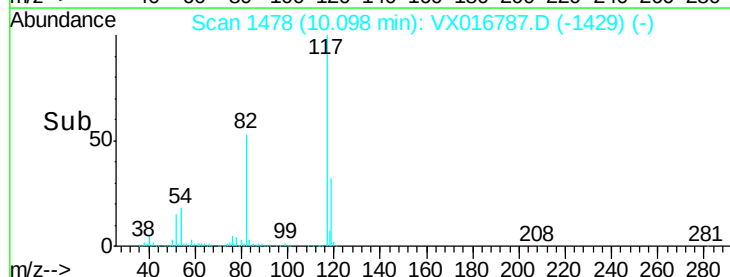
119 32.2 26.2 39.4

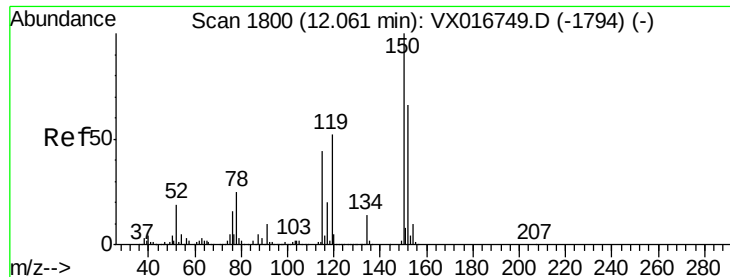


Abundance Ion 116.90 (116.60 to 117.60): VX016787.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016787.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016787.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016787.D

Acq: 16 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0570

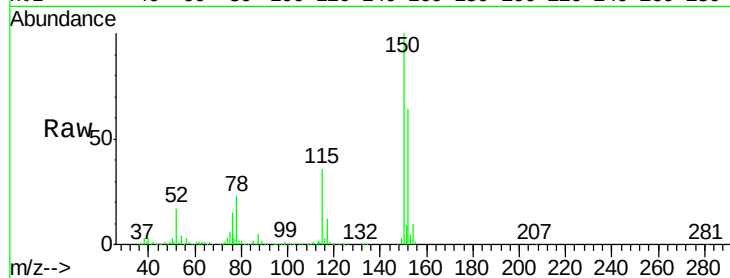
Tot Ion:152 Resp: 196009

Ion Ratio Lower Upper

152 100

115 57.6 40.3 120.8

150 156.4 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

