

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017028.D
 Acq On : 29 Jun 2020 23:28
 Operator : JC/SP
 Sample : L3097-02DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20200623DL

Quant Time: Jun 30 06:45:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

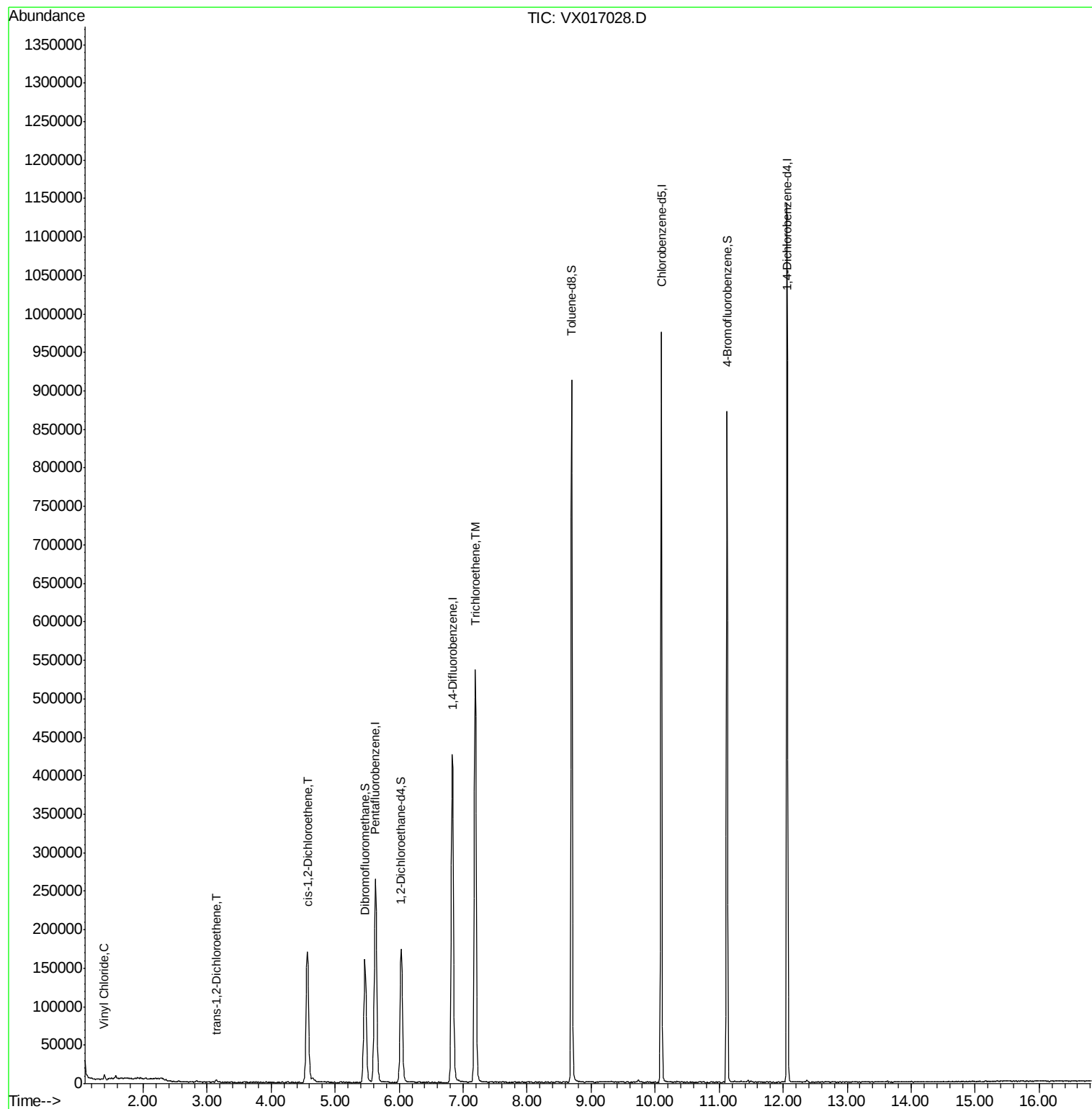
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	443919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165322	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	5.47	113	141164	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	8.70	98	530245	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.12	95	218632	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
Target Compounds						
4) Vinyl Chloride	1.39	62	3985	1.482	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	1535	0.565	ug/l #	87
27) cis-1,2-Dichloroethene	4.57	96	112243	36.462	ug/l	90
44) Trichloroethene	7.19	130	213128	63.560	ug/l	98

(#) = 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. -0.01 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

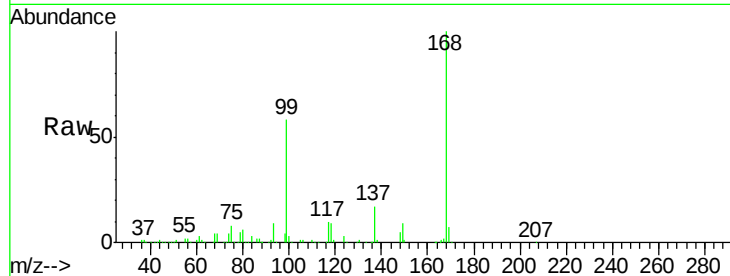
25BR-20200623DL

Tot Ion:168 Resp: 247451

Ion Ratio Lower Upper

168 100

99 58.3 42.6 64.0



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

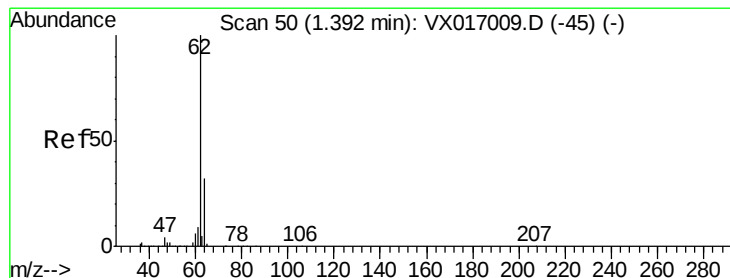
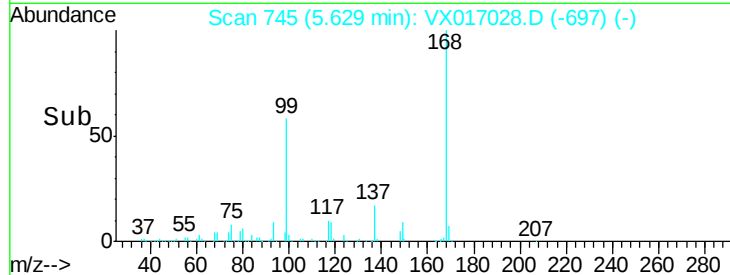
0

5.50

5.60

5.70

Time-->



#4

Vinyl Chloride

Concen: 1.482 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017028.D

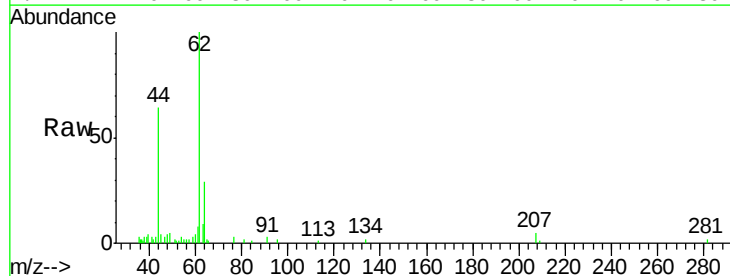
Acq: 29 Jun 2020 23:28

Tgt Ion: 62 Resp: 3985

Ion Ratio Lower Upper

62 100

64 28.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

5000

4000

3000

2000

1000

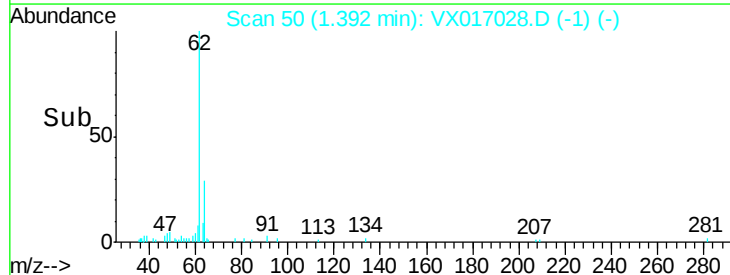
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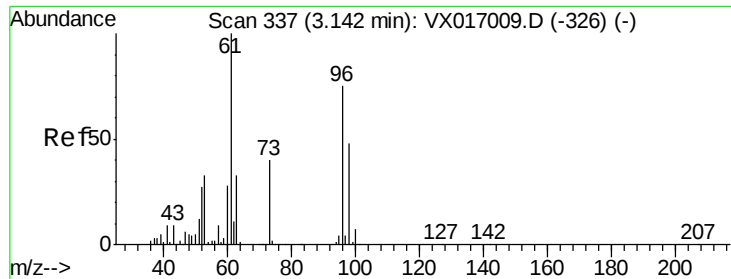
1.35

1.40

1.45

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.565 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

25BR-20200623DL

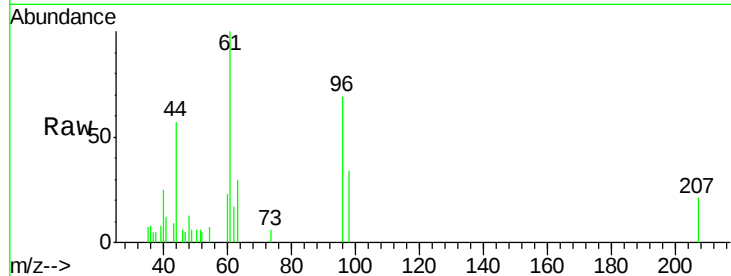
Tot Ion: 96 Resp: 1535

Ion Ratio Lower Upper

96 100

61 144.7 107.0 160.6

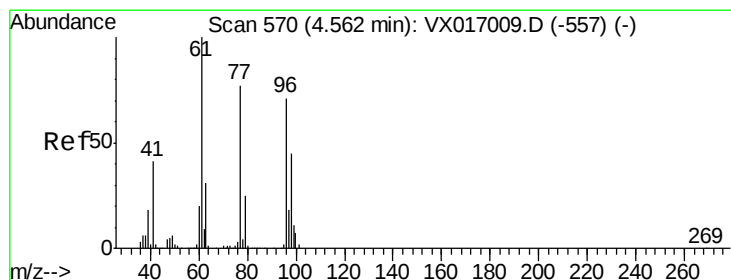
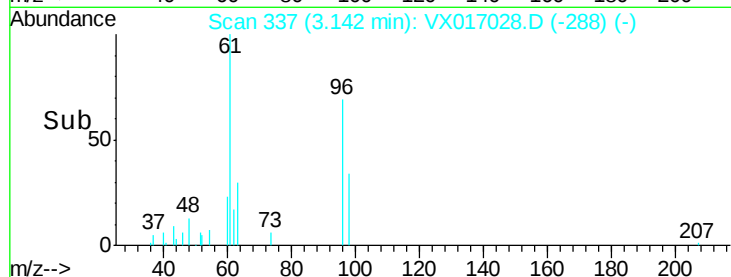
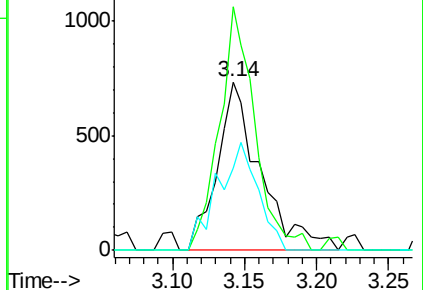
98 49.1 51.6 77.4#



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



#27

cis-1,2-Dichloroethene

Concen: 36.462 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

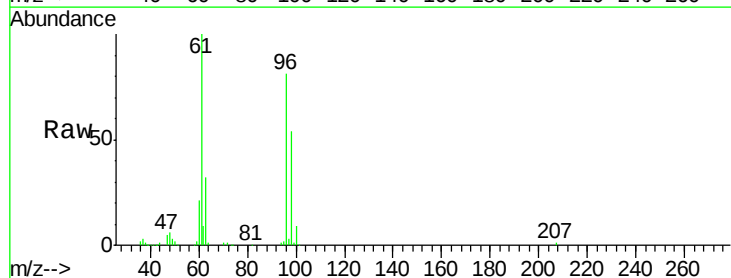
Tgt Ion: 96 Resp: 112243

Ion Ratio Lower Upper

96 100

61 125.4 0.0 282.8

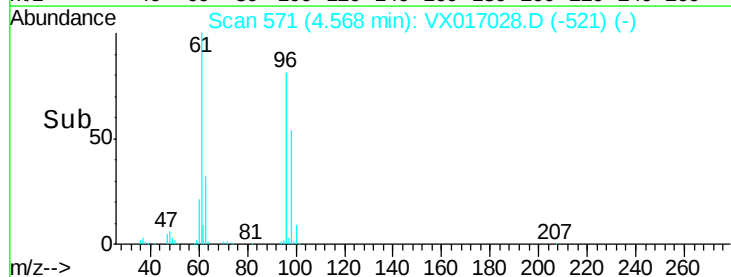
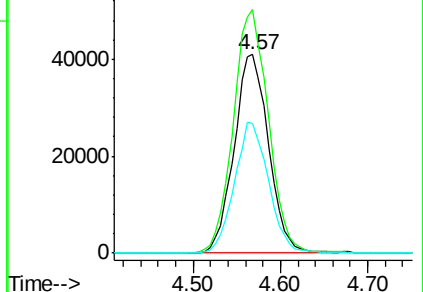
98 65.1 0.0 127.6

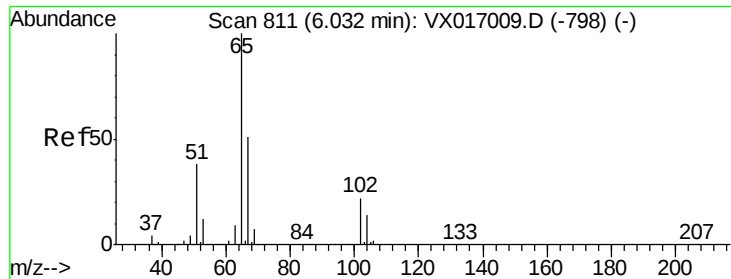


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.194 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

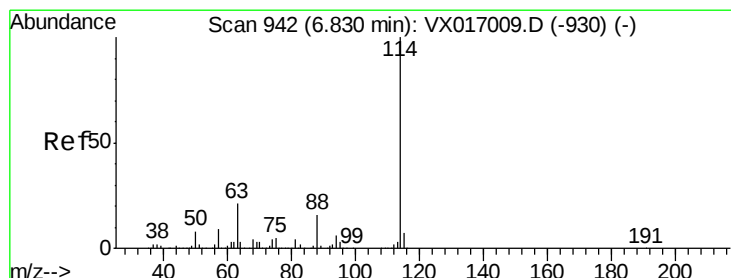
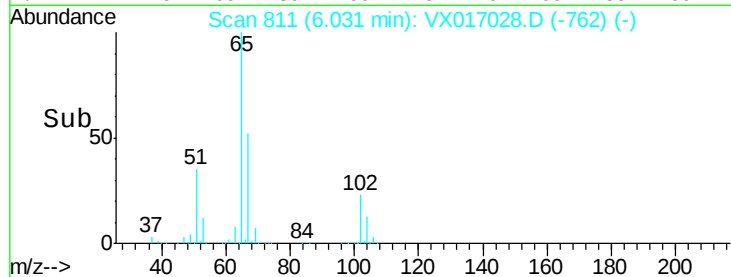
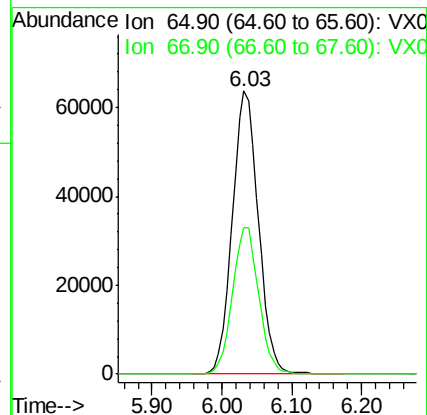
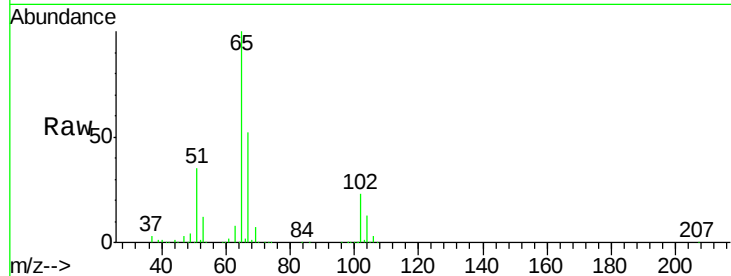
25BR-20200623DL

Tot Ion: 65 Resp: 165322

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

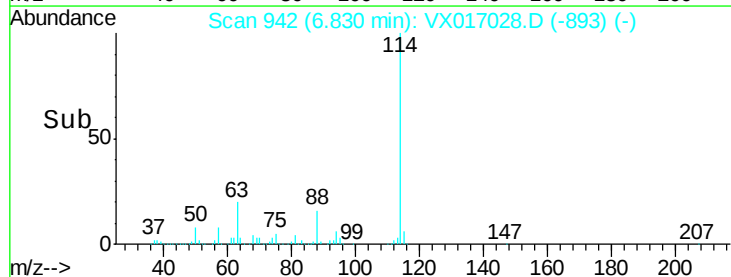
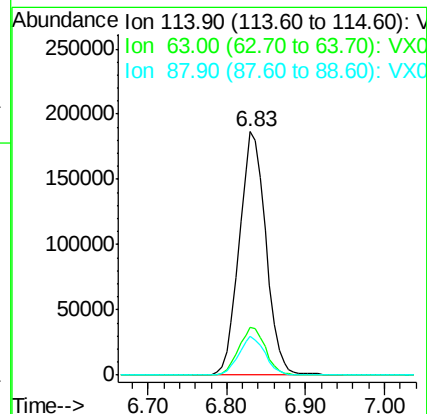
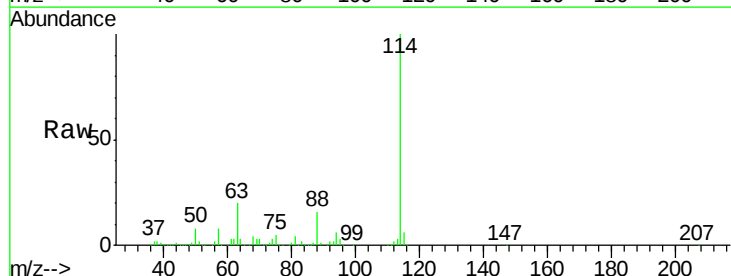
Tgt Ion: 114 Resp: 438162

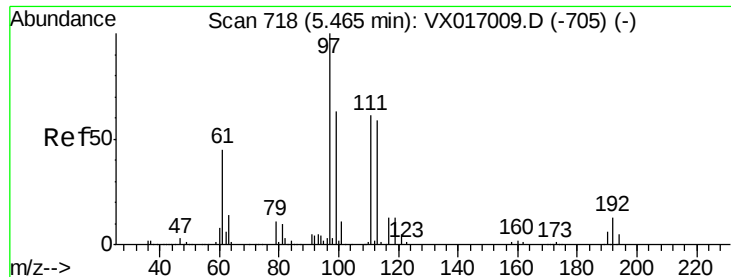
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.8 0.0 32.4

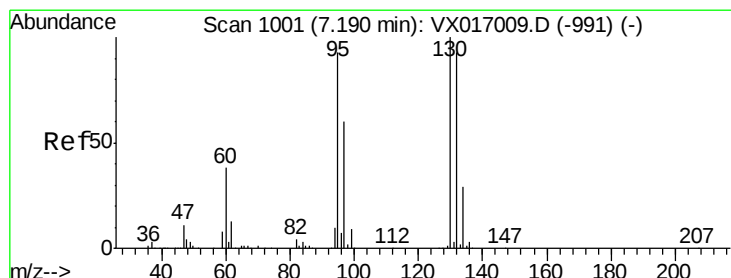
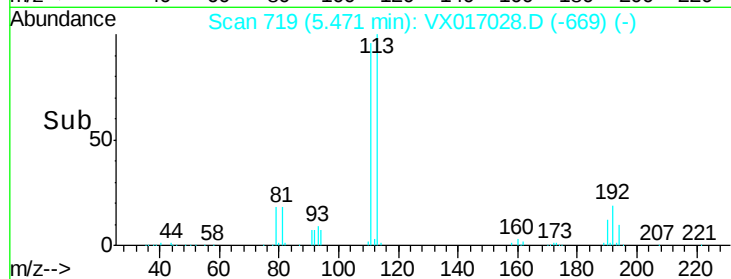
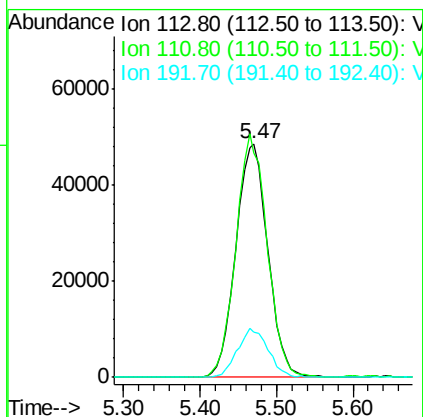
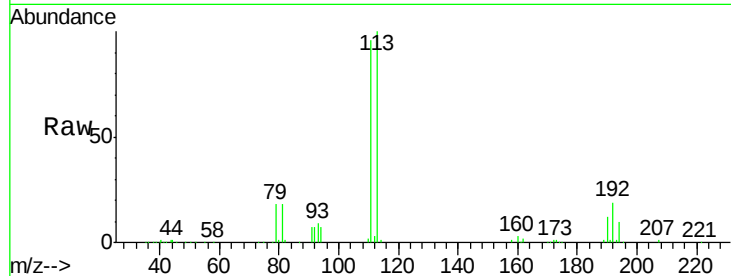




#35
 Dibromofluoromethane
 Concen: 50.931 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017028.D
 Acq: 29 Jun 2020 23:28

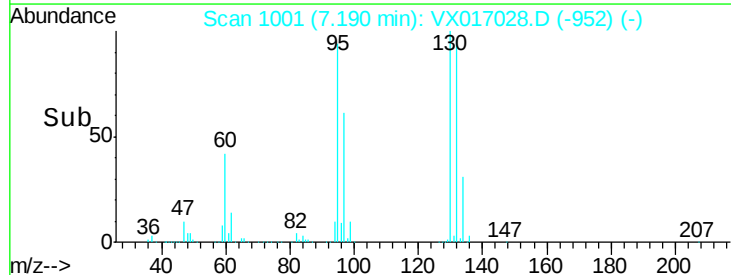
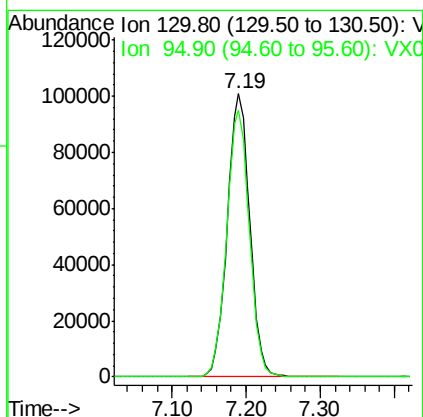
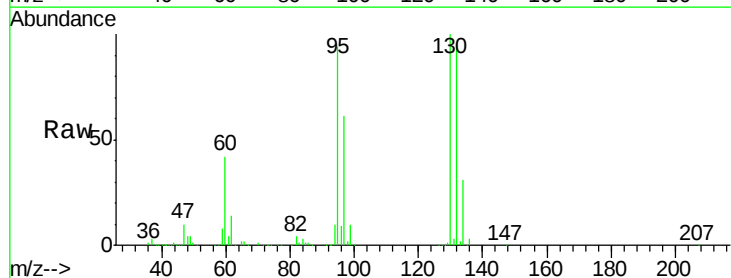
Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20200623DL

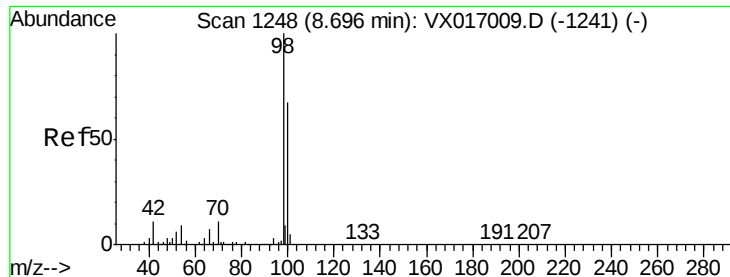
Tot Ion:113 Resp: 141164
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 20.2 16.7 25.1



#44
 Trichloroethene
 Concen: 63.560 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017028.D
 Acq: 29 Jun 2020 23:28

Tgt Ion:130 Resp: 213128
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.0





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

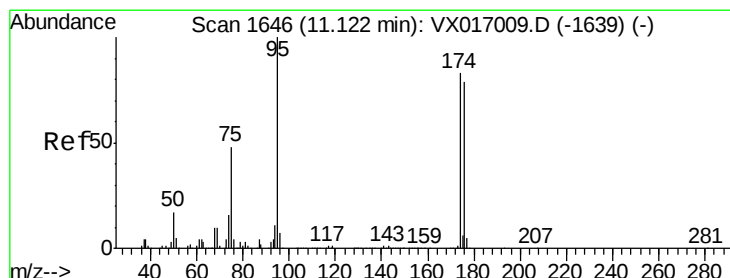
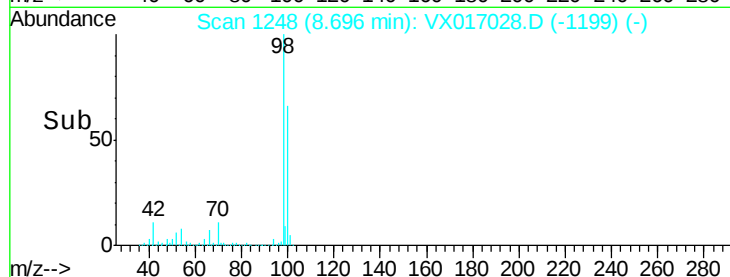
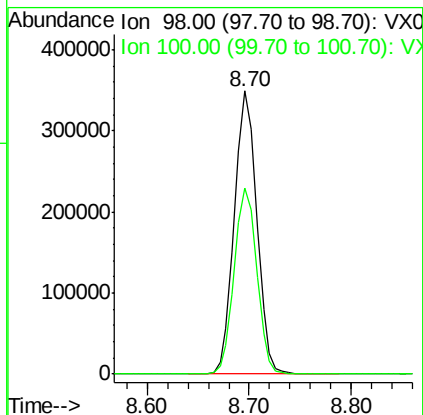
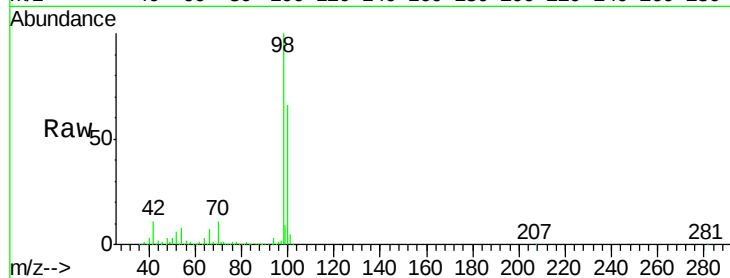
25BR-20200623DL

Tot Ion: 98 Resp: 530245

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.569 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017028.D

Acq: 29 Jun 2020 23:28

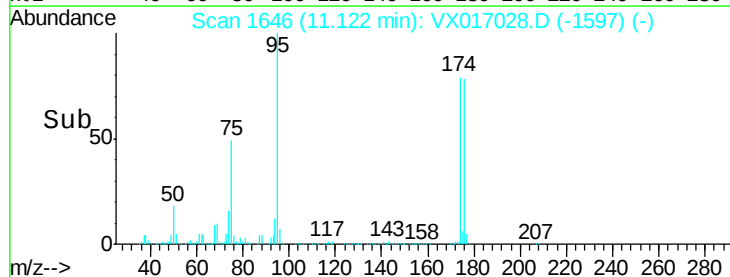
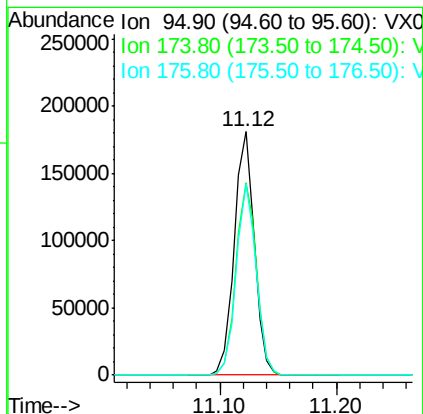
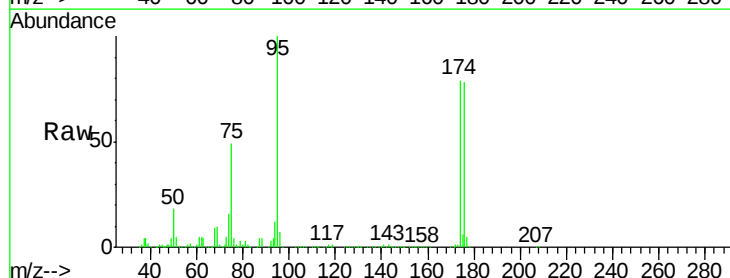
Tgt Ion: 95 Resp: 218632

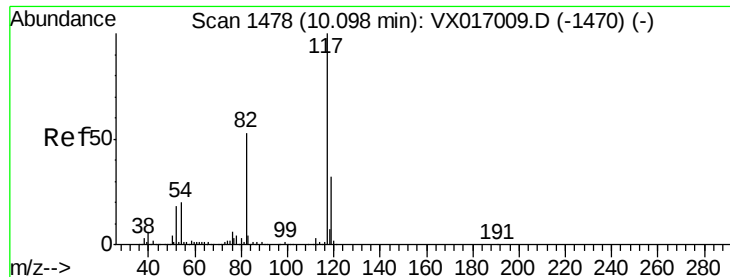
Ion Ratio Lower Upper

95 100

174 81.3 0.0 164.0

176 77.8 0.0 157.6

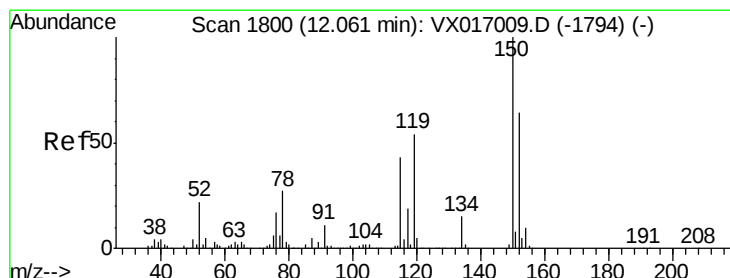
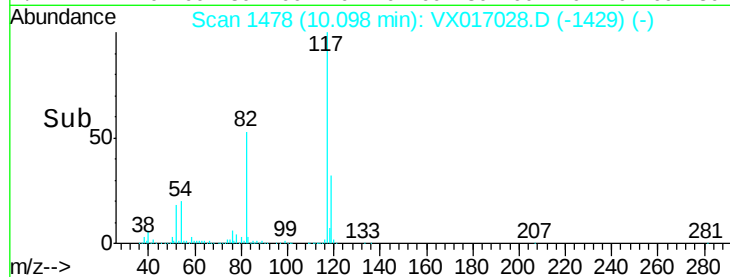
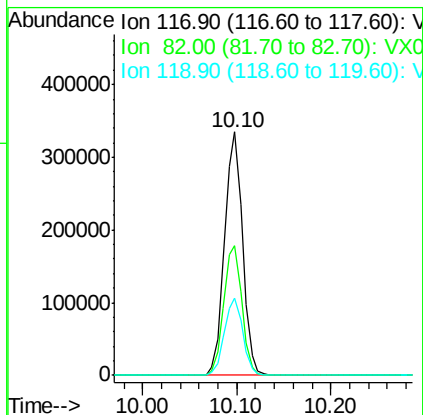
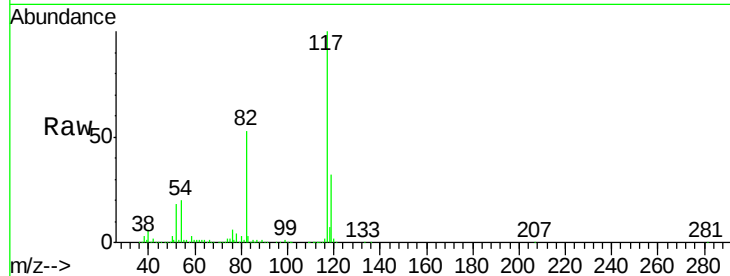




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017028.D
Acq: 29 Jun 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
25BR-20200623DL

Tot Ion:117 Resp: 443919
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017028.D
Acq: 29 Jun 2020 23:28

Tgt Ion:152 Resp: 231761
Ion Ratio Lower Upper
152 100
115 58.8 40.9 122.7
150 155.5 0.0 351.6

