

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016583.D
 Acq On : 04 Jun 2020 15:59
 Operator : JC/SP
 Sample : L2894-07 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0566-200602

Quant Time: Jun 05 07:20:50 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

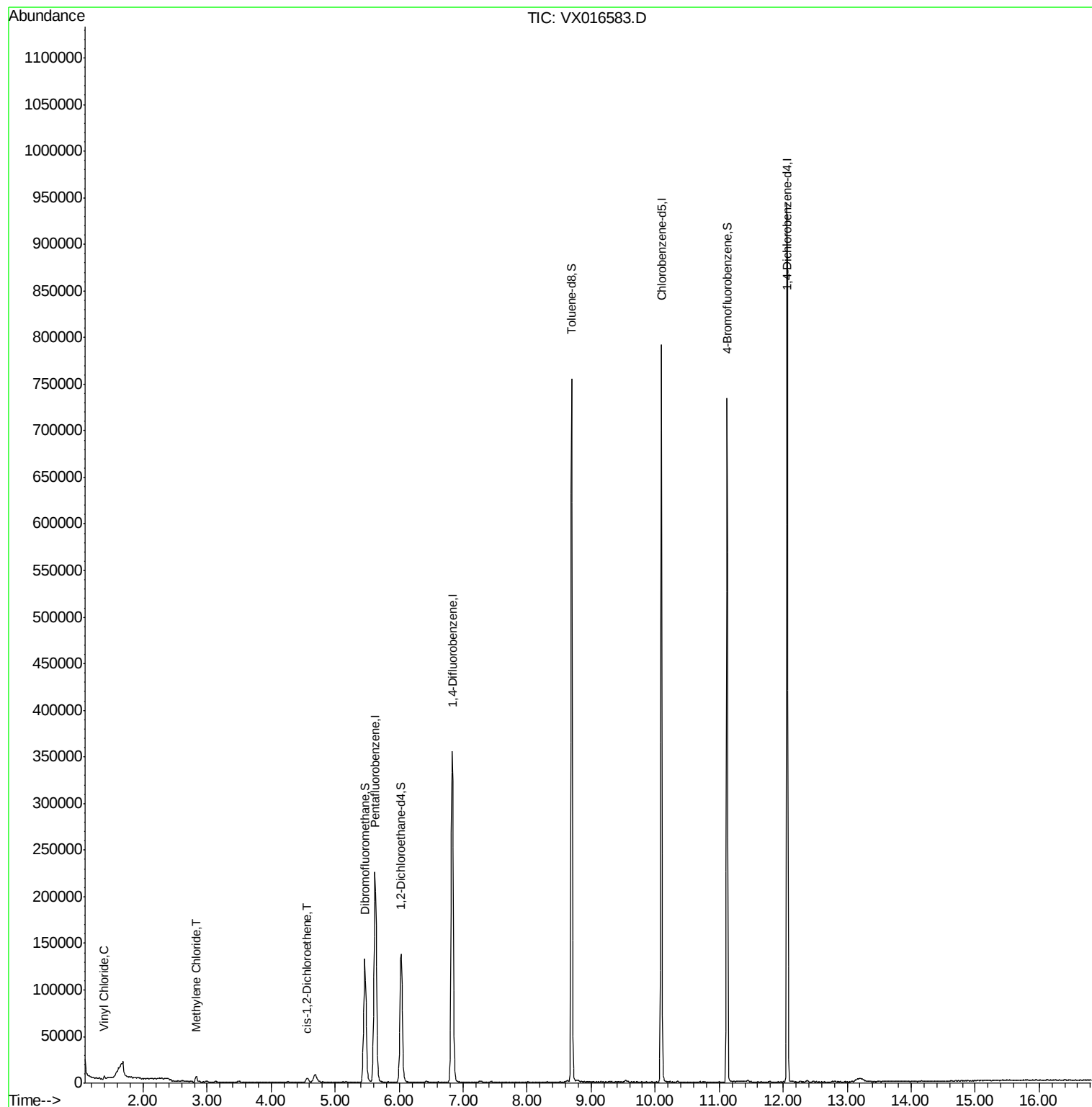
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135604	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.46	113	112762	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.70	98	443789	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.12	95	192333	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
Target Compounds						
4) Vinyl Chloride	1.39	62	1720	0.605	ug/l	97
20) Methylene Chloride	2.82	84	3030	1.191	ug/l #	94
27) cis-1,2-Dichloroethene	4.56	96	3263	1.172	ug/l	80

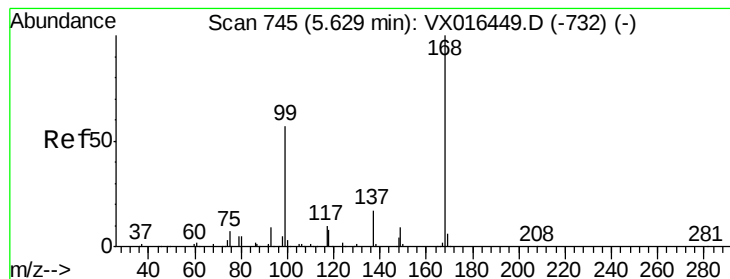
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 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: VX016583.D

Acq: 04 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

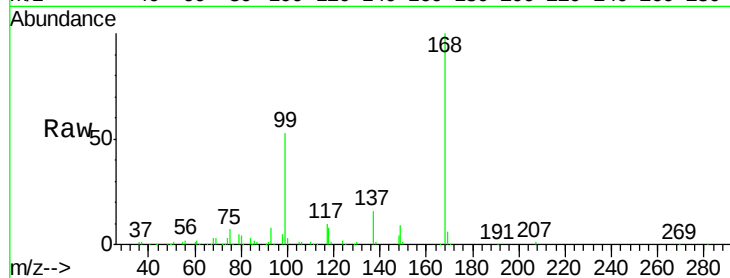
Z1-DUP-0566-200602

Tot Ion:168 Resp: 226043

Ion Ratio Lower Upper

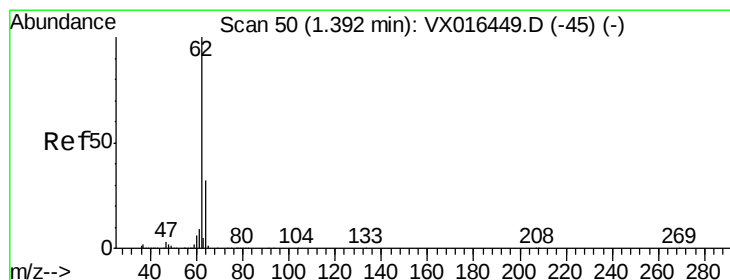
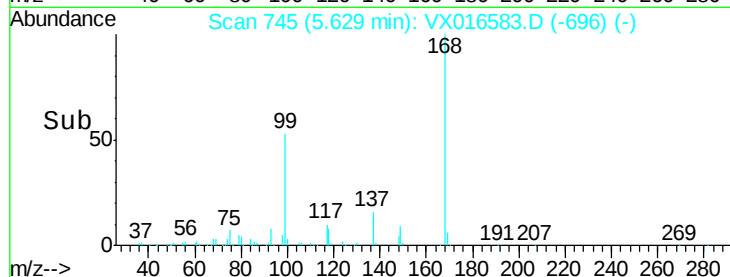
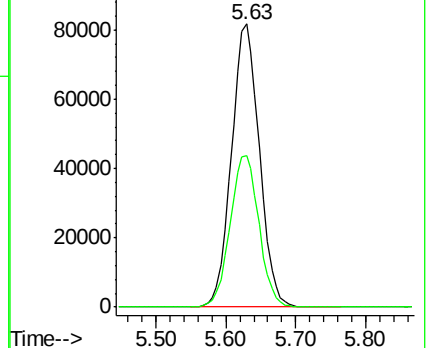
168 100

99 53.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.605 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016583.D

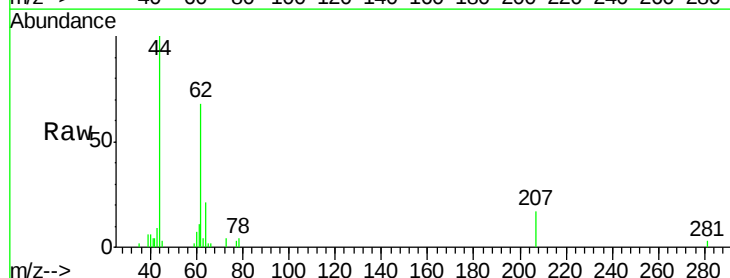
Acq: 04 Jun 2020 15:59

Tgt Ion: 62 Resp: 1720

Ion Ratio Lower Upper

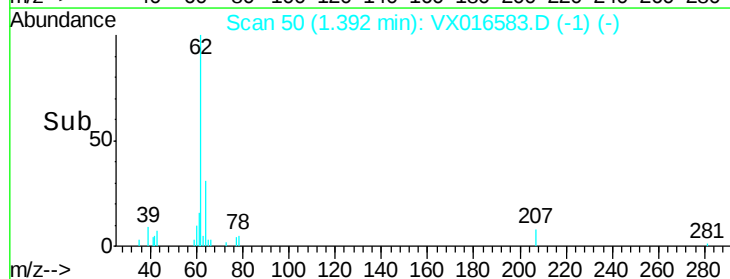
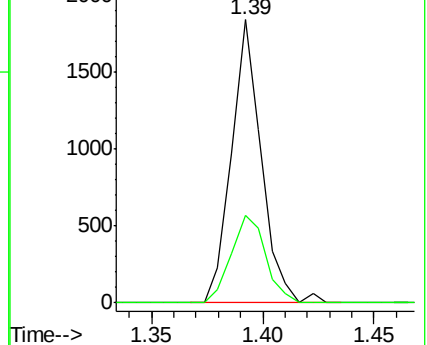
62 100

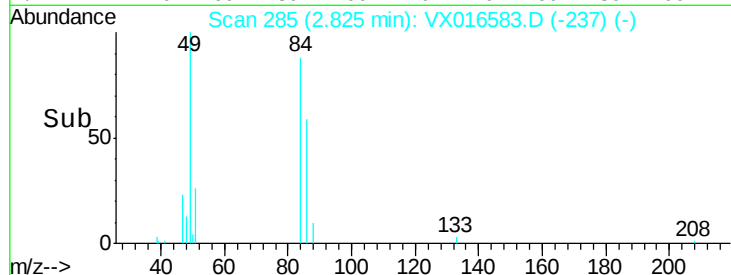
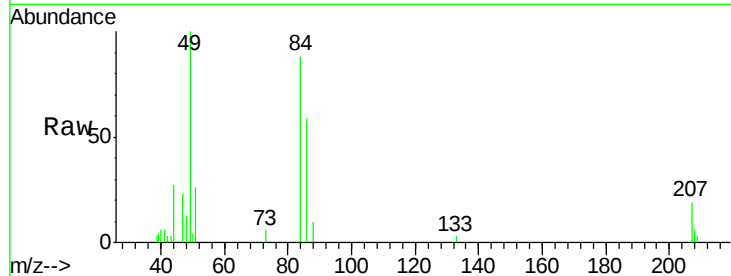
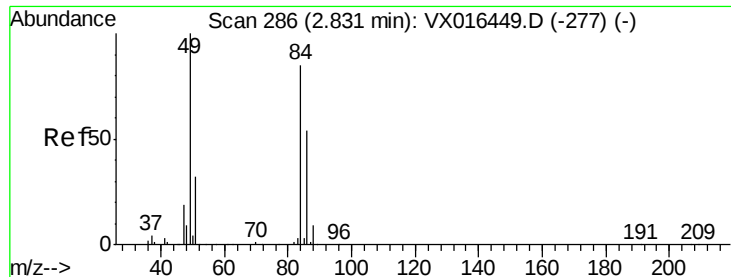
64 30.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

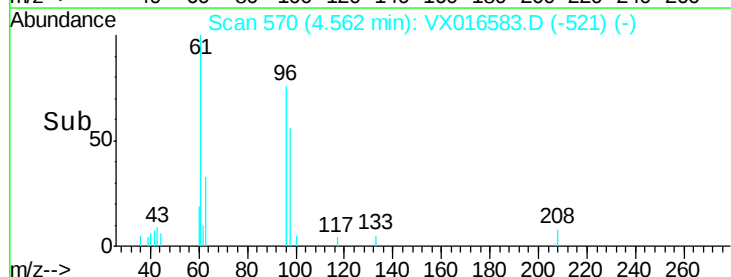
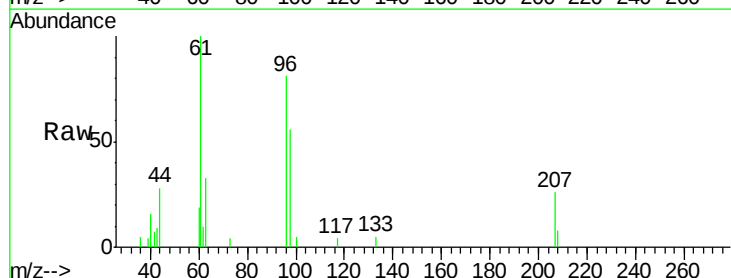
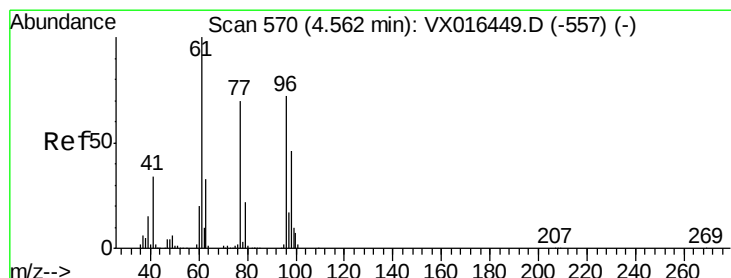
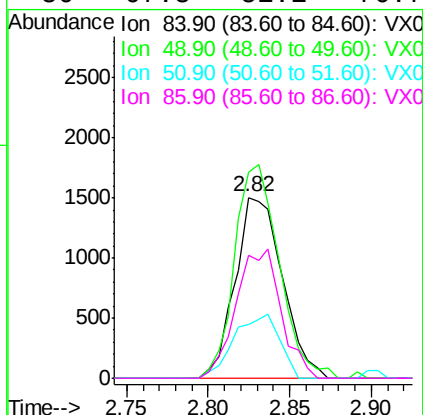




#20
Methylene Chloride
Concen: 1.191 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX016583.D
Acq: 04 Jun 2020 15:59

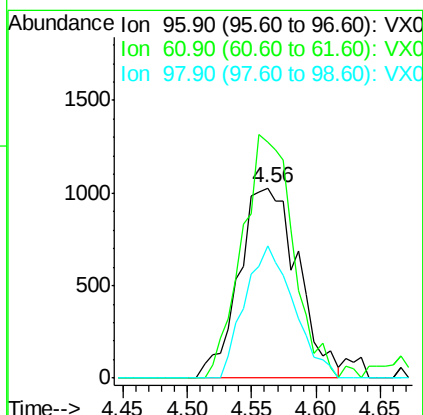
Instrument :
MSVOA_X
ClientSampleId :
Z1-DUP-0566-200602

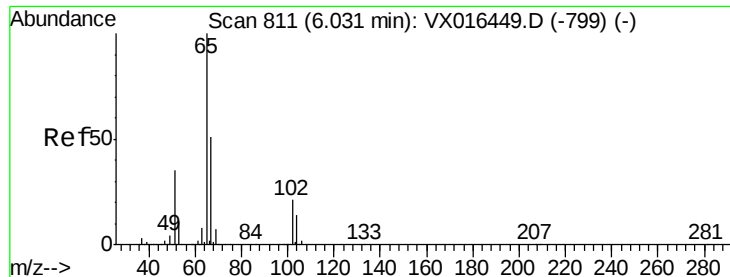
Tot Ion: 84 Resp: 3030
Ion Ratio Lower Upper
84 100
49 113.9 94.5 141.7
51 29.6 30.2 45.4#
86 67.8 51.1 76.7



#27
cis-1,2-Dichloroethene
Concen: 1.172 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016583.D
Acq: 04 Jun 2020 15:59

Tgt Ion: 96 Resp: 3263
Ion Ratio Lower Upper
96 100
61 110.7 0.0 284.6
98 57.5 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 48.306 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016583.D

Acq: 04 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

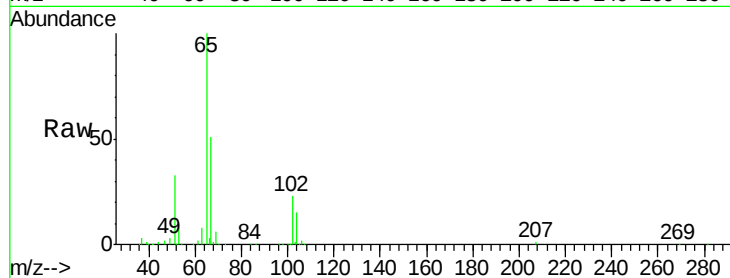
Z1-DUP-0566-200602

Tot Ion: 65 Resp: 135604

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

30000

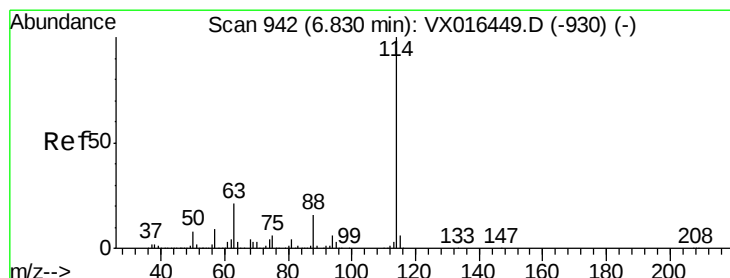
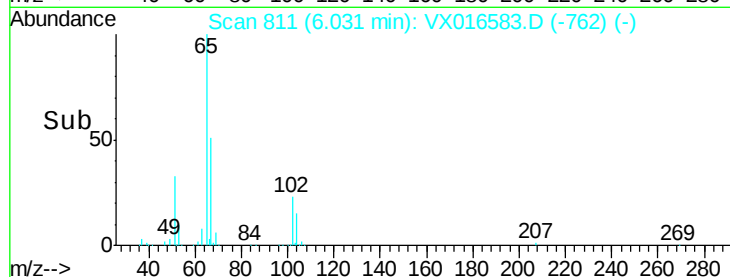
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016583.D

Acq: 04 Jun 2020 15:59

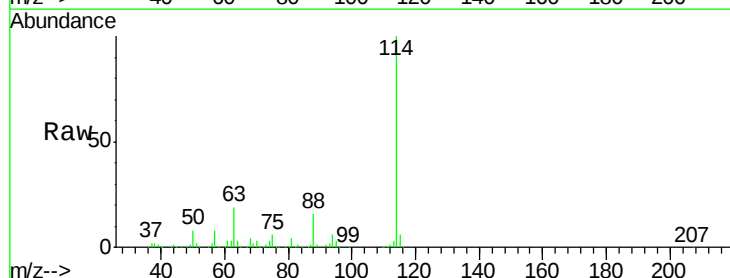
Tgt Ion: 114 Resp: 366323

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 16.2 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

200000

150000

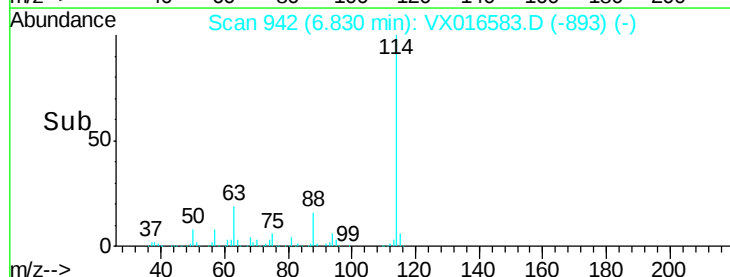
100000

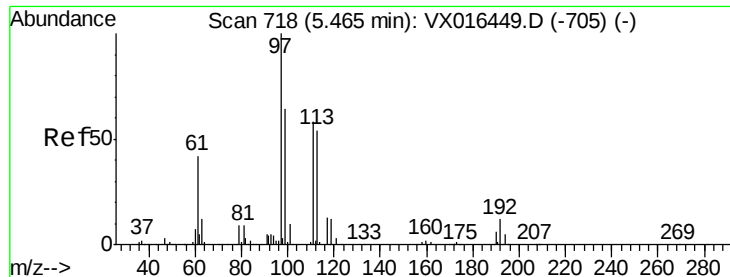
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.992 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016583.D

Acq: 04 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0566-200602

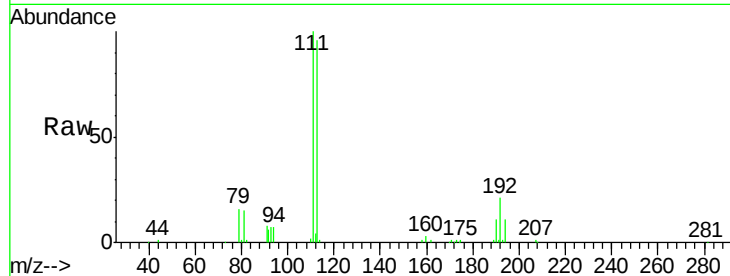
Tot Ion:113 Resp: 112762

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

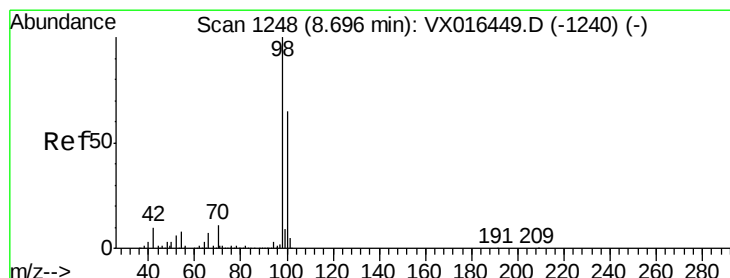
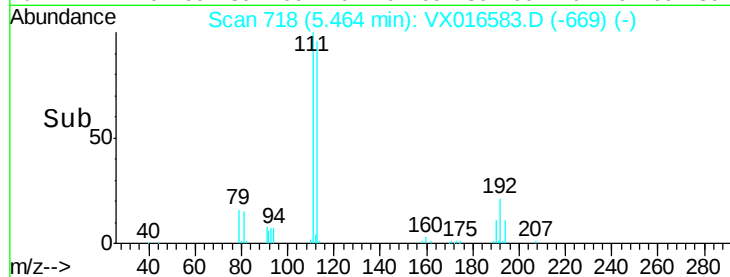
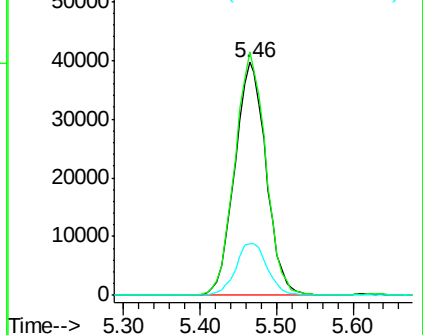
192 22.4 17.7 26.5



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: 50.549 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016583.D

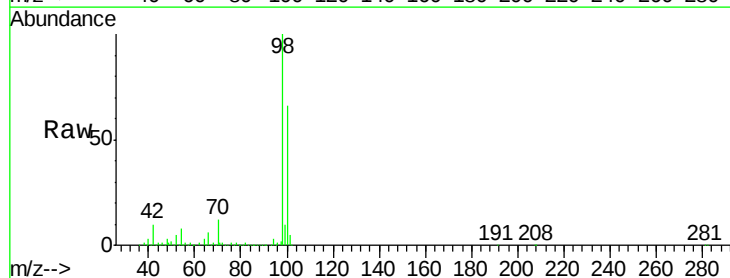
Acq: 04 Jun 2020 15:59

Tgt Ion: 98 Resp: 443789

Ion Ratio Lower Upper

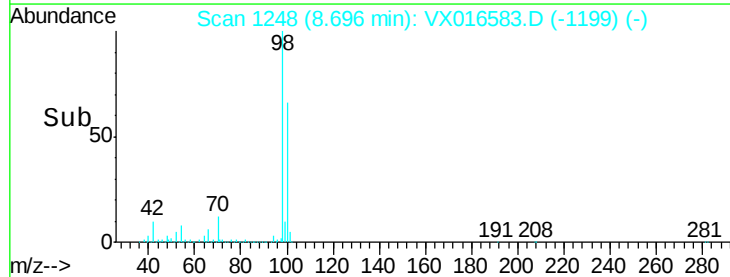
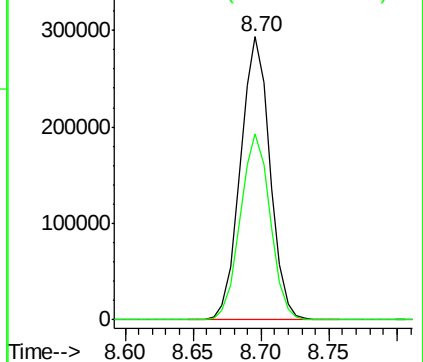
98 100

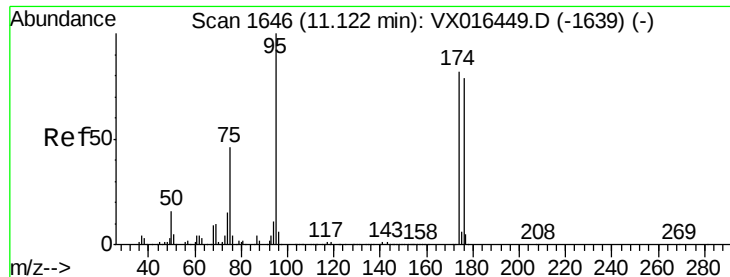
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.697 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016583.D

Acq: 04 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0566-200602

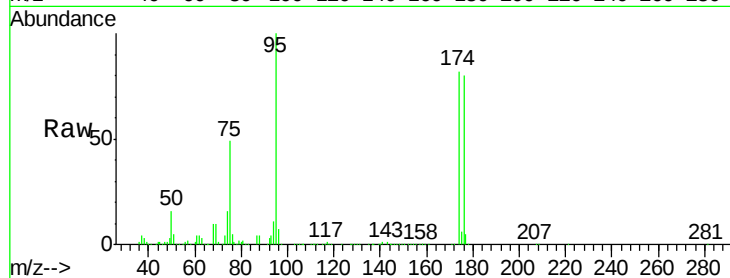
Tot Ion: 95 Resp: 192333

Ion Ratio Lower Upper

95 100

174 82.4 0.0 163.0

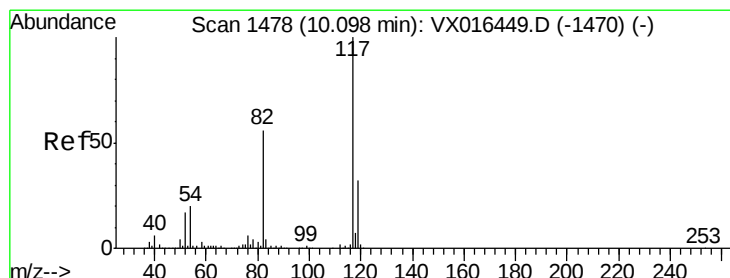
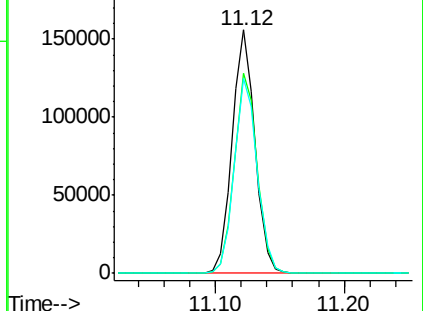
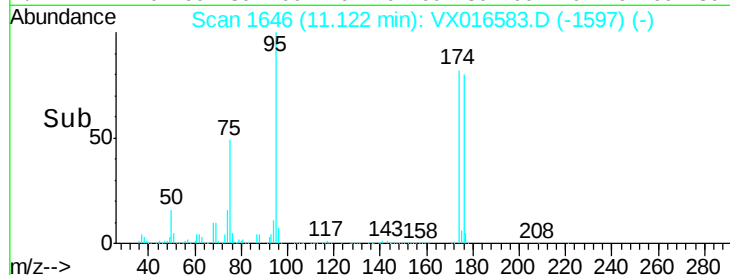
176 80.8 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016583.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016583.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016583.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016583.D

Acq: 04 Jun 2020 15:59

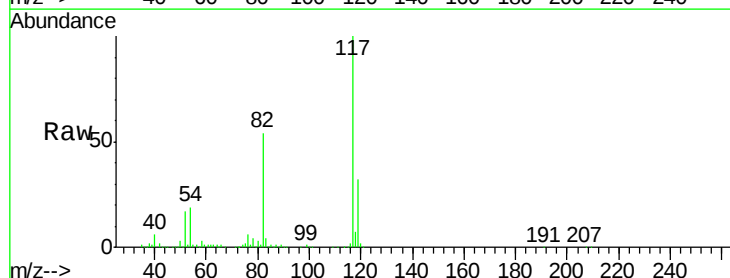
Tgt Ion: 117 Resp: 366810

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.6

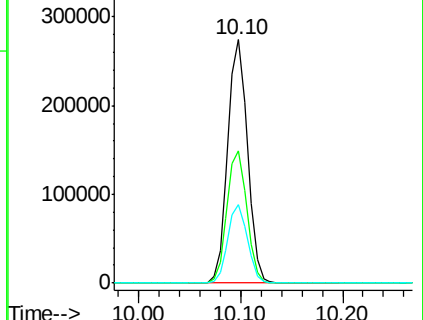
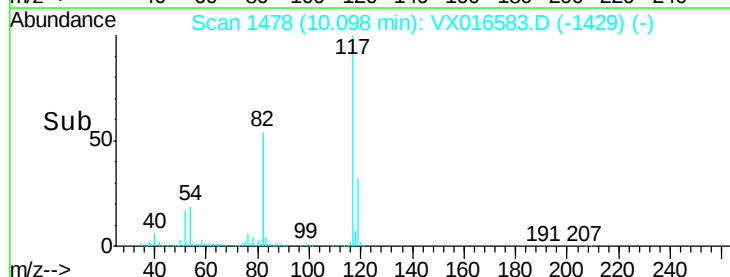
119 32.4 25.8 38.8

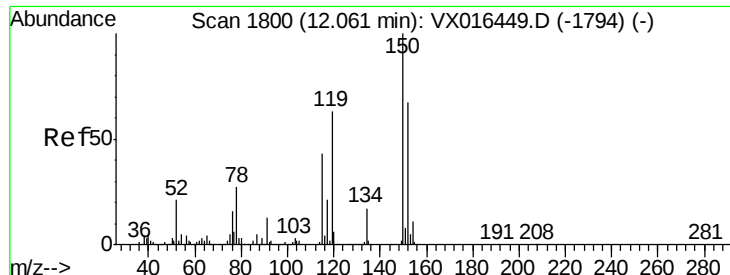


Abundance Ion 116.90 (116.60 to 117.60): VX016583.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016583.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016583.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: VX016583.D

Acq: 04 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0566-200602

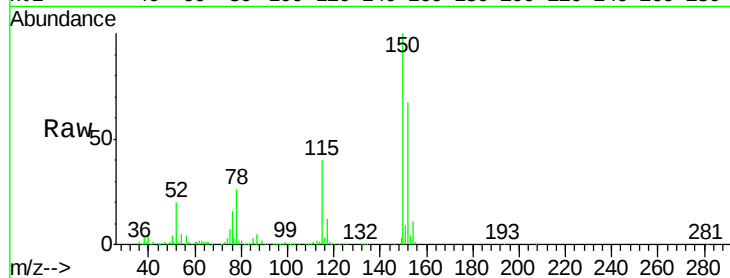
Tot Ion:152 Resp: 203822

Ion Ratio Lower Upper

152 100

115 58.7 39.9 119.6

150 153.8 0.0 341.0



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

