

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011848.D
 Acq On : 27 Aug 2019 14:30
 Operator : JC/SP
 Sample : K4537-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DL

Quant Time: Aug 28 03:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

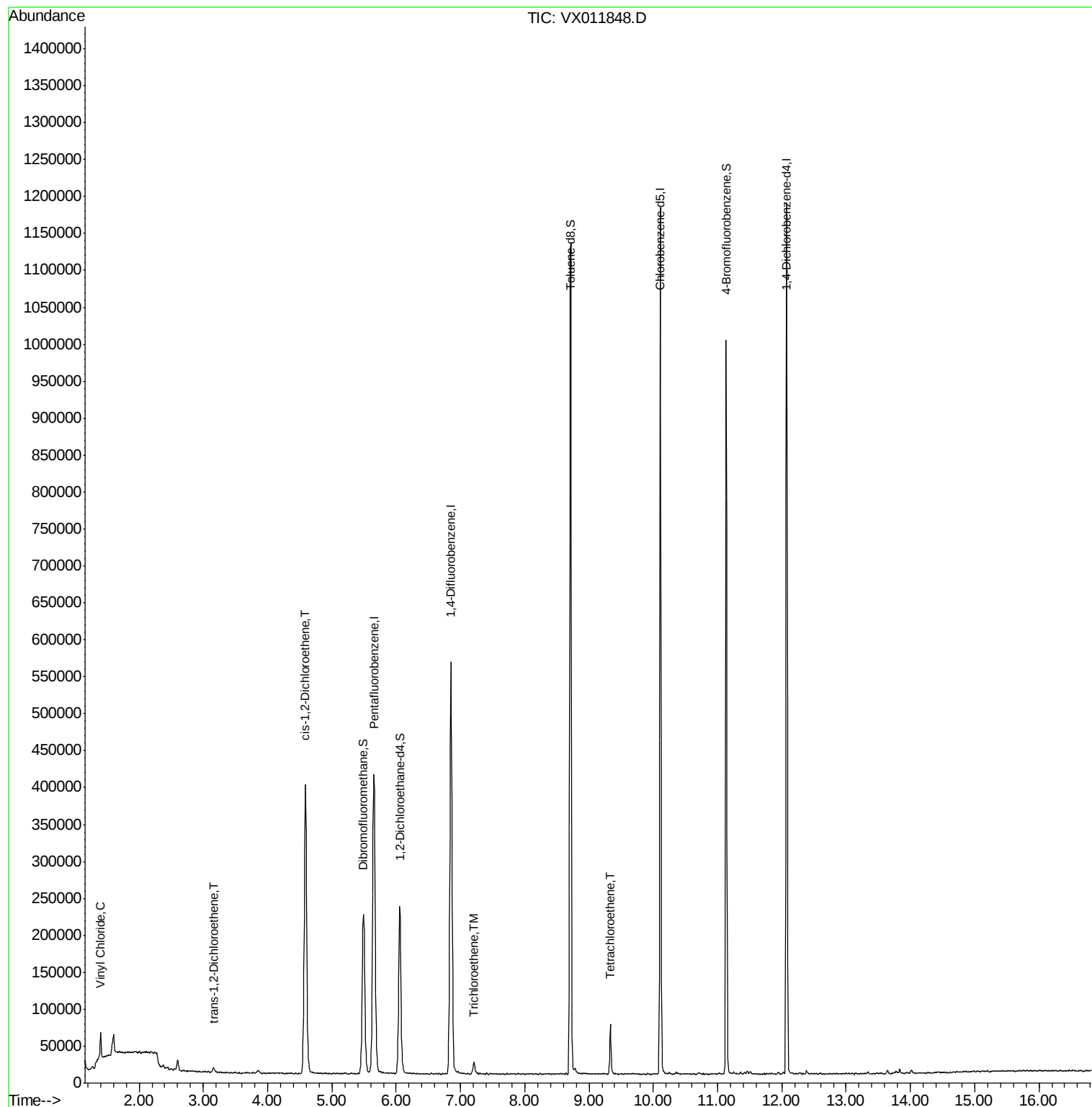
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214125	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.49	113	180801	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	671410	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	246171	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
4) Vinyl Chloride	1.40	62	22366	6.395	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	2612	0.721	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	250618	60.306	ug/l	95
44) Trichloroethene	7.21	130	6638	1.521	ug/l	94
64) Tetrachloroethene	9.34	164	14643	3.543	ug/l	99

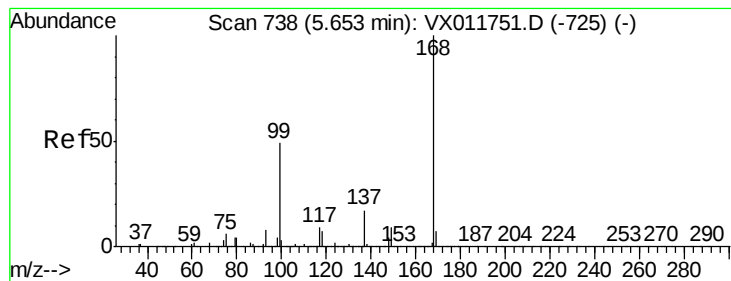
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

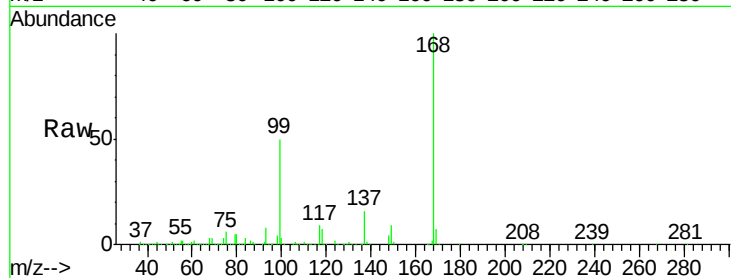
MW-14DL

Tot Ion:168 Resp: 427451

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

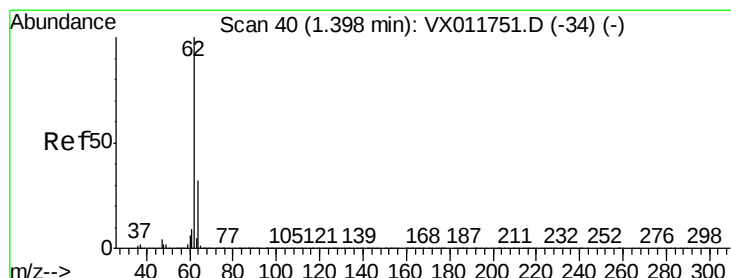
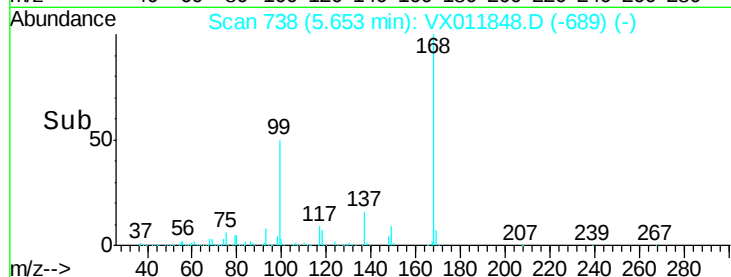
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 6.395 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011848.D

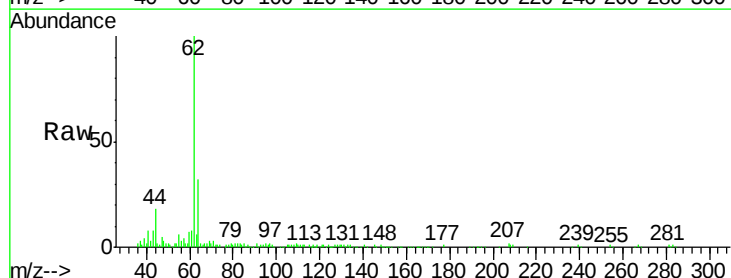
Acq: 27 Aug 2019 14:30

Tgt Ion: 62 Resp: 22366

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

20000

15000

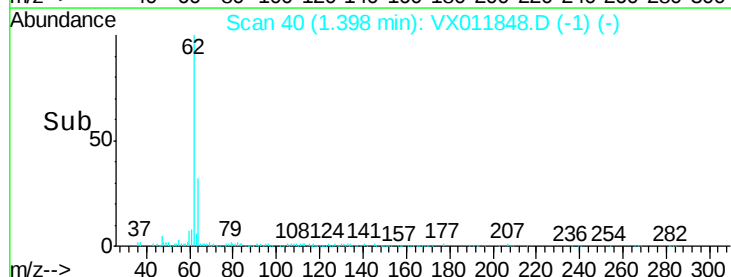
10000

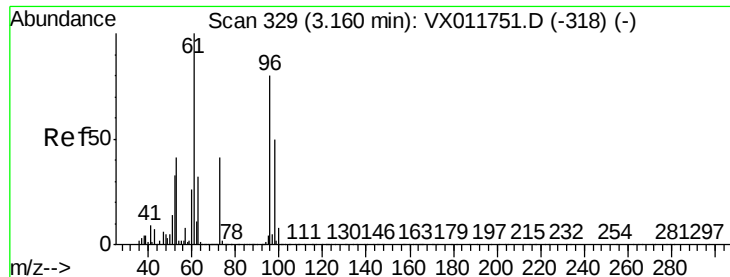
5000

0

1.35 1.40 1.45

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.721 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

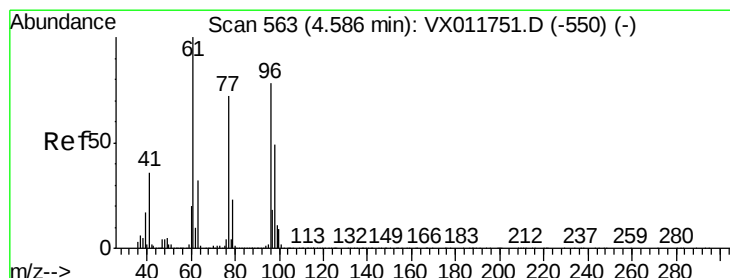
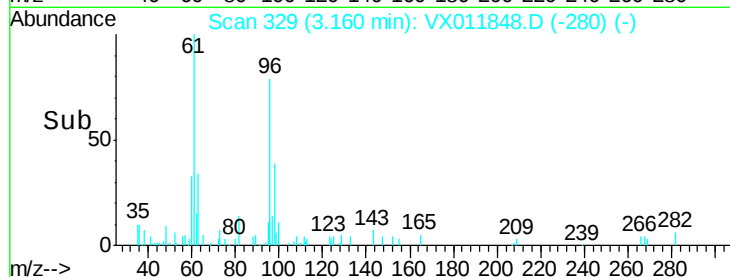
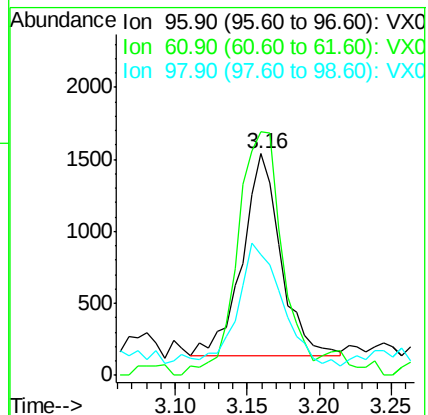
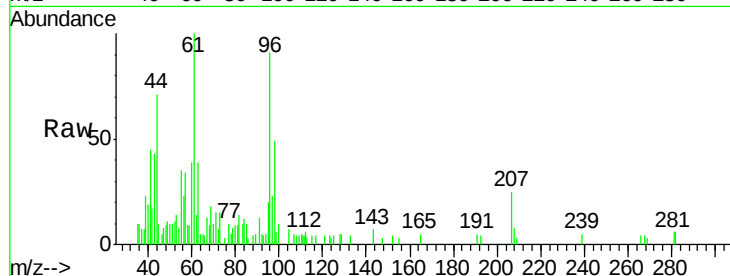
Tot Ion: 96 Resp: 2612

Ion Ratio Lower Upper

96 100

61 115.8 99.8 149.8

98 54.6 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 60.306 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

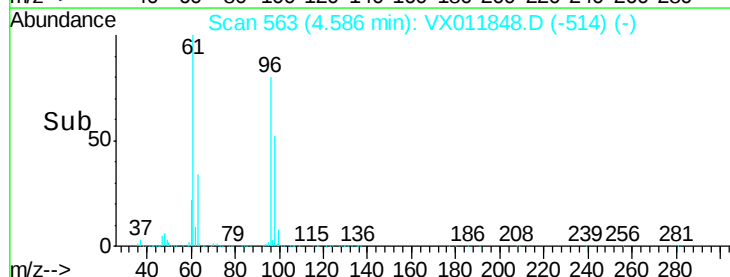
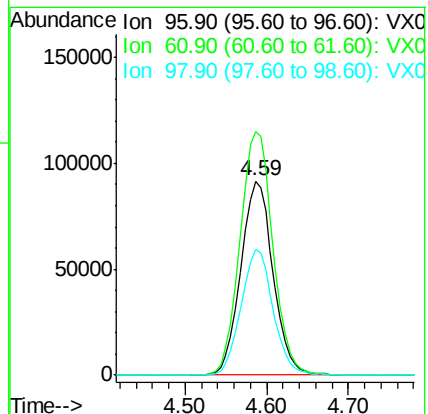
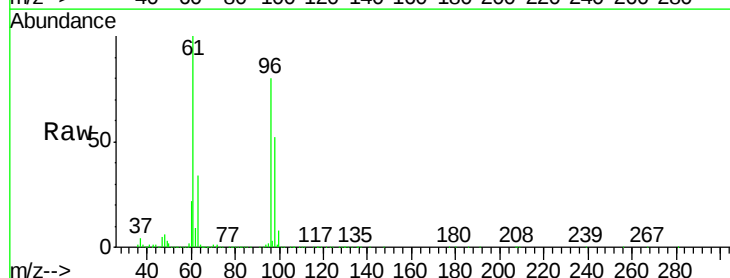
Tgt Ion: 96 Resp: 250618

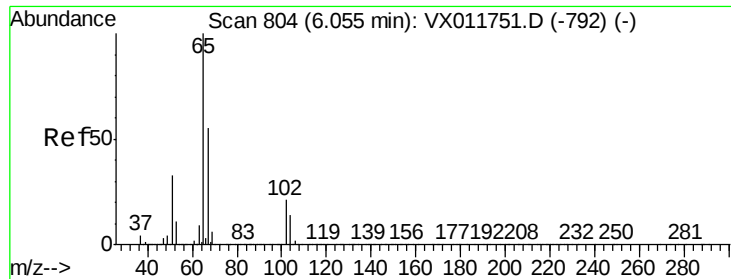
Ion Ratio Lower Upper

96 100

61 128.3 0.0 275.8

98 64.1 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 49.866 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

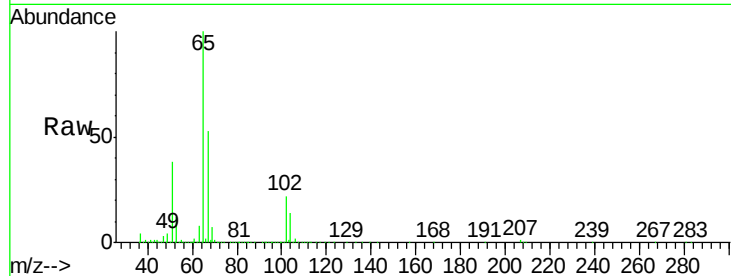
MW-14DL

Tot Ion: 65 Resp: 214125

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

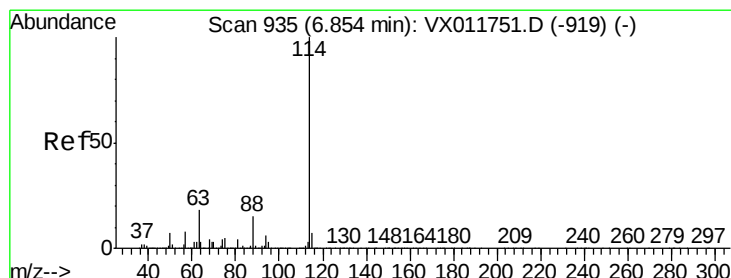
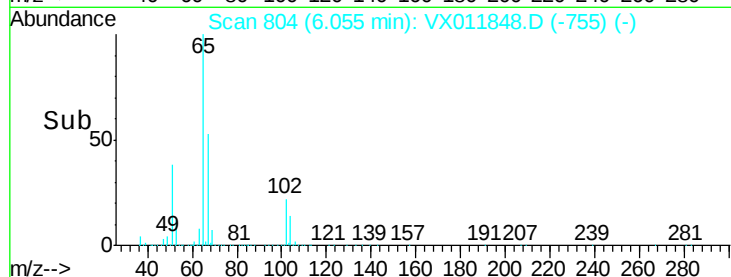
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

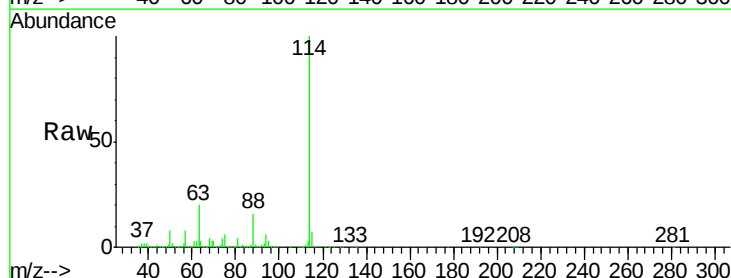
Tgt Ion: 114 Resp: 583773

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 16.5 0.0 30.2



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

6.85

300000

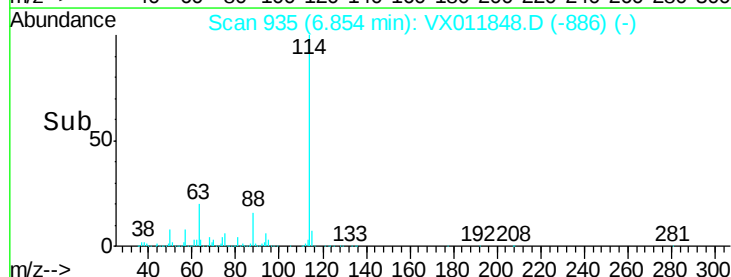
200000

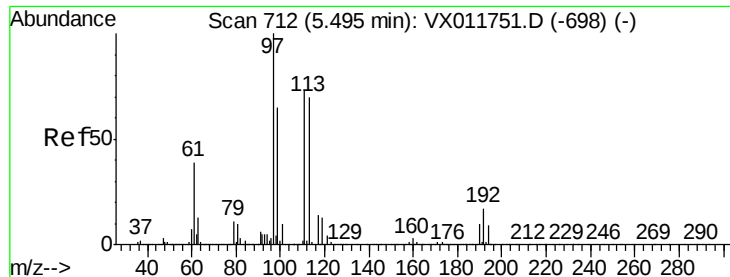
100000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 47.895 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

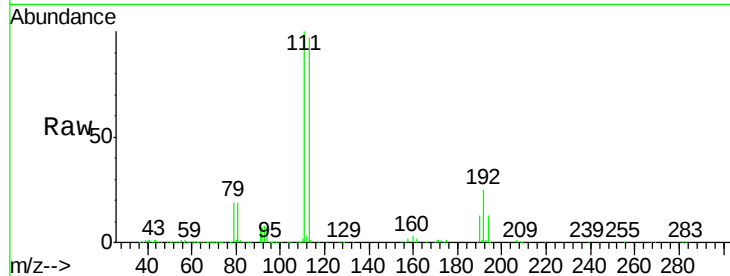
Tot Ion:113 Resp: 180801

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

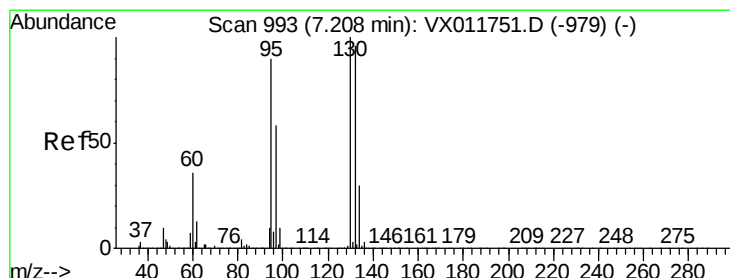
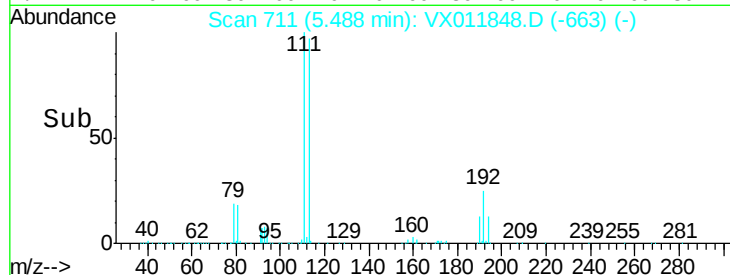
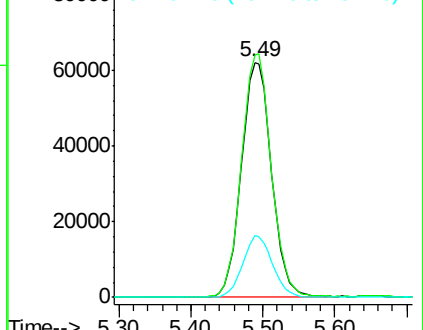
192 25.8 19.9 29.9



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



#44

Trichloroethene

Concen: 1.521 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011848.D

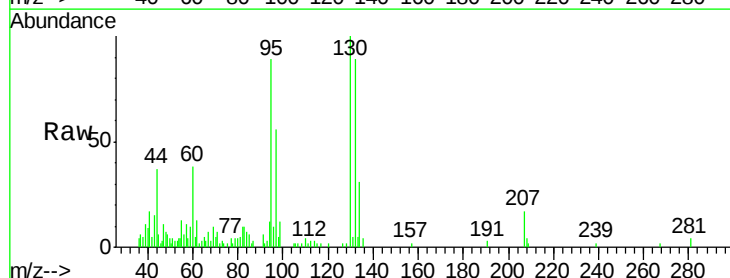
Acq: 27 Aug 2019 14:30

Tgt Ion:130 Resp: 6638

Ion Ratio Lower Upper

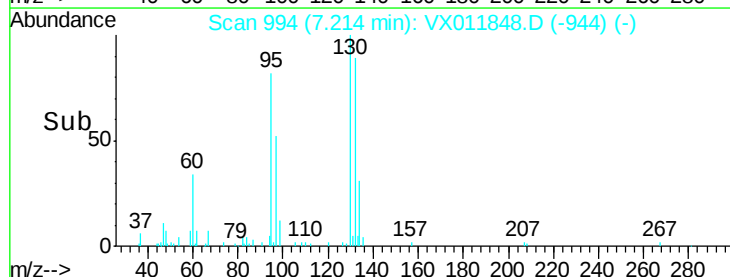
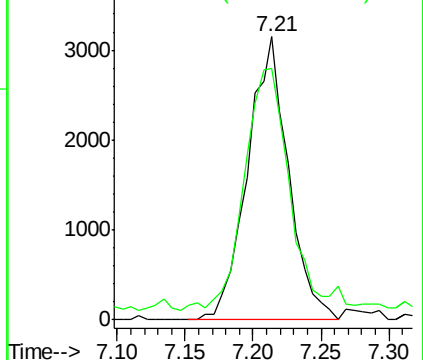
130 100

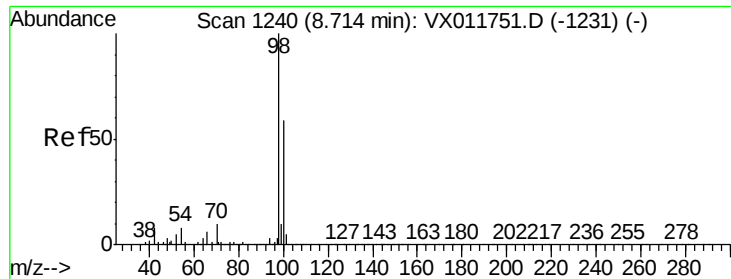
95 83.6 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

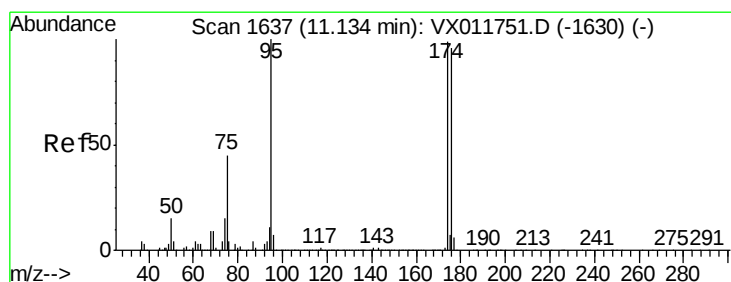
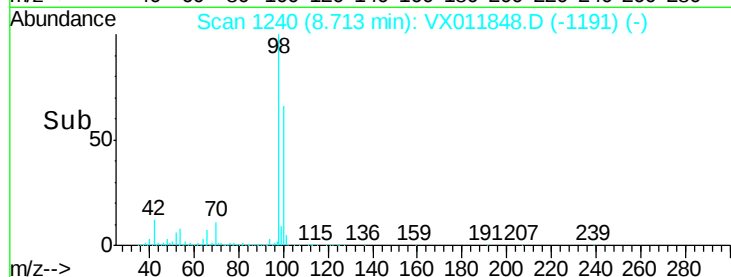
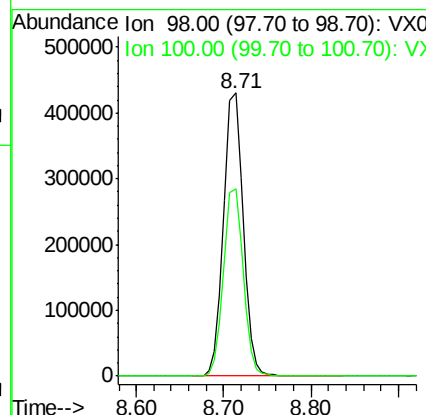
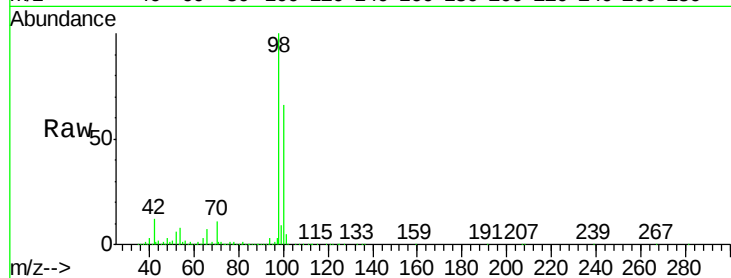




#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

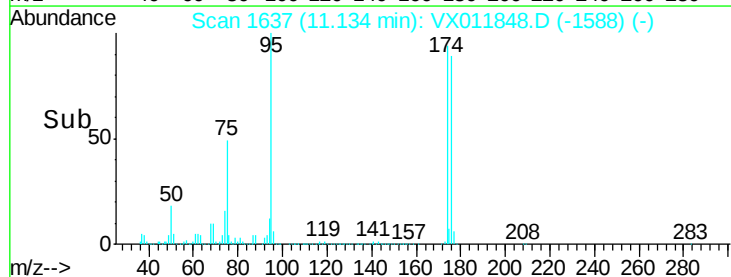
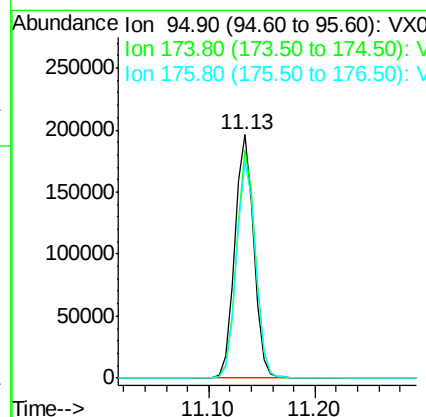
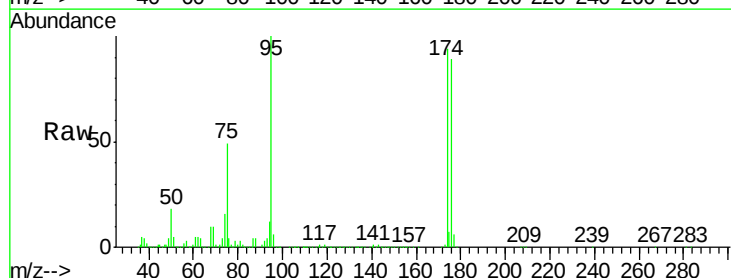
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

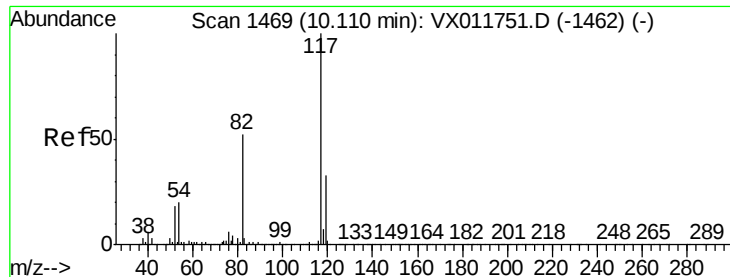
Tot Ion: 98 Resp: 671410
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.301 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 95 Resp: 246171
Ion Ratio Lower Upper
95 100
174 93.3 0.0 197.4
176 89.7 0.0 194.4

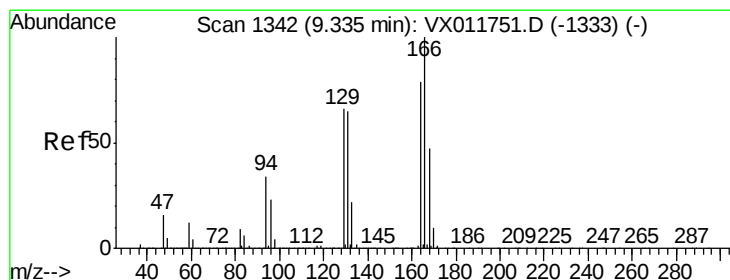
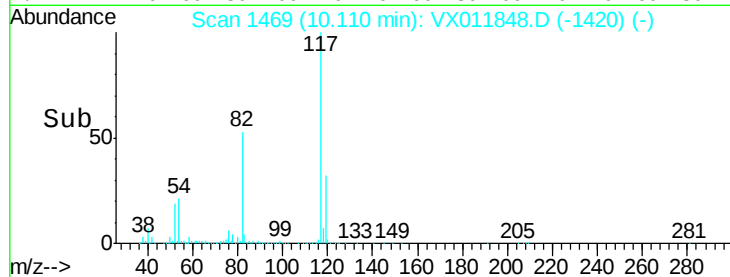
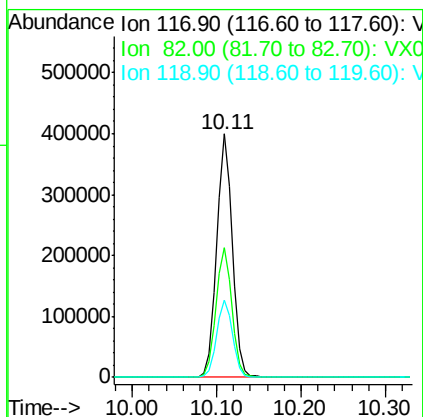
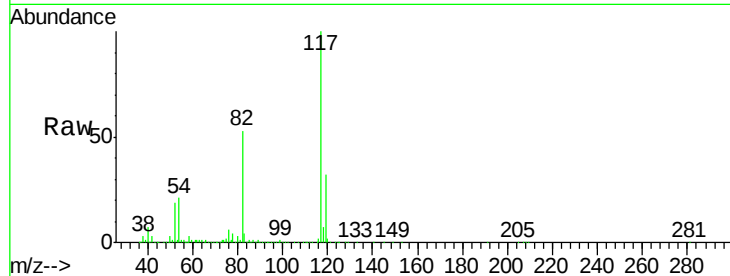




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

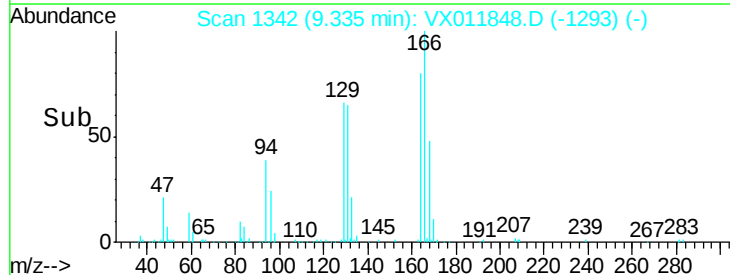
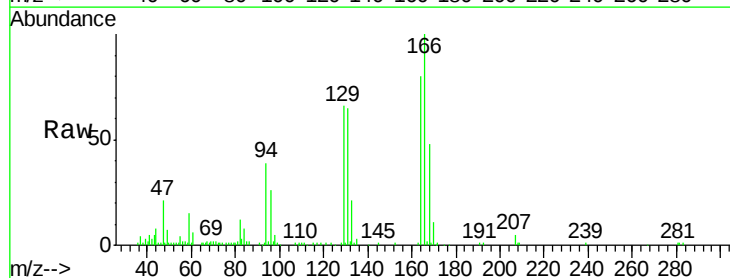
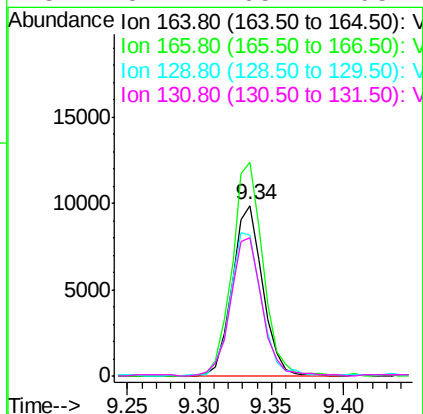
Instrument :
MSVOA_X
ClientSampled :
MW-14DL

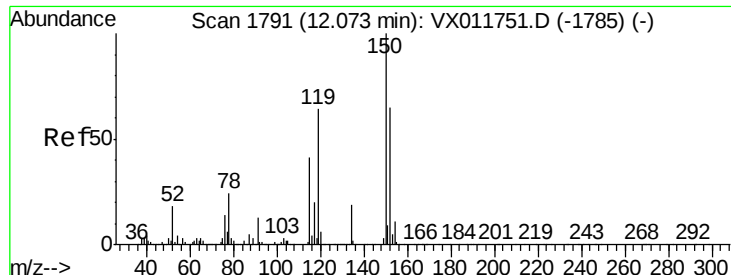
Tot Ion:117 Resp: 518115
Ion Ratio Lower Upper
117 100
82 53.1 41.7 62.5
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 3.543 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:164 Resp: 14643
Ion Ratio Lower Upper
164 100
166 125.0 100.7 151.1
129 82.0 66.8 100.2
131 81.2 65.4 98.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011848.D

Acq: 27 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

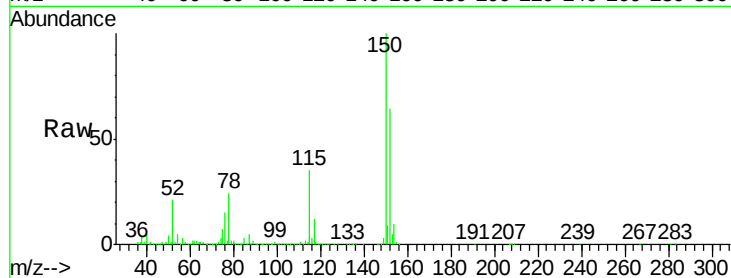
Tot Ion:152 Resp: 253051

Ion Ratio Lower Upper

152 100

115 53.9 37.3 111.8

150 154.4 0.0 343.0



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

