

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004412.D
 Acq On : 07 Sep 2018 17:25
 Operator : JC/MD
 Sample : J4812-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Sep 08 04:14:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	483573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	219446	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	5.50	113	194344	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.72	98	721988	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	258452	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	

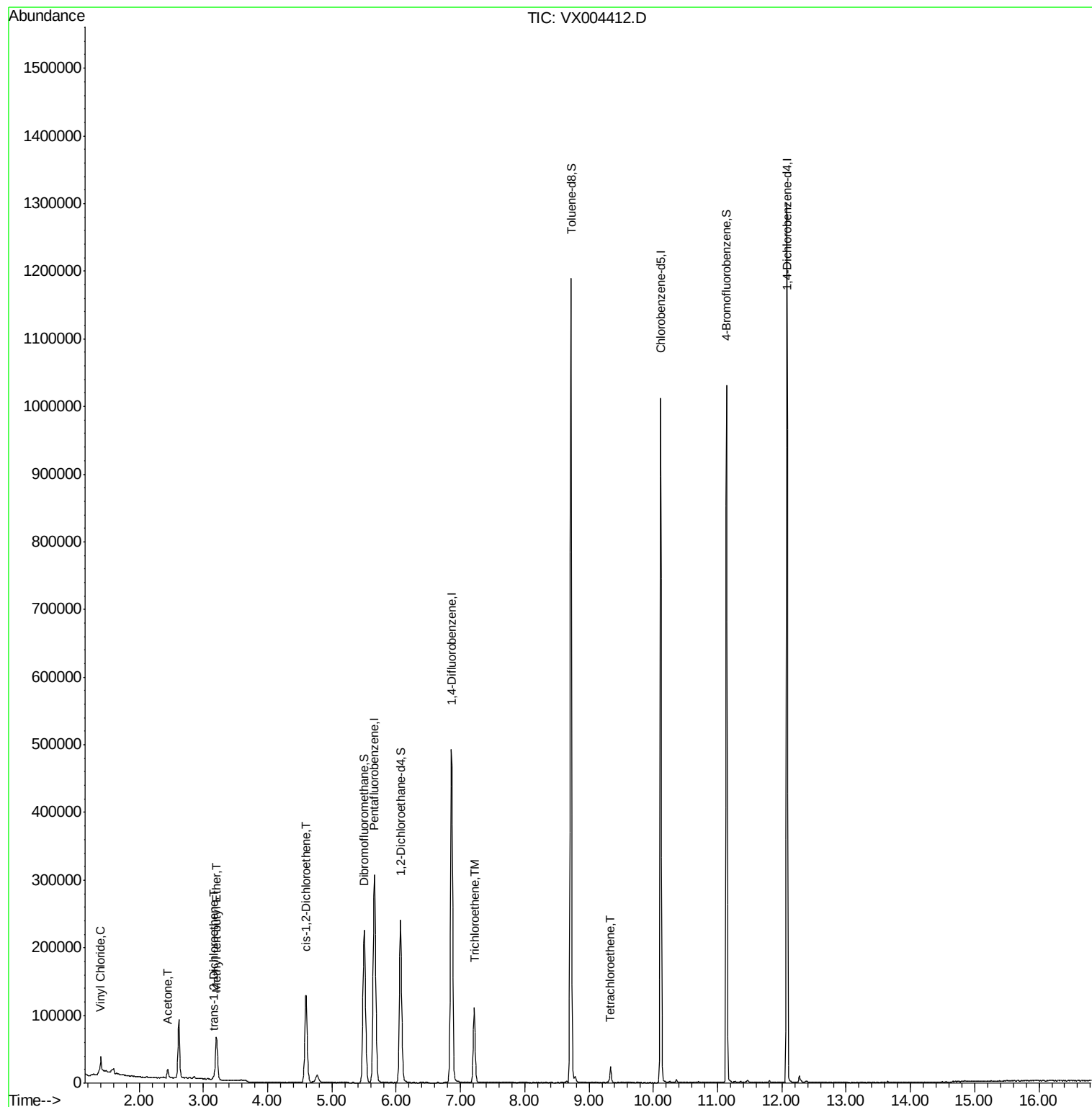
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	12187	2.89	ug/l	# 83
16) Acetone	2.45	43	14357	0.31	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	70425	6.26	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	1326	0.35	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	86360	20.14	ug/l	89
44) Trichloroethene	7.21	130	45536	9.61	ug/l	98
64) Tetrachloroethene	9.34	164	4822	1.01	ug/l	96

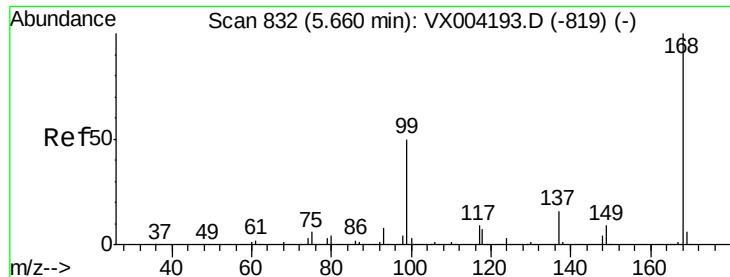
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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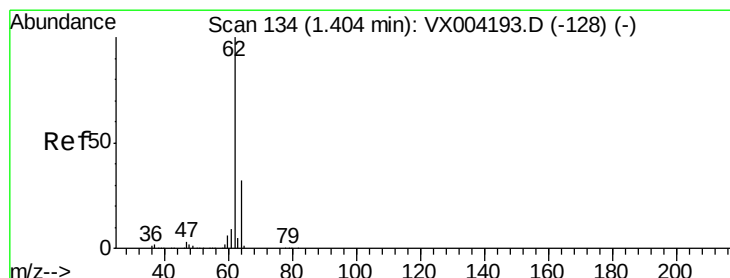
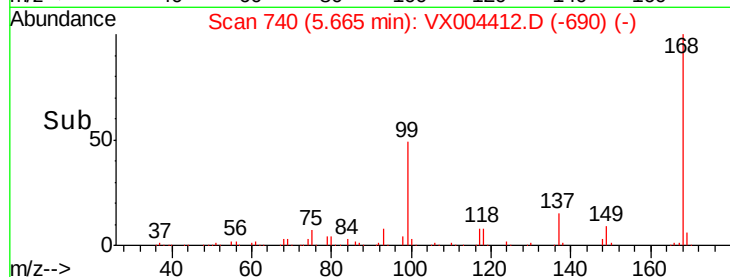
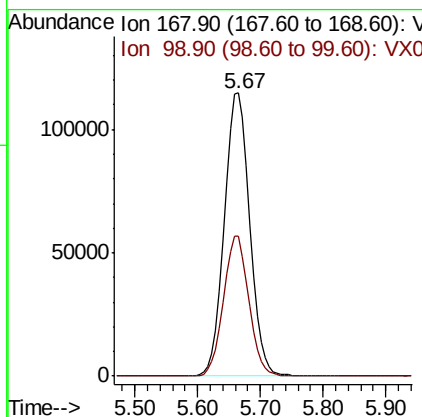
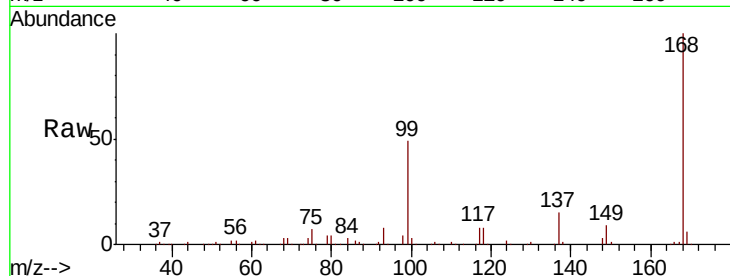




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004412.D
Acq: 07 Sep 2018 17:25

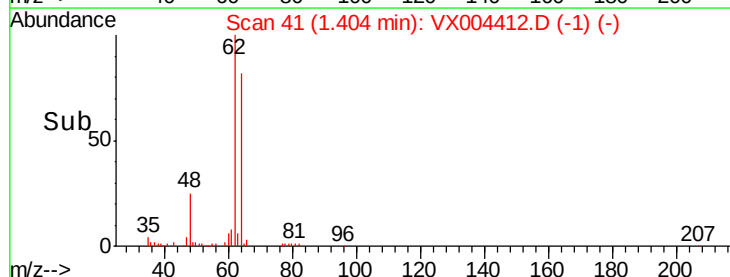
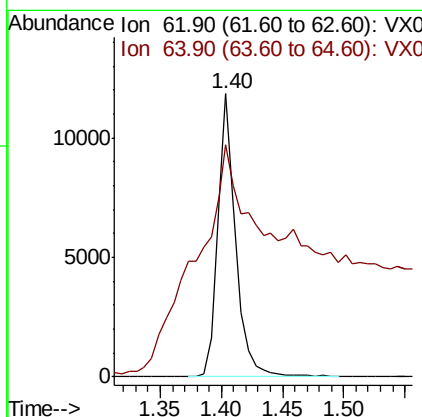
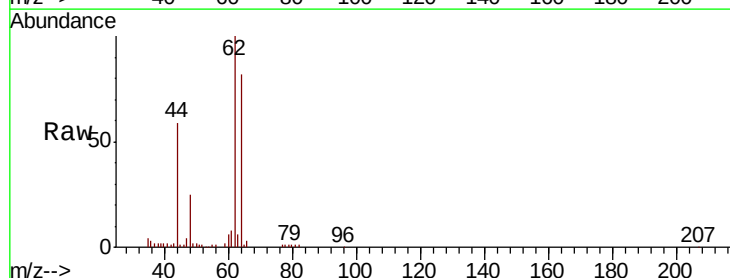
Instrument :
MSVOA_X
ClientSampleId :
MW-6

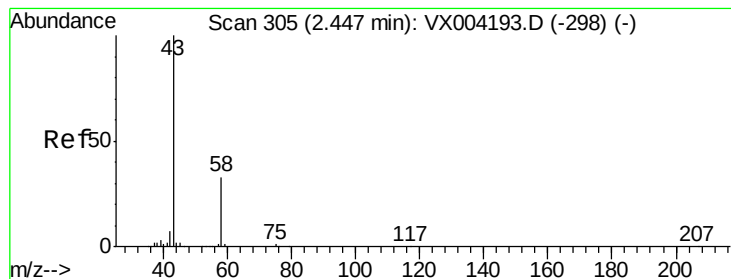
Tot Ion:168 Resp: 322360
Ion Ratio Lower Upper
168 100
99 49.4 39.9 59.9



#4
Vinyl Chloride
Concen: 2.89 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004412.D
Acq: 07 Sep 2018 17:25

Tgt Ion: 62 Resp: 12187
Ion Ratio Lower Upper
62 100
64 41.8 25.8 38.8#





#16

Acetone

Concen: 0.31 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

Instrument :

MSVOA_X

ClientSampled :

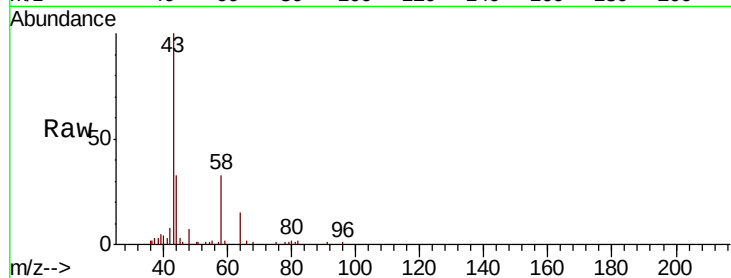
MW-6

Tot Ion: 43 Resp: 14357

Ion Ratio Lower Upper

43 100

58 33.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

4000

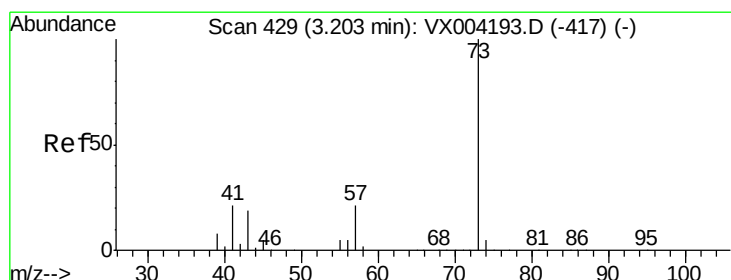
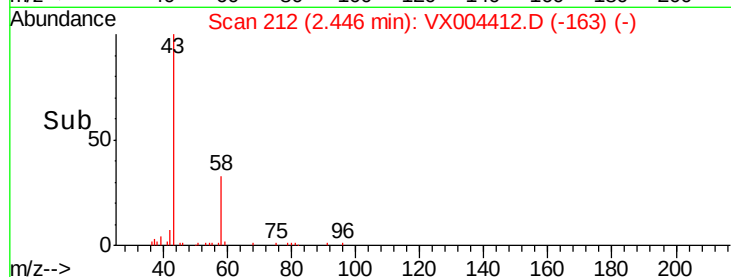
2000

0

Time-->

2.40

2.50



#19

Methyl tert-butyl Ether

Concen: 6.26 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004412.D

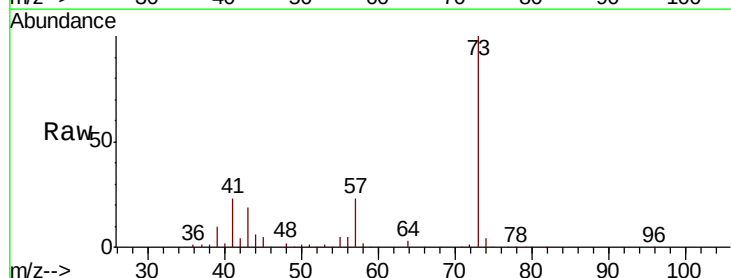
Acq: 07 Sep 2018 17:25

Tgt Ion: 73 Resp: 70425

Ion Ratio Lower Upper

73 100

57 23.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

30000

20000

10000

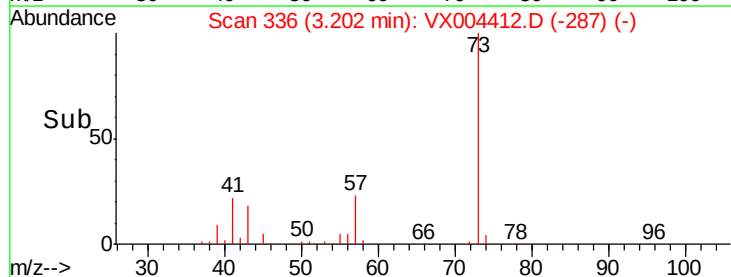
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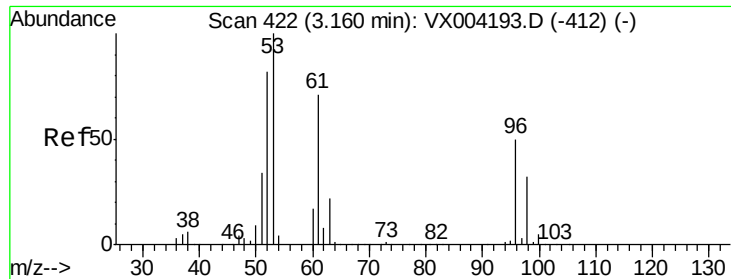
Time-->

3.10

3.20

3.30





#21

trans-1,2-Dichloroethene

Concen: 0.35 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-6

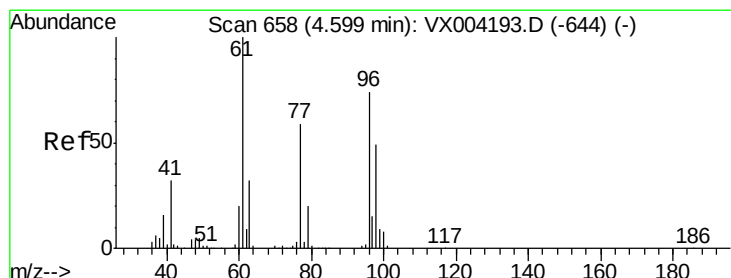
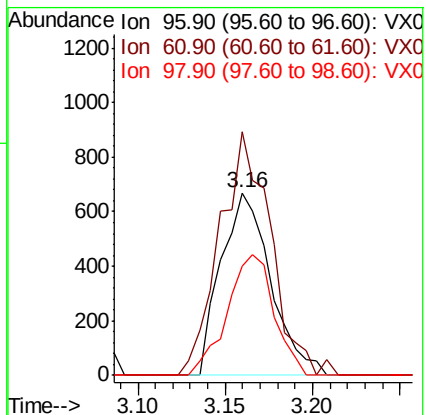
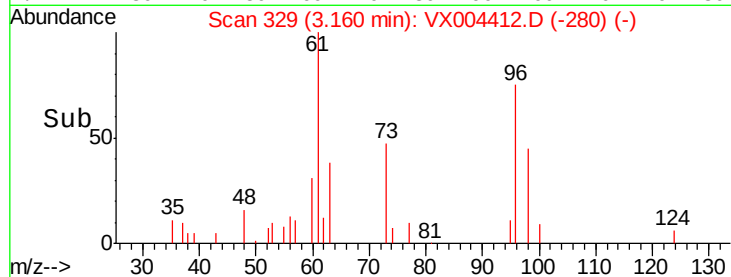
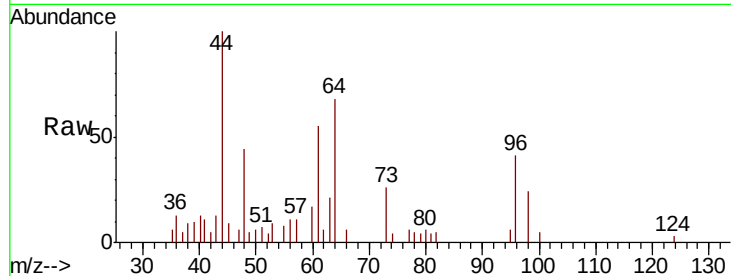
Tot Ion: 96 Resp: 1326

Ion Ratio Lower Upper

96 100

61 133.7 113.8 170.6

98 59.9 51.8 77.8



#27

cis-1,2-Dichloroethene

Concen: 20.14 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

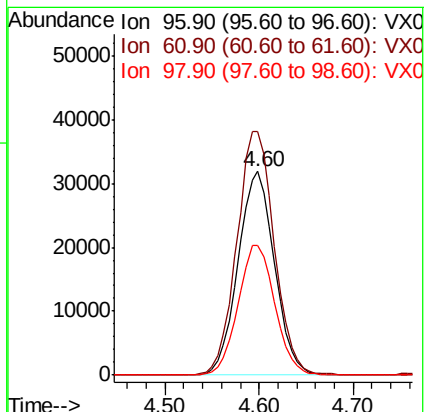
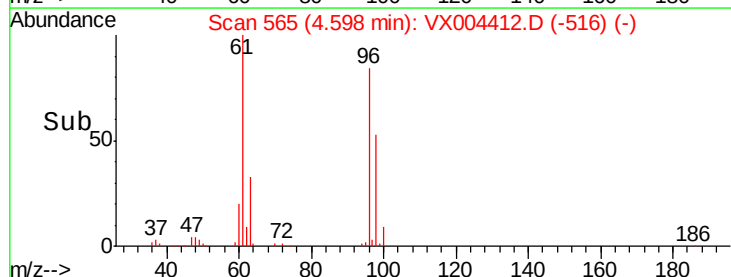
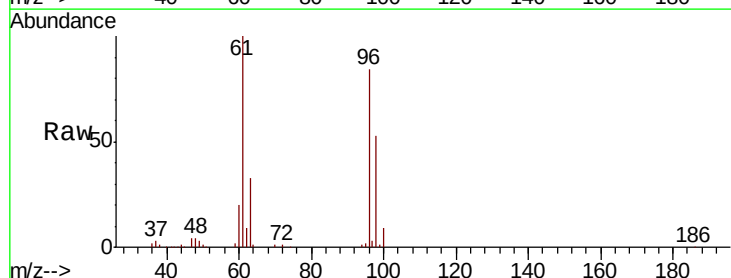
Tgt Ion: 96 Resp: 86360

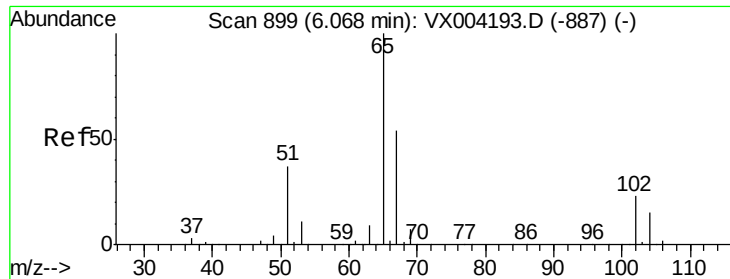
Ion Ratio Lower Upper

96 100

61 122.9 0.0 282.6

98 64.4 0.0 130.2

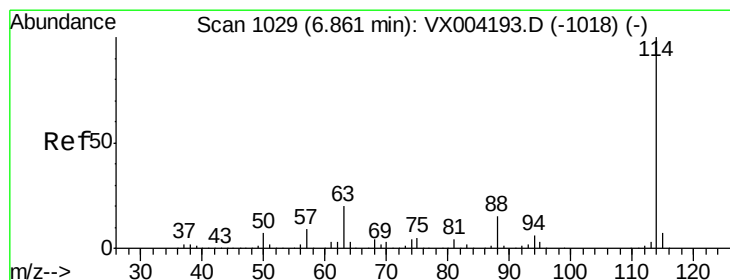
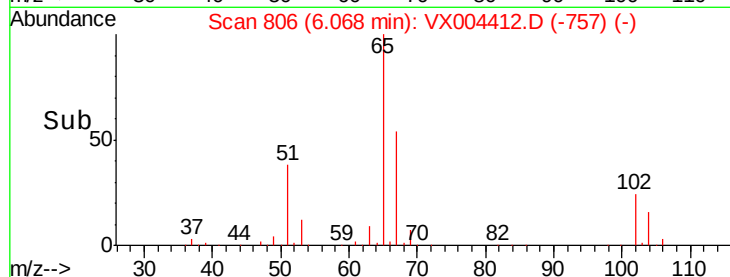
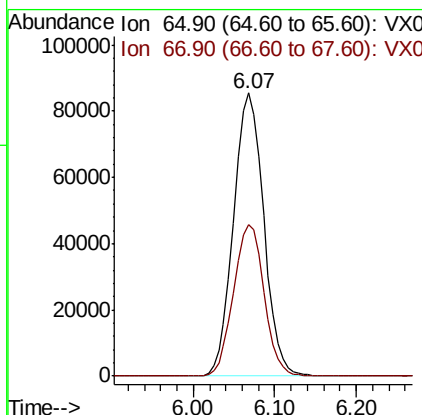
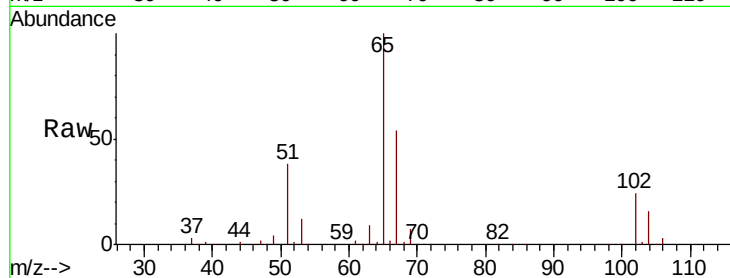




#33
 1,2-Dichloroethane-d4
 Concen: 52.23 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004412.D
 Acq: 07 Sep 2018 17:25

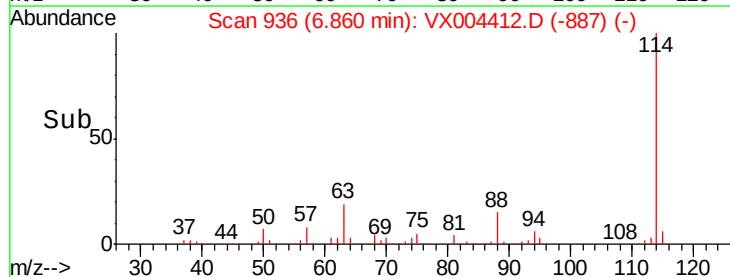
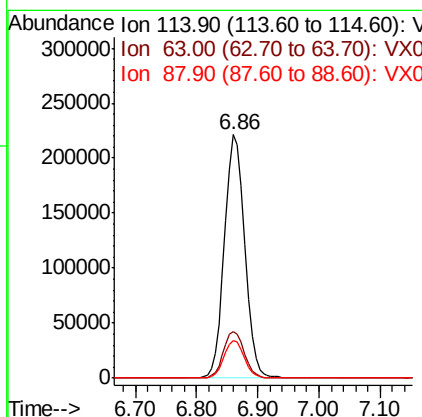
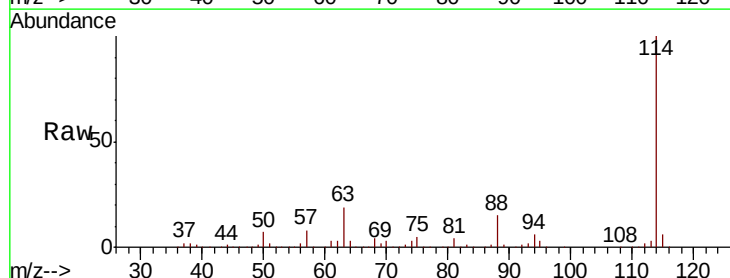
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

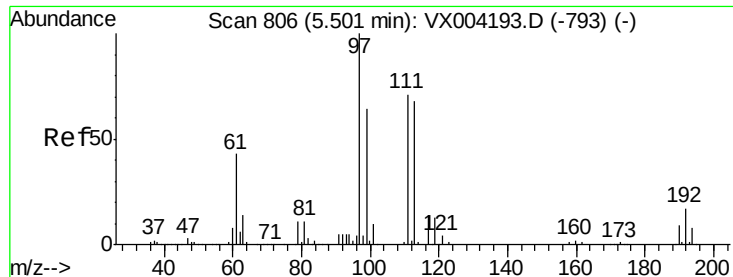
Tot Ion: 65 Resp: 219446
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004412.D
 Acq: 07 Sep 2018 17:25

Tgt Ion: 114 Resp: 509387
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.2 0.0 30.4

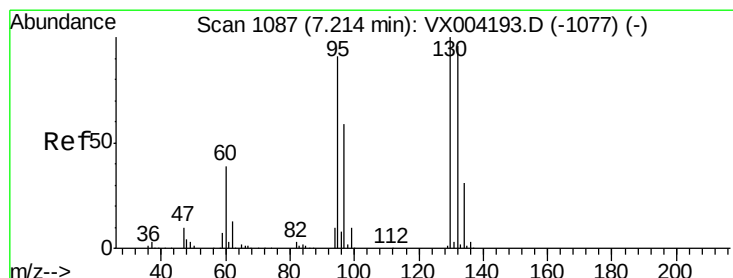
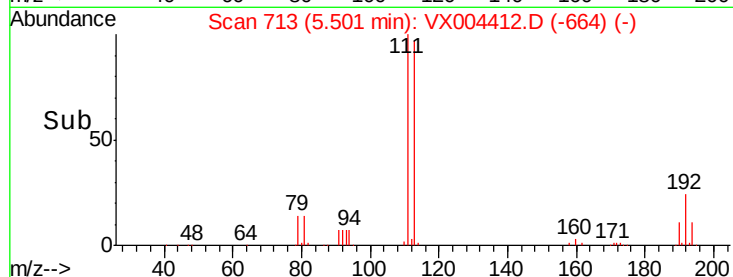
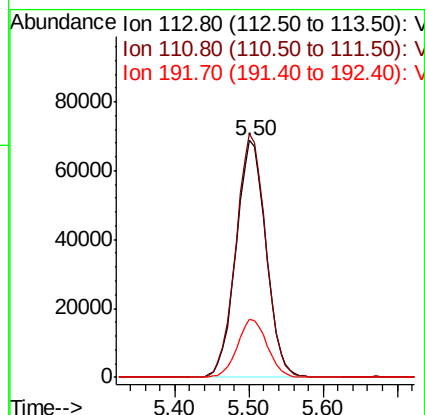
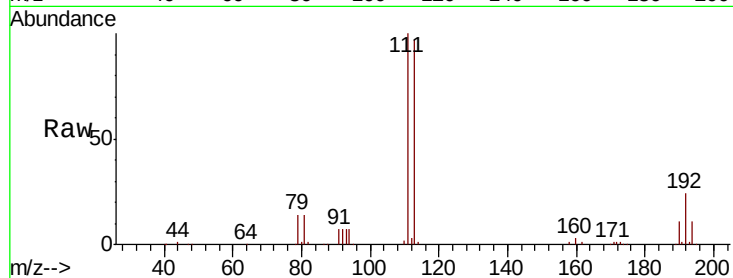




#35
 Dibromofluoromethane
 Concen: 51.28 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004412.D
 Acq: 07 Sep 2018 17:25

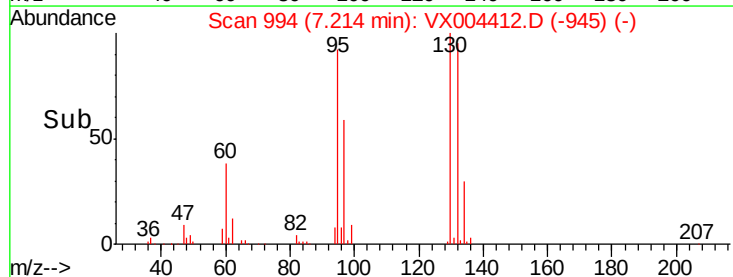
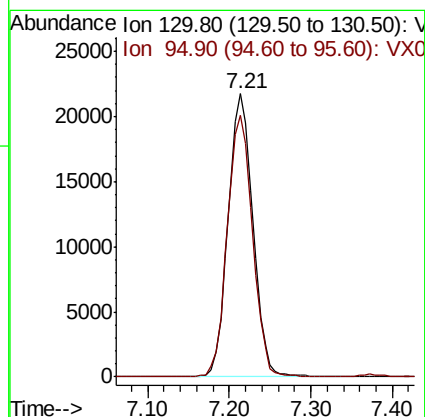
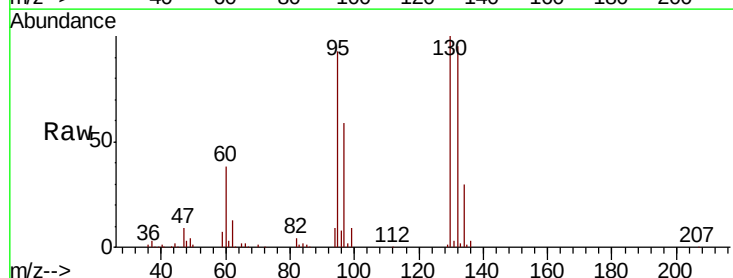
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

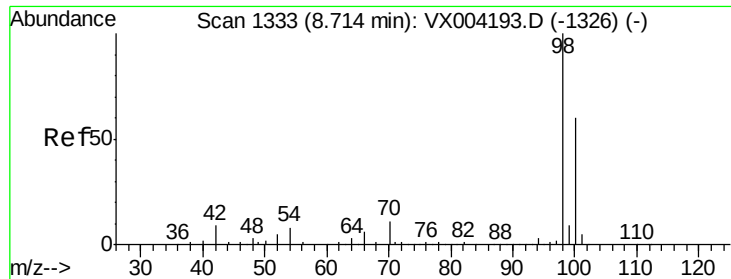
Tot Ion:113 Resp: 194344
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.3 19.4 29.2



#44
 Trichloroethene
 Concen: 9.61 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004412.D
 Acq: 07 Sep 2018 17:25

Tgt Ion:130 Resp: 45536
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 181.6

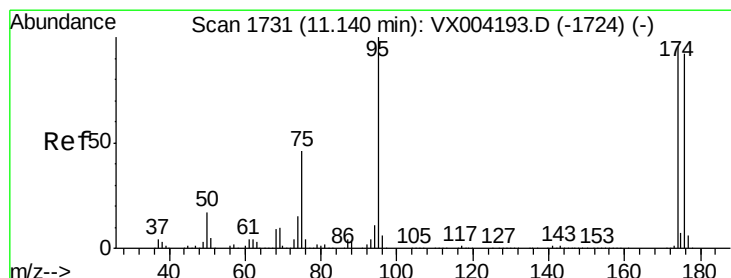
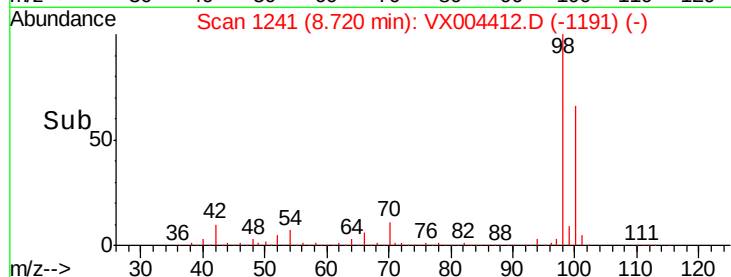
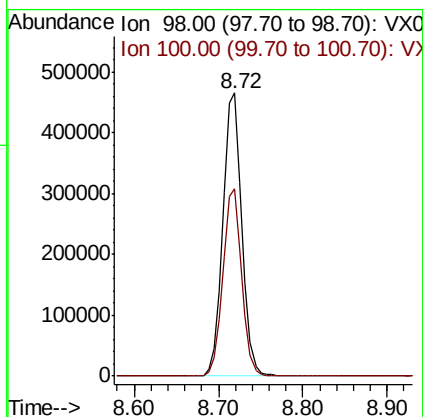
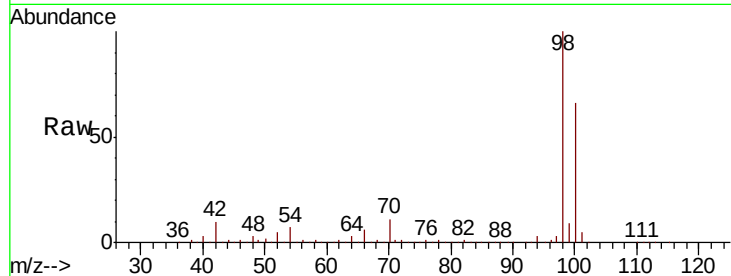




#50
Toluene-d8
Concen: 50.47 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004412.D
Acq: 07 Sep 2018 17:25

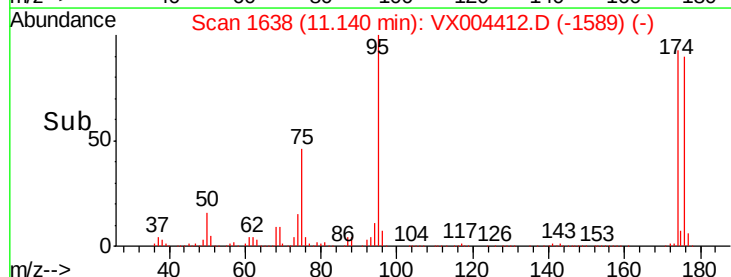
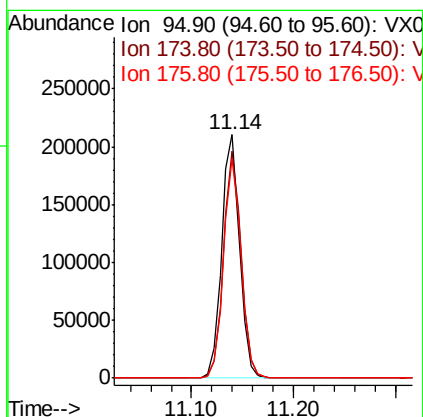
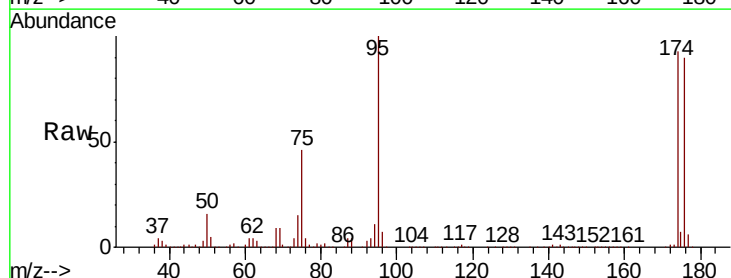
Instrument :
MSVOA_X
ClientSampleId :
MW-6

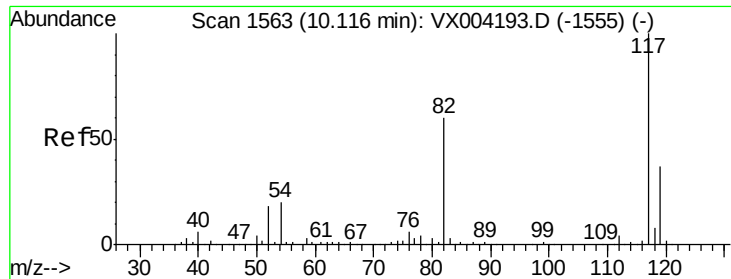
Tot Ion: 98 Resp: 721988
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004412.D
Acq: 07 Sep 2018 17:25

Tgt Ion: 95 Resp: 258452
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 88.6 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

Instrument :

MSVOA_X

ClientSampled :

MW-6

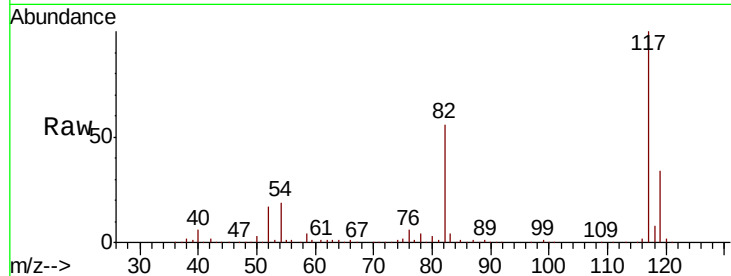
Tot Ion:117 Resp: 483573

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.6

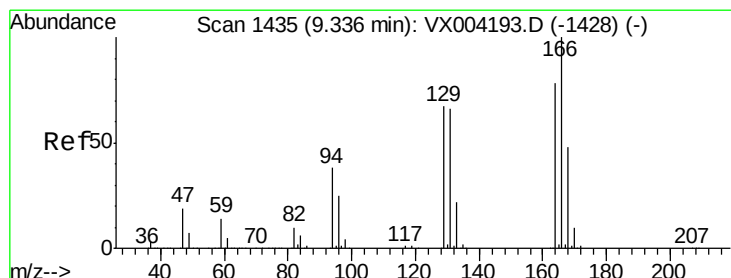
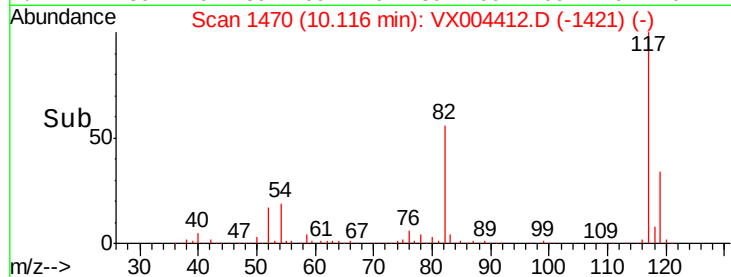
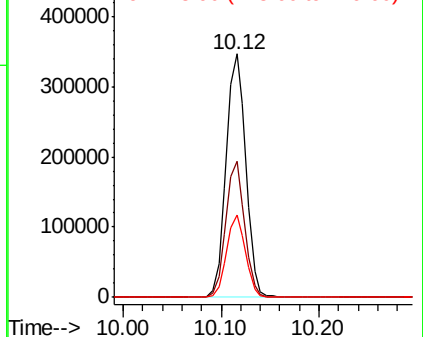
119 33.6 29.3 43.9



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



#64

Tetrachloroethene

Concen: 1.01 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

Tgt Ion:164 Resp: 4822

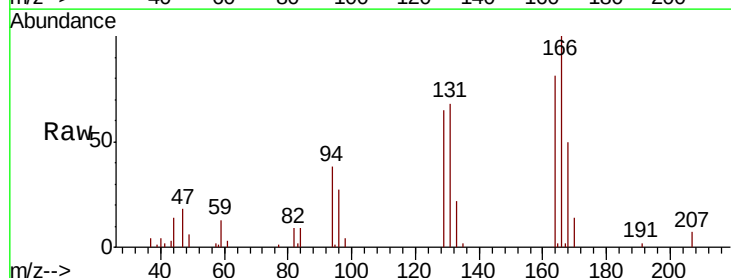
Ion Ratio Lower Upper

164 100

166 124.2 102.8 154.2

129 80.5 69.4 104.0

131 84.4 67.9 101.9

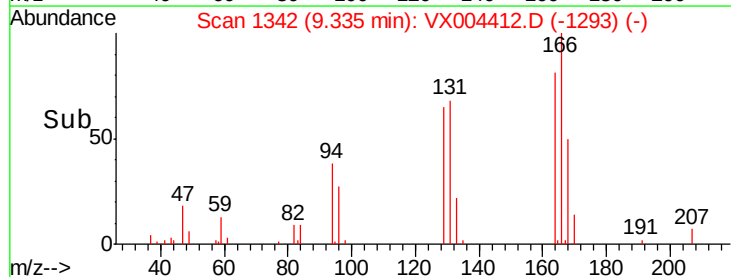
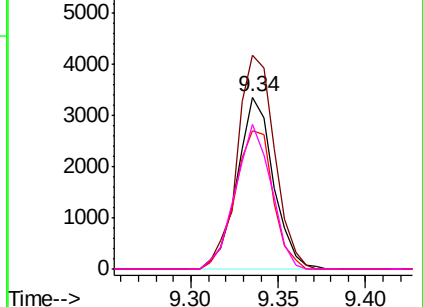


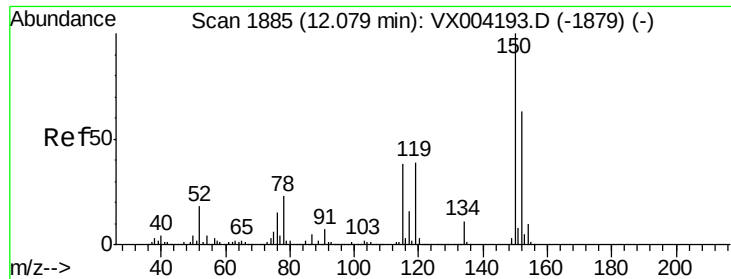
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004412.D

Acq: 07 Sep 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tot Ion:152 Resp: 268536

Ion Ratio Lower Upper

152 100

115 54.7 39.0 117.0

150 158.9 0.0 351.0

