

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX030719\
 Data File : VX007891.D
 Acq On : 07 Mar 2019 18:31
 Operator : JC/SP
 Sample : K1793-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20190306

Quant Time: Mar 16 02:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202132	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	157037	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	5.51	113	146468	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	537693	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.13	95	197628	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	

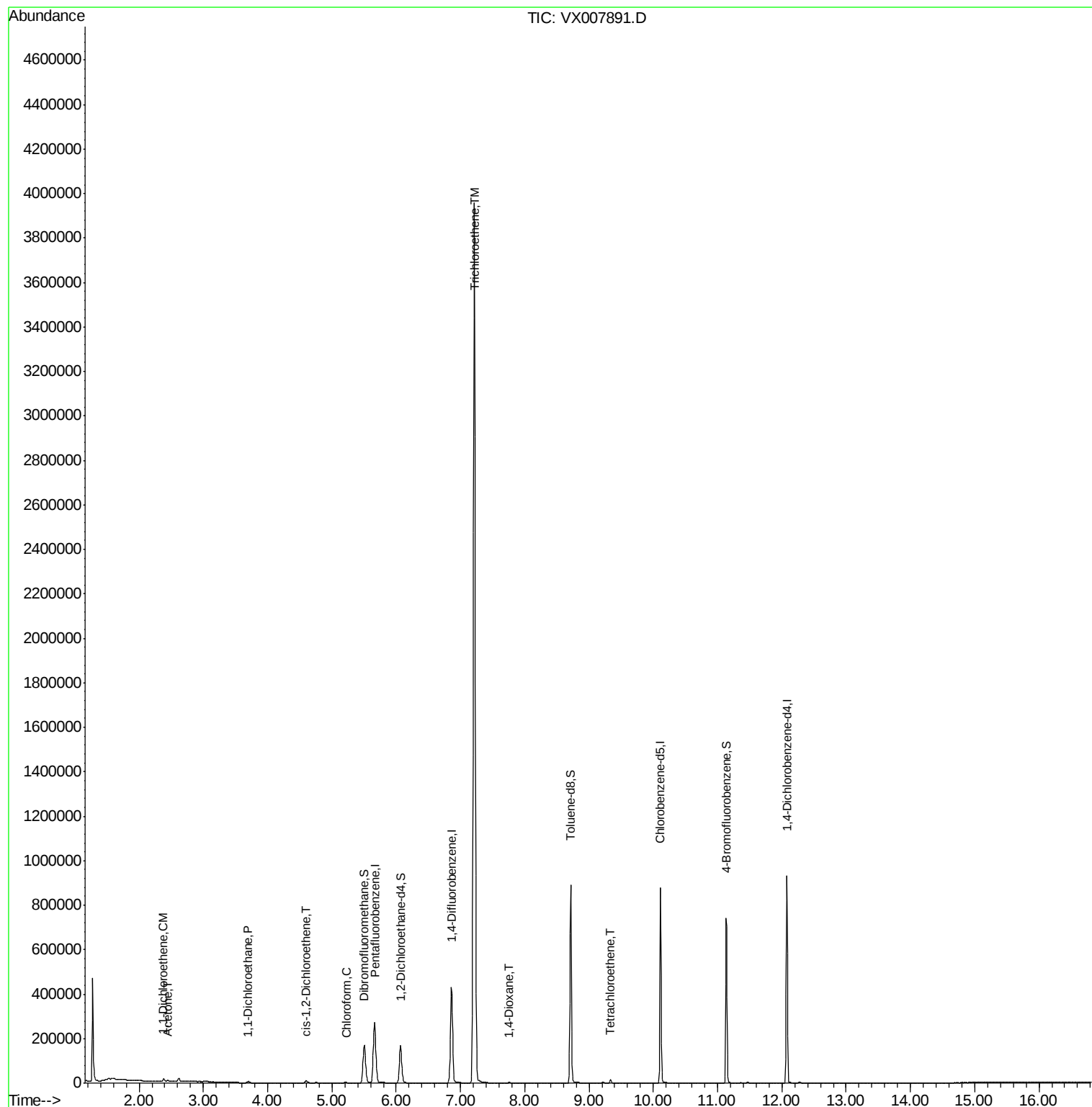
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.38	96	3152	1.298	ug/l	93
16) Acetone	2.45	43	6158	3.533	ug/l	97
24) 1,1-Dichloroethane	3.70	63	5851	1.162	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	5318	1.739	ug/l	94
30) Chloroform	5.21	83	1959	0.411	ug/l	95
44) Trichloroethene	7.21	130	1597354	484.107	ug/l	99
49) 1,4-Dioxane	7.76	88	894	11.719	ug/l	92
64) Tetrachloroethene	9.34	164	2615	0.753	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

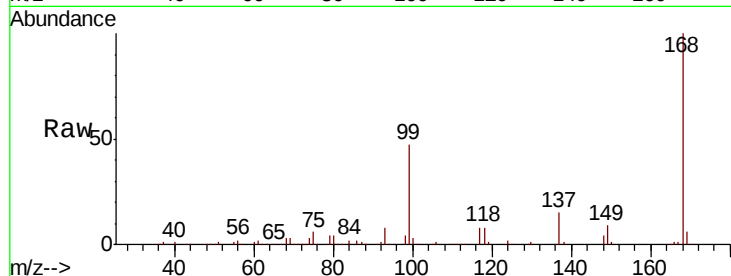
RE126D2-20190306

Tot Ion:168 Resp: 285456

Ion Ratio Lower Upper

168 100

99 47.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

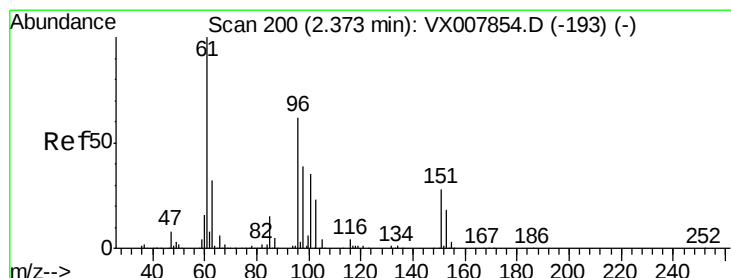
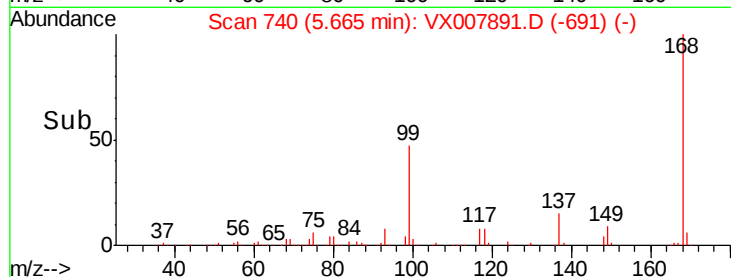
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.298 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

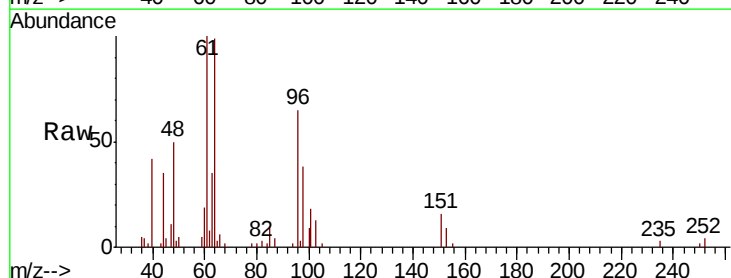
Tgt Ion: 96 Resp: 3152

Ion Ratio Lower Upper

96 100

61 152.8 129.8 194.6

98 57.7 51.0 76.6



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

4000

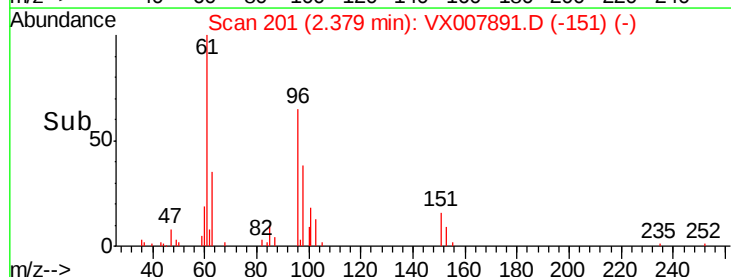
3000

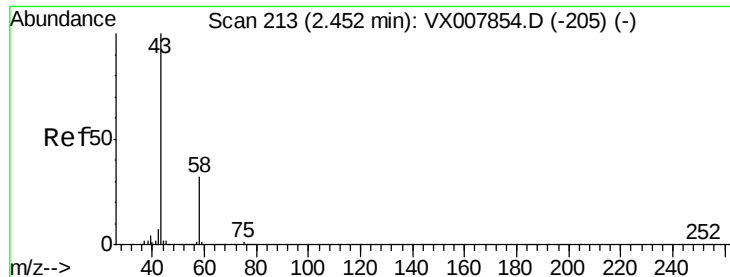
2000

1000

0

Time--> 2.30 2.35 2.40 2.45

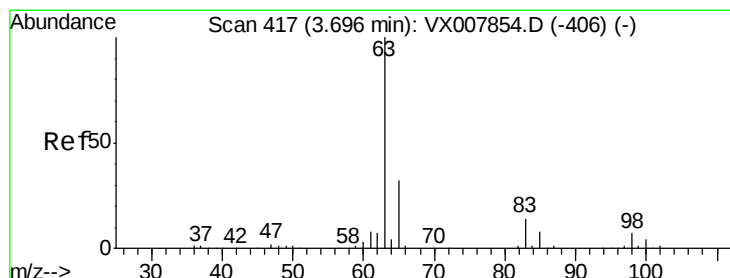
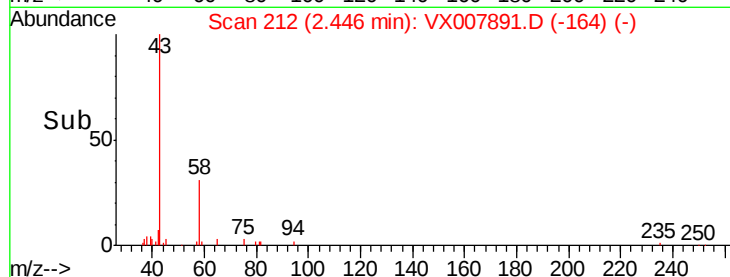
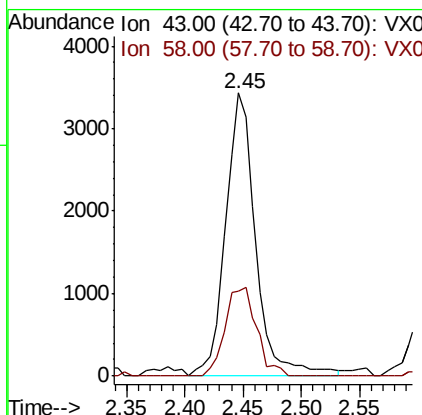
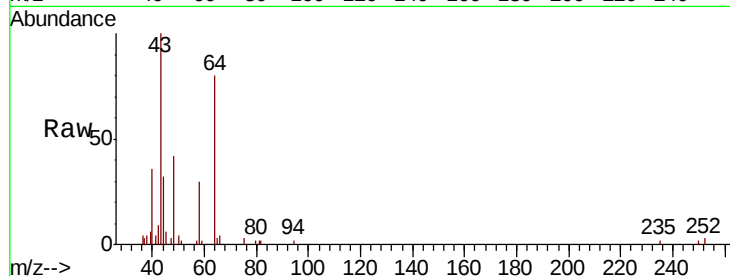




#16
Acetone
Concen: 3.533 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

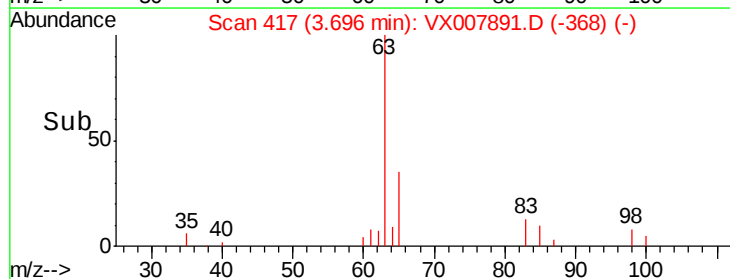
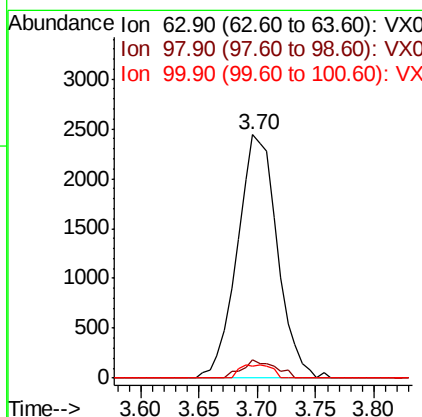
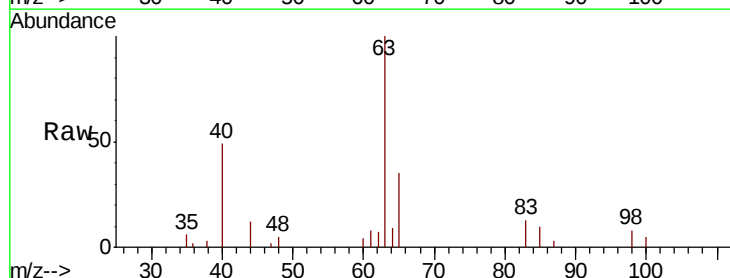
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

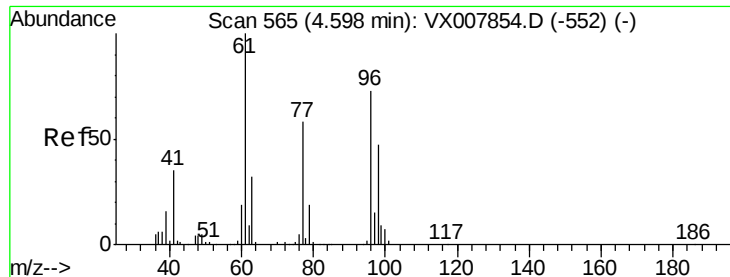
Tot Ion: 43 Resp: 6158
Ion Ratio Lower Upper
43 100
58 30.2 25.5 38.3



#24
1,1-Dichloroethane
Concen: 1.162 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 63 Resp: 5851
Ion Ratio Lower Upper
63 100
98 7.7 3.3 9.8
100 5.0 2.3 6.8



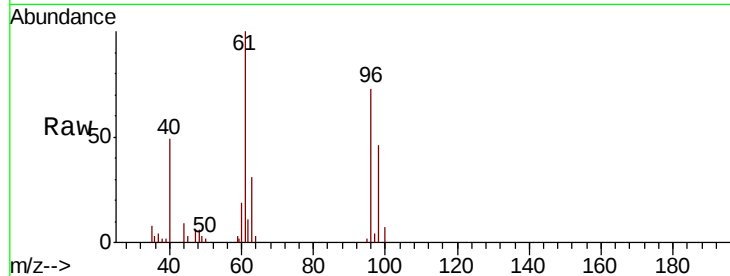


#27

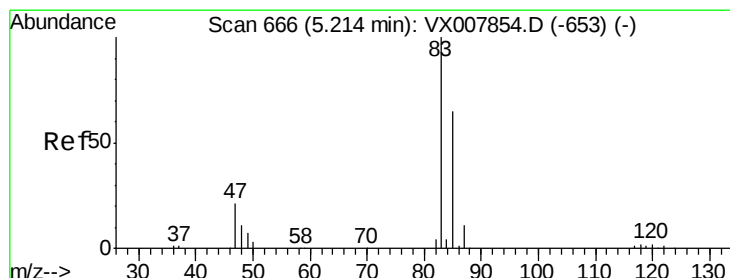
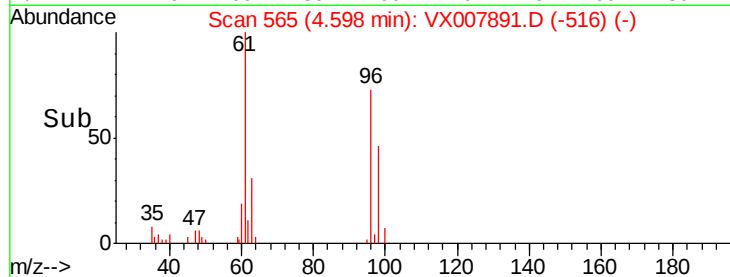
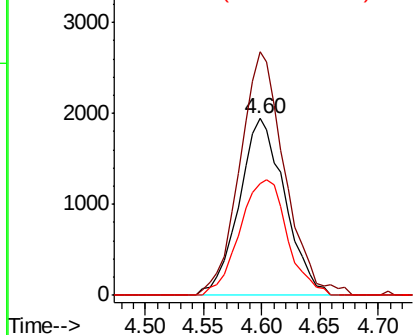
cis-1,2-Dichloroethene
 Concen: 1.739 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007891.D
 Acq: 07 Mar 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20190306

Tot Ion: 96 Resp: 5318
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 288.0
 98 68.0 0.0 129.0



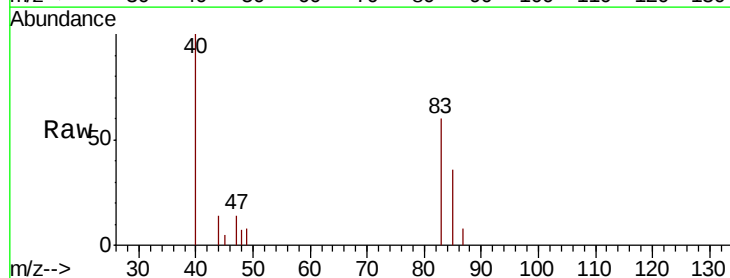
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



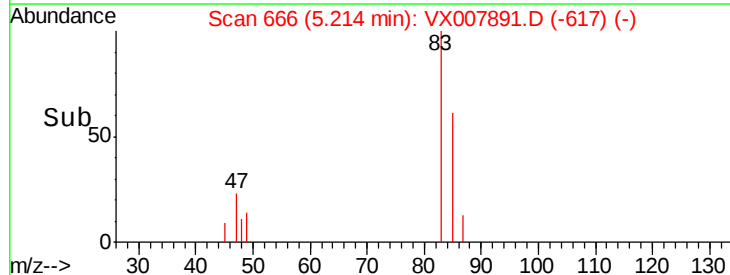
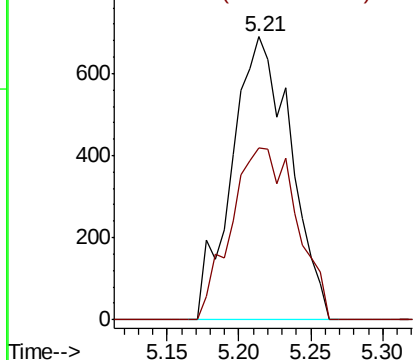
#30

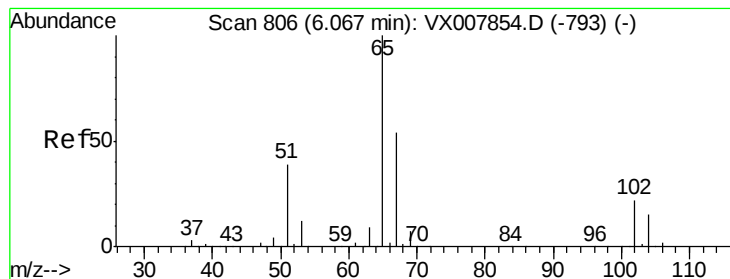
Chloroform
 Concen: 0.411 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VX007891.D
 Acq: 07 Mar 2019 18:31

Tgt Ion: 83 Resp: 1959
 Ion Ratio Lower Upper
 83 100
 85 60.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.149 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

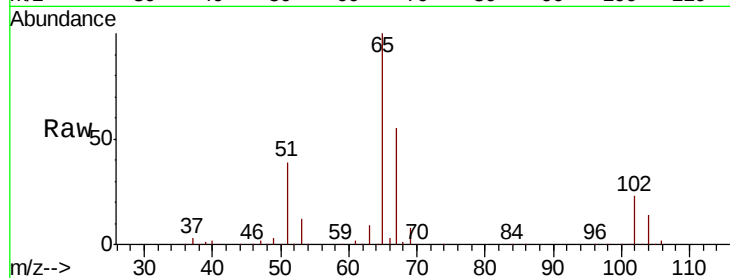
RE126D2-20190306

Tot Ion: 65 Resp: 157037

Ion Ratio Lower Upper

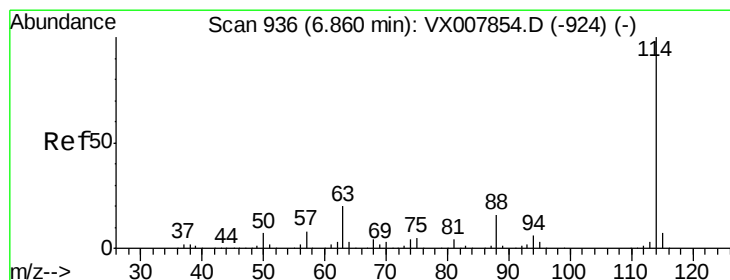
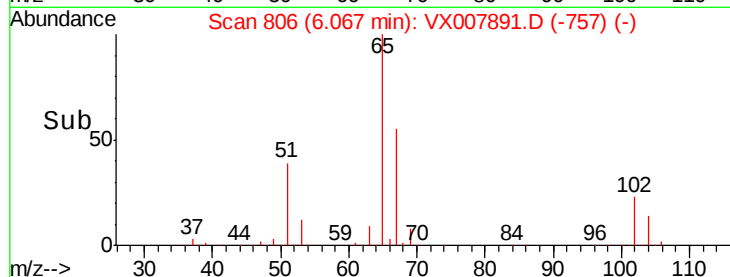
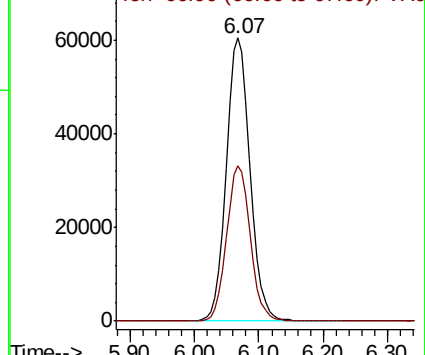
65 100

67 54.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

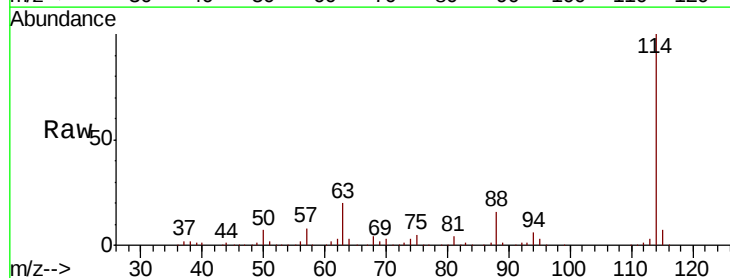
Tgt Ion: 114 Resp: 444165

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

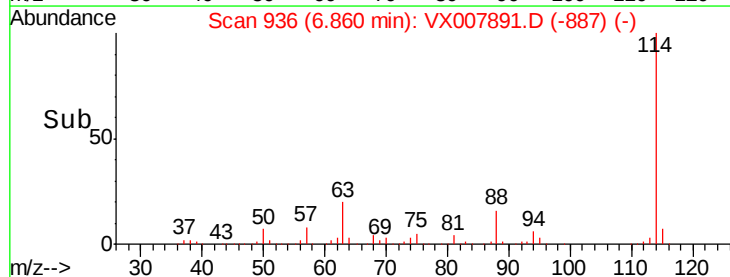
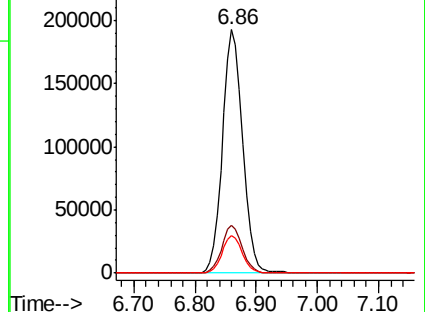
88 15.6 0.0 31.4

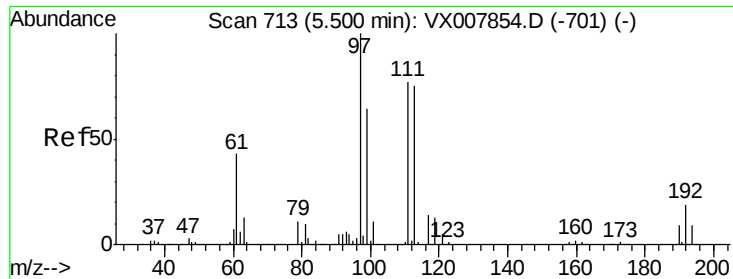


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

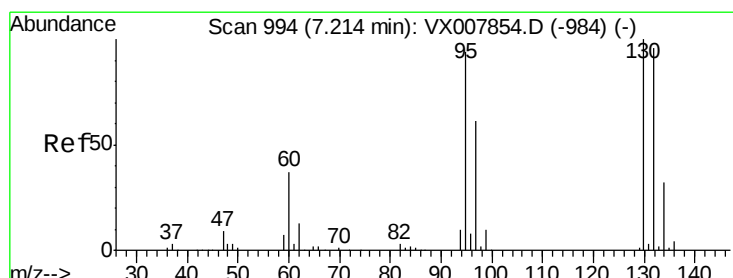
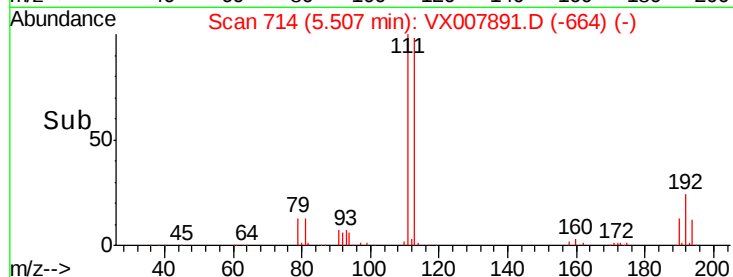
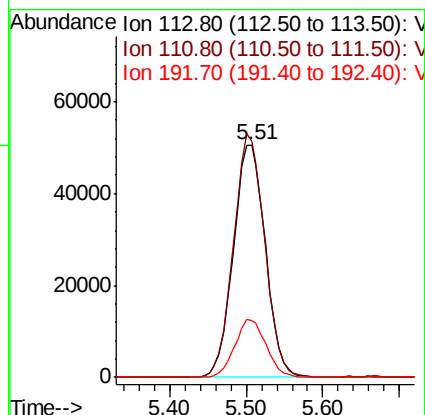
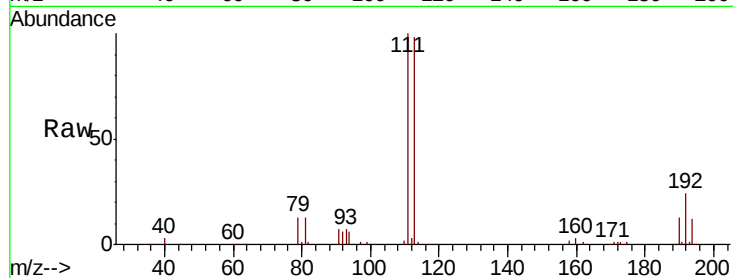




#35
Dibromofluoromethane
Concen: 51.552 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

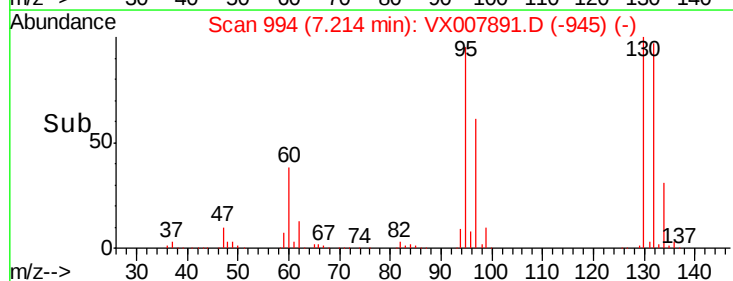
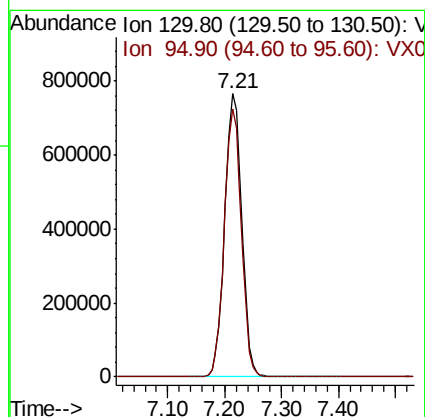
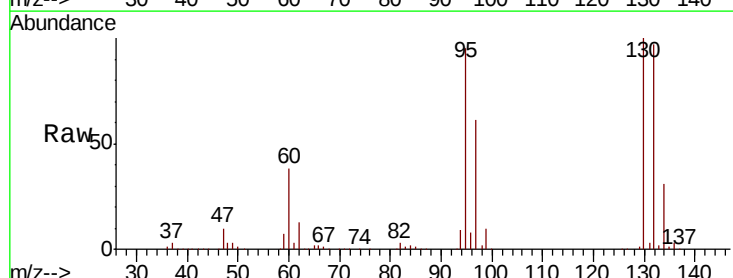
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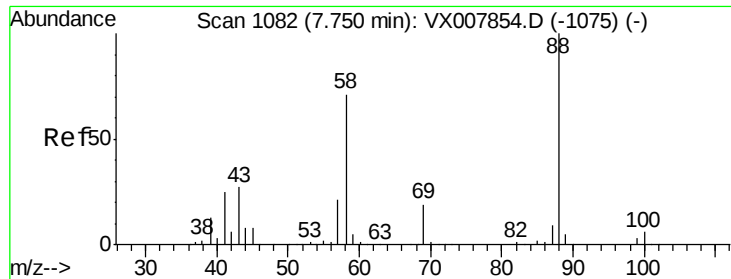
Tot Ion:113 Resp: 146468
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 24.3 19.4 29.0



#44
Trichloroethene
Concen: 484.107 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:130 Resp: 1597354
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.0

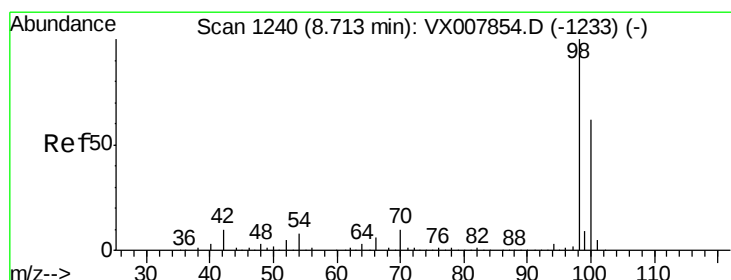
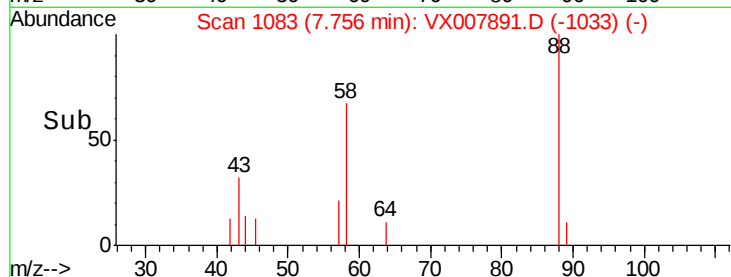
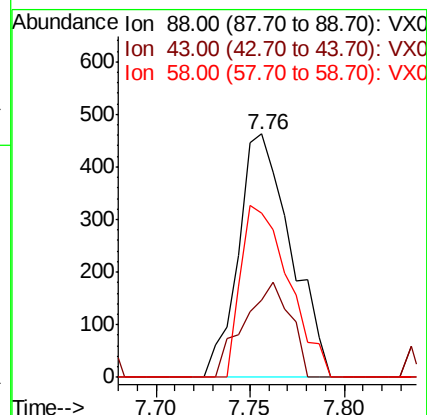
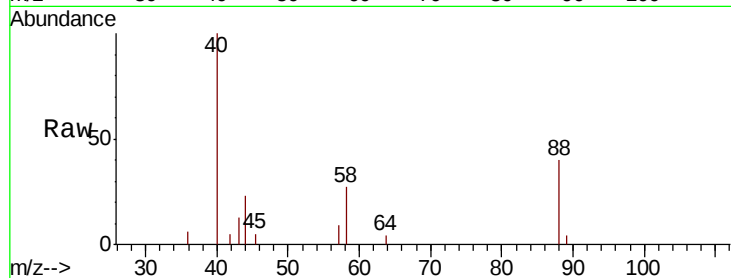




#49
1,4-Dioxane
Concen: 11.719 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

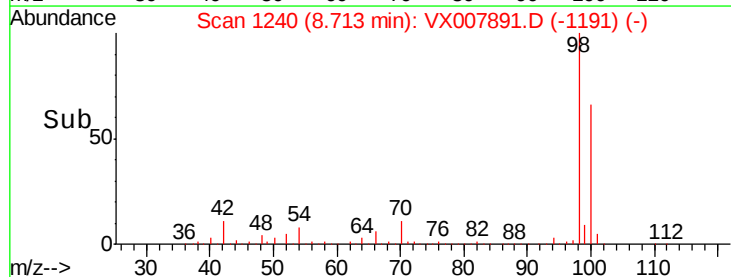
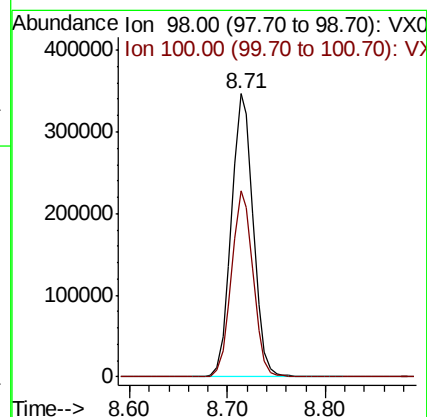
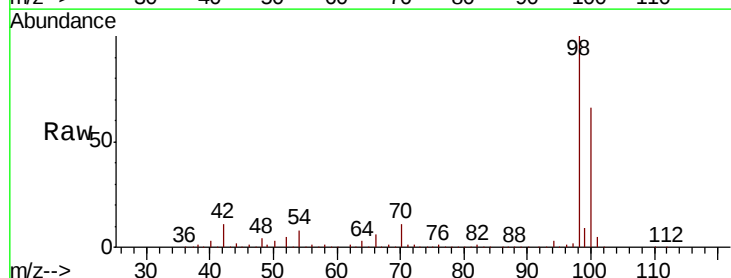
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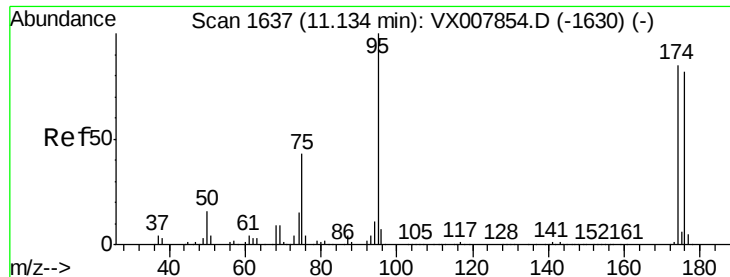
Tot Ion: 88 Resp: 894
Ion Ratio Lower Upper
88 100
43 34.5 25.1 37.7
58 64.4 57.8 86.6



#50
Toluene-d8
Concen: 51.531 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 98 Resp: 537693
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 54.022 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20190306

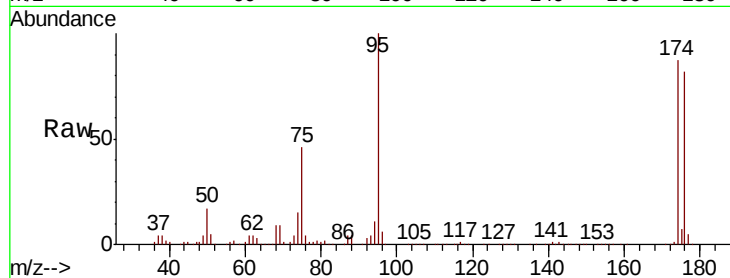
Tot Ion: 95 Resp: 197628

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.8

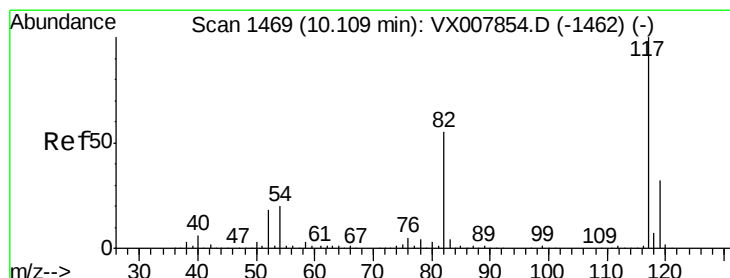
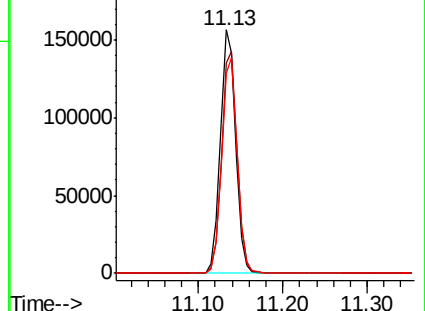
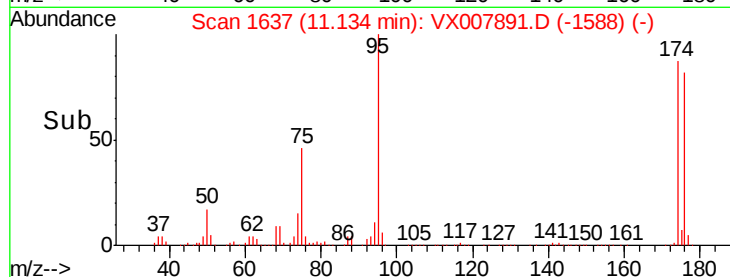
176 89.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007891.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007891.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007891.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007891.D

Acq: 07 Mar 2019 18:31

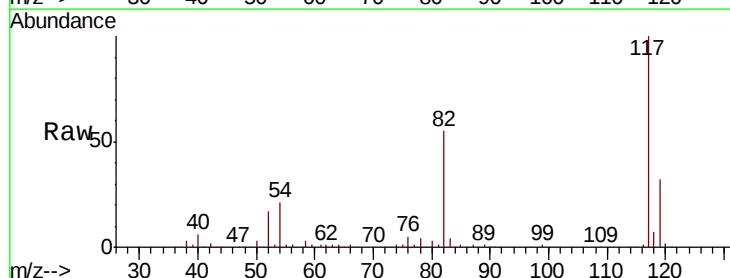
Tgt Ion: 117 Resp: 418971

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

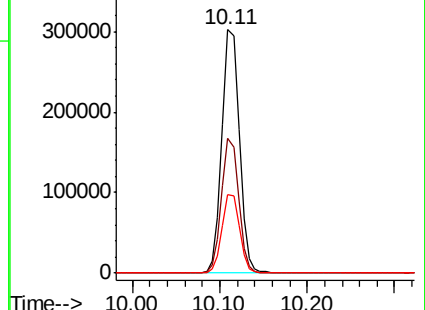
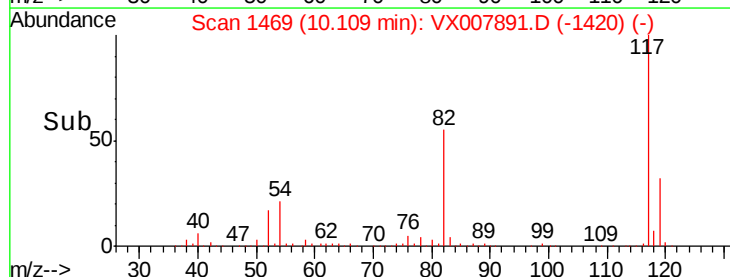
119 32.0 25.3 37.9

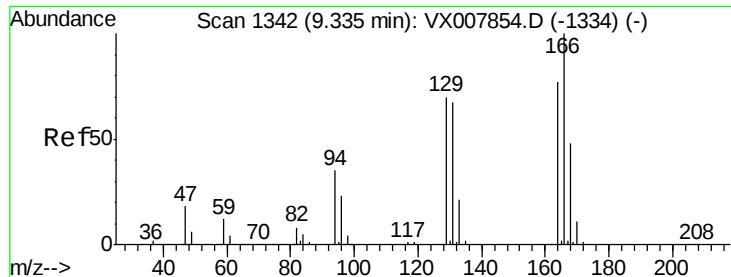


Abundance Ion 116.90 (116.60 to 117.60): VX007891.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007891.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007891.D (-1420) (-)

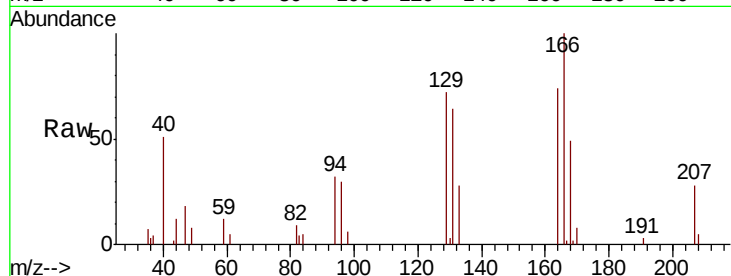




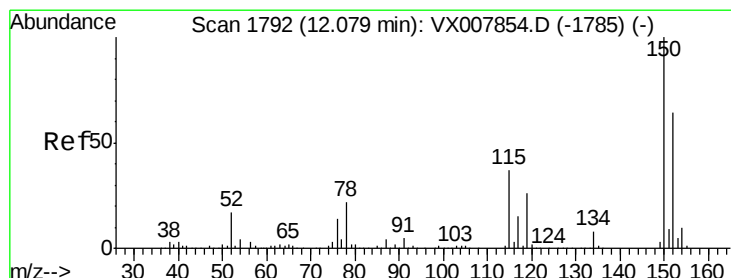
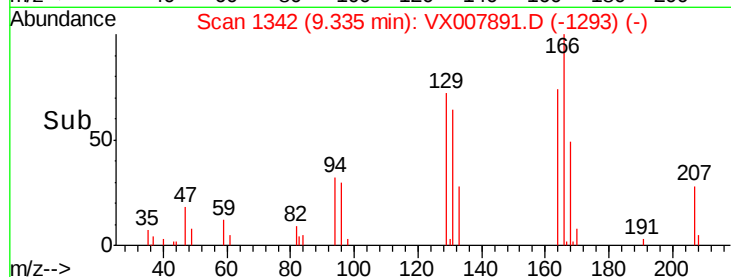
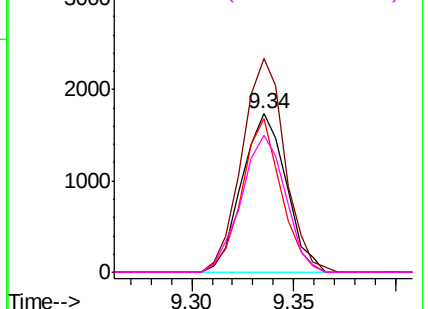
#64
Tetrachloroethene
Concen: 0.753 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tot Ion:164 Resp: 2615
Ion Ratio Lower Upper
164 100
166 135.0 103.4 155.0
129 97.3 72.2 108.4
131 86.3 69.4 104.2

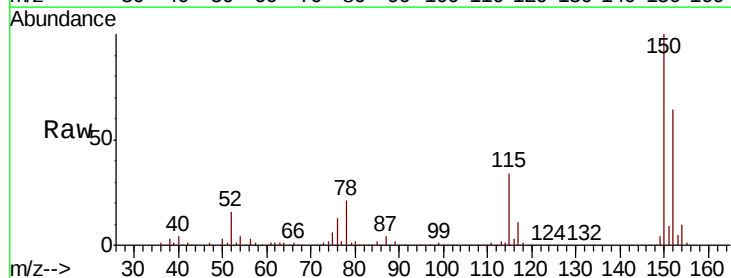


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:152 Resp: 202132
Ion Ratio Lower Upper
152 100
115 55.2 38.6 115.7
150 156.1 0.0 348.4



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

