

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005264.D
 Acq On : 11 Oct 2018 20:00
 Operator : JC/MD
 Sample : J5393-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D2-20181008

Quant Time: Oct 12 13:02:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153847	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	134926	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	5.50	113	116103	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.72	98	398728	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	139229	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	

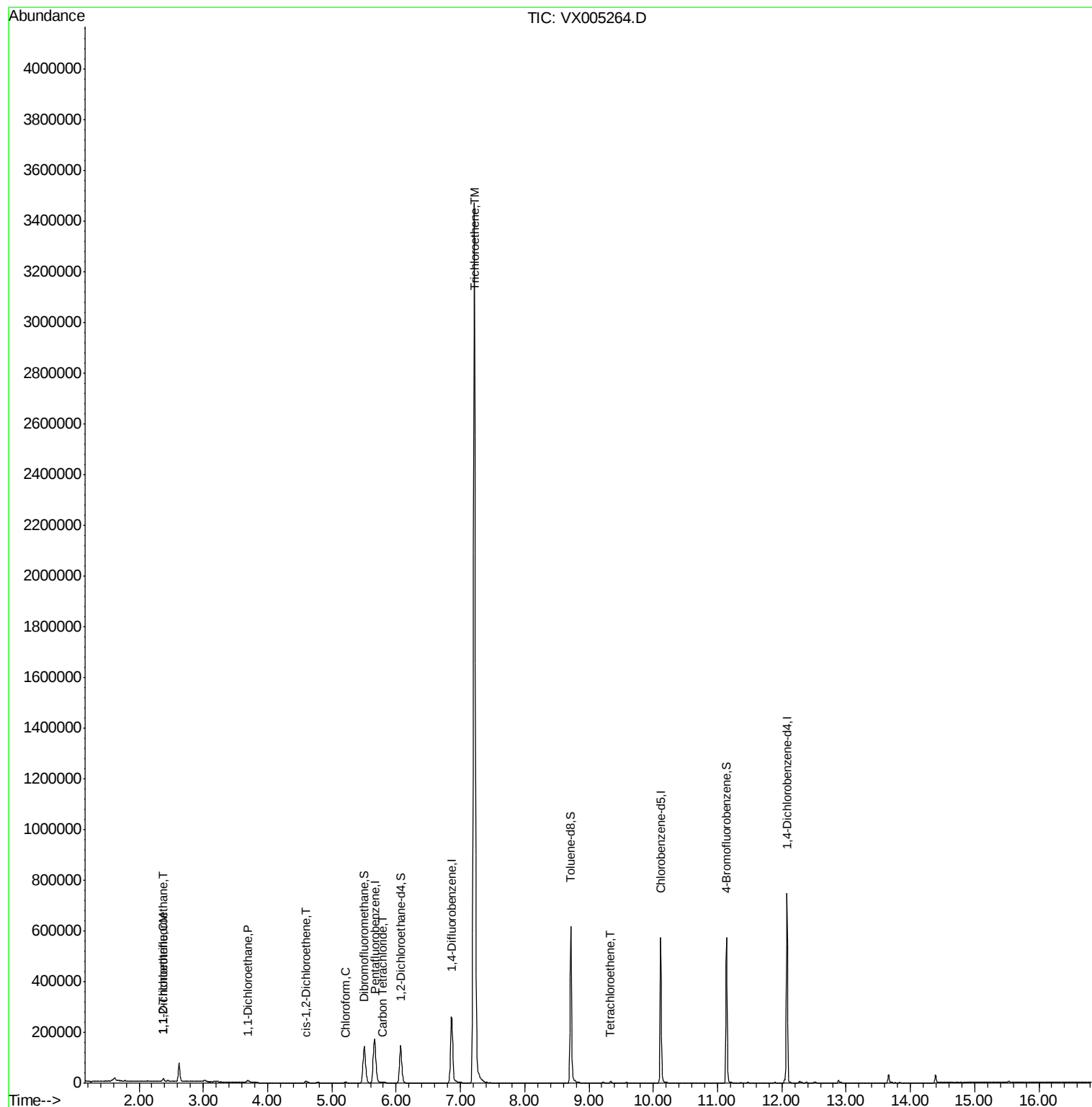
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1485	0.76	ug/l	# 93
12) 1,1-Dichloroethene	2.37	96	3086	1.60	ug/l	97
24) 1,1-Dichloroethane	3.70	63	6974	1.65	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	4342	1.84	ug/l	79
30) Chloroform	5.21	83	2274	0.57	ug/l	84
38) Carbon Tetrachloride	5.78	117	2597	0.78	ug/l	# 82
44) Trichloroethene	7.21	130	1393508	573.12	ug/l	97
64) Tetrachloroethene	9.34	164	1114	0.42	ug/l	91

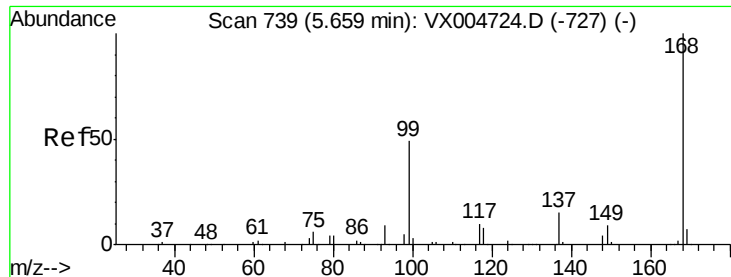
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

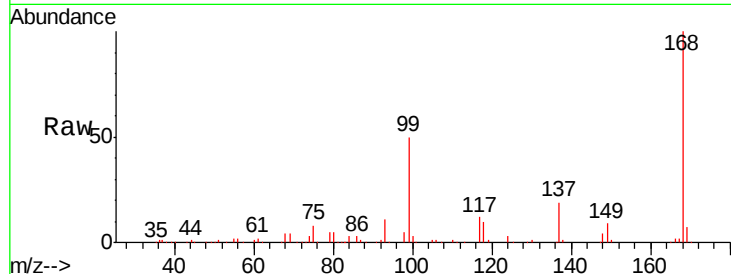
RE-126D2-20181008

Tgt Ion:168 Resp: 177850

Ion Ratio Lower Upper

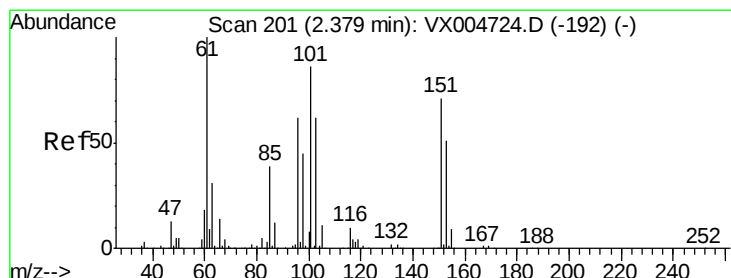
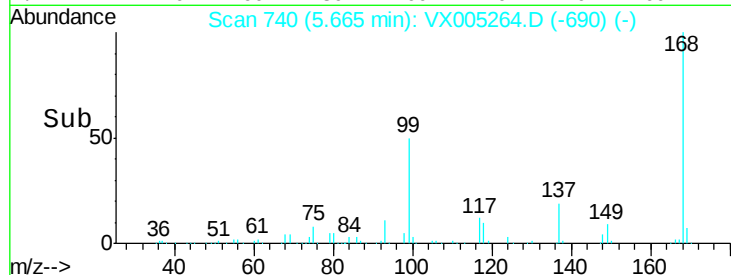
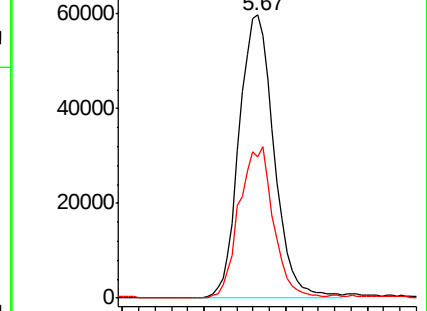
168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.76 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

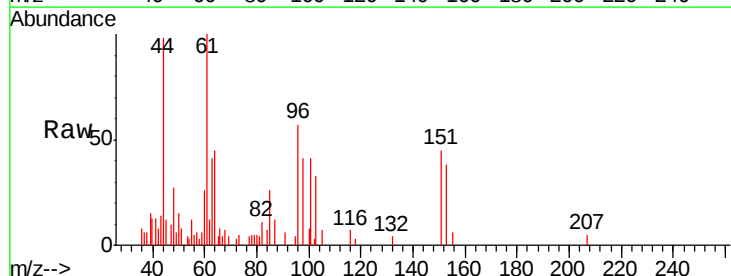
Tgt Ion:101 Resp: 1485

Ion Ratio Lower Upper

101 100

85 56.4 35.9 53.9#

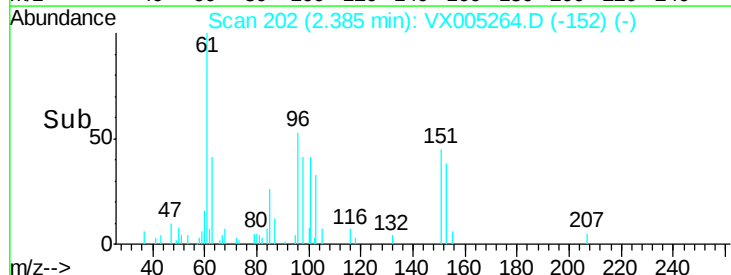
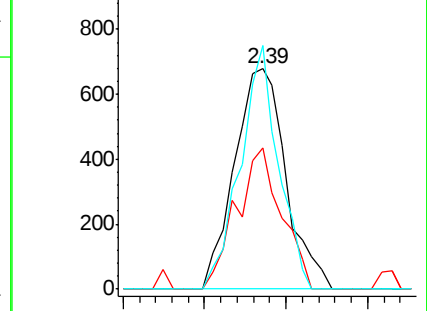
151 82.6 66.6 100.0

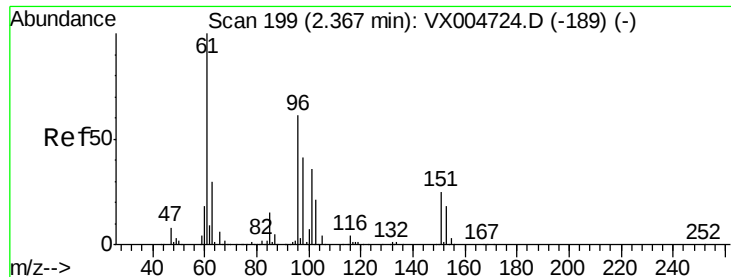


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.60 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

RE-126D2-20181008

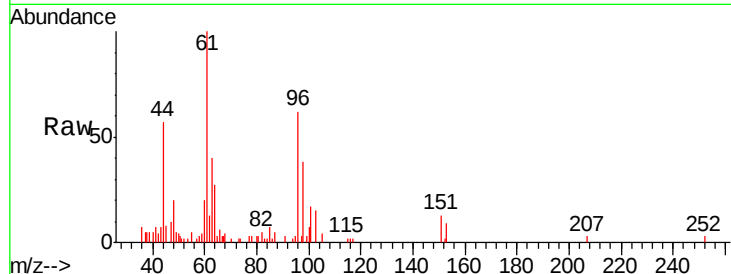
Tgt Ion: 96 Resp: 3086

Ion Ratio Lower Upper

96 100

61 160.4 130.2 195.4

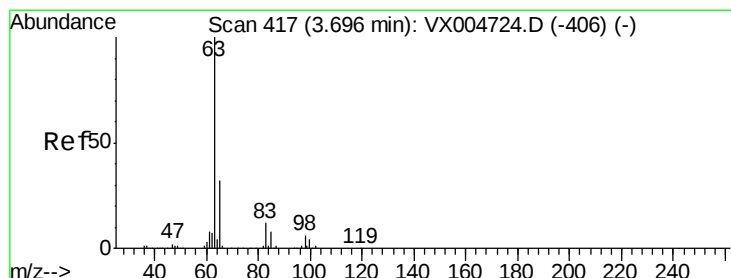
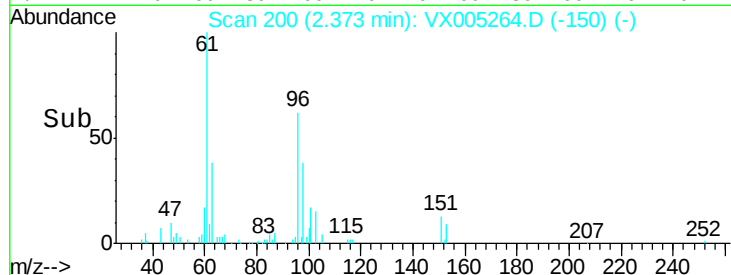
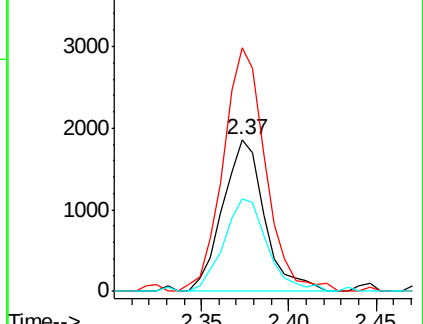
98 61.3 53.4 80.0



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



#24

1,1-Dichloroethane

Concen: 1.65 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

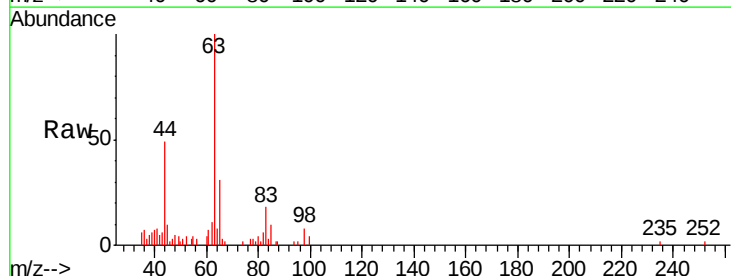
Tgt Ion: 63 Resp: 6974

Ion Ratio Lower Upper

63 100

98 8.3 3.0 9.2

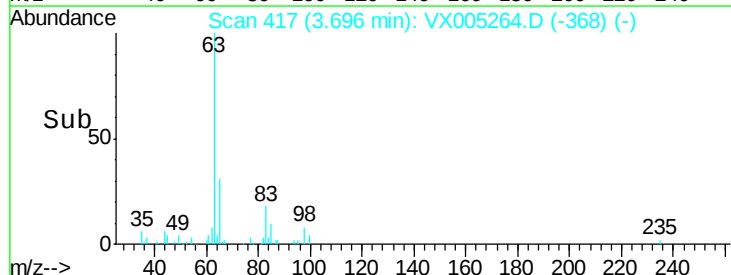
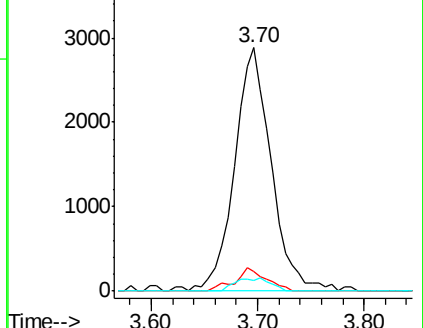
100 4.4 2.0 5.8

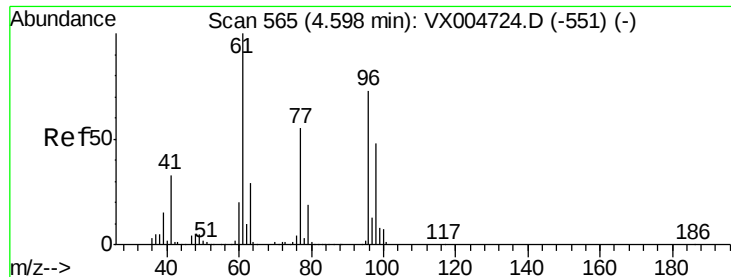


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.84 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

RE-126D2-20181008

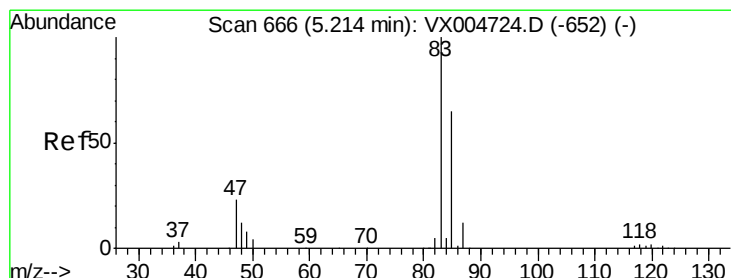
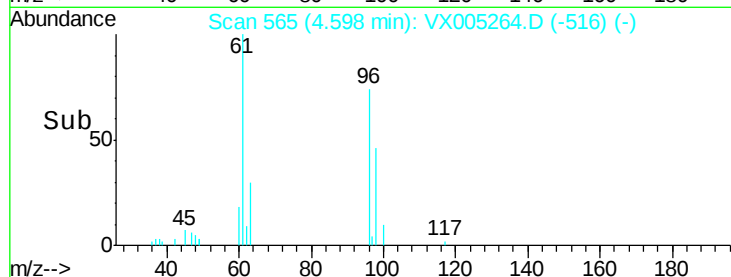
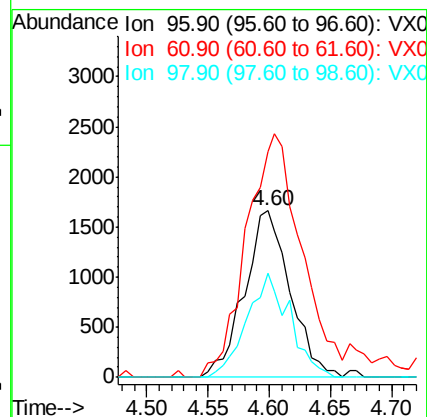
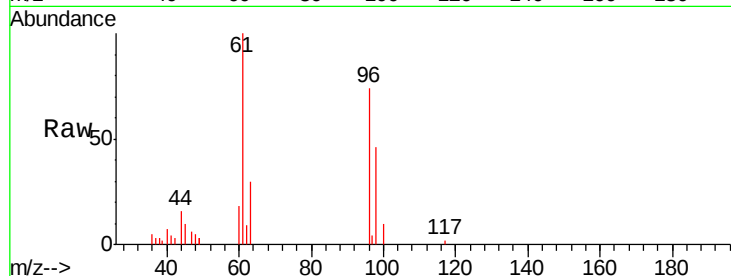
Tgt Ion: 96 Resp: 4342

Ion Ratio Lower Upper

96 100

61 174.4 0.0 285.8

98 58.5 0.0 136.2



#30

Chloroform

Concen: 0.57 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005264.D

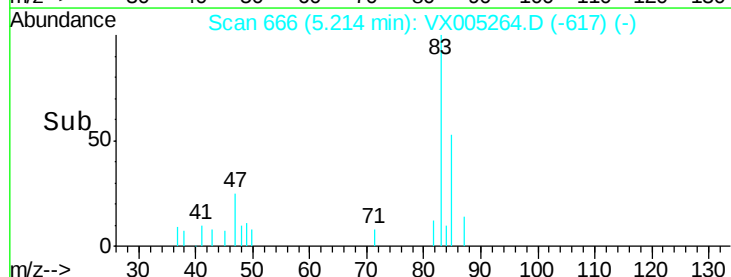
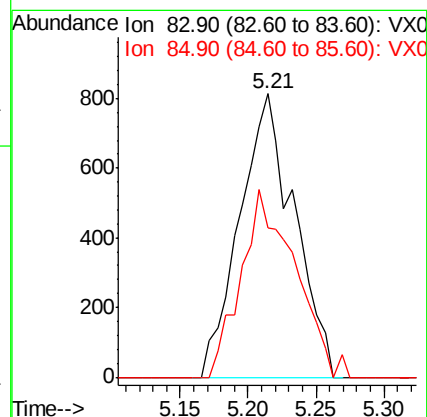
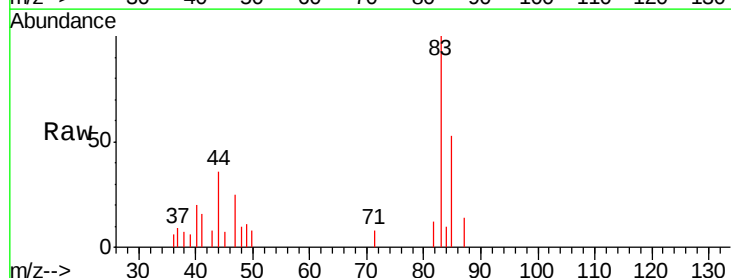
Acq: 11 Oct 2018 20:00

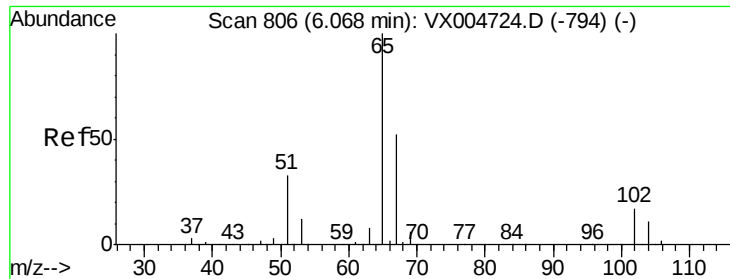
Tgt Ion: 83 Resp: 2274

Ion Ratio Lower Upper

83 100

85 52.6 52.4 78.6

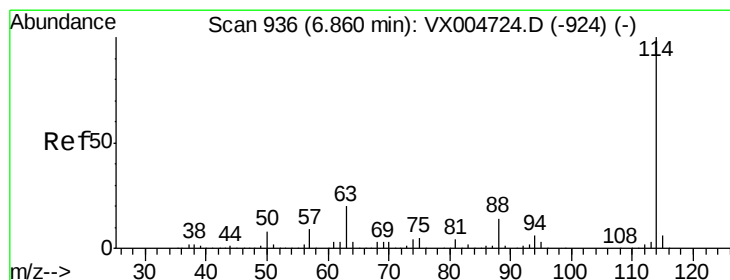
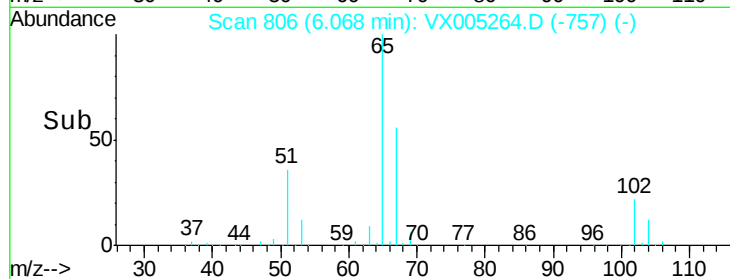
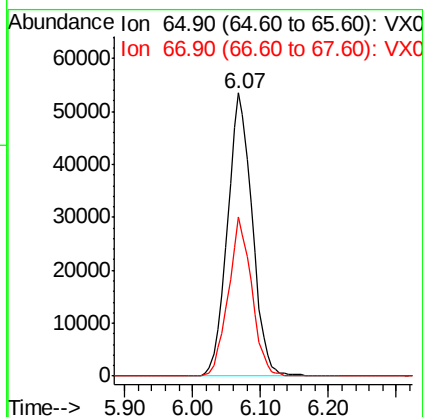
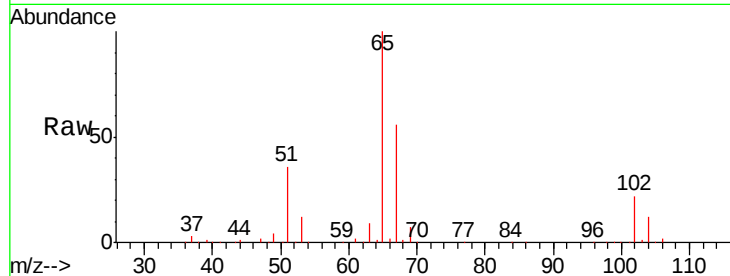




#33
 1,2-Dichloroethane-d4
 Concen: 53.11 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005264.D
 Acq: 11 Oct 2018 20:00

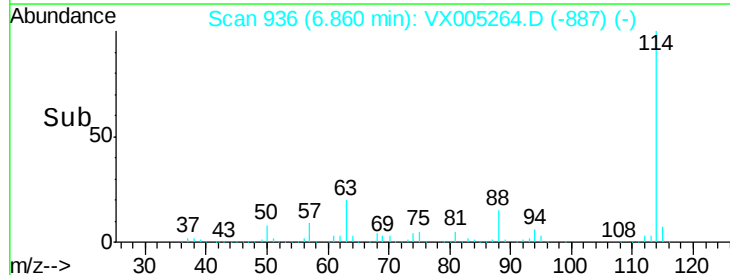
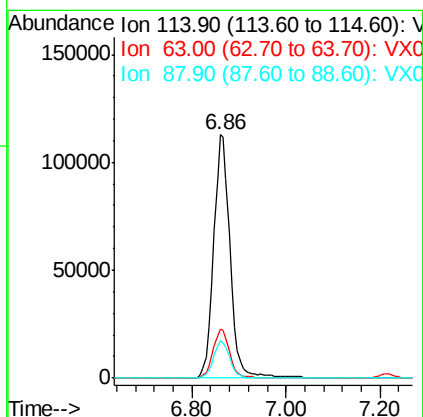
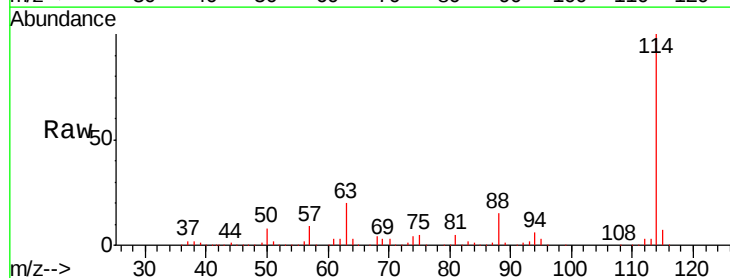
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D2-20181008

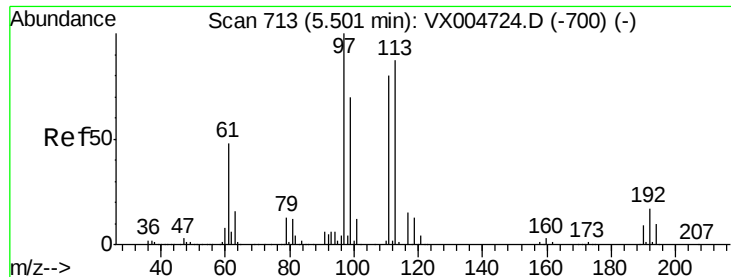
Tgt Ion: 65 Resp: 134926
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005264.D
 Acq: 11 Oct 2018 20:00

Tgt Ion: 114 Resp: 273218
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 27.0

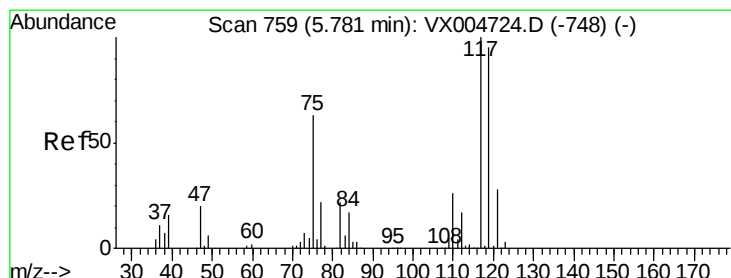
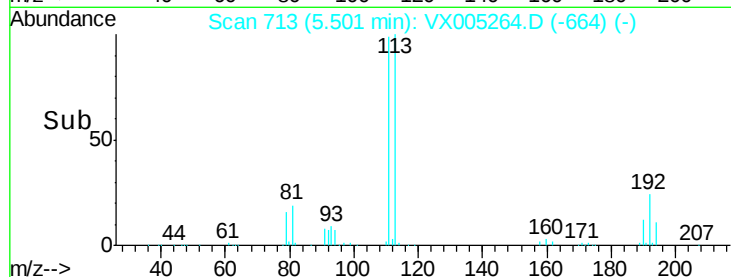
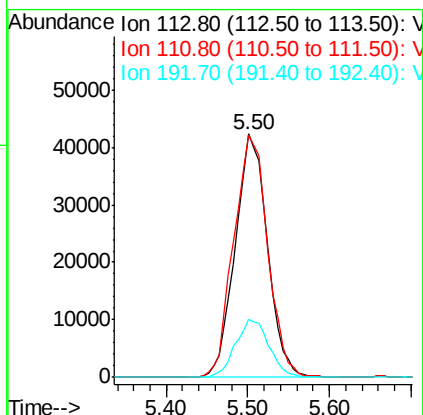
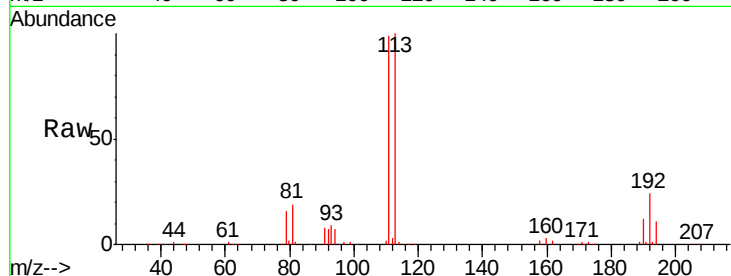




#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005264.D
Acq: 11 Oct 2018 20:00

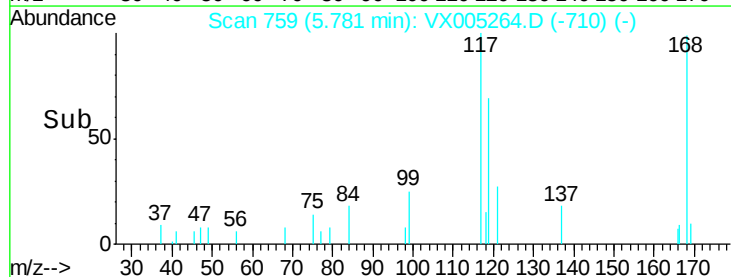
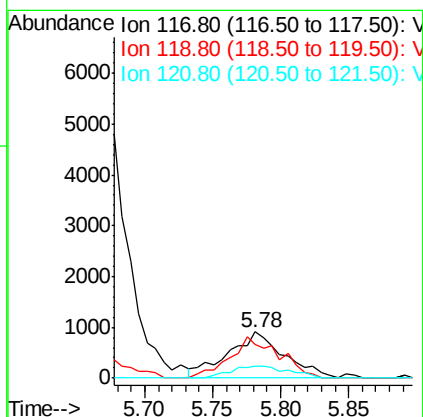
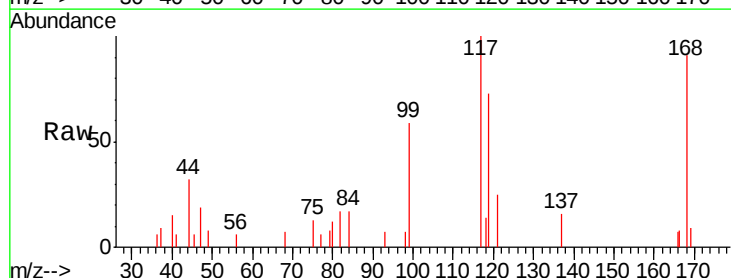
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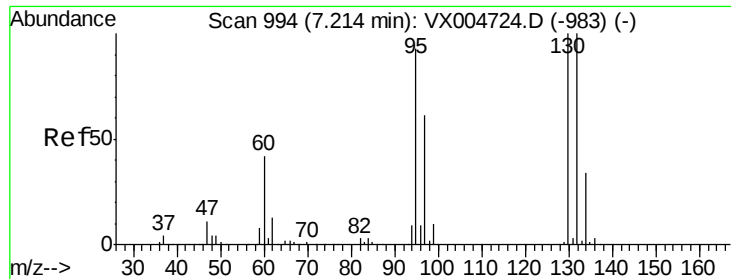
Tgt Ion:113 Resp: 116103
Ion Ratio Lower Upper
113 100
111 104.9 77.0 115.4
192 24.6 17.0 25.6



#38
Carbon Tetrachloride
Concen: 0.78 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005264.D
Acq: 11 Oct 2018 20:00

Tgt Ion:117 Resp: 2597
Ion Ratio Lower Upper
117 100
119 72.6 75.2 112.8#
121 25.1 22.5 33.7





#44

Trichloroethene

Concen: 573.12 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

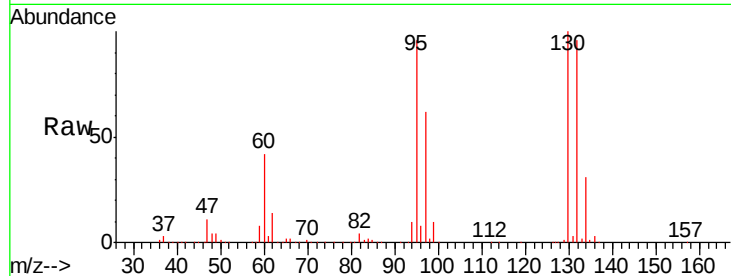
RE-126D2-20181008

Tgt Ion:130 Resp: 1393508

Ion Ratio Lower Upper

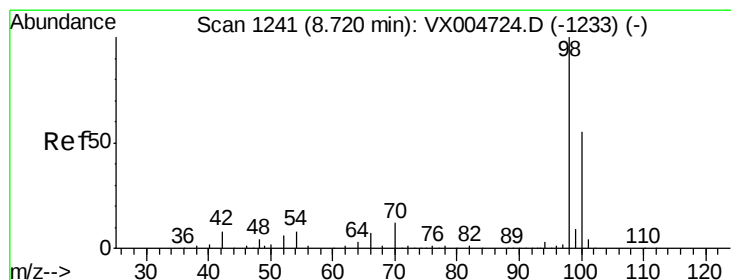
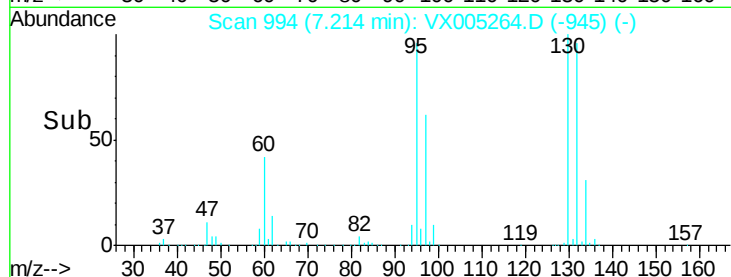
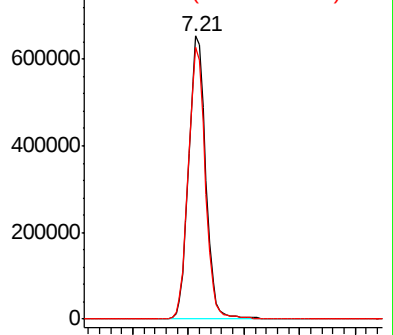
130 100

95 95.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.80 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005264.D

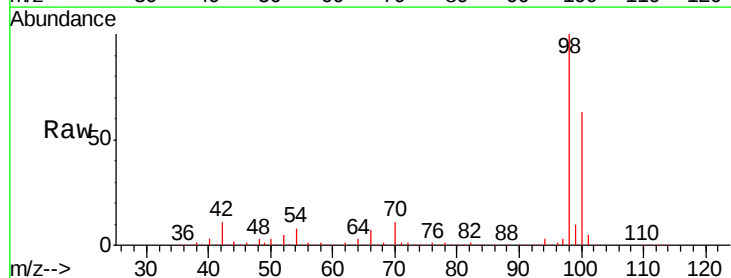
Acq: 11 Oct 2018 20:00

Tgt Ion: 98 Resp: 398728

Ion Ratio Lower Upper

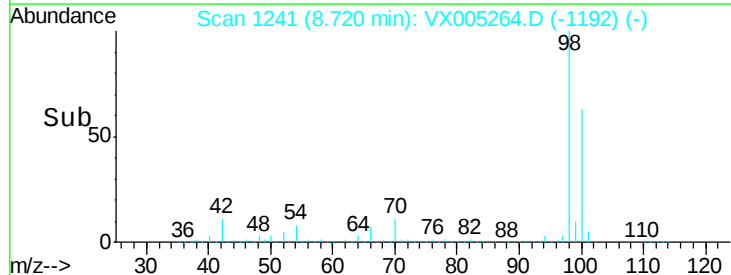
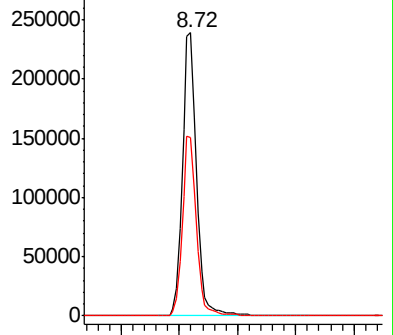
98 100

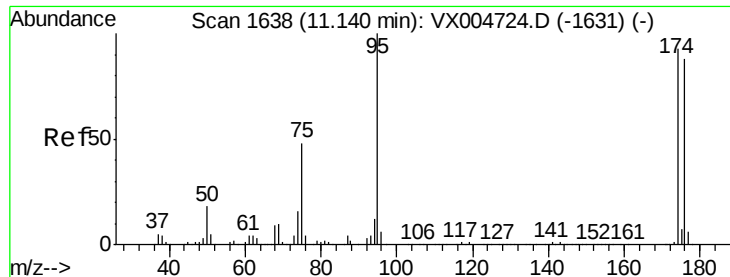
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

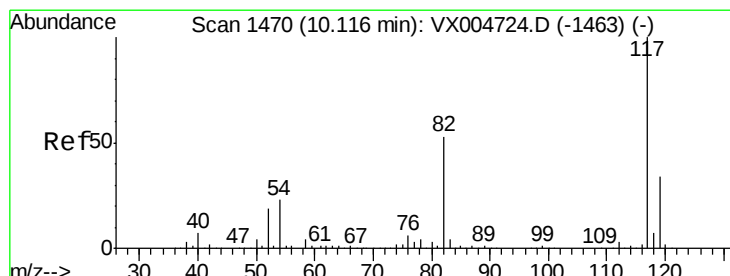
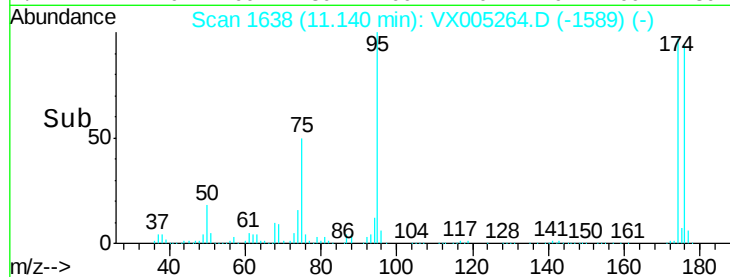
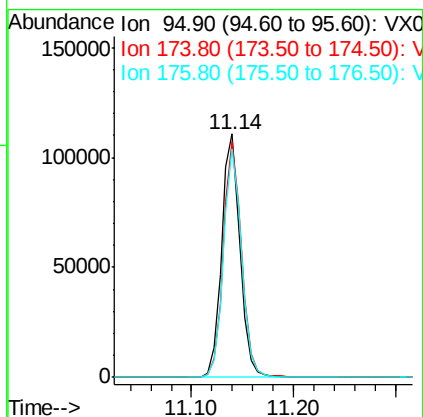
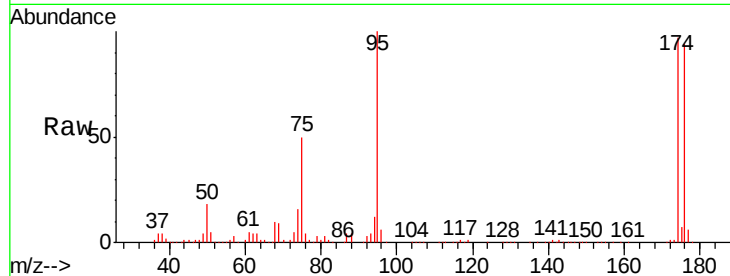




#62
4-Bromofluorobenzene
Concen: 50.20 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005264.D
Acq: 11 Oct 2018 20:00

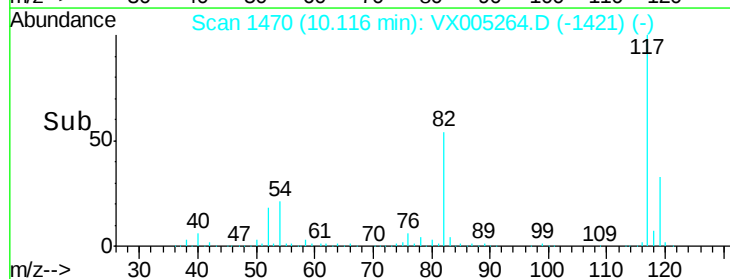
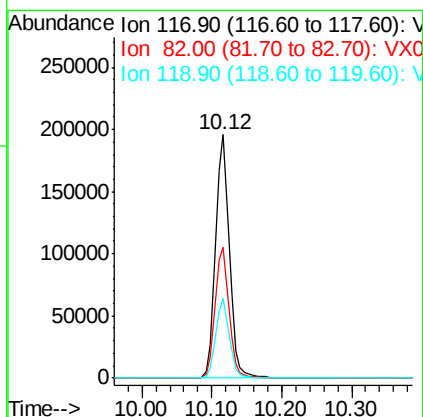
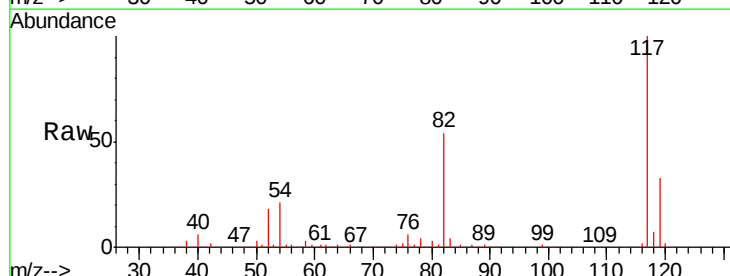
Instrument :
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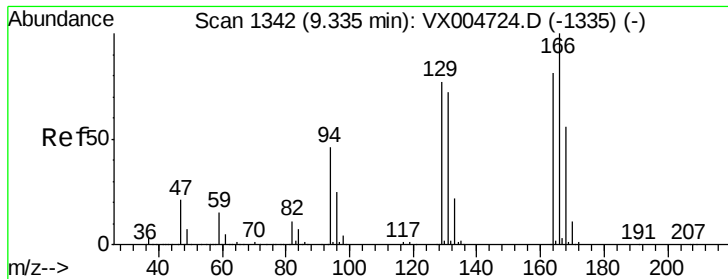
Tgt Ion: 95 Resp: 139229
Ion Ratio Lower Upper
95 100
174 96.0 0.0 185.0
176 92.3 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005264.D
Acq: 11 Oct 2018 20:00

Tgt Ion: 117 Resp: 270633
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.6 27.4 41.0





#64

Tetrachloroethene

Concen: 0.42 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005264.D

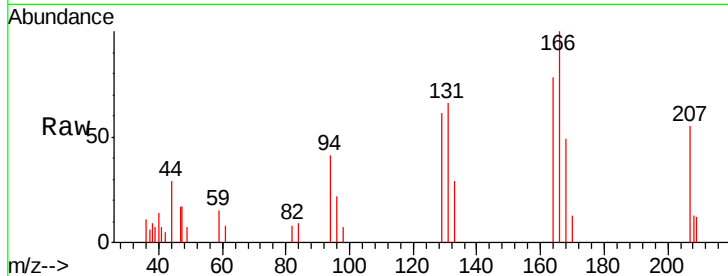
Acq: 11 Oct 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

RE-126D2-20181008



Tgt Ion:164 Resp: 1114

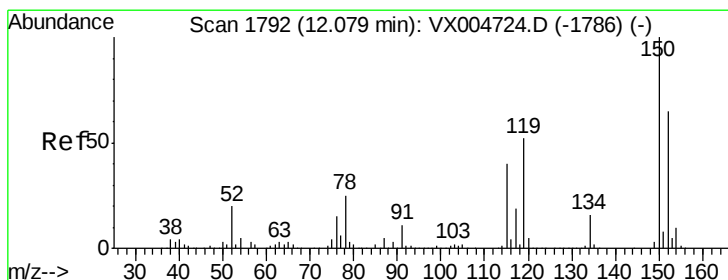
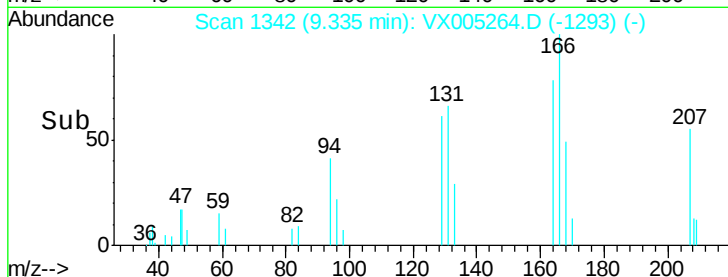
Ion Ratio Lower Upper

164 100

166 128.1 98.4 147.6

129 77.6 76.1 114.1

131 84.3 71.0 106.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005264.D

Acq: 11 Oct 2018 20:00

Tgt Ion:152 Resp: 153847

Ion Ratio Lower Upper

152 100

115 54.8 40.2 120.6

150 154.6 0.0 351.0

