

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005169.D
 Acq On : 09 Oct 2018 19:49
 Operator : JC/MD
 Sample : J5284-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

Quant Time: Oct 10 13:54:18 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	178810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154571	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	137552	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	5.51	113	115724	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.72	98	414554	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	144343	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	

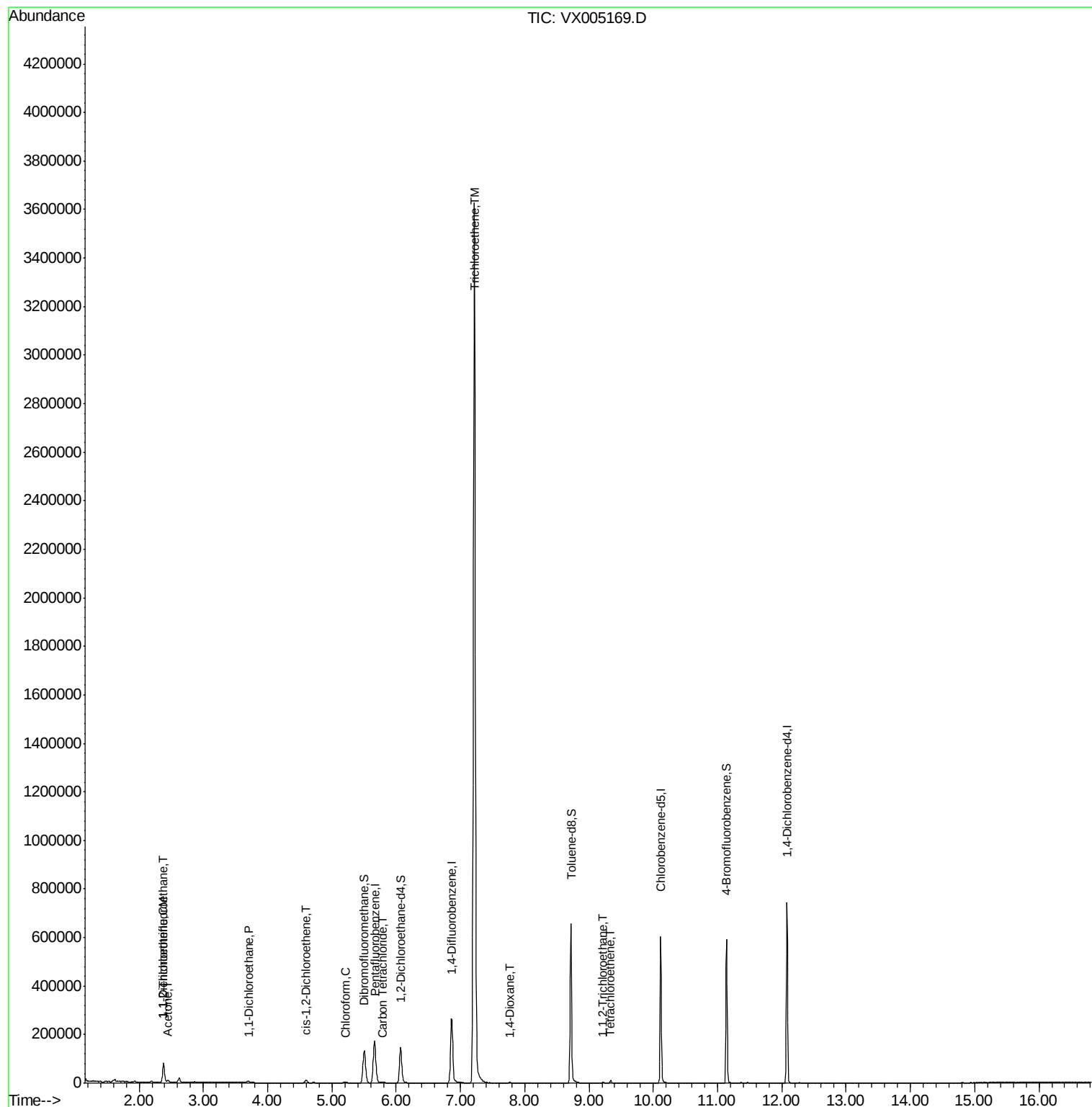
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24563	12.555	ug/l	99
12) 1,1-Dichloroethene	2.37	96	7951	4.104	ug/l	97
16) Acetone	2.45	43	6692	4.488	ug/l	90
24) 1,1-Dichloroethane	3.70	63	4238	0.998	ug/l #	94
27) cis-1,2-Dichloroethene	4.60	96	7223	3.049	ug/l	97
30) Chloroform	5.21	83	2751	0.685	ug/l	97
38) Carbon Tetrachloride	5.79	117	1991	0.580	ug/l	92
44) Trichloroethene	7.21	130	1445771	575.194	ug/l	96
49) 1,4-Dioxane	7.76	88	1566	22.194	ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	1373	0.558	ug/l	93
64) Tetrachloroethene	9.34	164	2131	0.776	ug/l #	83

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005169.D

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Instrument :

MSVOA_X

ClientSampleId :

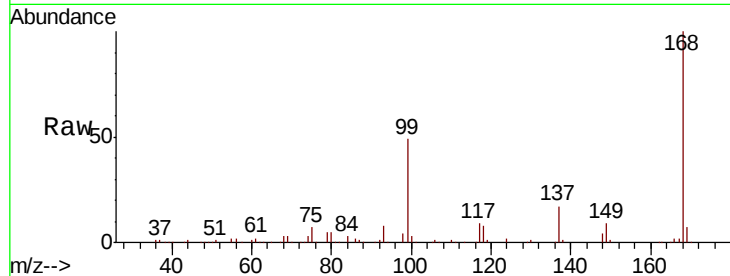
RE-120D2-20181002

Tot Ion:168 Resp: 178810

Ion Ratio Lower Upper

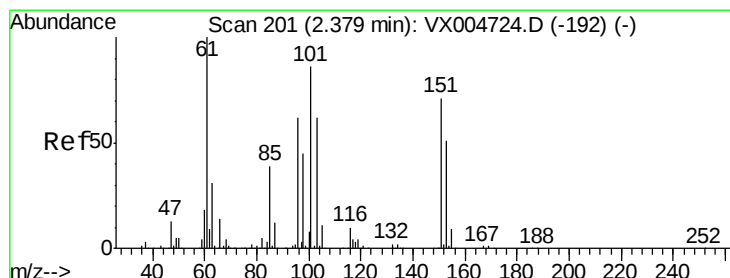
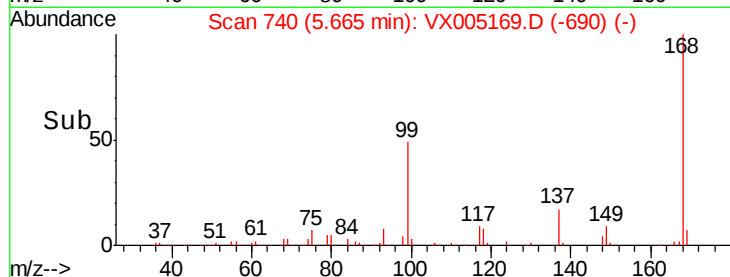
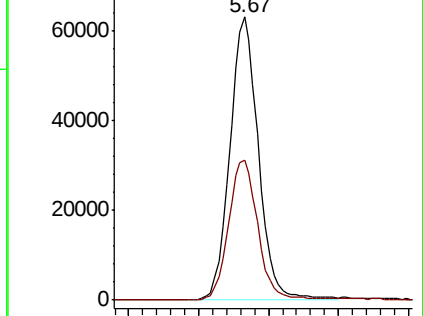
168 100

99 49.4 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: 12.555 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

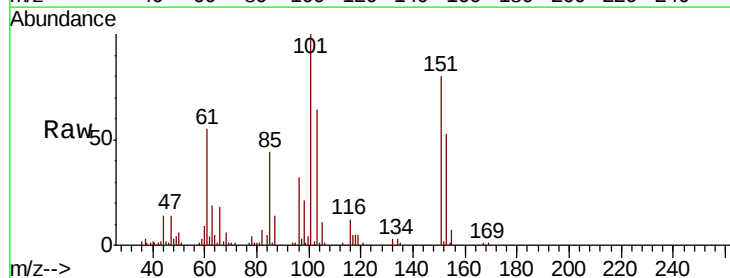
Tgt Ion:101 Resp: 24563

Ion Ratio Lower Upper

101 100

85 45.9 35.9 53.9

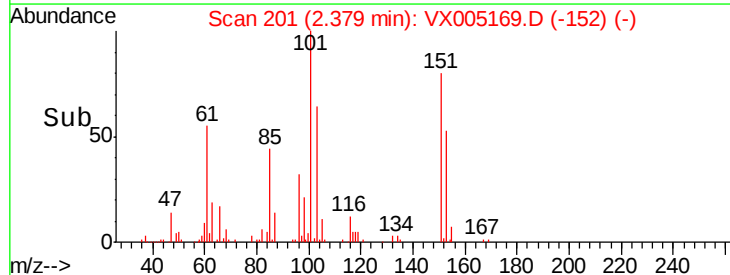
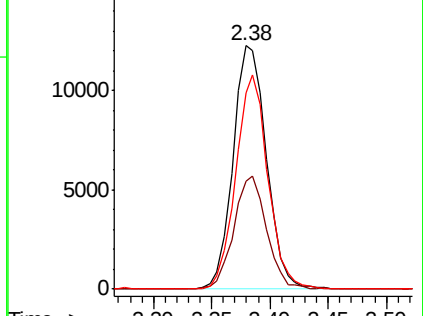
151 84.4 66.6 100.0

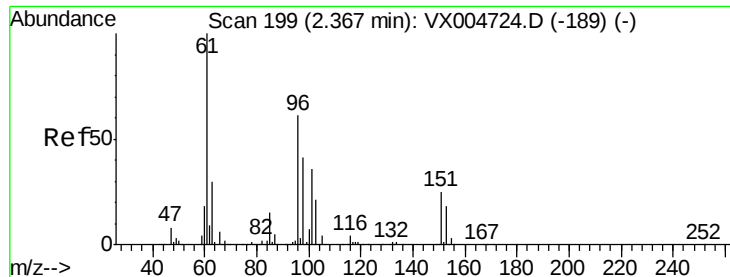


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 4.104 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

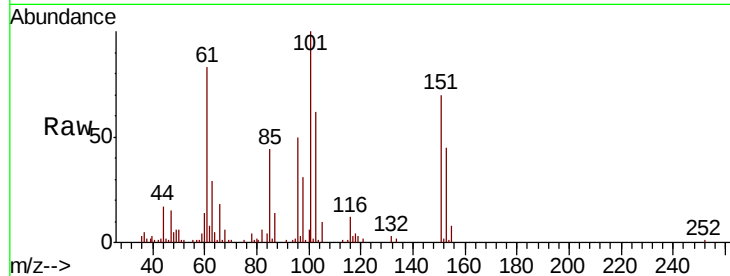
Tot Ion: 96 Resp: 7951

Ion Ratio Lower Upper

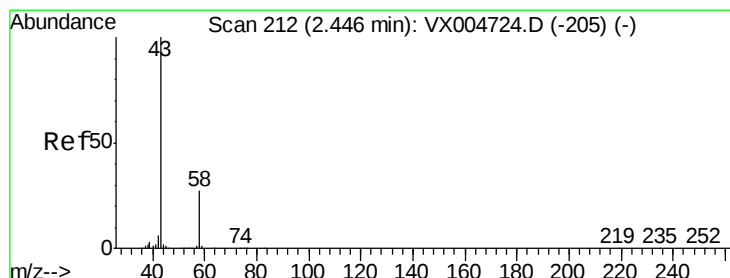
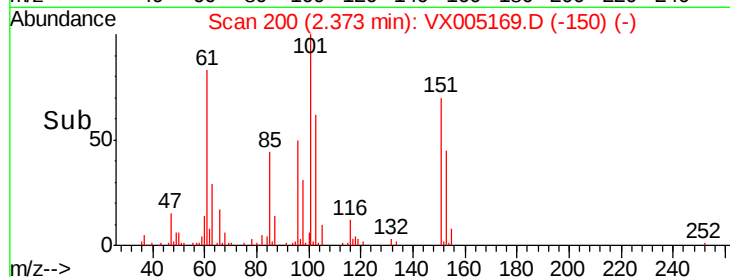
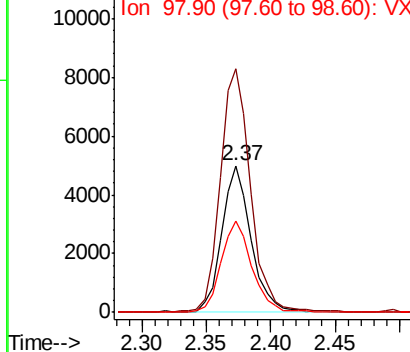
96 100

61 164.4 130.2 195.4

98 62.2 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



#16

Acetone

Concen: 4.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005169.D

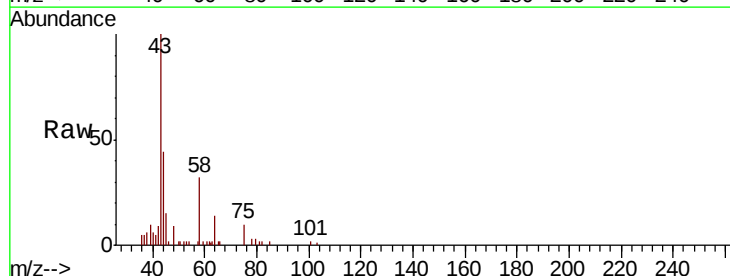
Acq: 09 Oct 2018 19:49

Tgt Ion: 43 Resp: 6692

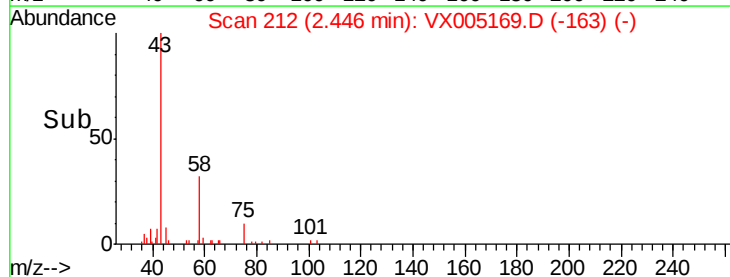
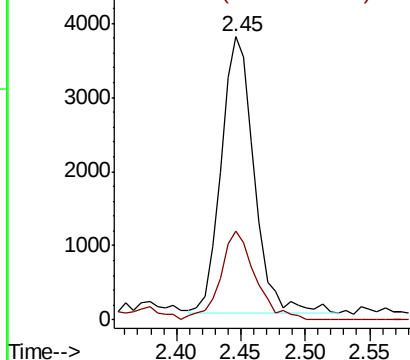
Ion Ratio Lower Upper

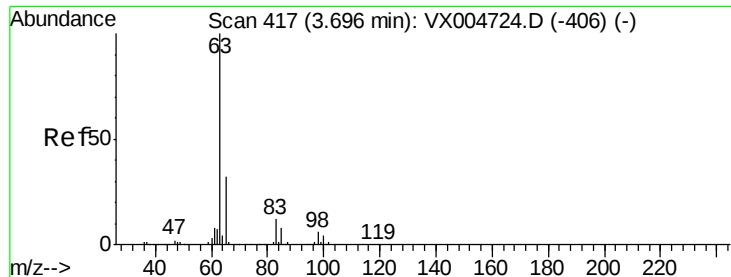
43 100

58 32.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 0.998 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

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RE-120D2-20181002

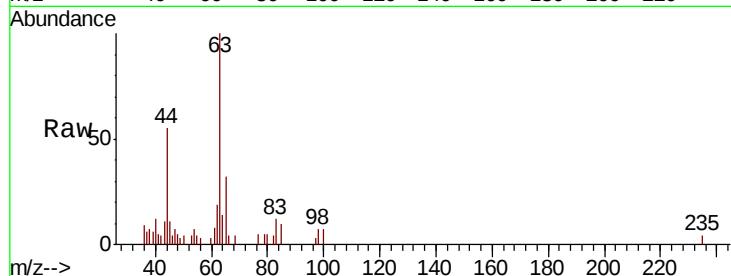
Tot Ion: 63 Resp: 4238

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

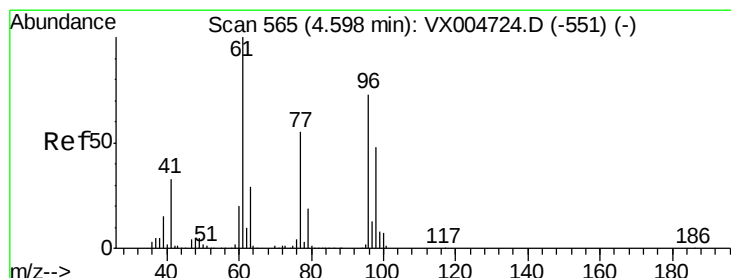
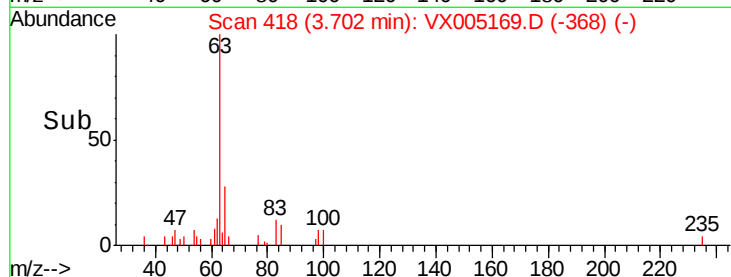
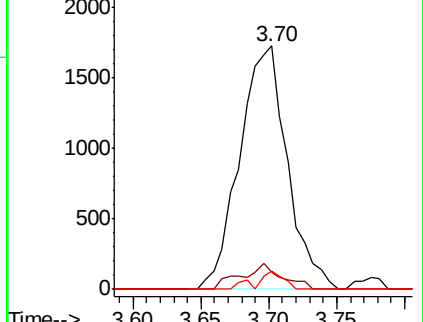
100 7.5 2.0 5.8#



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: 3.049 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

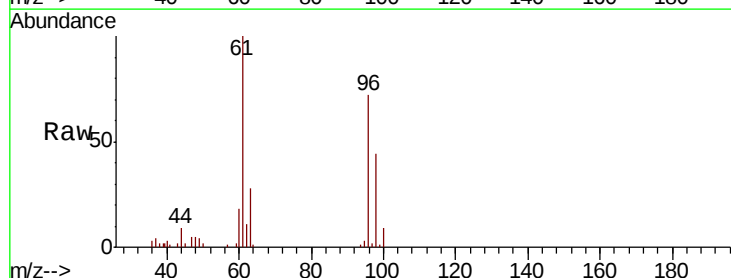
Tgt Ion: 96 Resp: 7223

Ion Ratio Lower Upper

96 100

61 140.9 0.0 285.8

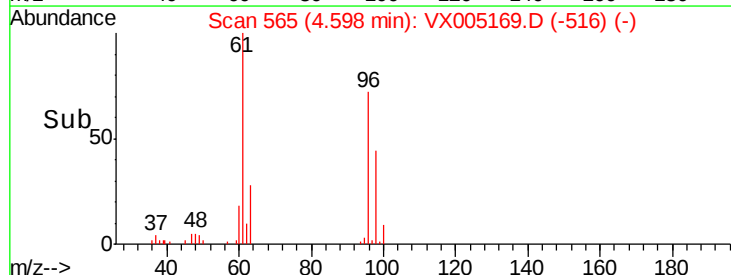
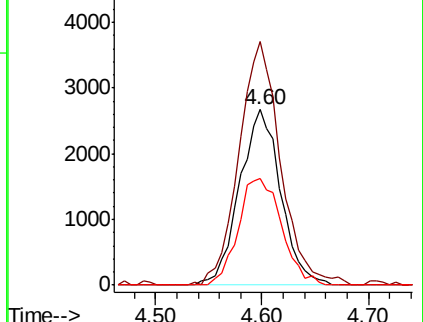
98 64.3 0.0 136.2

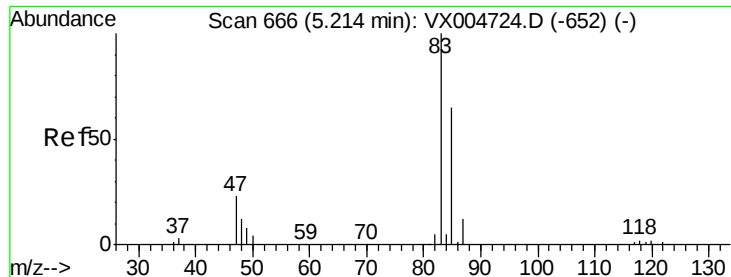


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

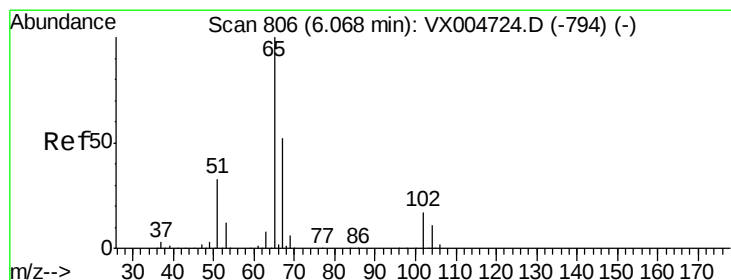
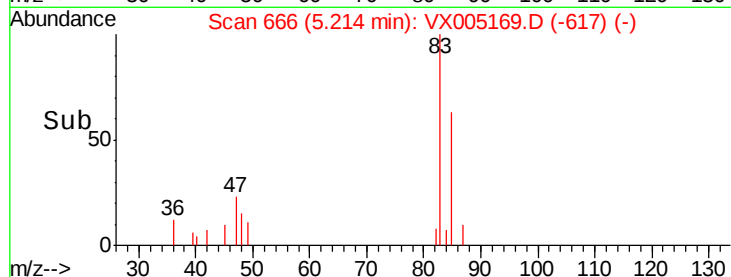
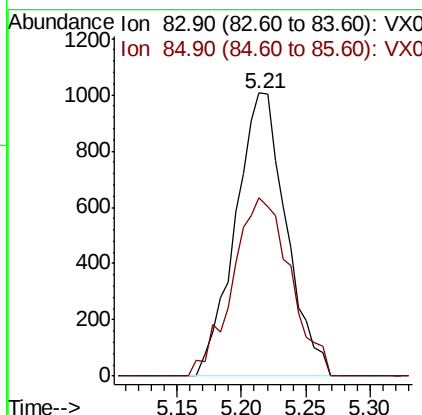
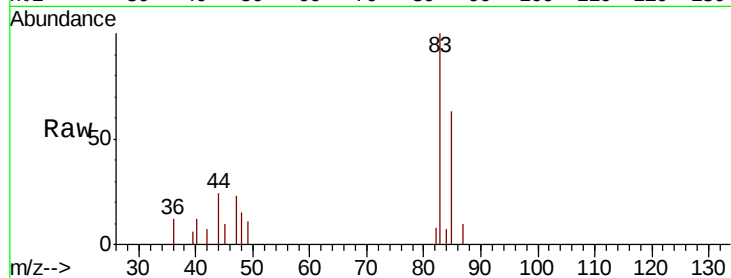




#30
Chloroform
Concen: 0.685 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

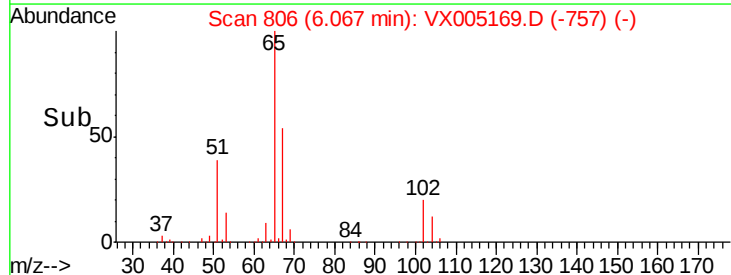
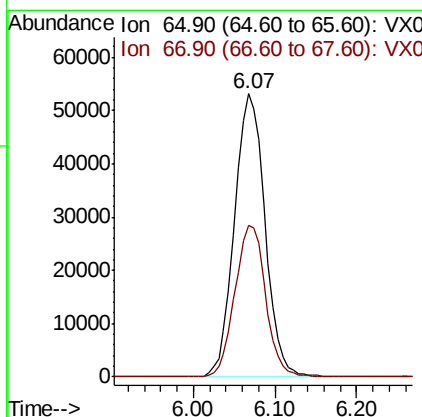
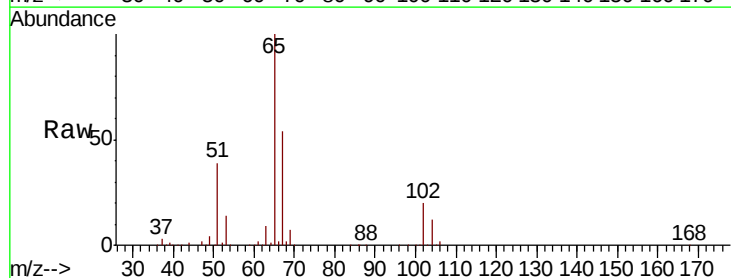
Instrument :
MSVOA_X
ClientSampleId :
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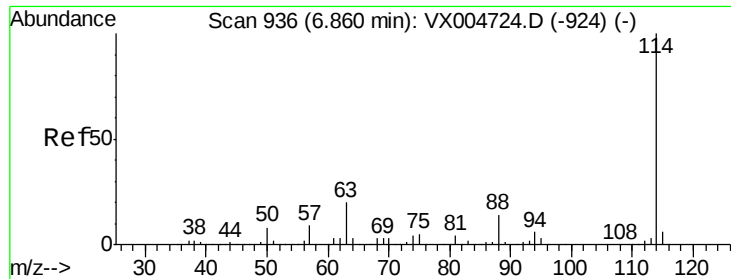
Tot Ion: 83 Resp: 2751
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 53.851 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion: 65 Resp: 137552
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

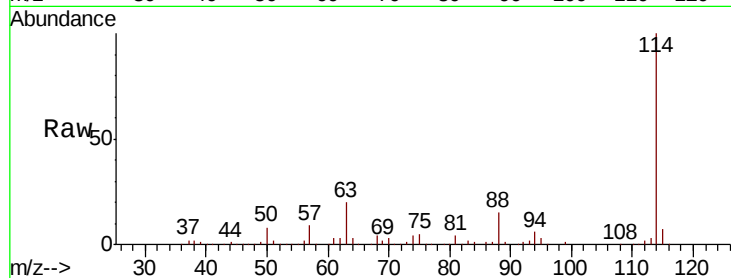




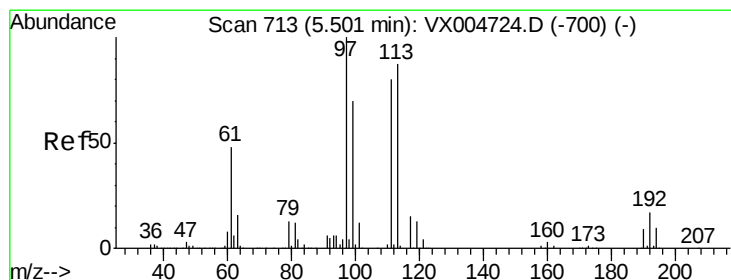
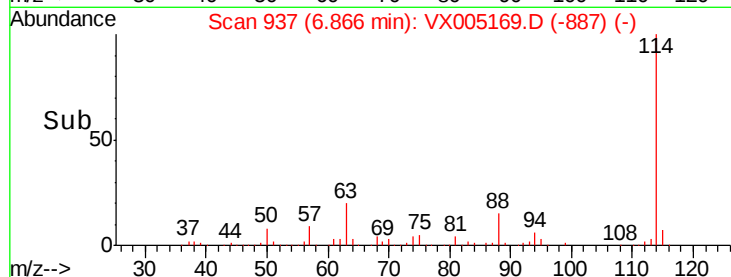
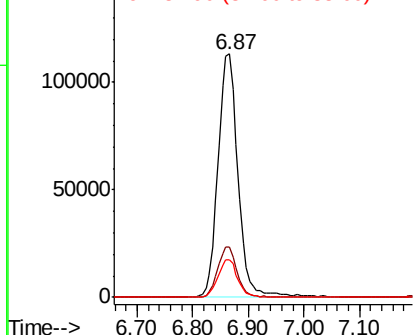
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

Tot Ion:114 Resp: 282442
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.2 0.0 27.0

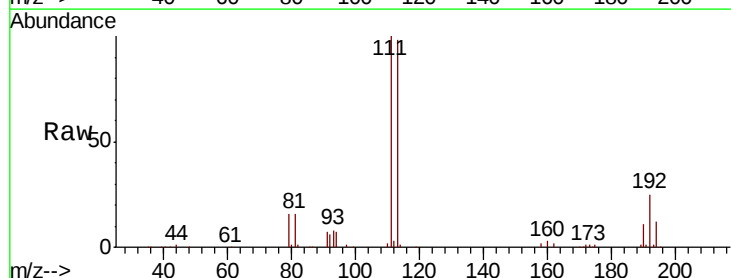


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

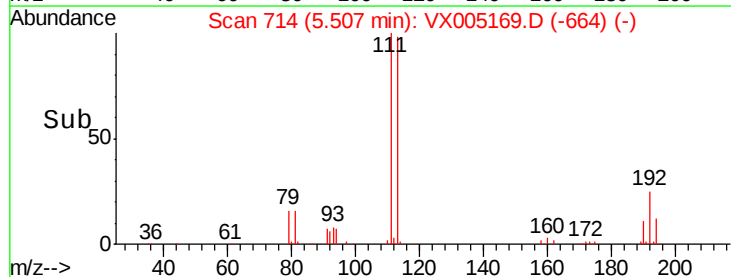
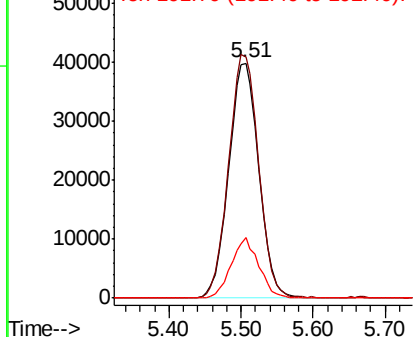


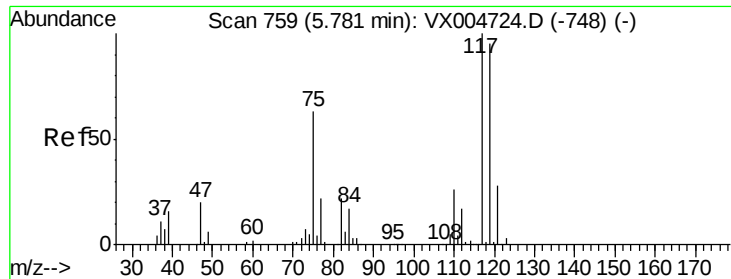
#35
 Dibromofluoromethane
 Concen: 48.345 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

Tgt Ion:113 Resp: 115724
 Ion Ratio Lower Upper
 113 100
 111 103.4 77.0 115.4
 192 23.5 17.0 25.6



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

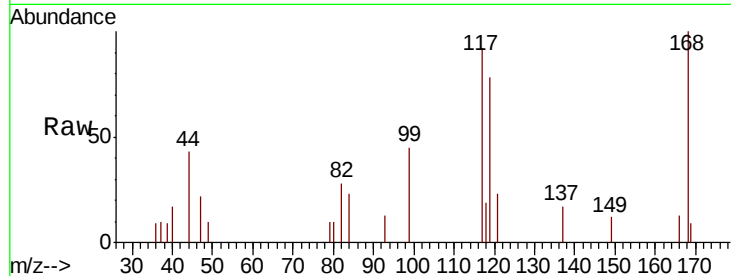




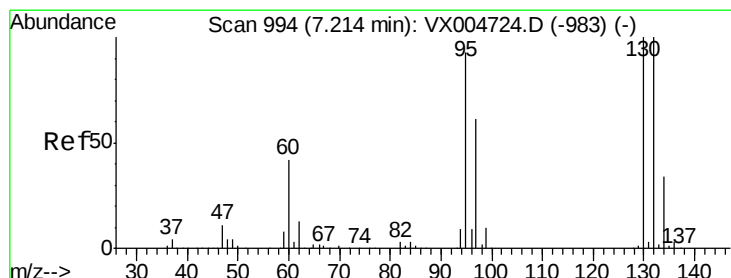
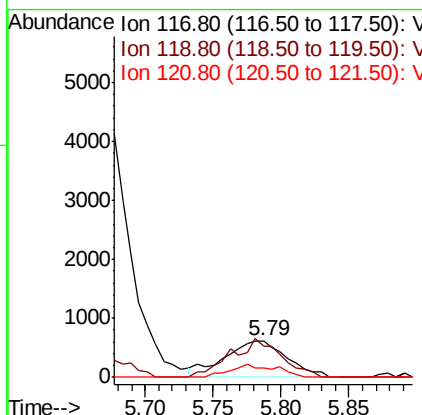
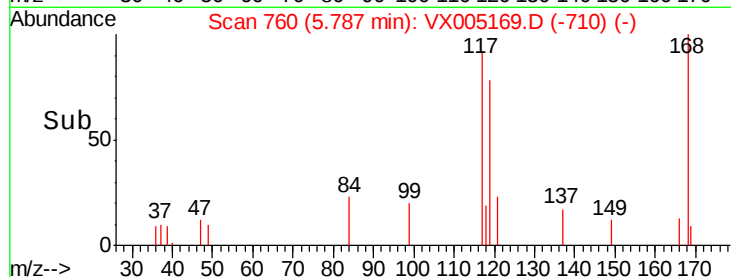
#38
Carbon Tetrachloride
Concen: 0.580 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Instrument :
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RE-120D2-20181002

Tot Ion:117 Resp: 1991
Ion Ratio Lower Upper
117 100
119 85.2 75.2 112.8
121 25.2 22.5 33.7

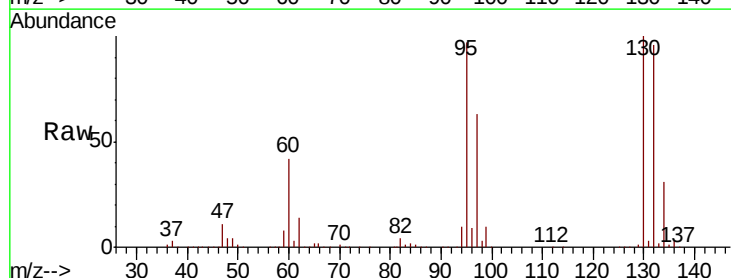


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

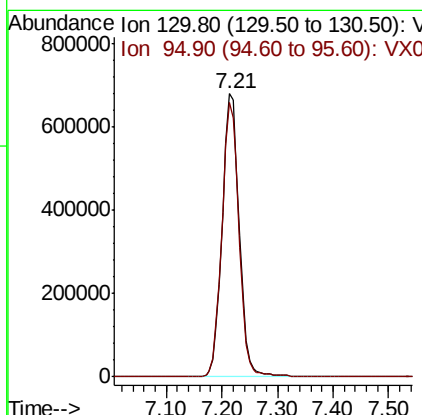
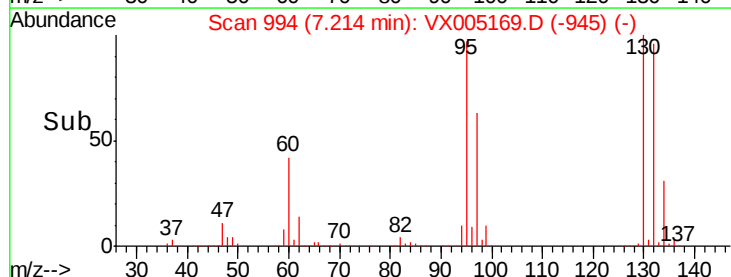


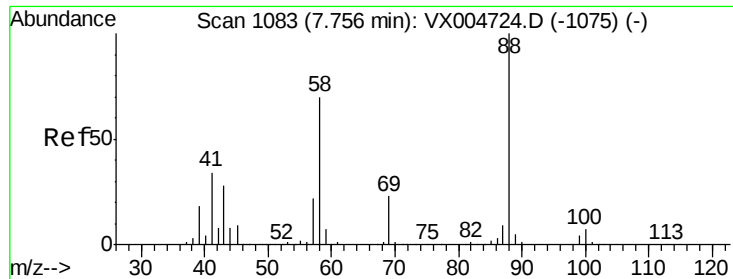
#44
Trichloroethene
Concen: 575.194 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion:130 Resp: 1445771
Ion Ratio Lower Upper
130 100
95 97.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

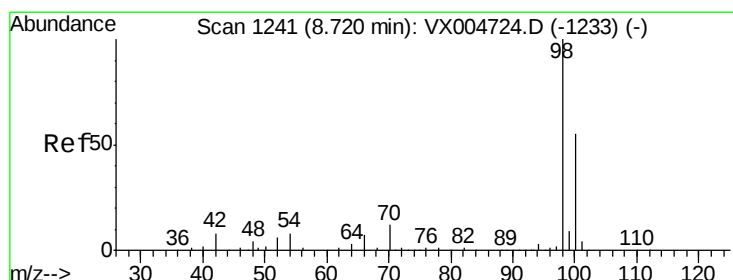
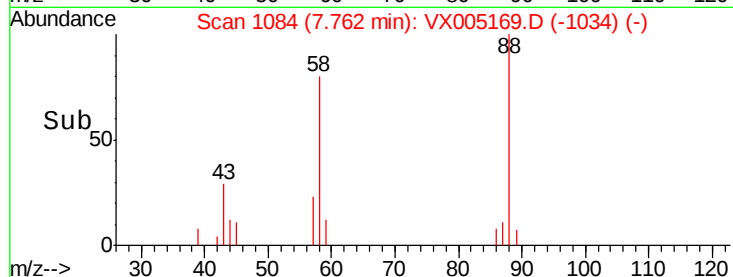
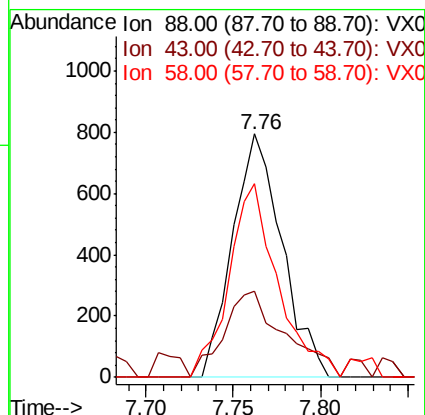
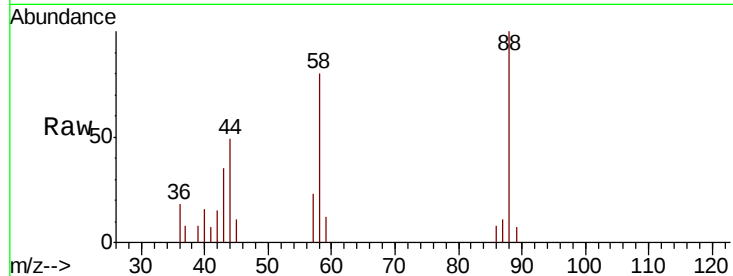




#49
1,4-Dioxane
Concen: 22.194 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

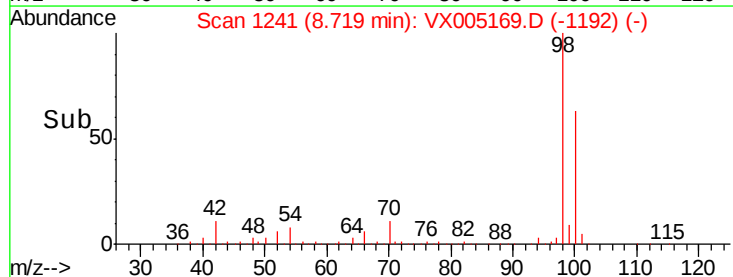
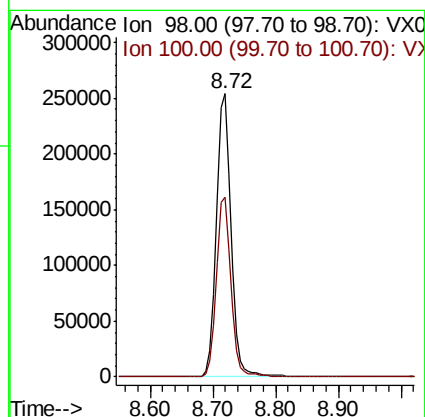
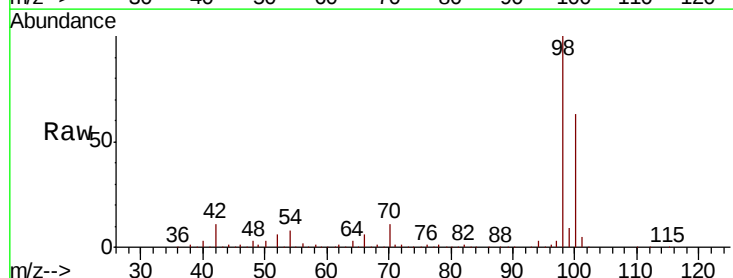
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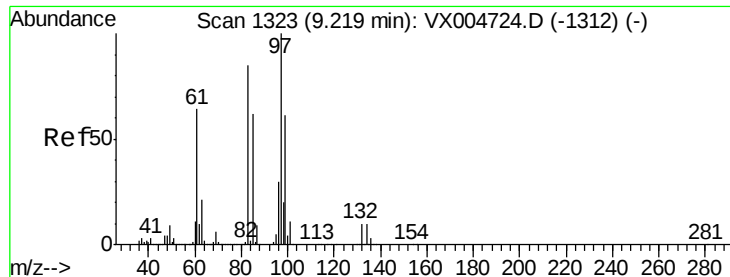
Tot Ion: 88 Resp: 1566
Ion Ratio Lower Upper
88 100
43 43.8 25.1 37.7#
58 78.9 56.2 84.2



#50
Toluene-d8
Concen: 52.093 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion: 98 Resp: 414554
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9





#55

1,1,2-Trichloroethane

Concen: 0.558 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

RE-120D2-20181002

Tot Ion: 97 Resp: 1373

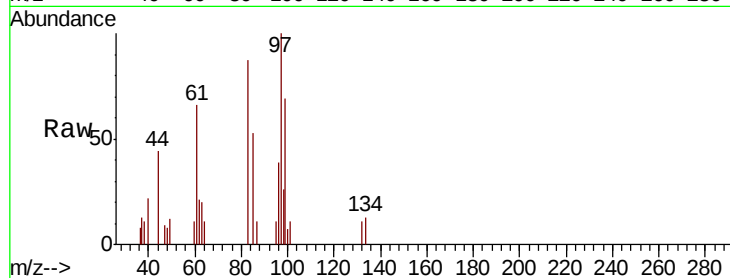
Ion Ratio Lower Upper

97 100

83 87.1 68.2 102.2

85 53.5 49.9 74.9

99 68.9 48.9 73.3

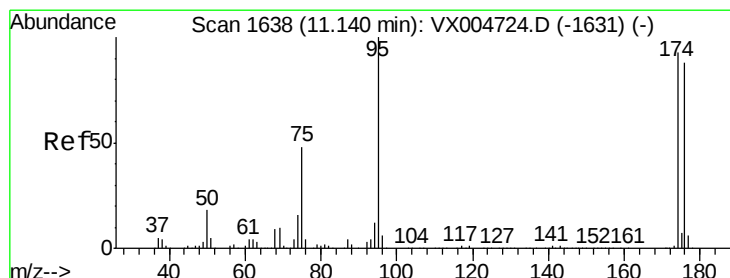
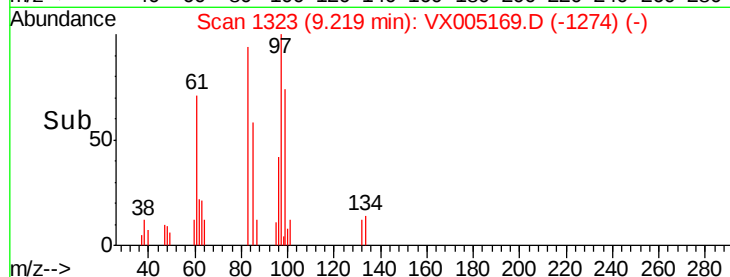
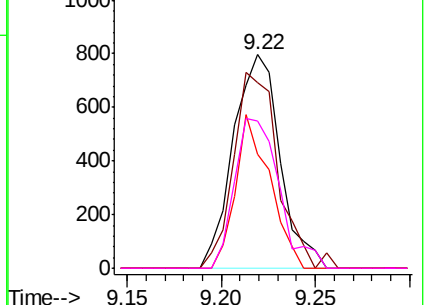


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 50.348 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005169.D

Acq: 09 Oct 2018 19:49

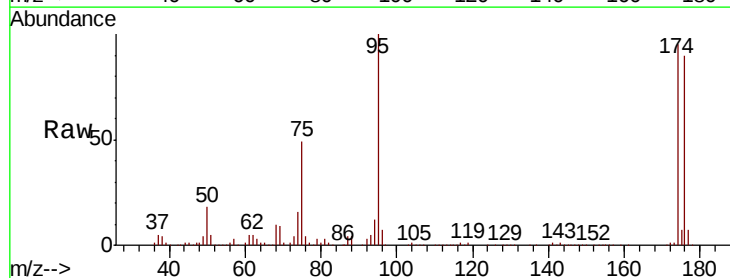
Tgt Ion: 95 Resp: 144343

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.0

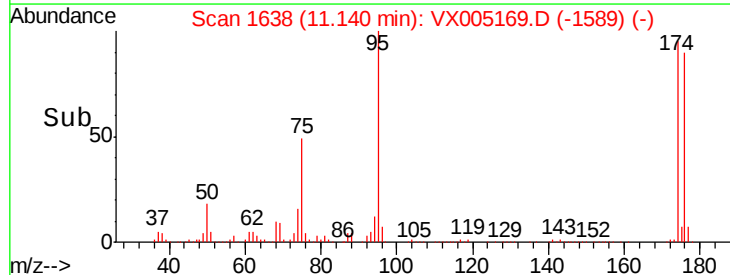
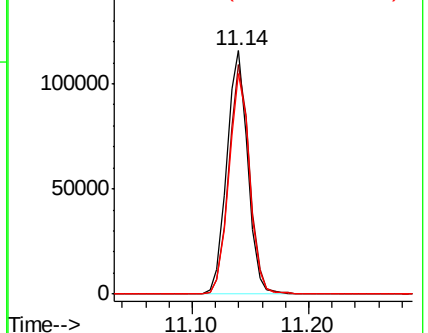
176 90.4 0.0 180.2

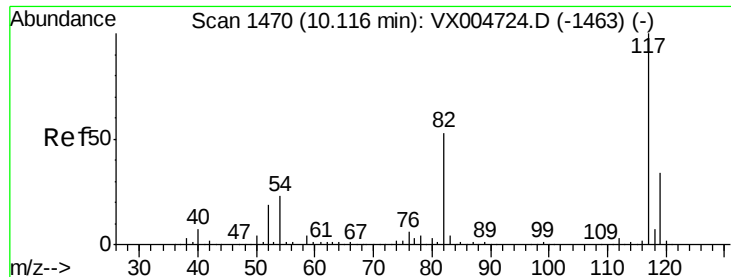


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

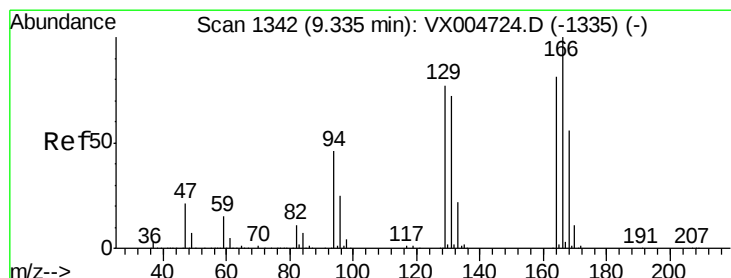
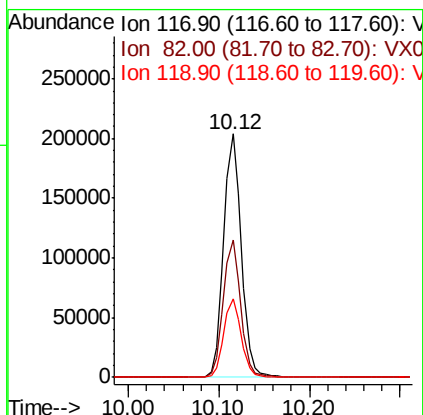
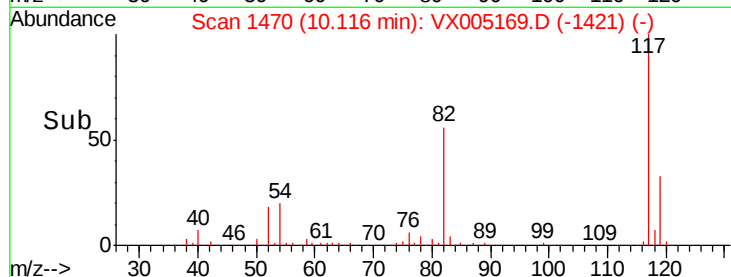
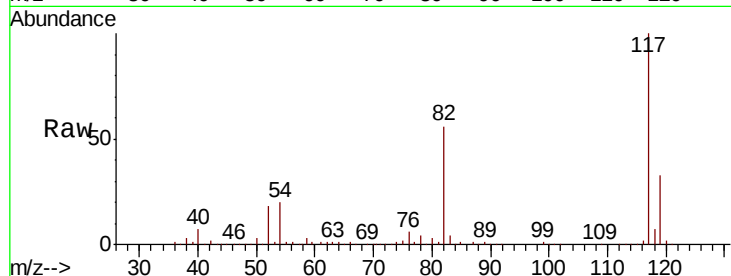




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

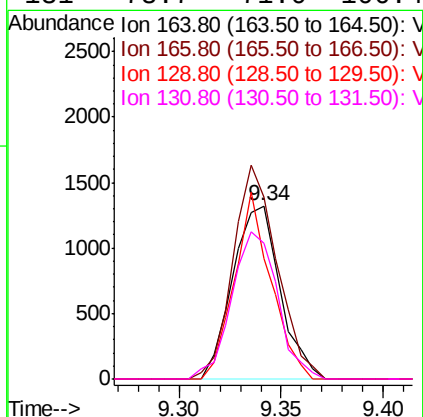
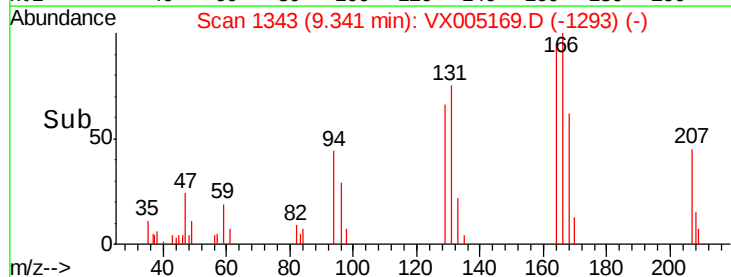
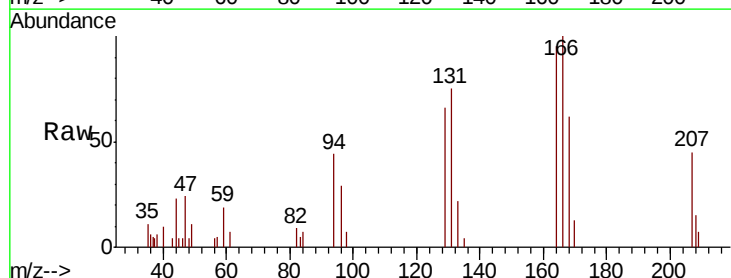
Instrument :
MSVOA_X
ClientSampleId :
RE-120D2-20181002

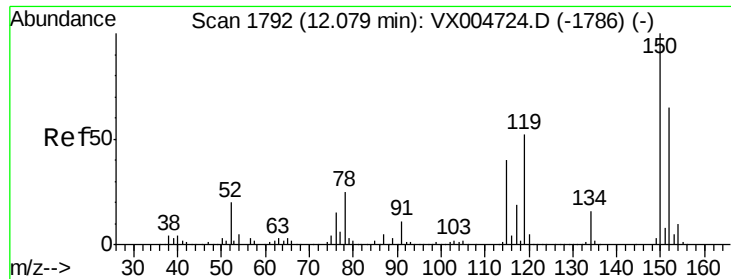
Tot Ion:117 Resp: 279151
Ion Ratio Lower Upper
117 100
82 56.4 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 0.776 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX005169.D
Acq: 09 Oct 2018 19:49

Tgt Ion:164 Resp: 2131
Ion Ratio Lower Upper
164 100
166 105.5 98.4 147.6
129 69.8 76.1 114.1#
131 78.7 71.0 106.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005169.D
 Acq: 09 Oct 2018 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D2-20181002

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	156.2	0.0	351.0

