

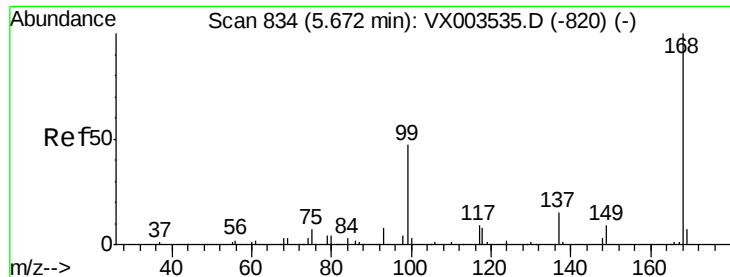
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003628.D
 Acq On : 24 Jul 2018 03:09
 Operator : JC/SP
 Sample : J4073-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Quant Time: Jul 24 09:03:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141524	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	5.51	113	134509	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.72	98	503866	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.14	95	171650	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2762	0.99	ug/l	92
12) 1,1-Dichloroethene	2.37	96	943	0.37	ug/l #	53
16) Acetone	2.45	43	7022	6.22	ug/l	93
30) Chloroform	5.22	83	1293	0.26	ug/l #	81
38) Carbon Tetrachloride	5.78	117	1426	0.37	ug/l	96
44) Trichloroethene	7.22	130	134061	38.36	ug/l	96
49) 1,4-Dioxane	7.77	88	900	13.48	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003628.D

Acq: 24 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

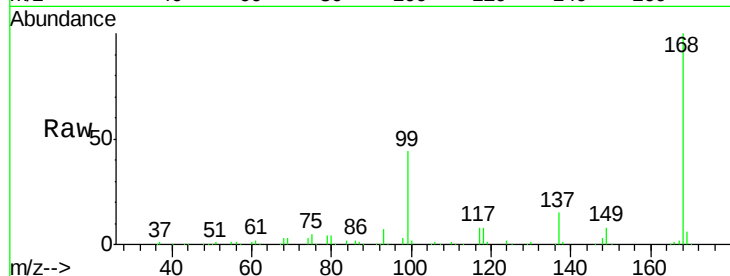
RE109D3-071618

Tot Ion:168 Resp: 252549

Ion Ratio Lower Upper

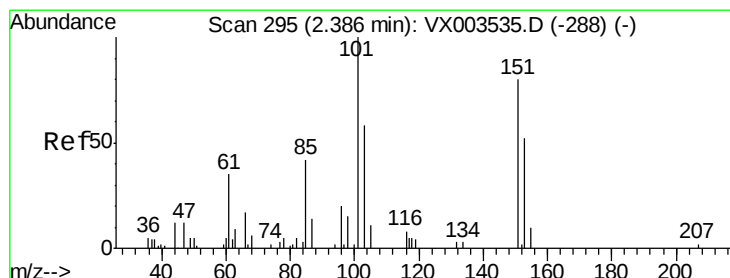
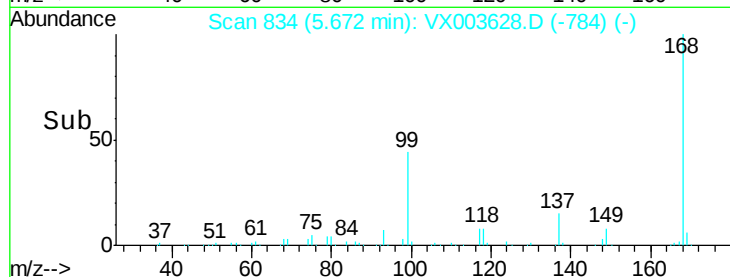
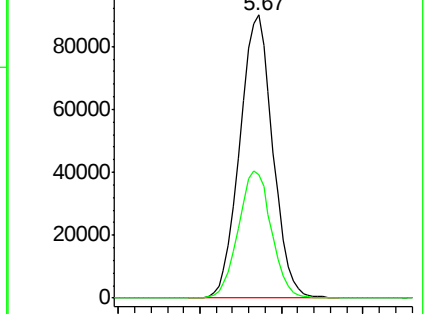
168 100

99 43.7 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: 0.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003628.D

Acq: 24 Jul 2018 03:09

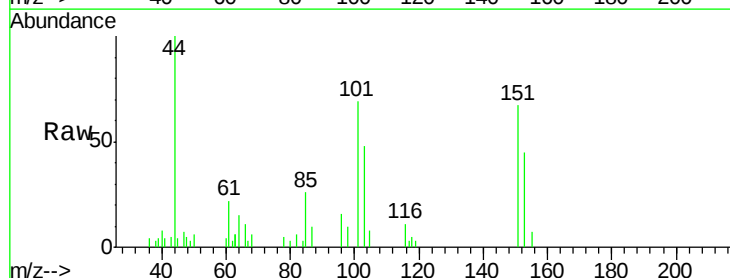
Tgt Ion:101 Resp: 2762

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

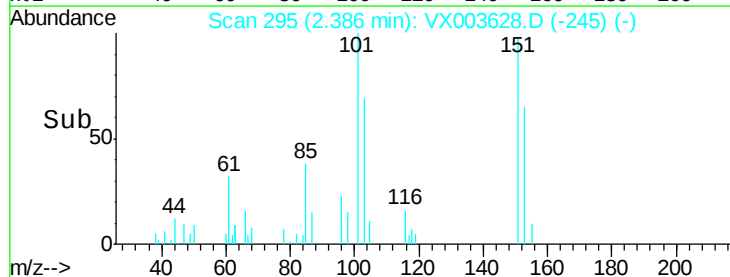
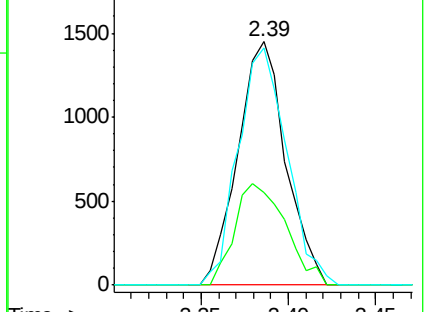
151 99.5 70.9 106.3

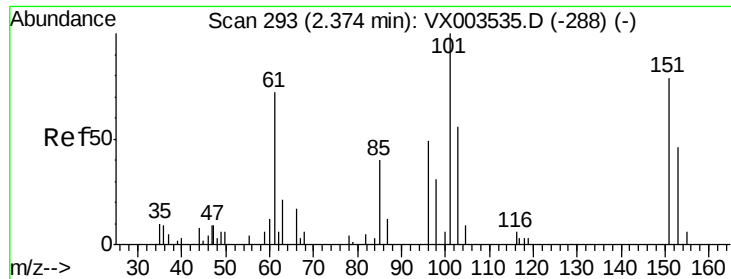


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.37 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003628.D

Acq: 24 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

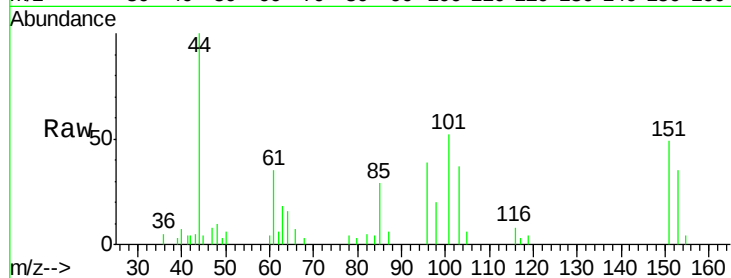
Tot Ion: 96 Resp: 943

Ion Ratio Lower Upper

96 100

61 91.3 137.9 206.9#

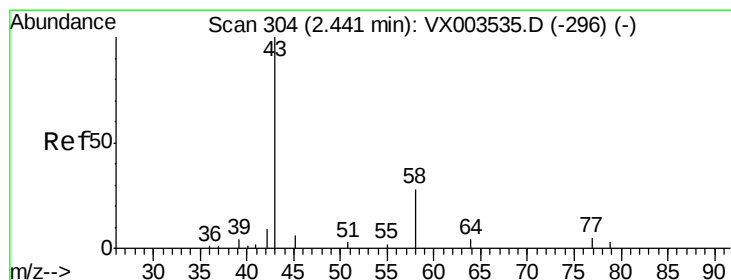
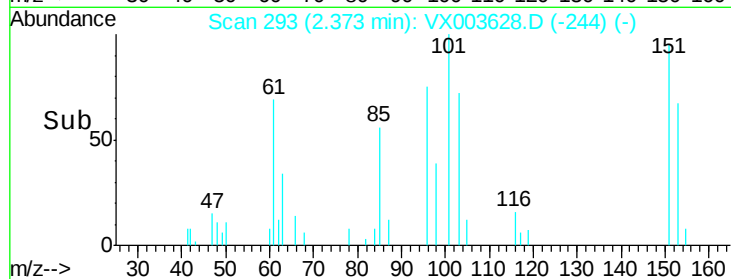
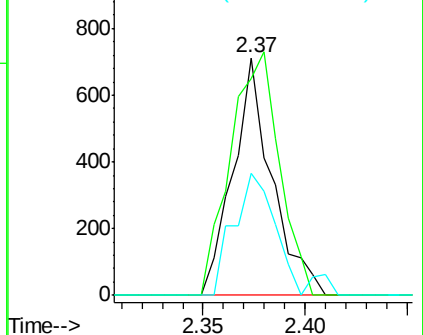
98 51.3 51.6 77.4#



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: 6.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003628.D

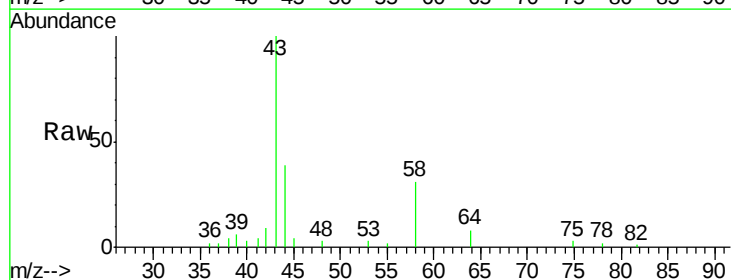
Acq: 24 Jul 2018 03:09

Tgt Ion: 43 Resp: 7022

Ion Ratio Lower Upper

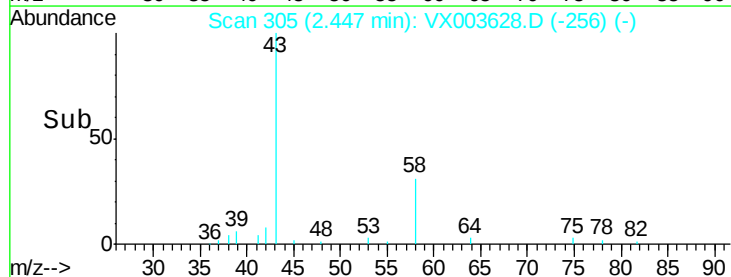
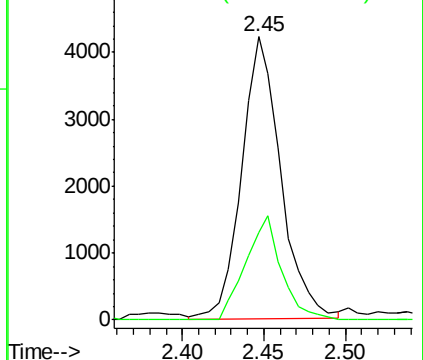
43 100

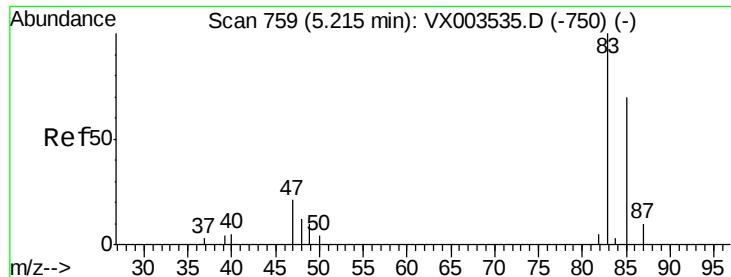
58 31.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

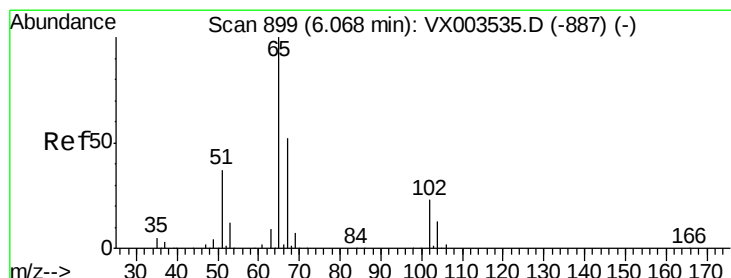
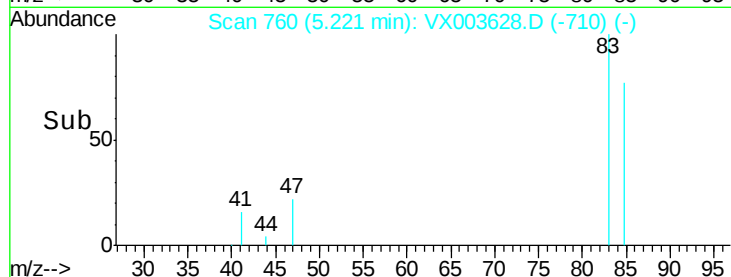
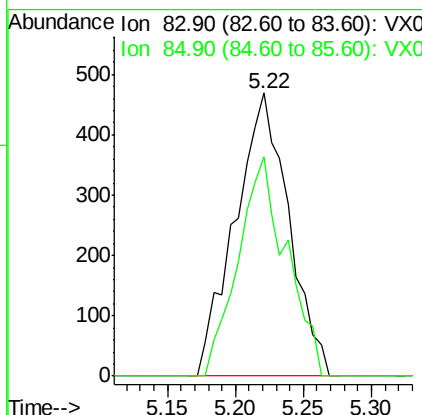
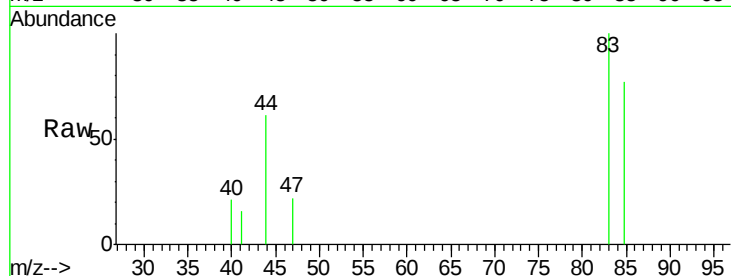




#30
Chloroform
Concen: 0.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003628.D
Acq: 24 Jul 2018 03:09

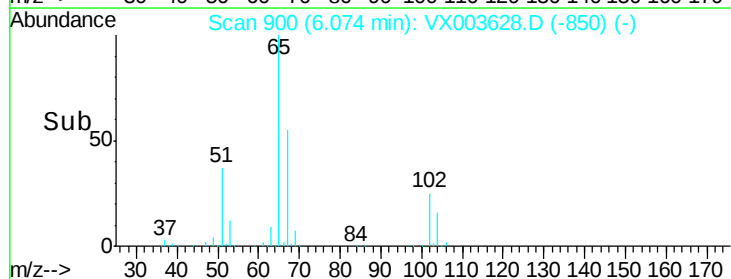
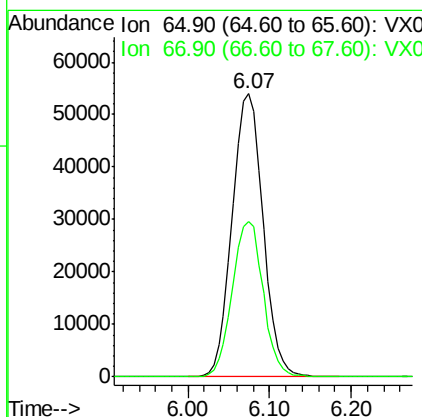
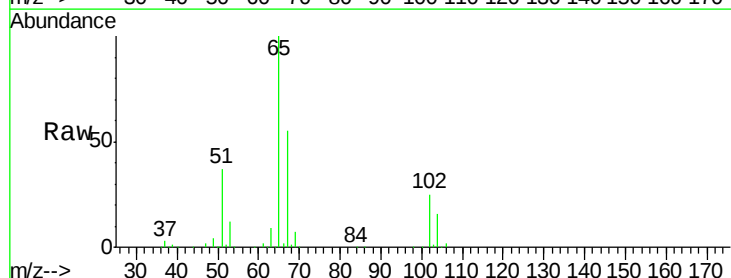
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

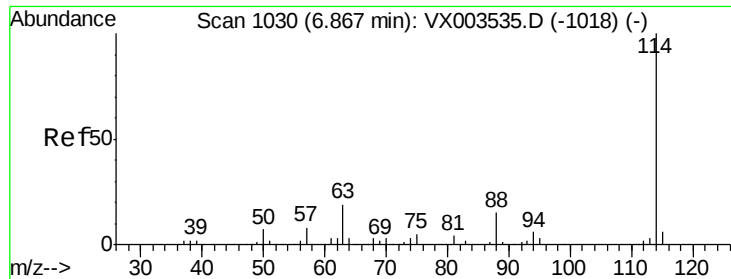
Tot Ion: 83 Resp: 1293
Ion Ratio Lower Upper
83 100
85 77.4 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 47.34 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003628.D
Acq: 24 Jul 2018 03:09

Tgt Ion: 65 Resp: 141524
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.6

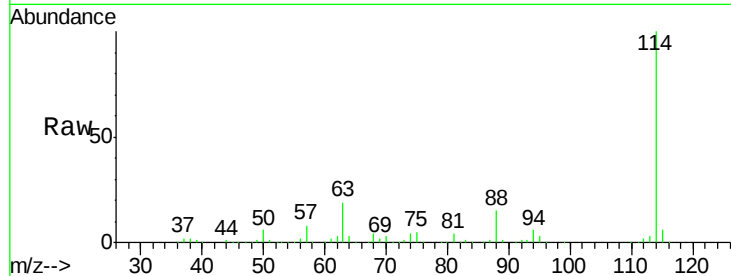




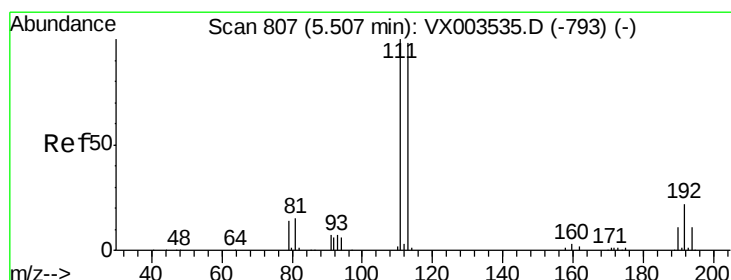
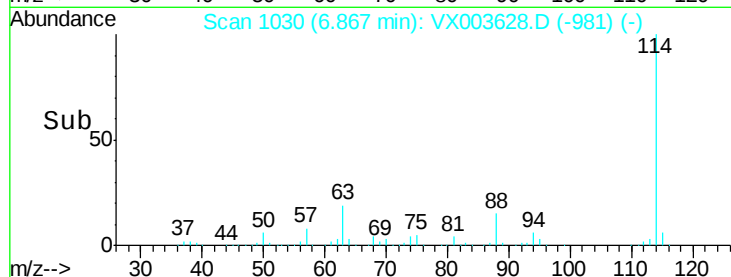
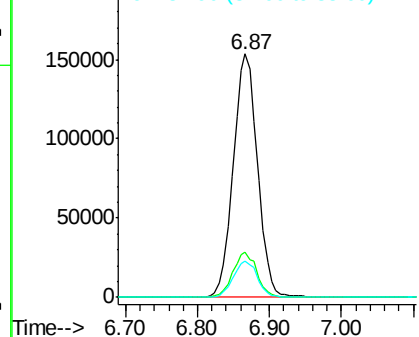
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003628.D
 Acq: 24 Jul 2018 03:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Tot Ion:114 Resp: 359472
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.0 0.0 30.0

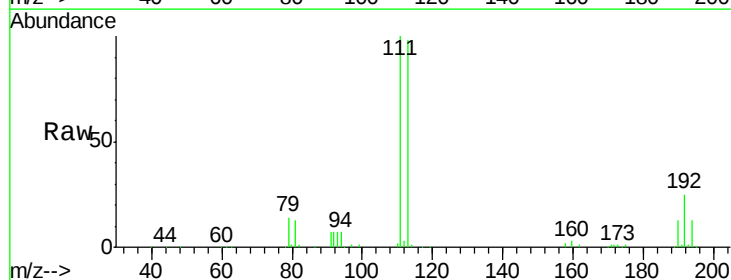


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

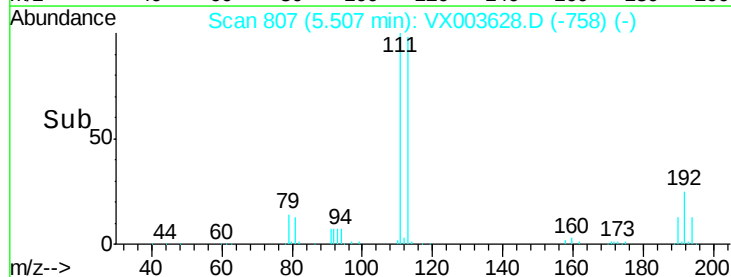
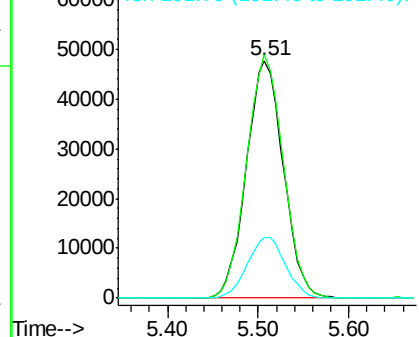


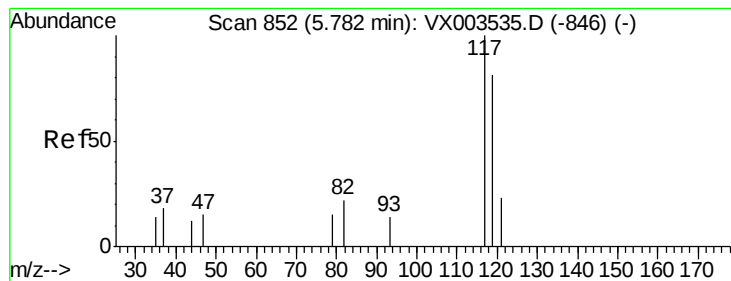
#35
 Dibromofluoromethane
 Concen: 49.13 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003628.D
 Acq: 24 Jul 2018 03:09

Tgt Ion:113 Resp: 134509
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 26.4 19.1 28.7



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: 0.37 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003628.D

Acq: 24 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

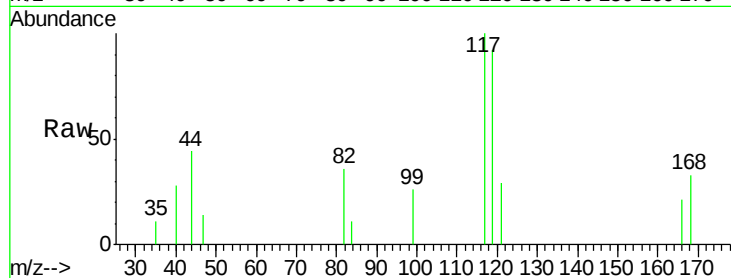
Tot Ion:117 Resp: 1426

Ion Ratio Lower Upper

117 100

119 92.1 77.4 116.0

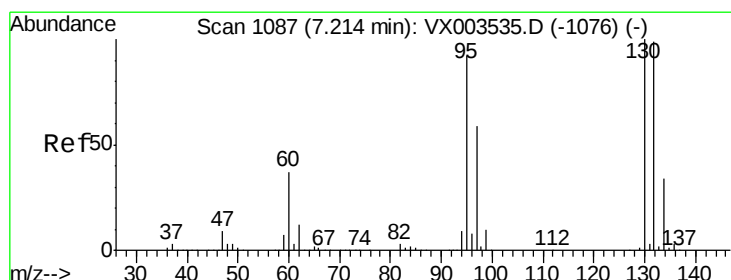
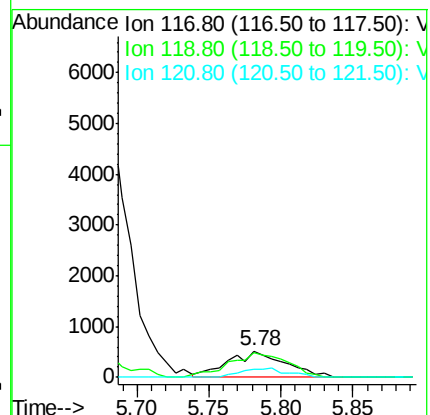
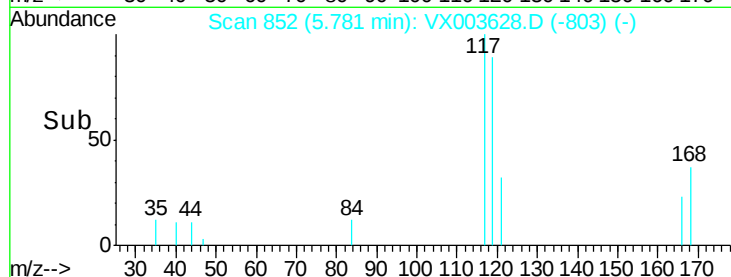
121 28.6 24.4 36.6



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: 38.36 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003628.D

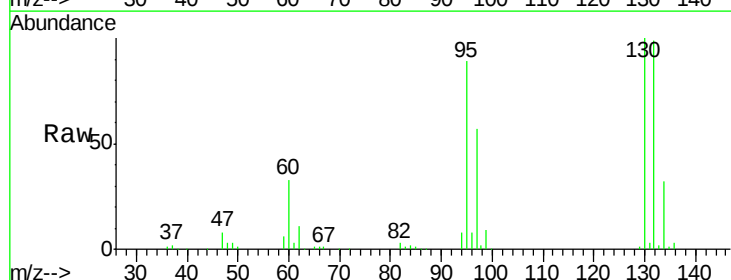
Acq: 24 Jul 2018 03:09

Tgt Ion:130 Resp: 134061

Ion Ratio Lower Upper

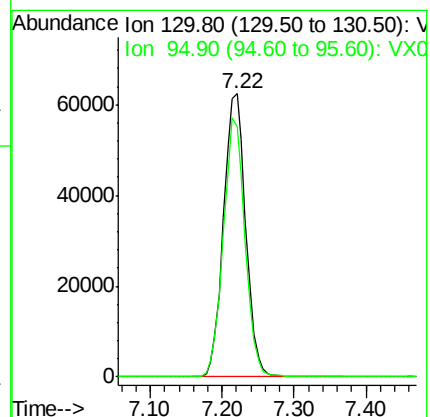
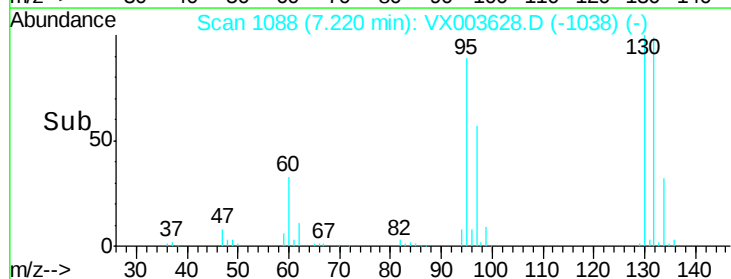
130 100

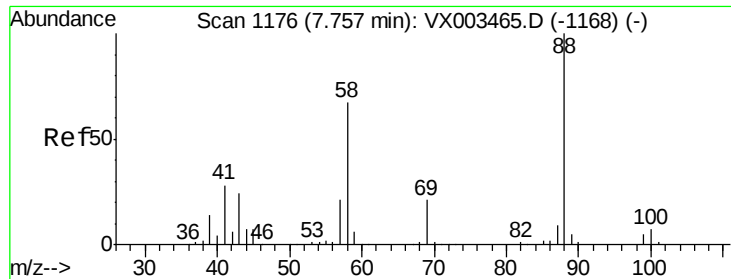
95 88.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

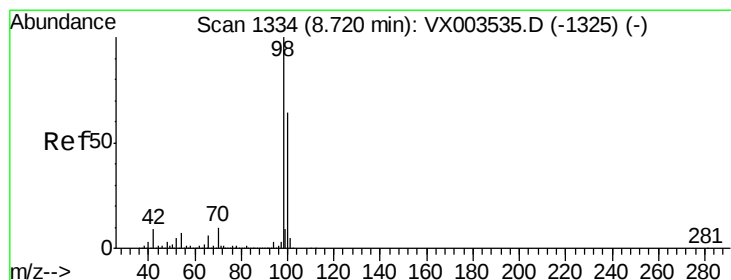
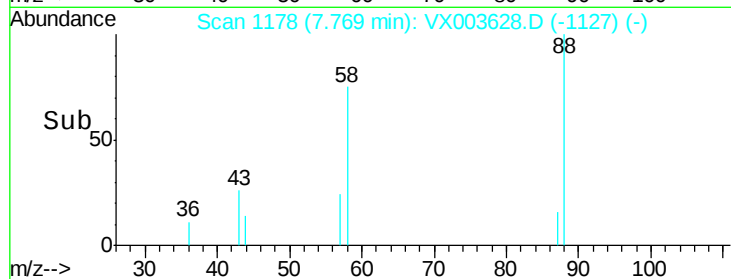
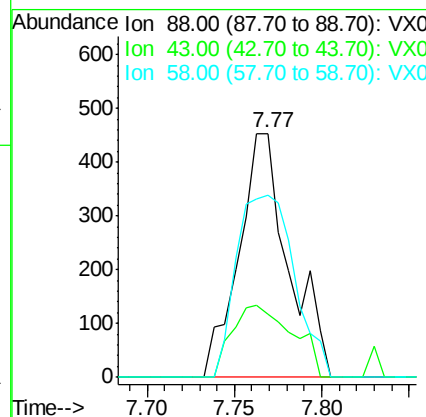
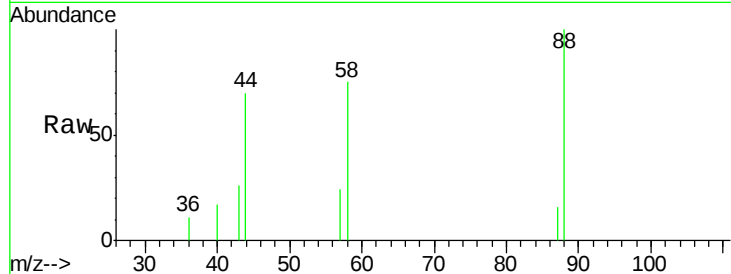




#49
 1,4-Dioxane
 Concen: 13.48 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX003628.D
 Acq: 24 Jul 2018 03:09

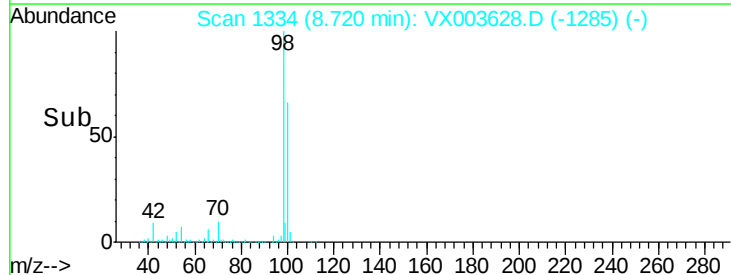
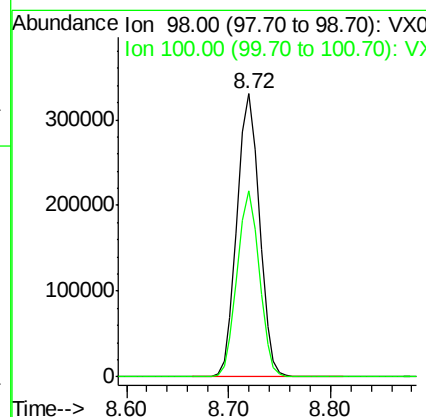
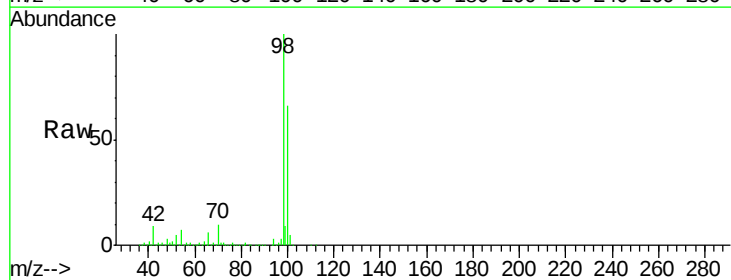
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

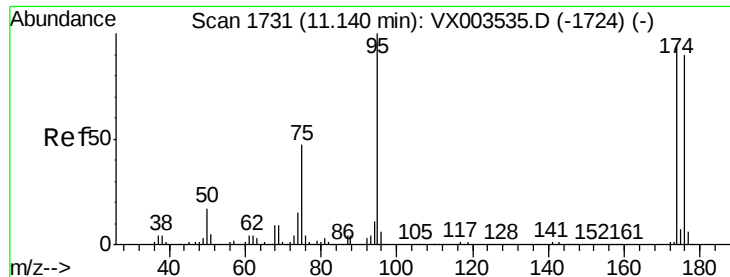
Tot Ion: 88 Resp: 900
 Ion Ratio Lower Upper
 88 100
 43 35.8 29.8 44.6
 58 87.0 57.1 85.7#



#50
 Toluene-d8
 Concen: 48.96 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003628.D
 Acq: 24 Jul 2018 03:09

Tgt Ion: 98 Resp: 503866
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.9 76.3

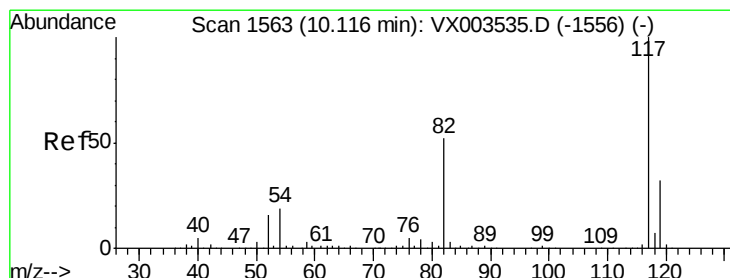
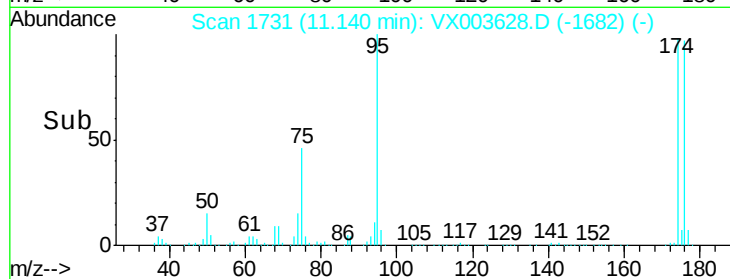
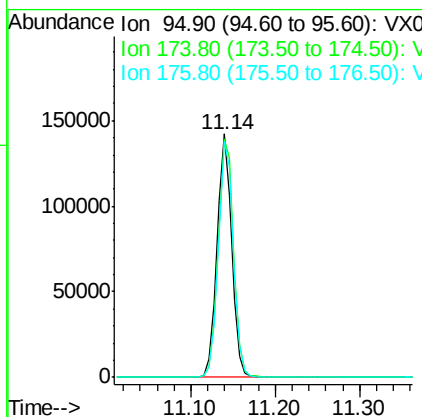
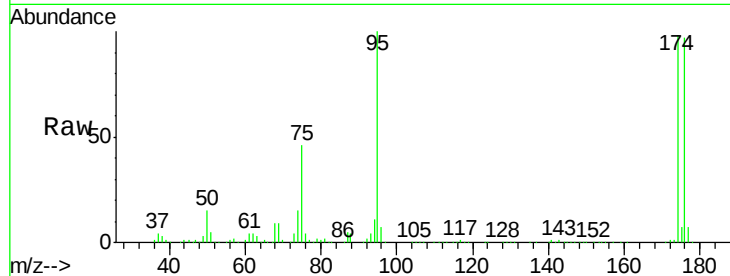




#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003628.D
Acq: 24 Jul 2018 03:09

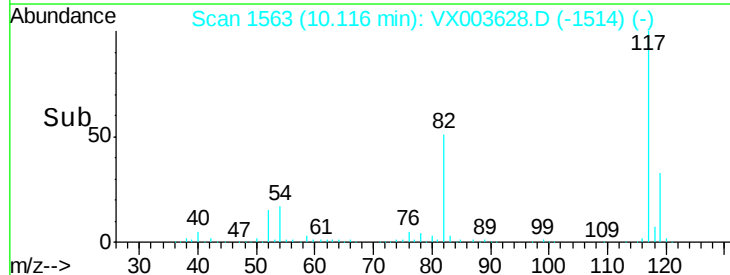
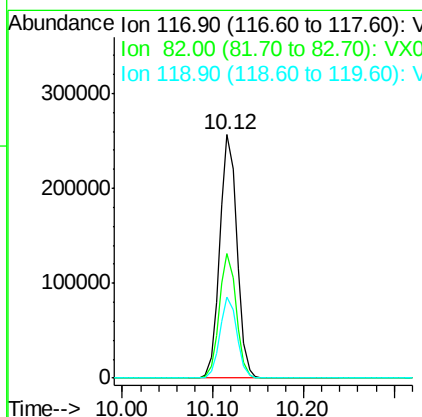
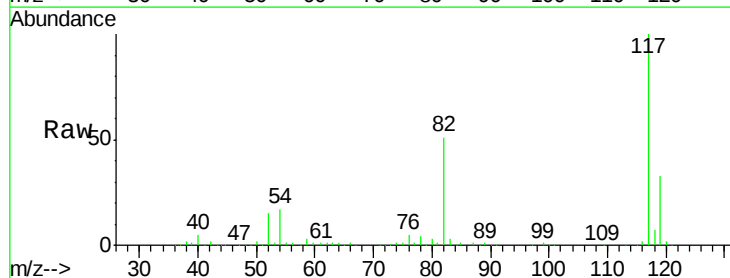
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

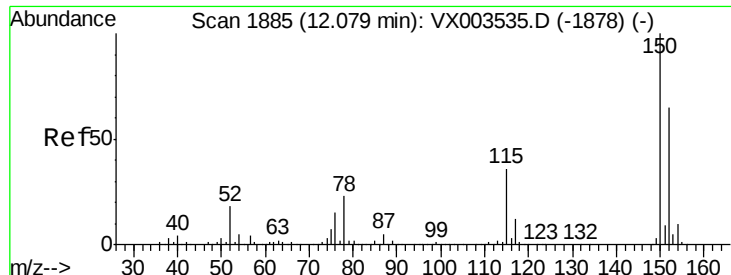
Tot Ion: 95 Resp: 171650
Ion Ratio Lower Upper
95 100
174 102.8 0.0 187.4
176 99.5 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003628.D
Acq: 24 Jul 2018 03:09

Tgt Ion: 117 Resp: 340966
Ion Ratio Lower Upper
117 100
82 51.2 45.0 67.4
119 33.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003628.D

Acq: 24 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

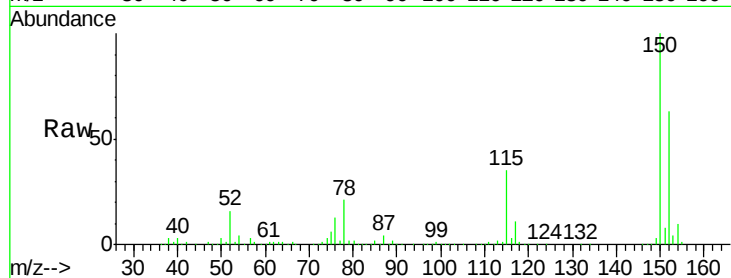
Tot Ion:152 Resp: 190753

Ion Ratio Lower Upper

152 100

115 52.7 40.1 120.2

150 156.6 0.0 347.2



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

