

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007562.D
 Acq On : 15 Feb 2019 12:38
 Operator : JC/SP
 Sample : VX0216WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 04:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	501316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	780744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	712393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342309	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	272576	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
35) Dibromofluoromethane	5.50	113	255018	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	8.71	98	922236	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	324468	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	

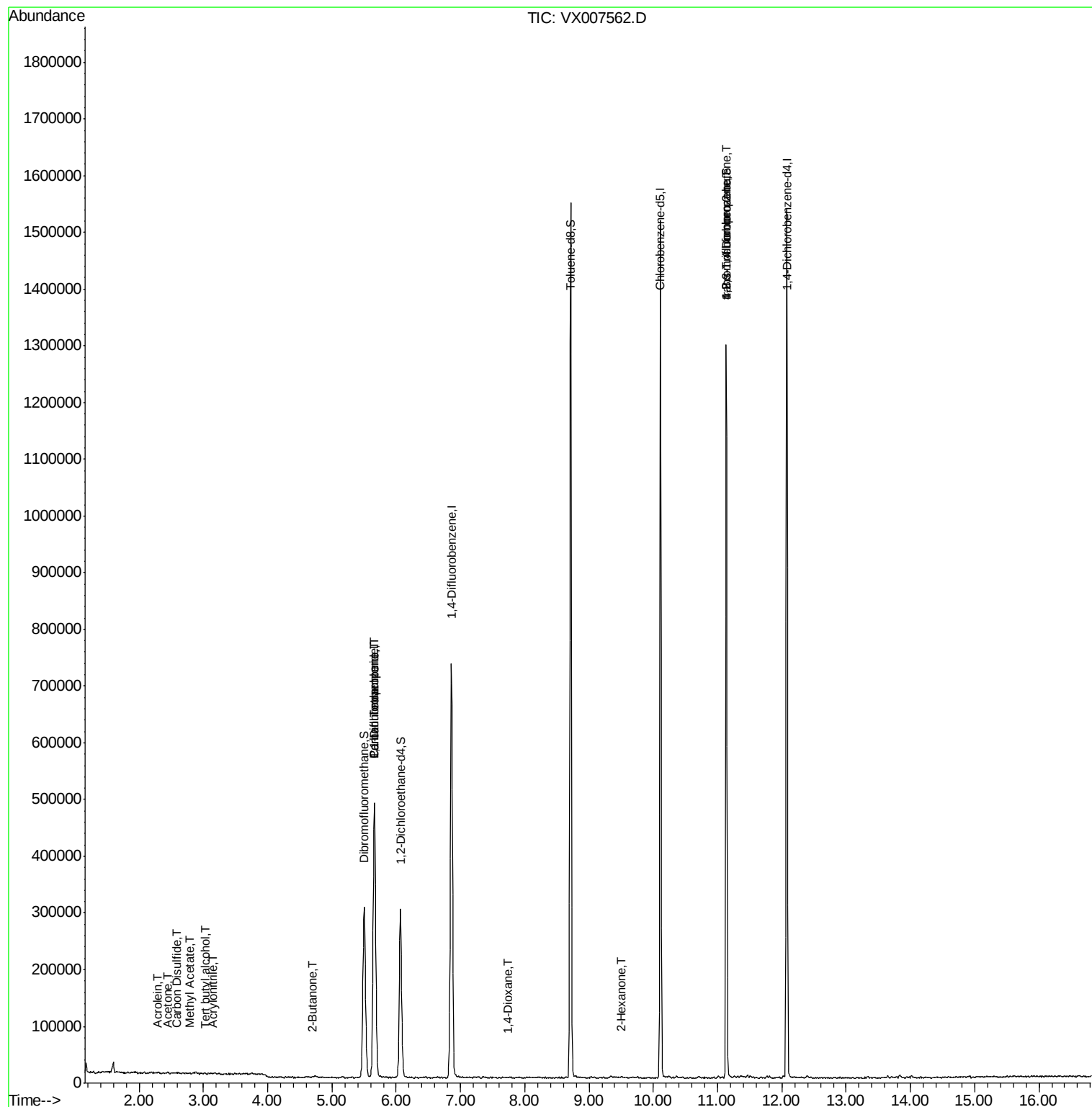
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1585	Below Cal	#	57
11) Tert butyl alcohol	3.03	59	283	0.257	ug/l #	1
13) Acrolein	2.29	56	649	1.257	ug/l #	69
15) Acrylonitrile	3.15	53	944	0.347	ug/l #	76
16) Acetone	2.45	43	1559	0.640	ug/l	99
17) Carbon Disulfide	2.57	76	2848	2.339	ug/l	96
18) Methyl Acetate	2.78	43	1768	0.868	ug/l #	66
20) Methylene Chloride	2.86	84	1131	Below Cal	#	79
25) 2-Butanone	4.70	43	1244	0.359	ug/l #	56
36) 1,1-Dichloropropene	5.67	75	32778	4.679	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45845	6.746	ug/l #	17
49) 1,4-Dioxane	7.74	88	264	8.988	ug/l #	60
59) 2-Hexanone	9.50	43	1179	0.211	ug/l	81
76) 1,2,3-Trichloropropane	11.13	75	154547	23.211	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	154547	69.904	ug/l #	9

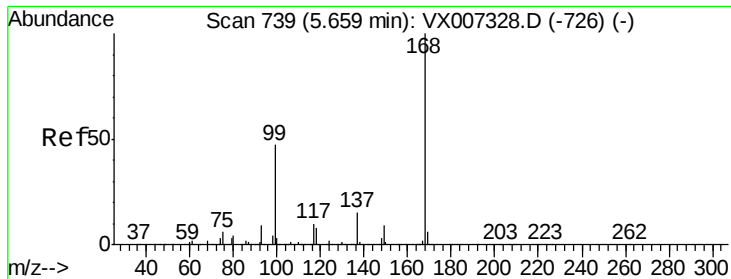
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021619\
Data File : VX007562.D
Acq On : 15 Feb 2019 12:38
Operator : JC/SP
Sample : VX0216WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 04:02:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



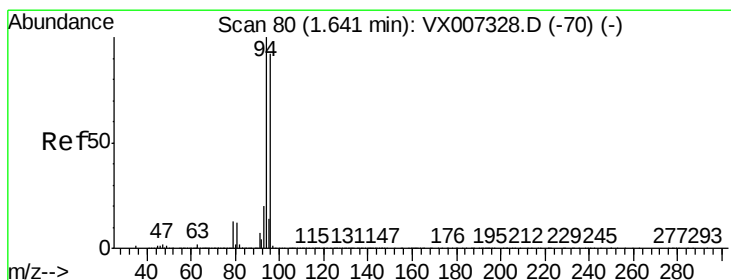
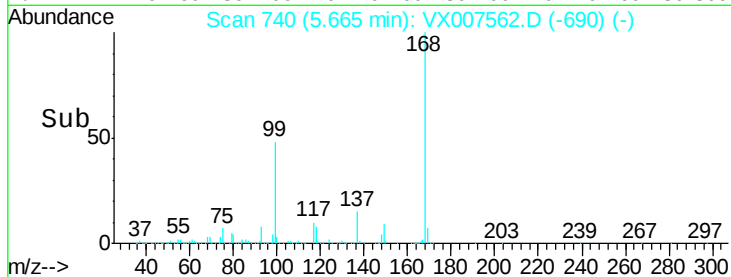
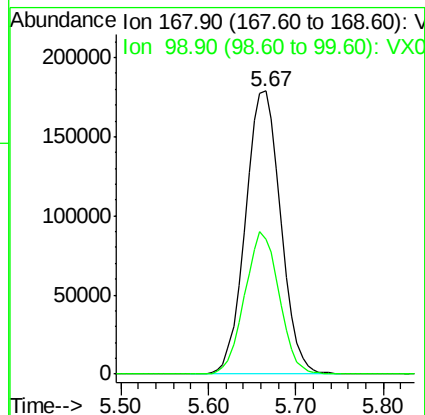
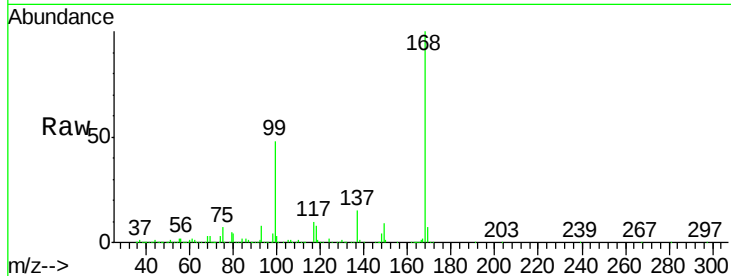


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Instrument :
 MSVOA_W
 ClientSampled :

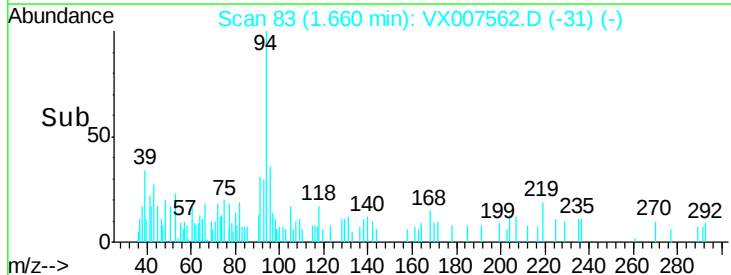
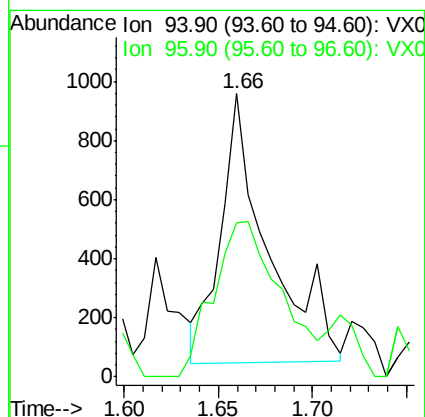
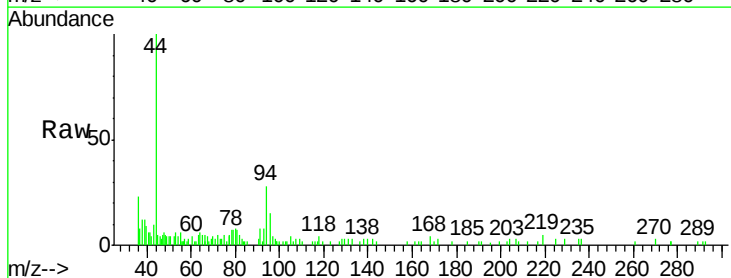
Tot Ion:168 Resp: 501316
 Ion Ratio Lower Upper
 168 100
 99 47.8 37.9 56.9

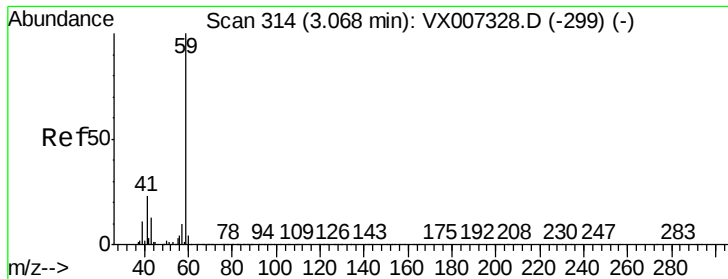


#5

Bromomethane
 Concen: Below Cal
 RT: 1.66 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Tgt Ion: 94 Resp: 1585
 Ion Ratio Lower Upper
 94 100
 96 51.0 73.9 110.9#



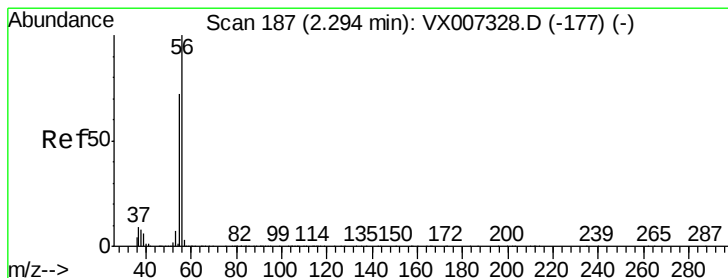
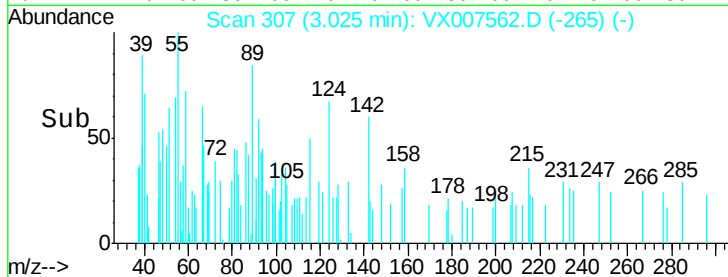
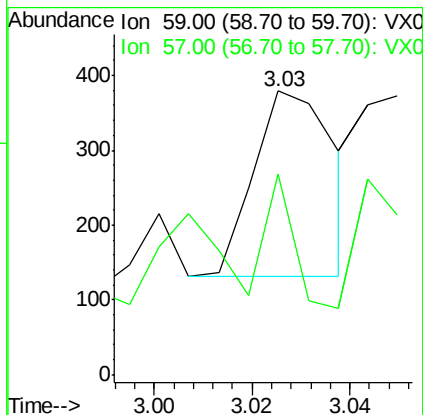
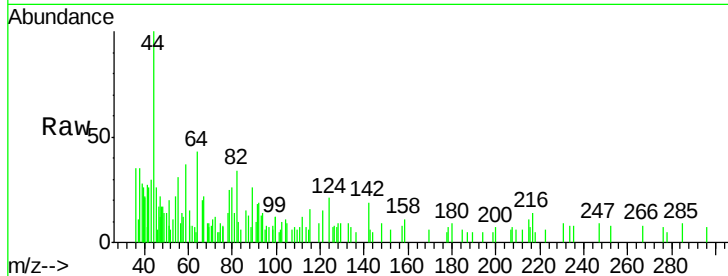


#11

Tert butyl alcohol
 Concen: 0.257 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.04 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Instrument :
 MSVOA_W
 ClientSampled :

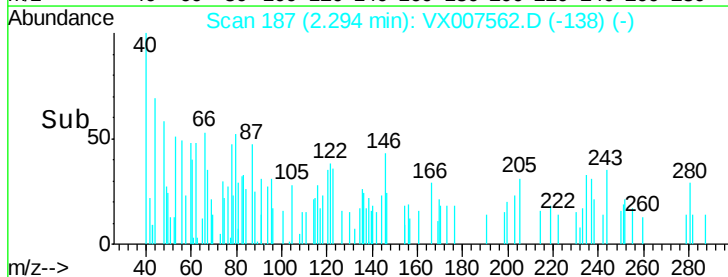
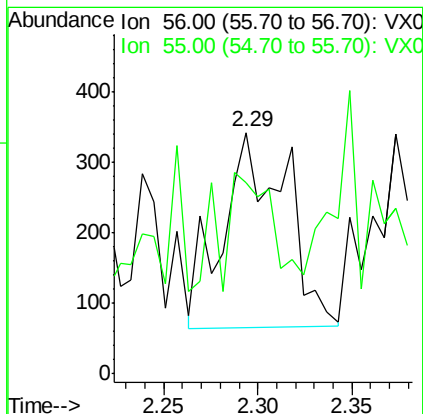
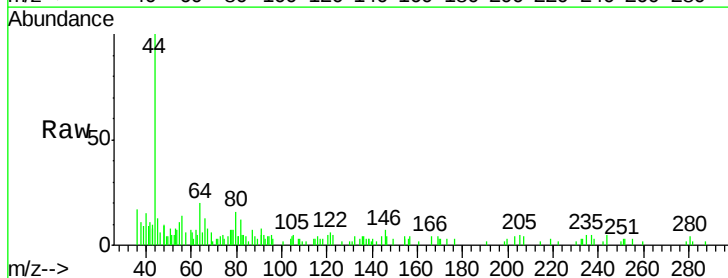
Tot Ion: 59.00 Resp: 283
 Ion Ratio Lower Upper
 59 100
 57 79.9 8.1 12.1#

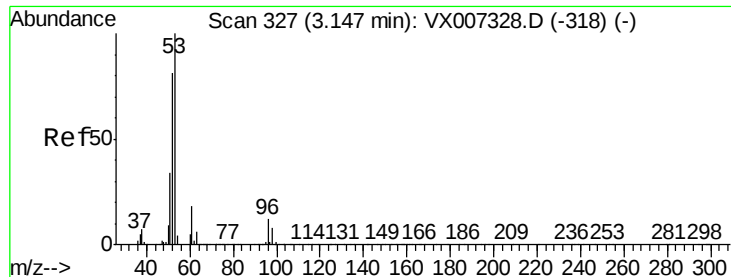


#13

Acrolein
 Concen: 1.257 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Tgt Ion: 56 Resp: 649
 Ion Ratio Lower Upper
 56 100
 55 45.1 56.9 85.3#





#15

Acrylonitrile

Concen: 0.347 ug/l

RT: 3.15 min Scan# 328

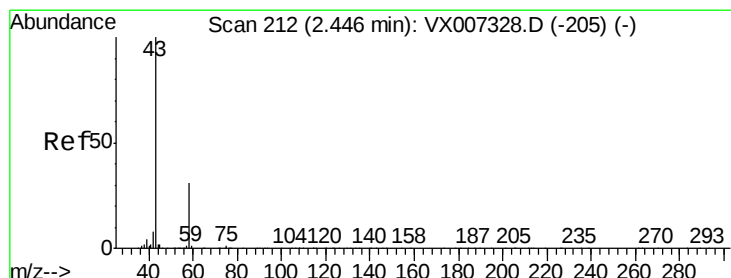
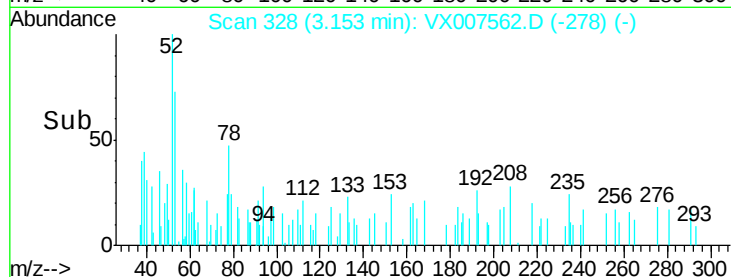
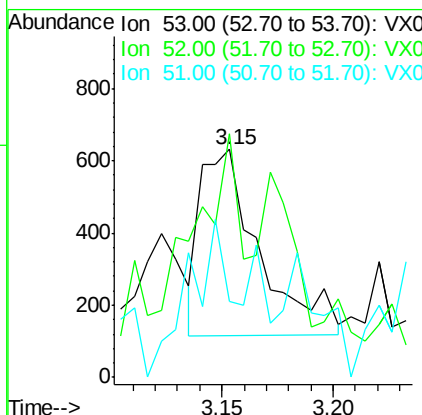
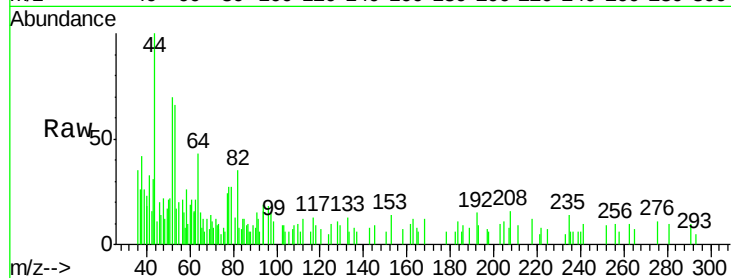
Delta R.T. 0.01 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	53	Resp:	944
Ion	Ratio	Lower	Upper
53	100		
52	96.2	66.4	99.6
51	62.9	28.4	42.6#



#16

Acetone

Concen: 0.640 ug/l

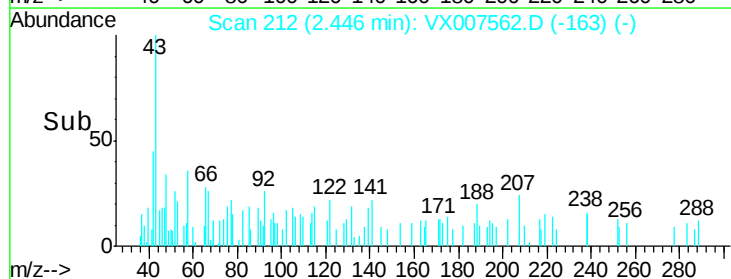
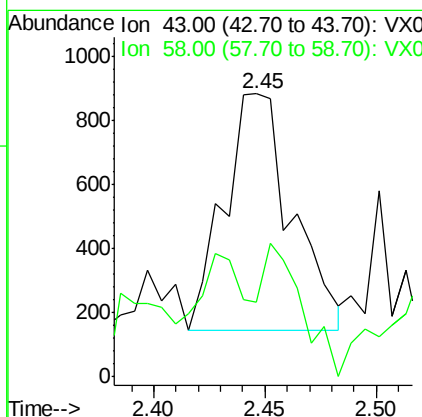
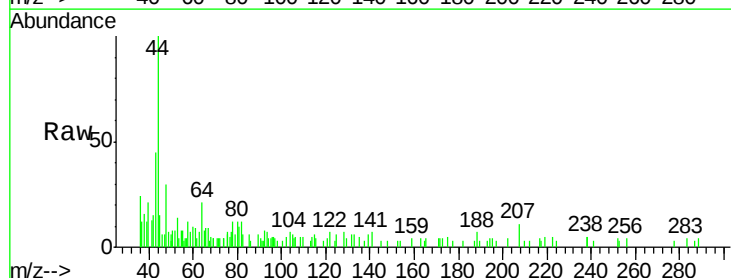
RT: 2.45 min Scan# 212

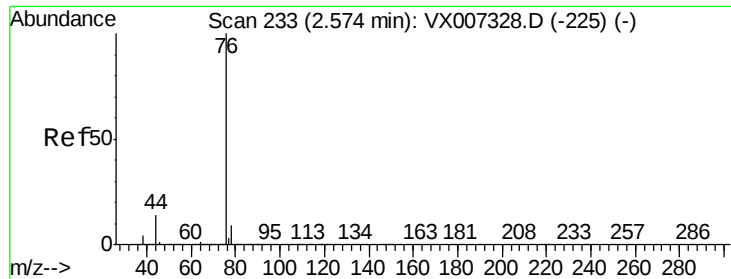
Delta R.T. -0.00 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

Tgt Ion:	43	Resp:	1559
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 2.339 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

Instrument :

MSVOA_W

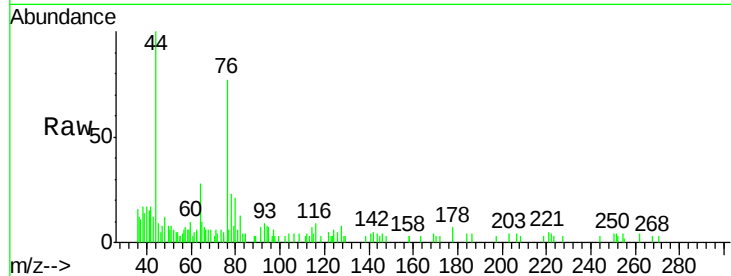
ClientSampleId :

Tot Ion: 76 Resp: 2848

Ion Ratio Lower Upper

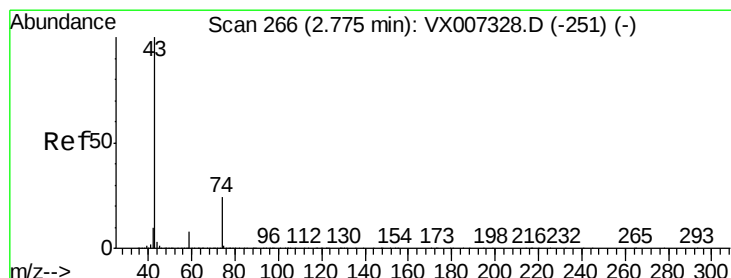
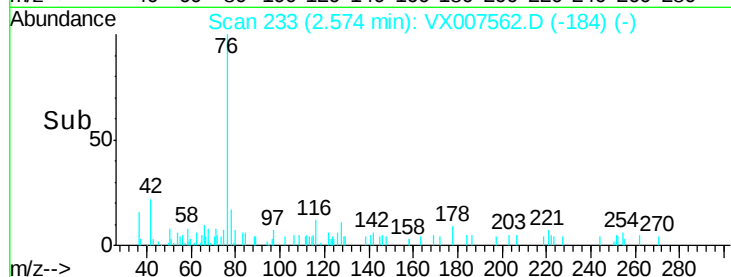
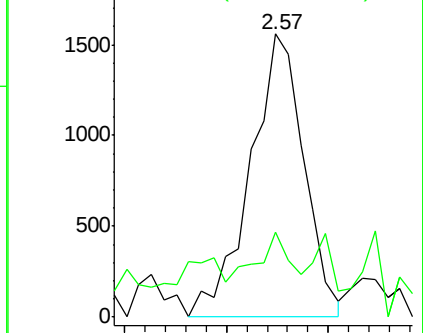
76 100

78 10.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.868 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007562.D

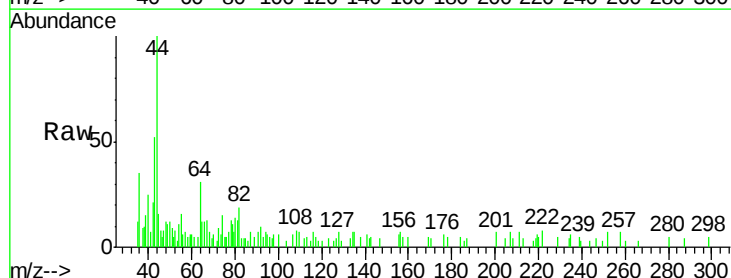
Acq: 15 Feb 2019 12:38

Tgt Ion: 43 Resp: 1768

Ion Ratio Lower Upper

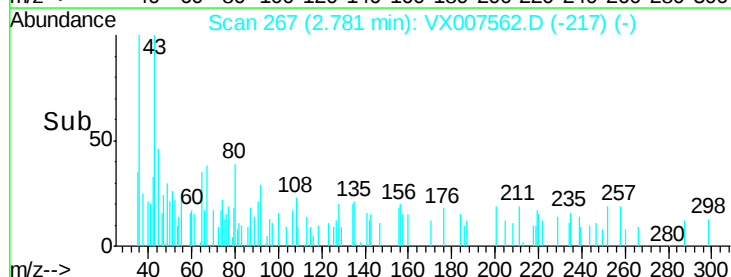
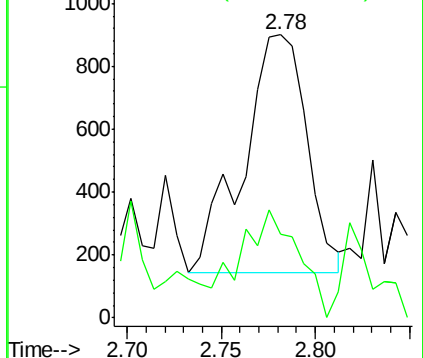
43 100

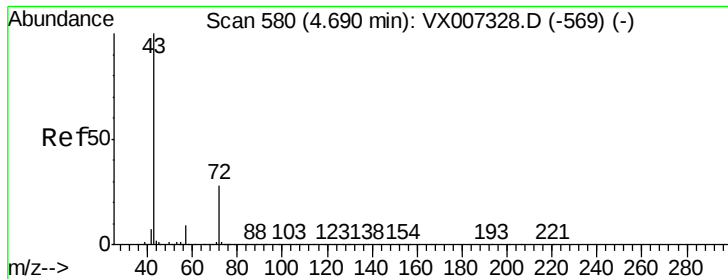
74 41.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 0.359 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

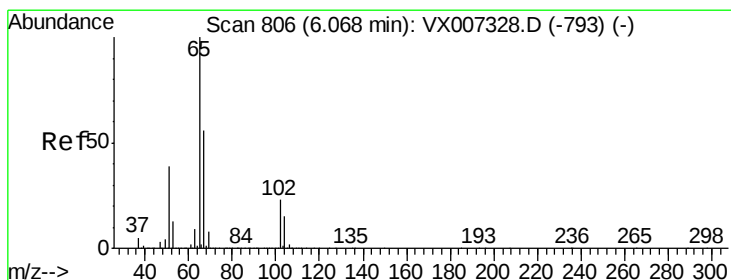
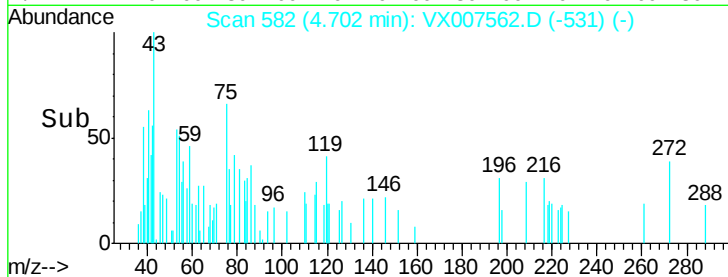
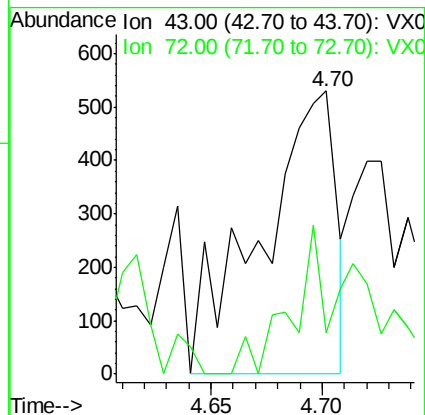
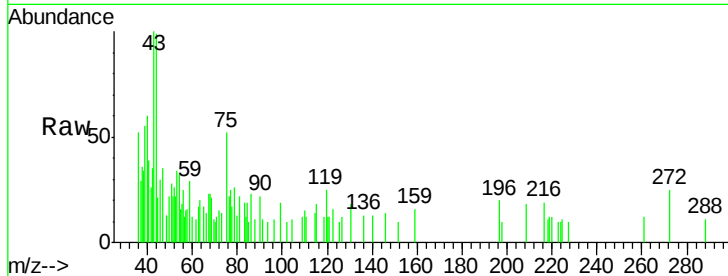
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1244

Ion Ratio Lower Upper

43 100

72 4.7 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 51.226 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007562.D

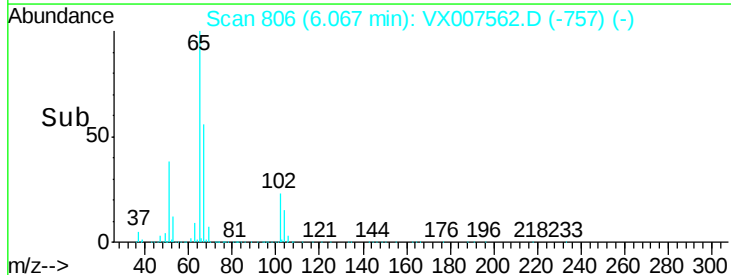
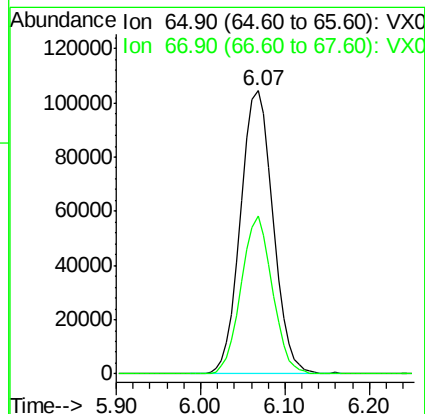
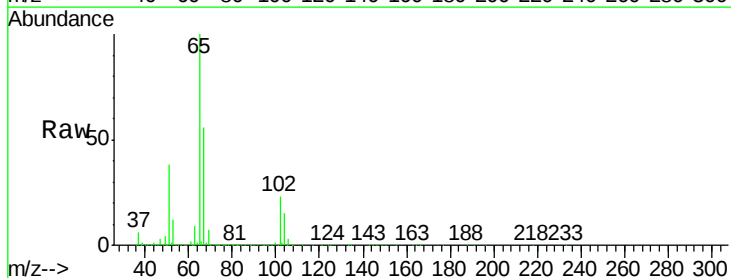
Acq: 15 Feb 2019 12:38

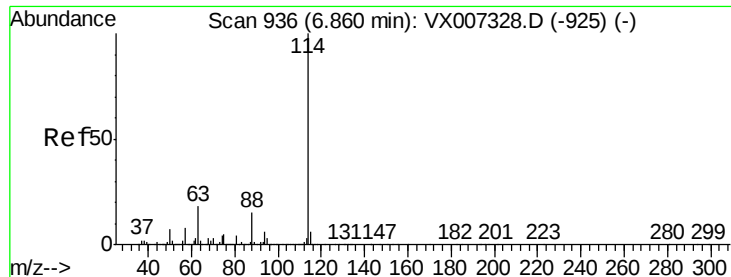
Tgt Ion: 65 Resp: 272576

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

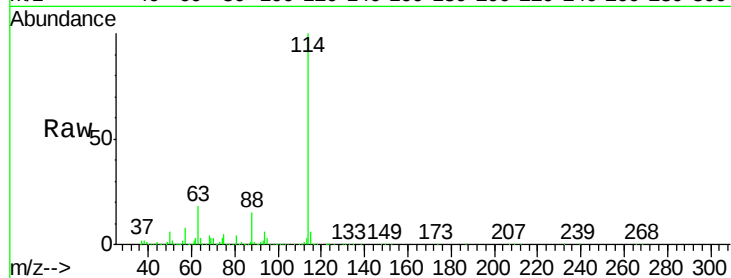
Tot Ion:114 Resp: 780744

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

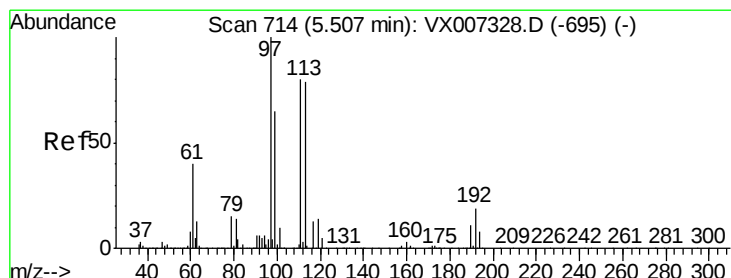
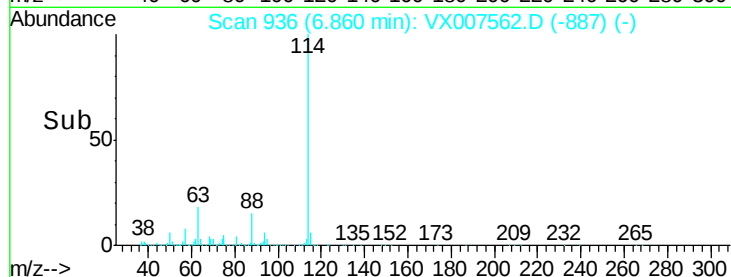
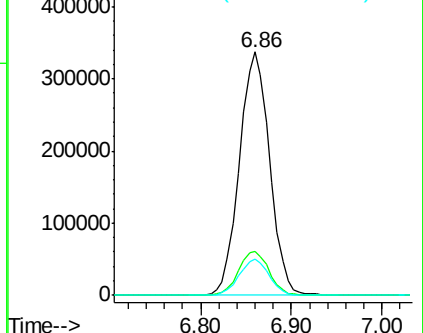
88 14.9 0.0 29.6



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: 50.200 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

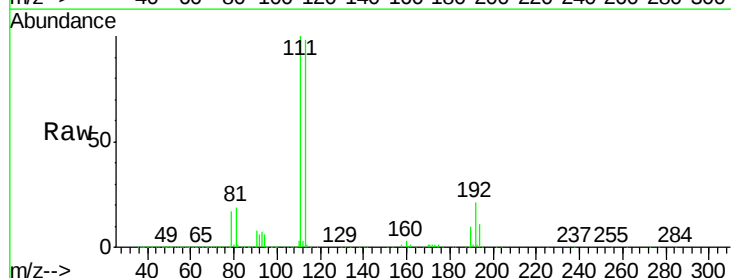
Tgt Ion:113 Resp: 255018

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

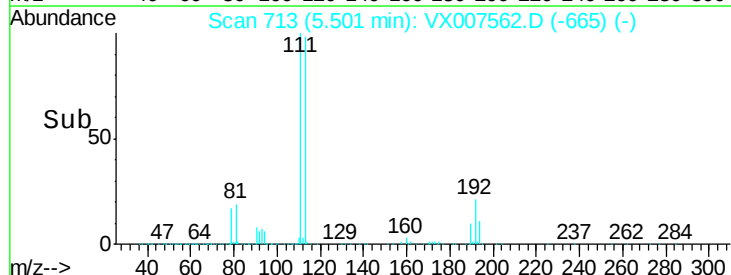
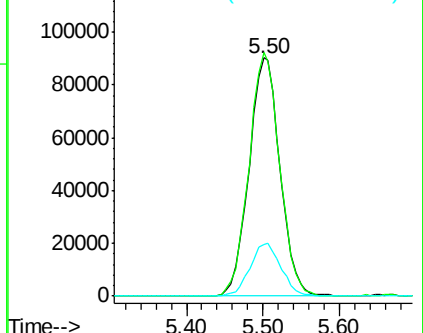
192 22.2 18.5 27.7

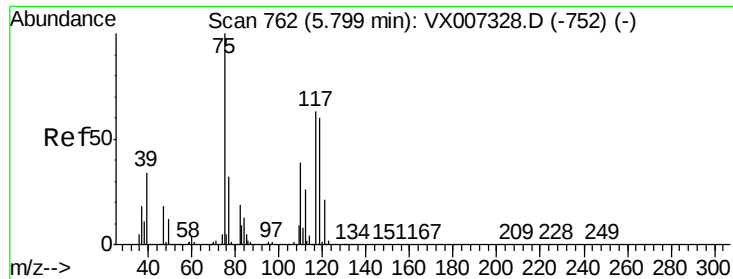


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

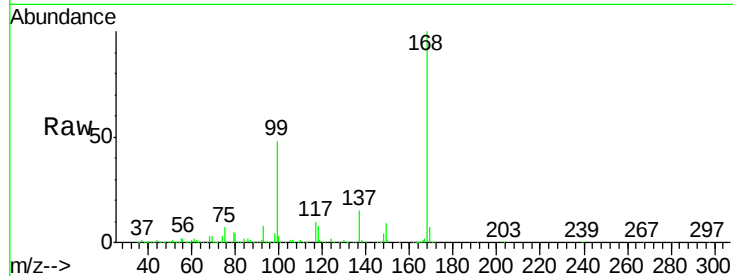
Tot Ion: 75 Resp: 32778

Ion Ratio Lower Upper

75 100

110 10.5 20.0 59.9#

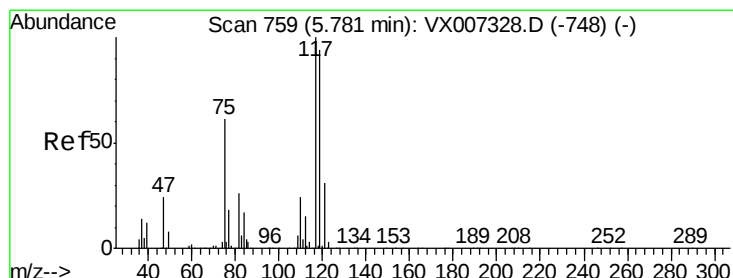
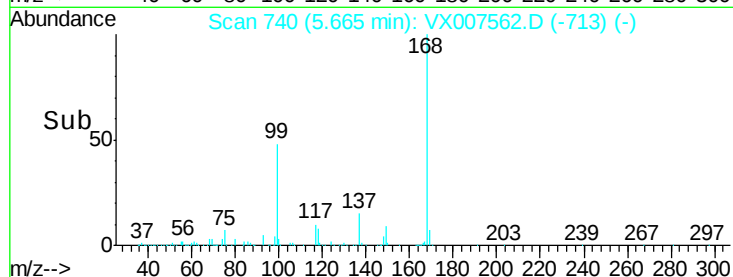
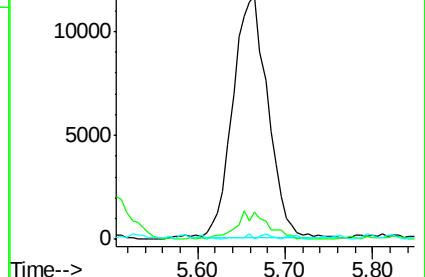
77 0.7 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.746 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007562.D

Acq: 15 Feb 2019 12:38

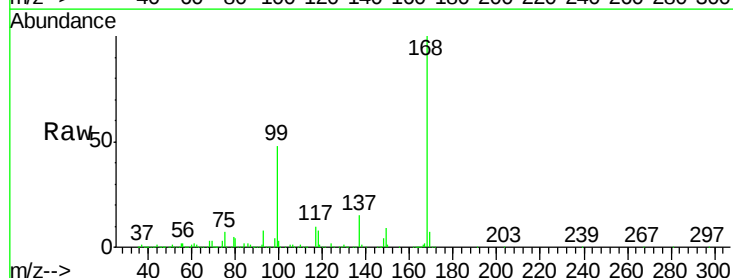
Tgt Ion: 117 Resp: 45845

Ion Ratio Lower Upper

117 100

119 5.7 75.3 112.9#

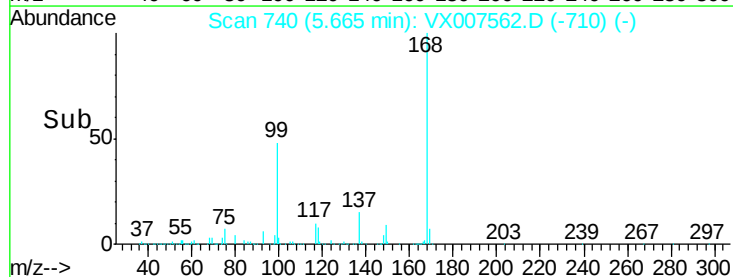
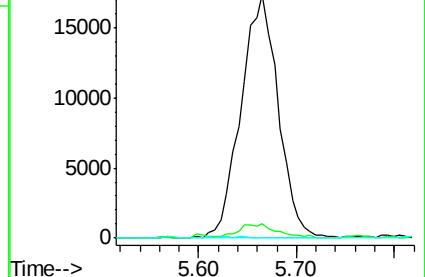
121 0.3 25.0 37.4#

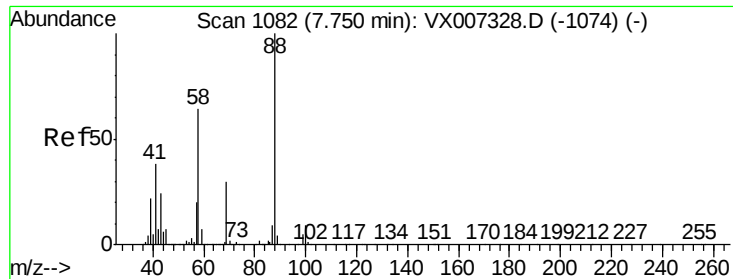


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

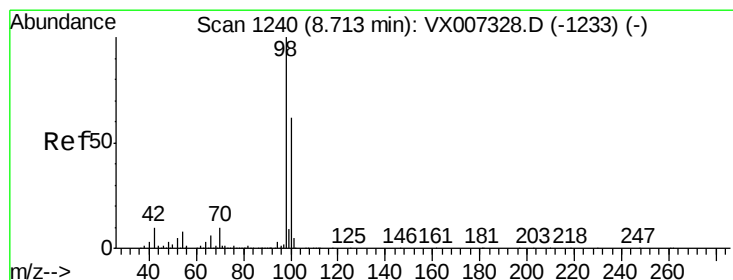
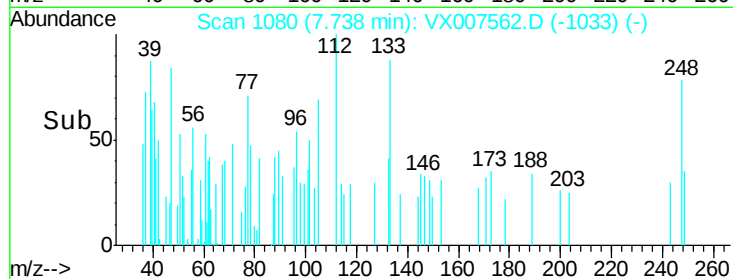
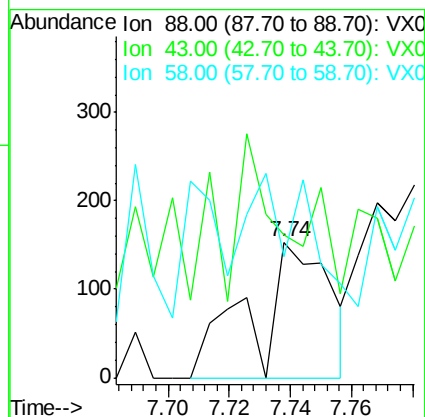
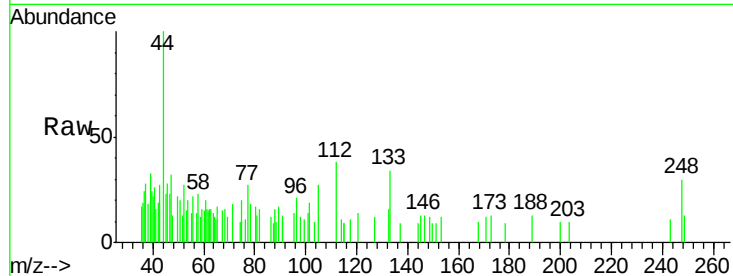




#49
1,4-Dioxane
Concen: 8.988 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

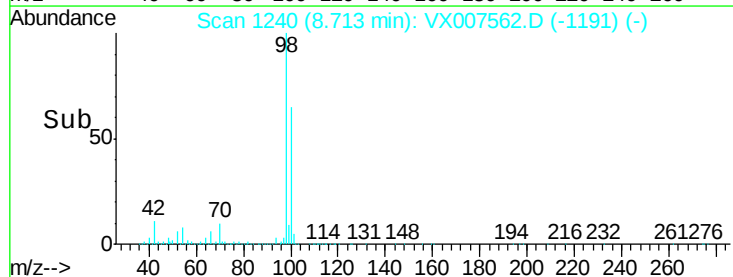
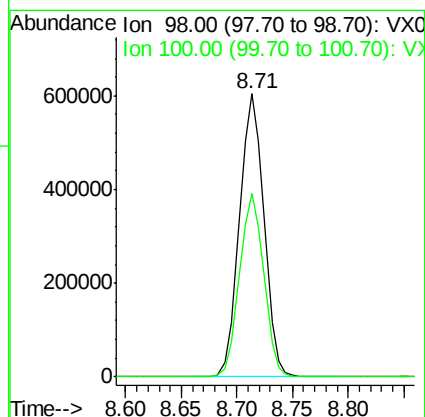
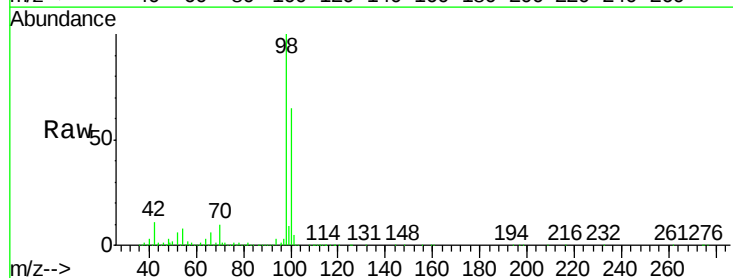
Instrument :
MSVOA_W
ClientSampleId :

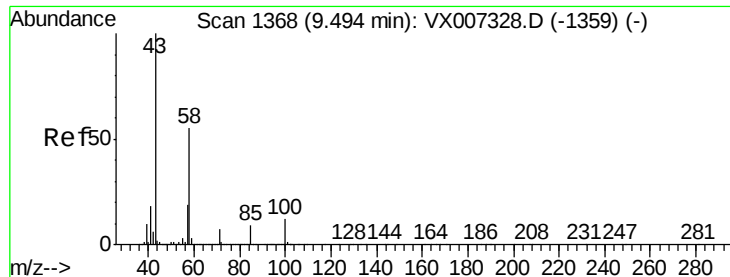
Tot Ion: 88 Resp: 264
Ion Ratio Lower Upper
88 100
43 78.4 24.2 36.4#
58 79.9 53.0 79.4#



#50
Toluene-d8
Concen: 48.931 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

Tgt Ion: 98 Resp: 922236
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

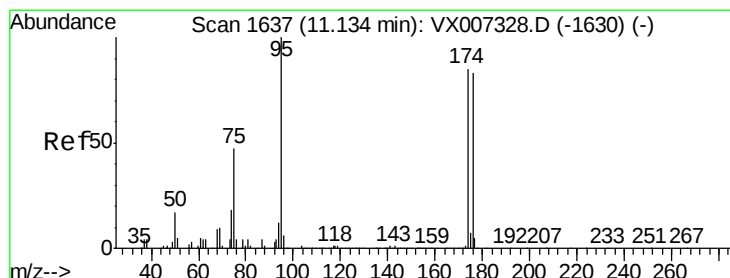
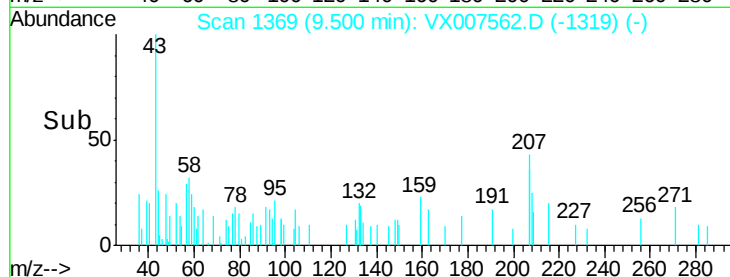
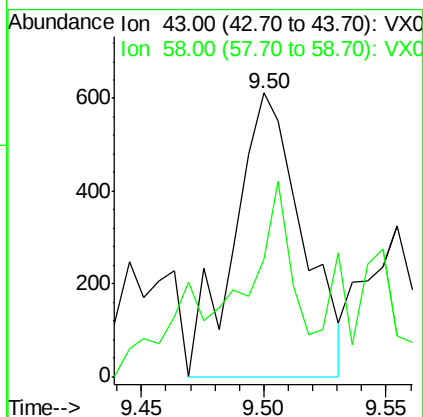
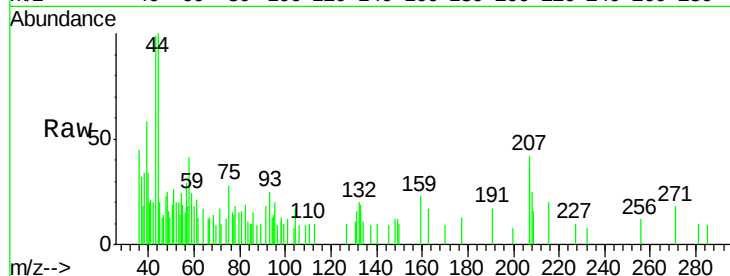




#59
2-Hexanone
Concen: 0.211 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

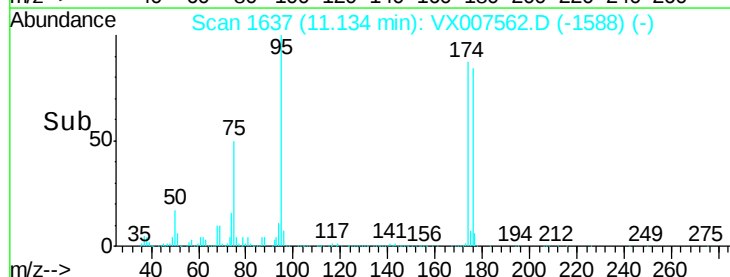
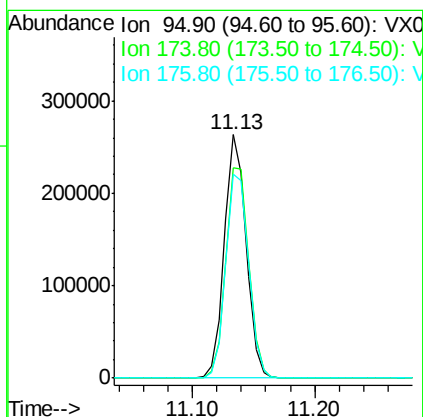
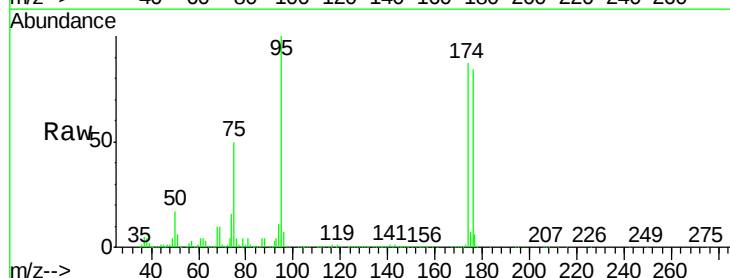
Instrument :
MSVOA_W
ClientSampleId :

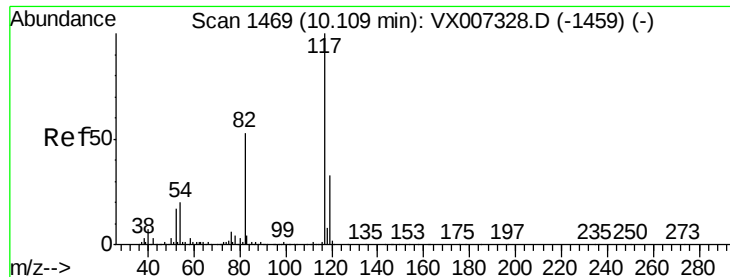
Tot Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 40.9 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 47.152 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

Tgt Ion: 95 Resp: 324468
Ion Ratio Lower Upper
95 100
174 91.6 0.0 189.2
176 88.1 0.0 186.2

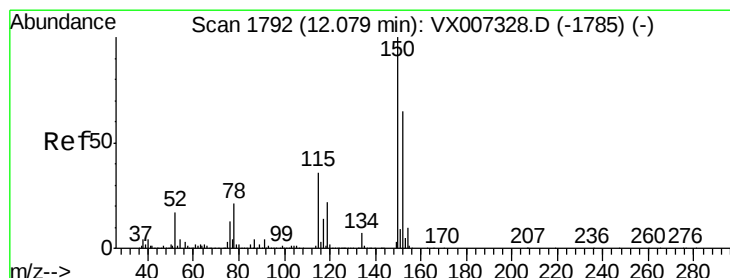
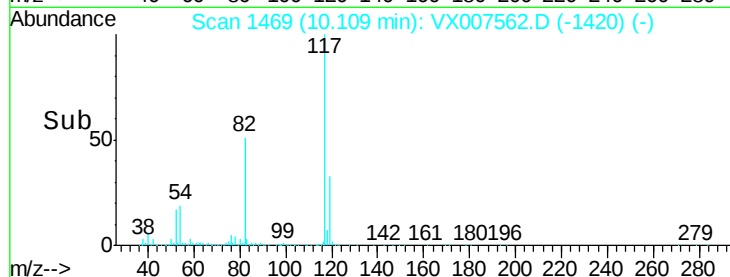
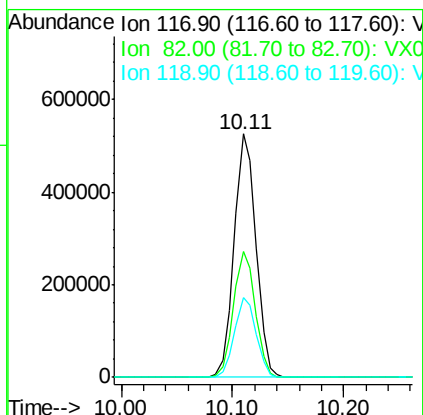
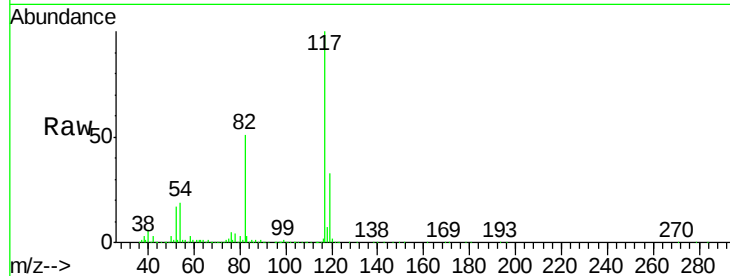




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

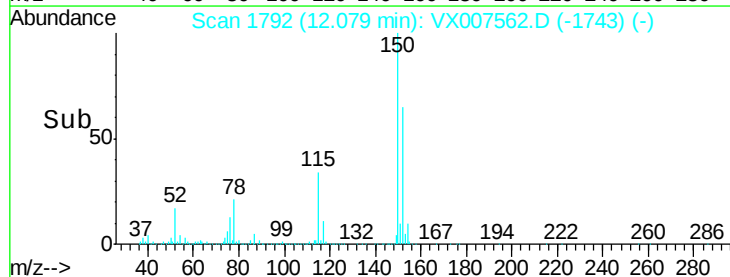
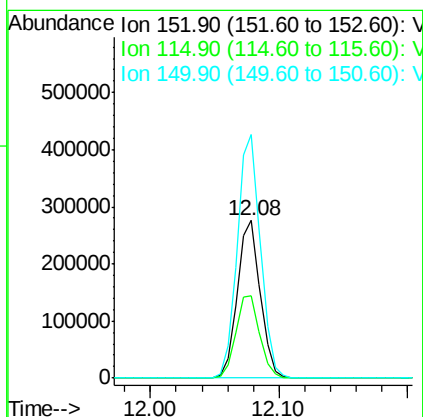
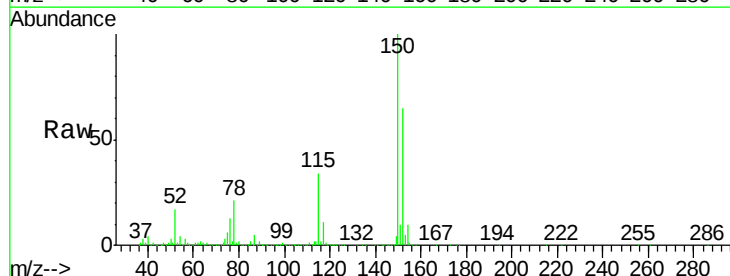
Instrument :
MSVOA_W
ClientSampleId :

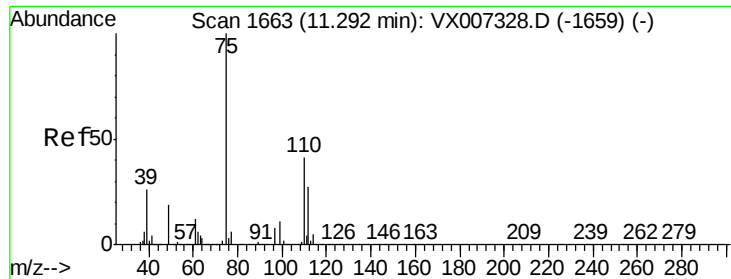
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	32.5	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007562.D
Acq: 15 Feb 2019 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	155.9	0.0	346.4

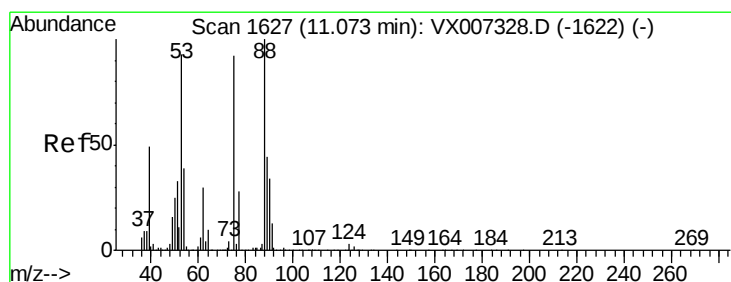
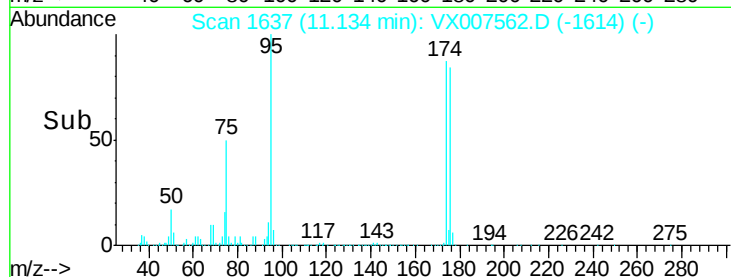
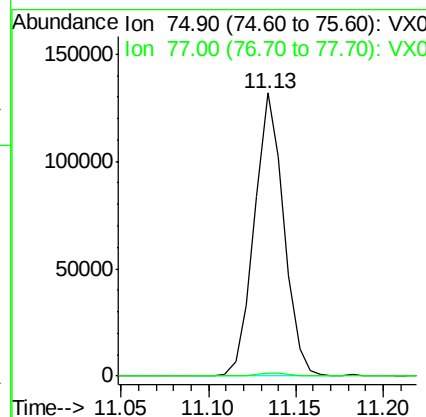
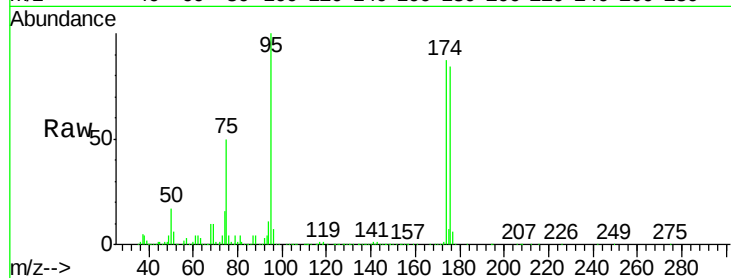




#76
 1,2,3-Trichloropropane
 Concen: 23.211 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 154547
 Ion Ratio Lower Upper
 75 100
 77 1.4 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.904 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007562.D
 Acq: 15 Feb 2019 12:38

Tgt Ion: 75 Resp: 154547
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.0 41.4 62.0#

