

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012812.D
 Acq On : 04 Oct 2019 15:25
 Operator : JC/SP
 Sample : K5189-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930

Quant Time: Oct 05 04:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	116722	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.04%		
35) Dibromofluoromethane	5.49	113	91929	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.22%		
50) Toluene-d8	8.71	98	355454	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.64%		
62) 4-Bromofluorobenzene	11.14	95	123164	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.44%		

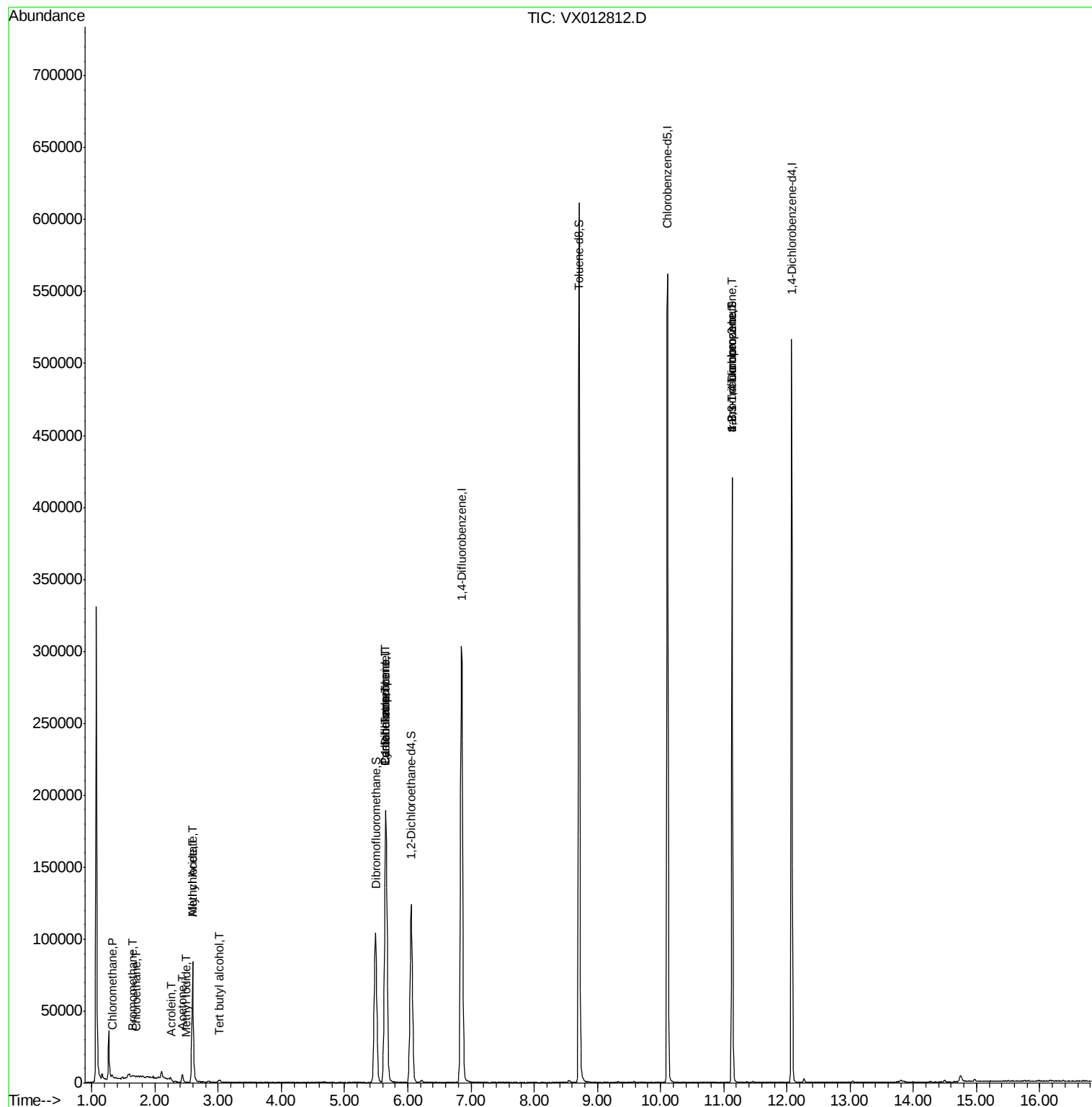
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1237	0.544	ug/l #	87
5) Bromomethane	1.64	94	550	0.619	ug/l	91
6) Chloroethane	1.72	64	341	0.224	ug/l #	77
10) Methyl Iodide	2.50	142	175	5.030	ug/l #	35
11) Tert butyl alcohol	3.02	59	1757	2.743	ug/l #	90
13) Acrolein	2.27	56	91	10.477	ug/l #	75
14) Allyl chloride	2.59	41	8015	2.134	ug/l #	63
16) Acetone	2.43	43	6184	4.553	ug/l	94
18) Methyl Acetate	2.59	43	20710	6.475	ug/l #	54
31) Cyclohexane	5.65	56	3695	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14618	5.022	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18333	6.200	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	60440	23.158	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	60440	66.367	ug/l #	8

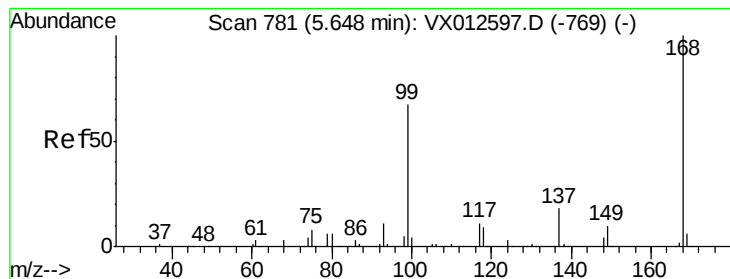
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012812.D
Acq On : 04 Oct 2019 15:25
Operator : JC/SP
Sample : K5189-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930

Quant Time: Oct 05 04:22:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

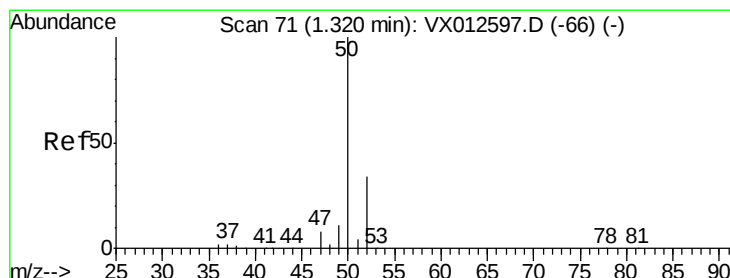
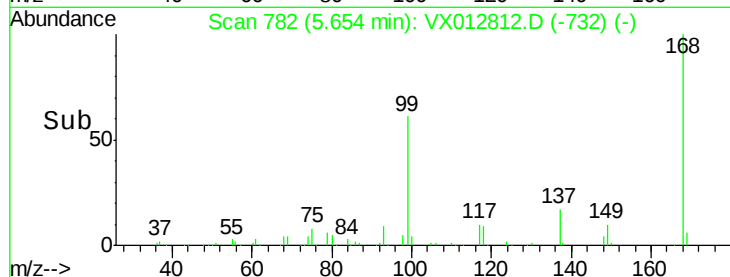
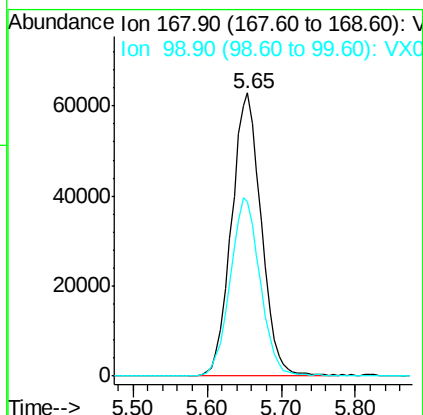
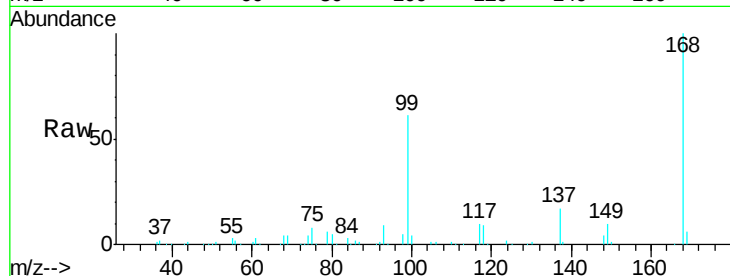




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

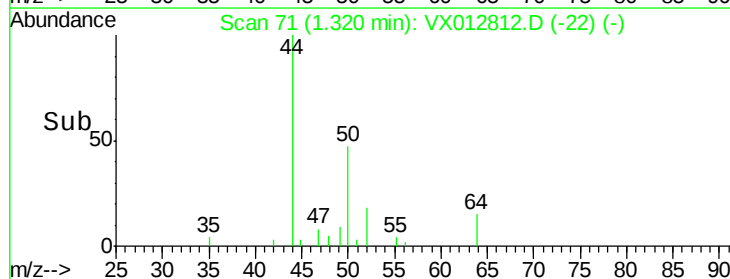
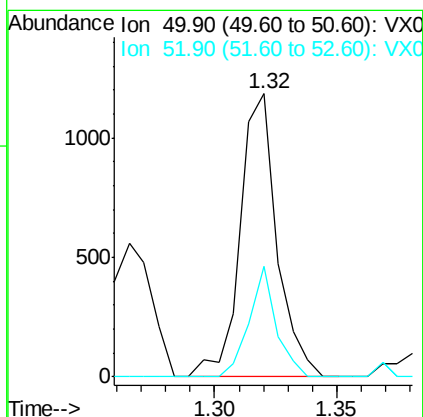
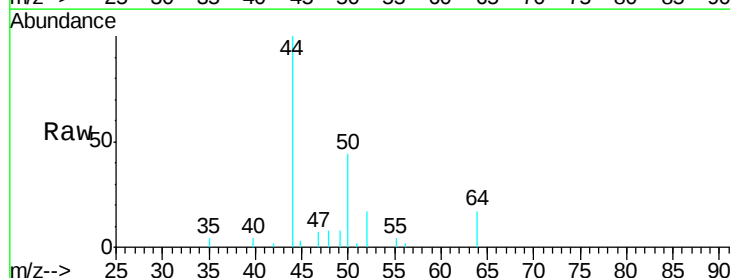
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930

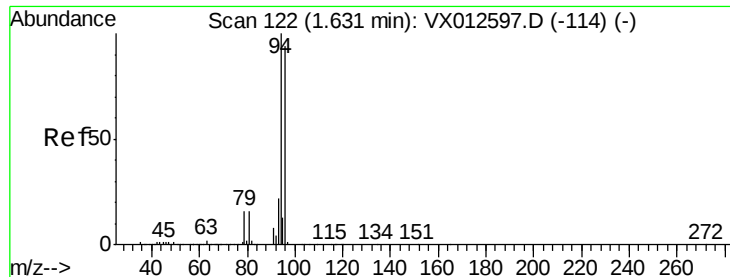
Tgt Ion: 168 Resp: 176099
Ion Ratio Lower Upper
168 100
99 61.5 51.4 77.2



#3
Chloromethane
Concen: 0.544 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

Tgt Ion: 50 Resp: 1237
Ion Ratio Lower Upper
50 100
52 39.2 25.7 38.5#





#5

Bromomethane

Concen: 0.619 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

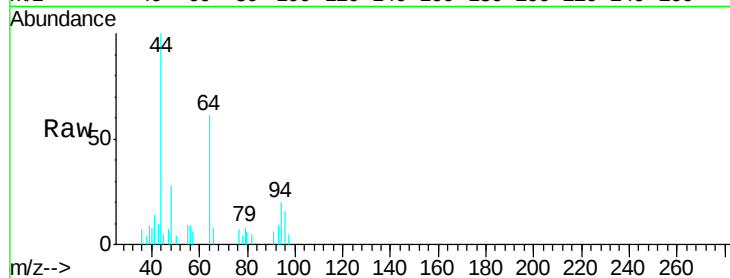
SA-MW127D-20190930

Tgt Ion: 94 Resp: 550

Ion Ratio Lower Upper

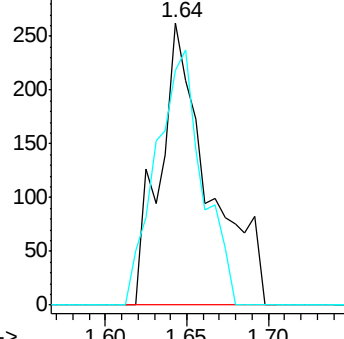
94 100

96 82.9 72.8 109.2

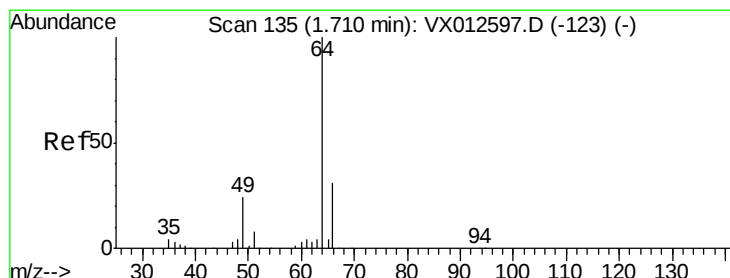
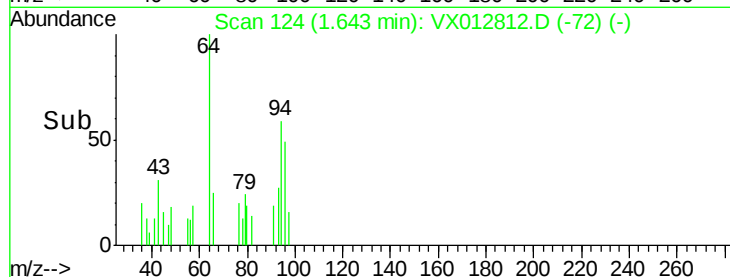


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.224 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012812.D

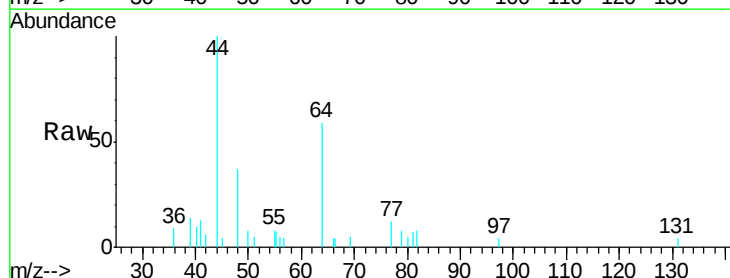
Acq: 04 Oct 2019 15:25

Tgt Ion: 64 Resp: 341

Ion Ratio Lower Upper

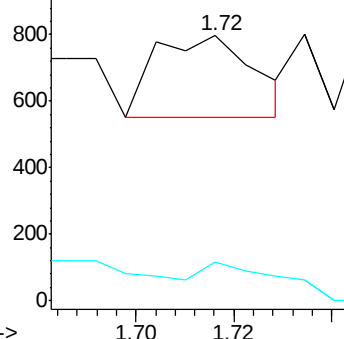
64 100

66 17.6 24.0 36.0#

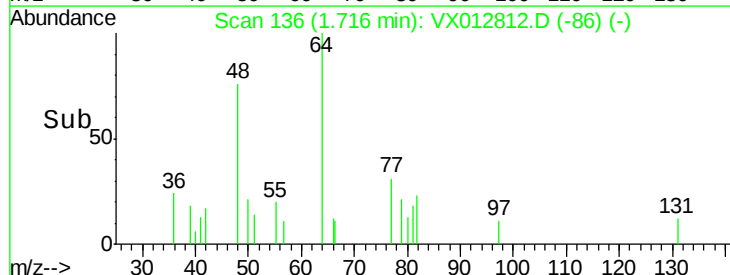


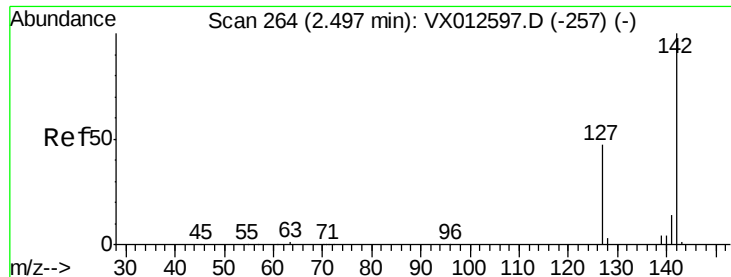
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

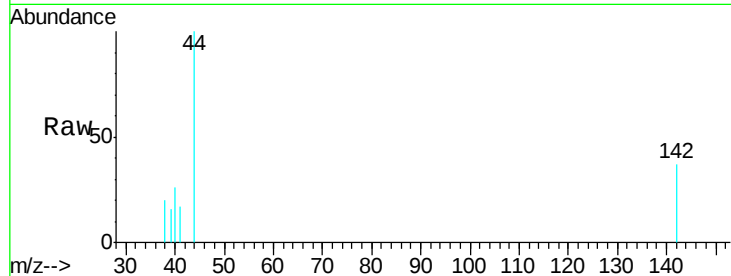




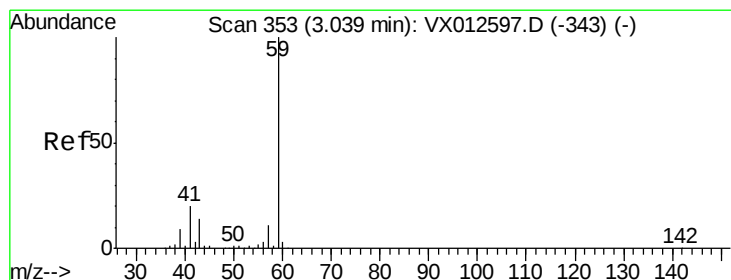
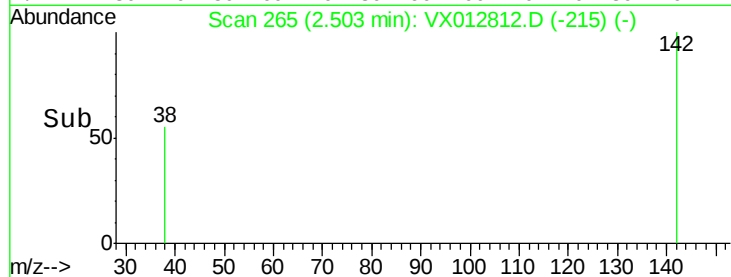
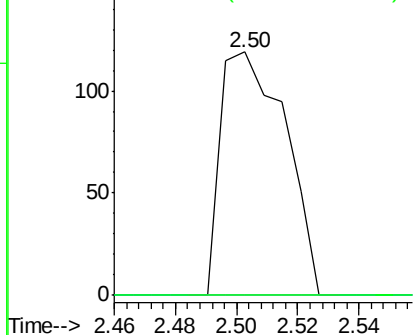
#10
Methyl Iodide
Concen: 5.030 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930

Tgt Ion: 142 Resp: 175
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 0.0 12.1 18.1#

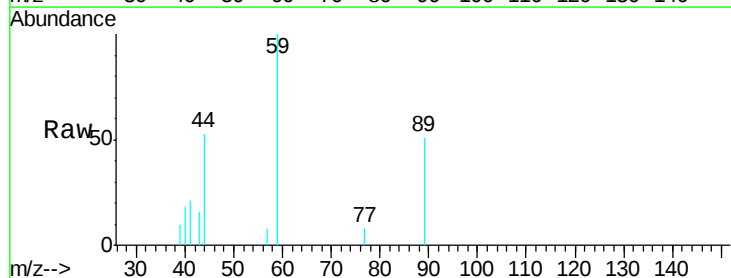


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

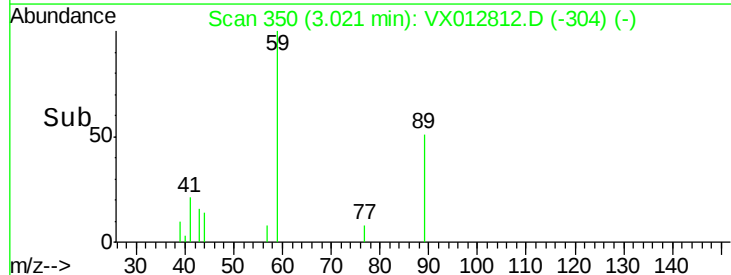
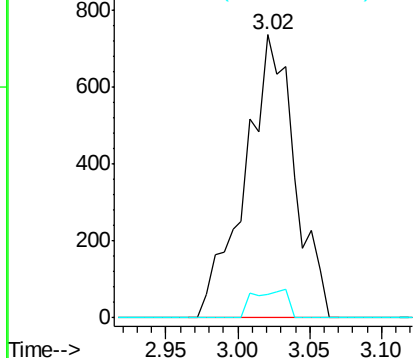


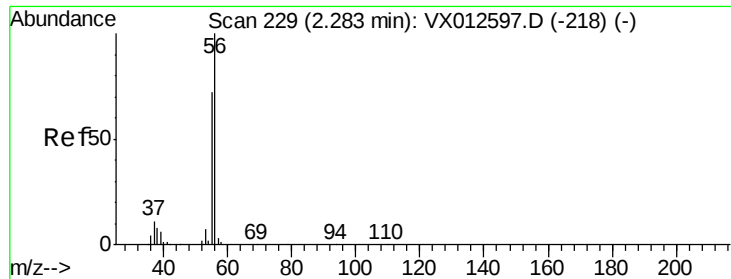
#11
Tert butyl alcohol
Concen: 2.743 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

Tgt Ion: 59 Resp: 1757
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 10.477 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

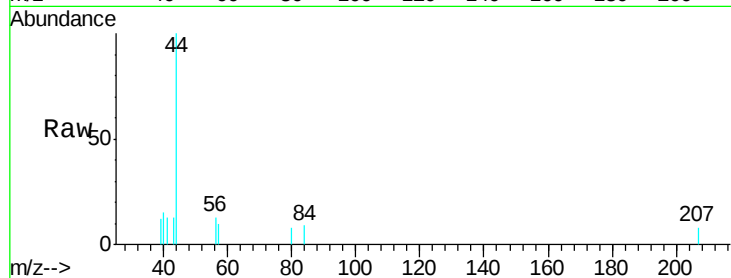
SA-MW127D-20190930

Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

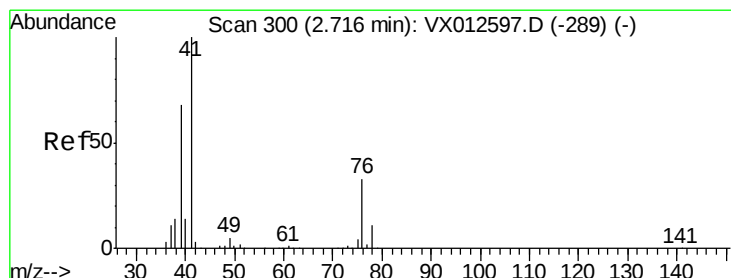
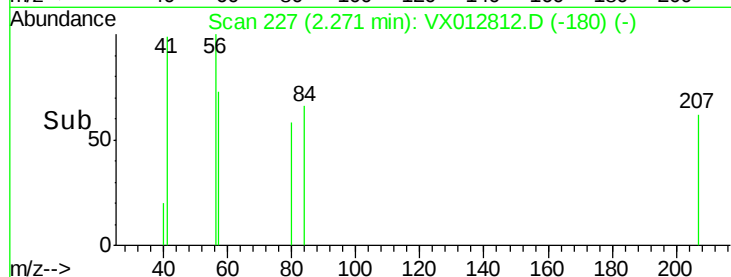
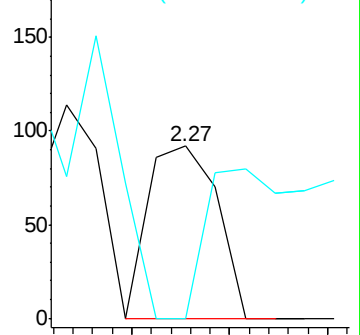
56 100

55 90.1 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.134 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.12 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

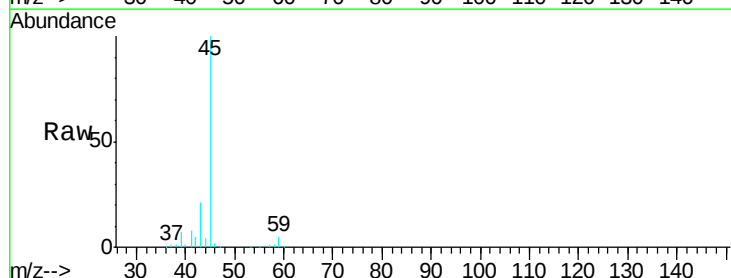
Tgt Ion: 41 Resp: 8015

Ion Ratio Lower Upper

41 100

39 87.4 51.3 76.9#

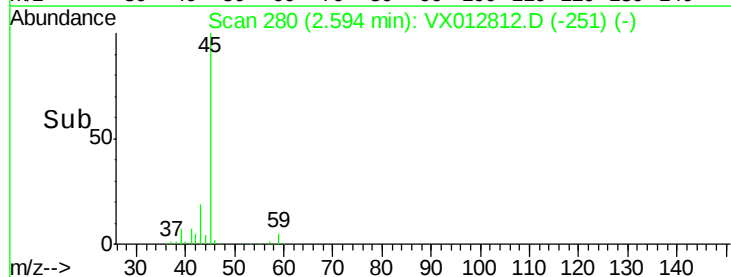
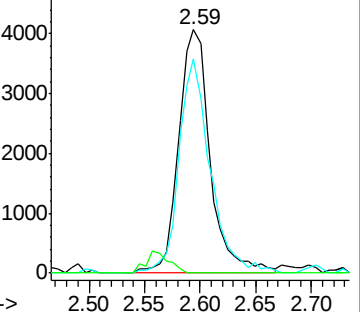
76 0.0 22.6 33.8#

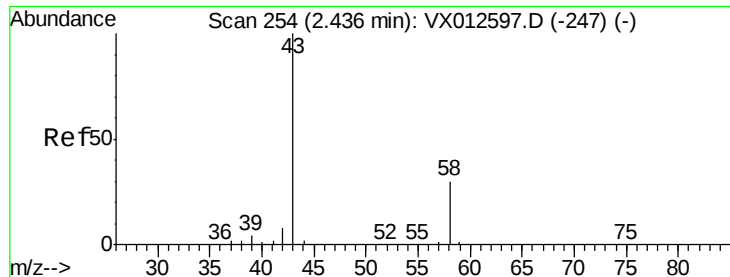


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 4.553 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

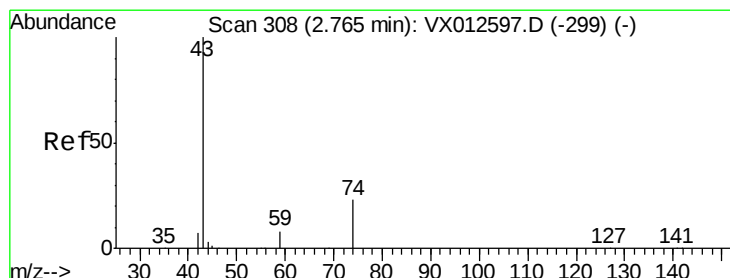
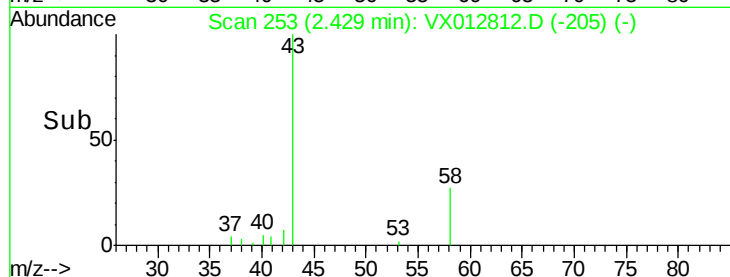
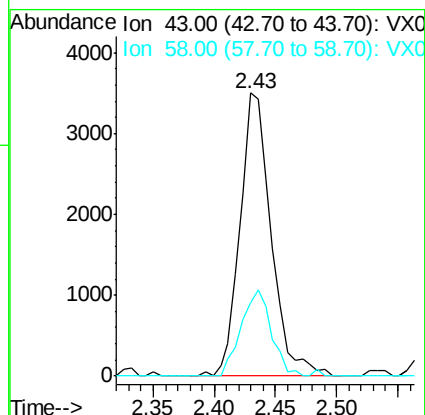
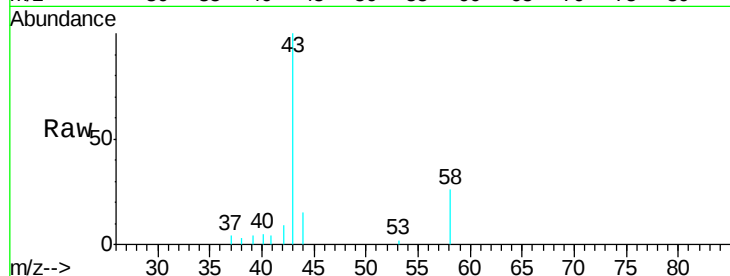
SA-MW127D-20190930

Tgt Ion: 43 Resp: 6184

Ion Ratio Lower Upper

43 100

58 26.0 23.3 34.9



#18

Methyl Acetate

Concen: 6.475 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.17 min

Lab File: VX012812.D

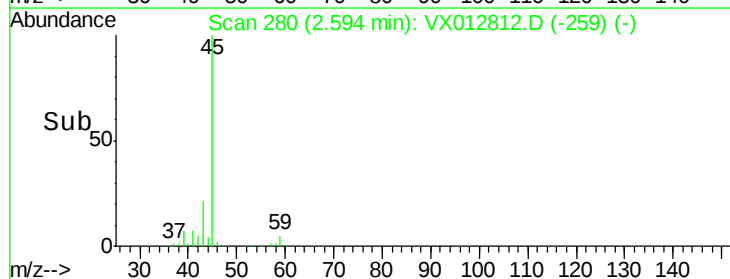
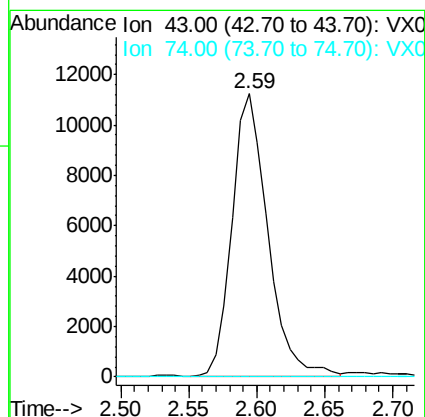
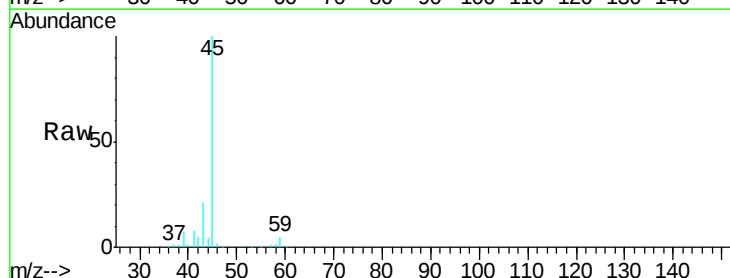
Acq: 04 Oct 2019 15:25

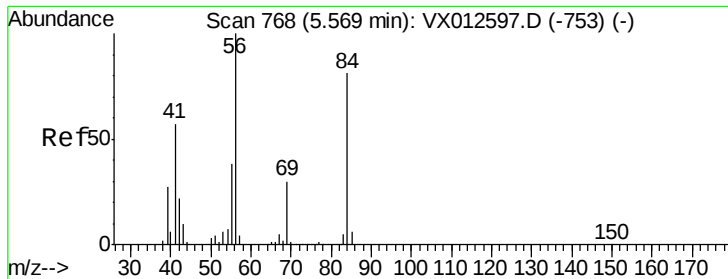
Tgt Ion: 43 Resp: 20710

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#





#31

Cyclohexane

Concen: 1.035 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930

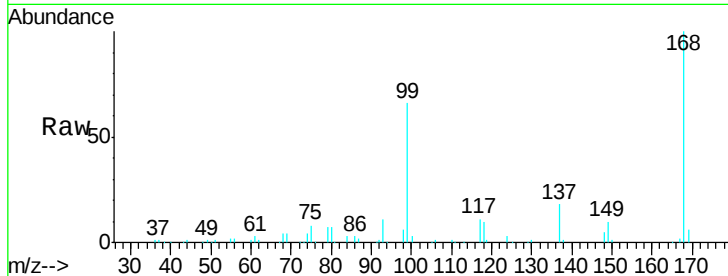
Tgt Ion: 56 Resp: 3695

Ion Ratio Lower Upper

56 100

69 186.7 25.0 37.6#

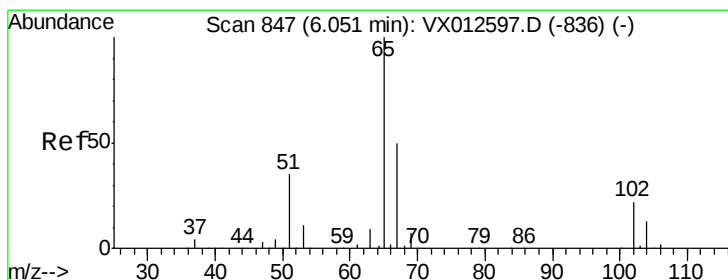
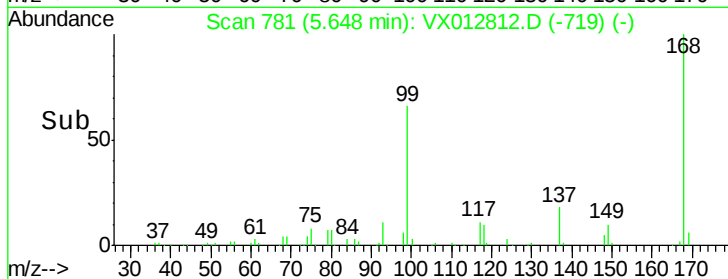
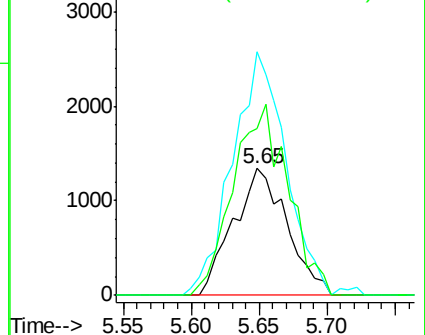
84 131.6 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.517 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012812.D

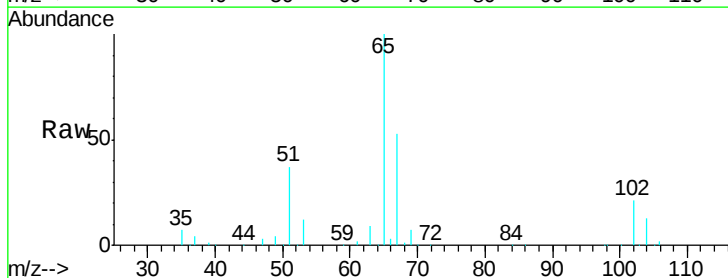
Acq: 04 Oct 2019 15:25

Tgt Ion: 65 Resp: 116722

Ion Ratio Lower Upper

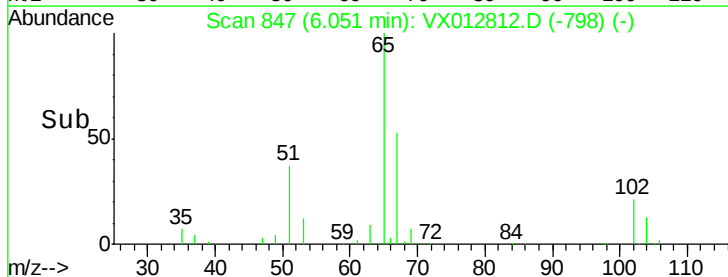
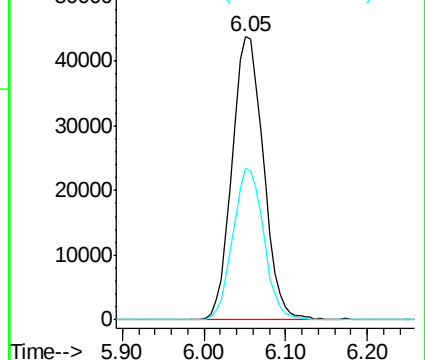
65 100

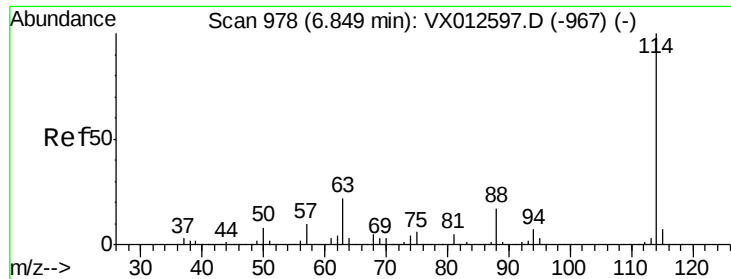
67 52.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

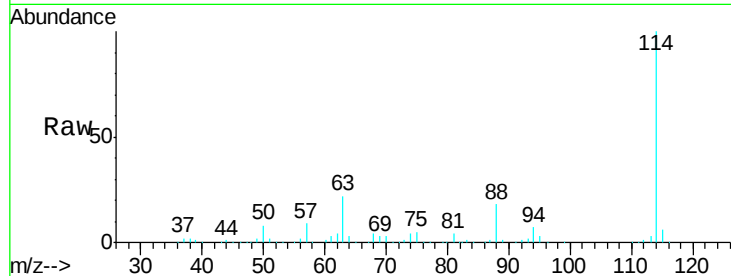




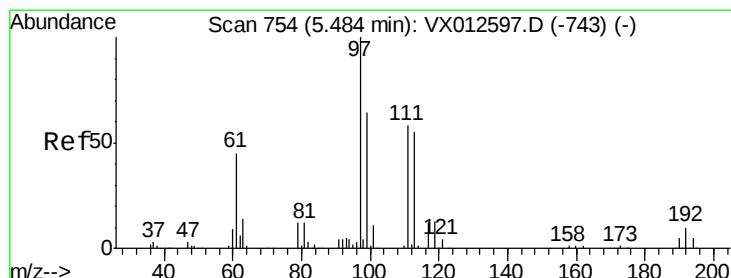
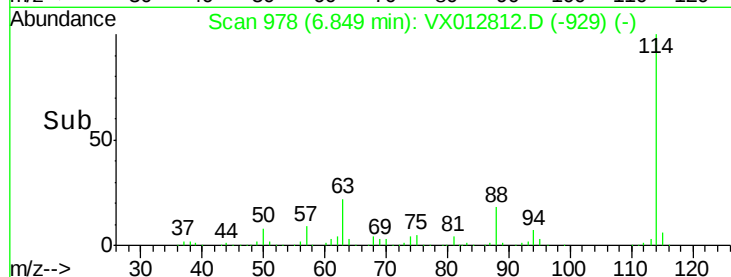
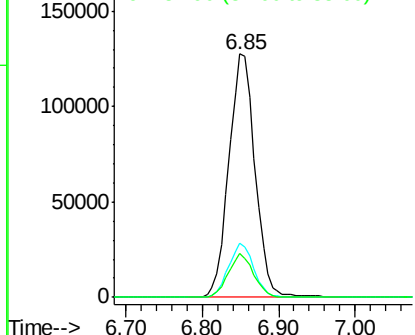
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930

Tgt Ion:114 Resp: 302004
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 18.2 0.0 33.2

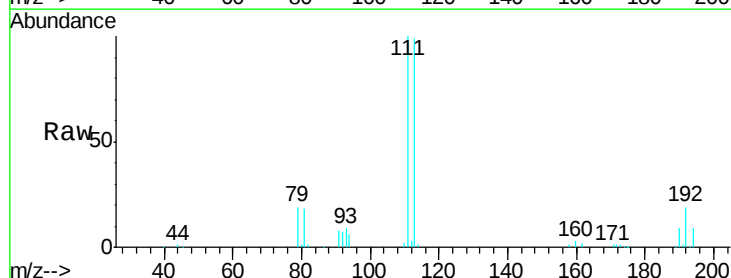


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

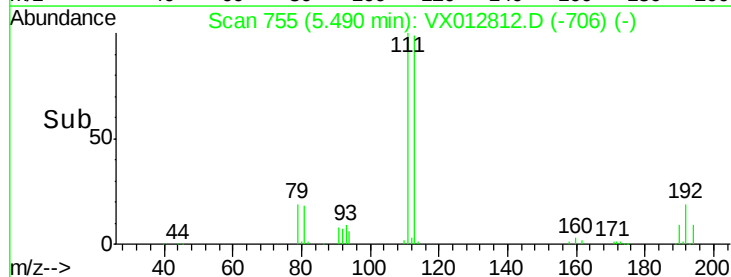
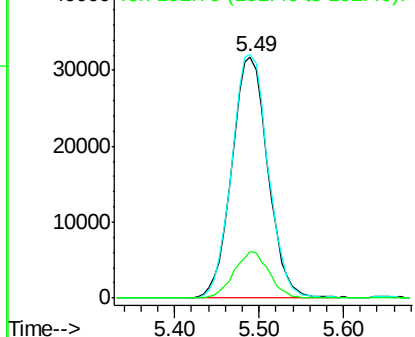


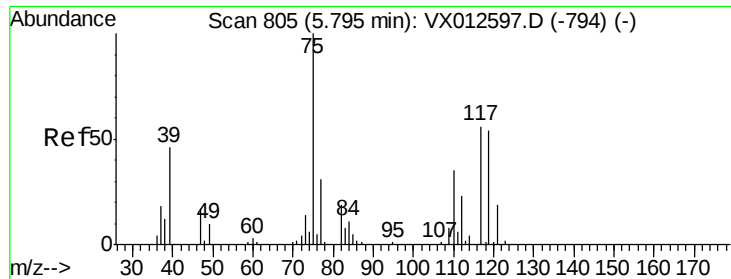
#35
Dibromofluoromethane
Concen: 51.112 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012812.D
Acq: 04 Oct 2019 15:25

Tgt Ion:113 Resp: 91929
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 18.7 14.4 21.6



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

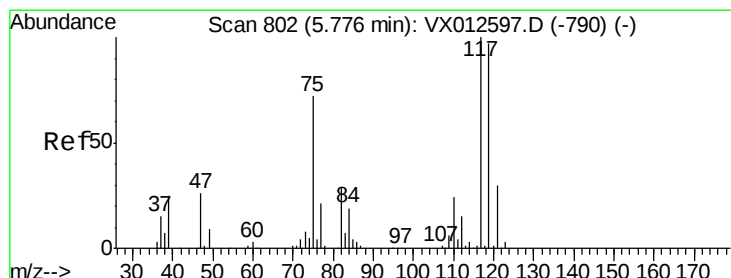
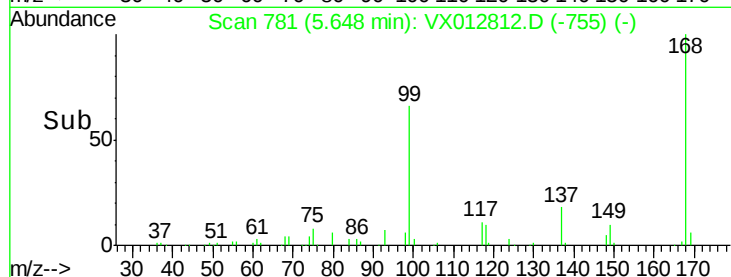
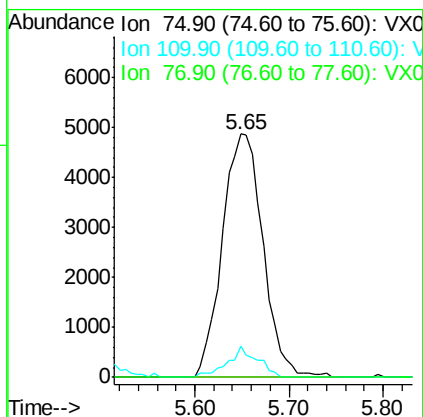
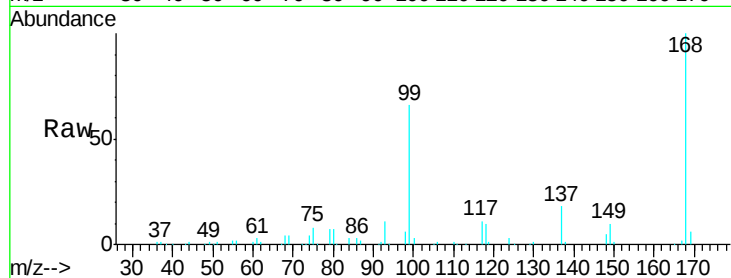




#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012812.D
 Acq: 04 Oct 2019 15:25

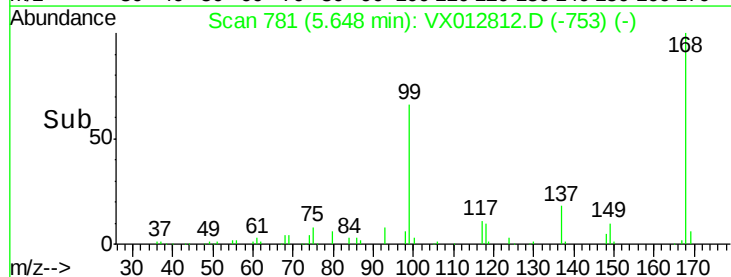
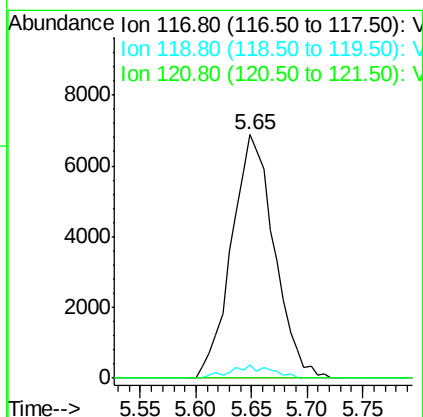
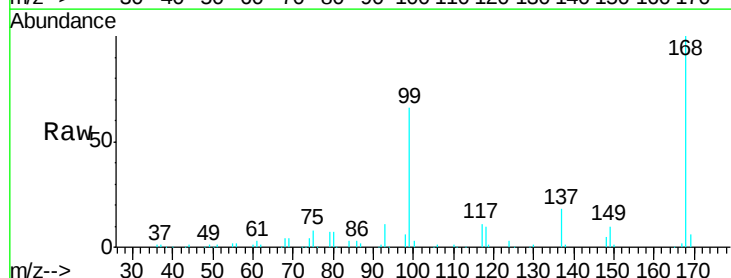
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930

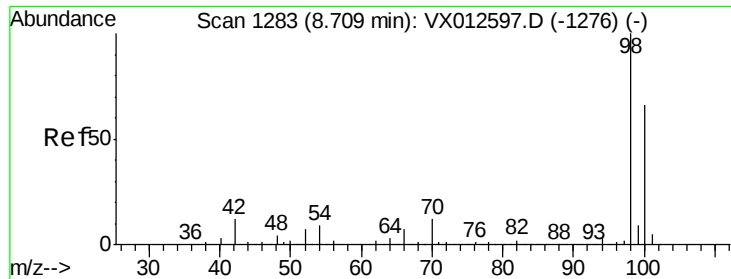
Tgt Ion: 75 Resp: 14618
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.200 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012812.D
 Acq: 04 Oct 2019 15:25

Tgt Ion: 117 Resp: 18333
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.7 113.5#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 51.319 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

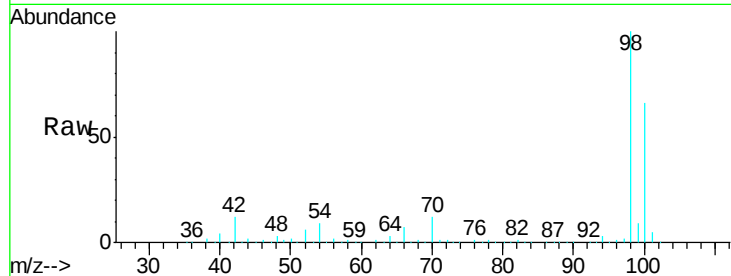
SA-MW127D-20190930

Tgt Ion: 98 Resp: 355454

Ion Ratio Lower Upper

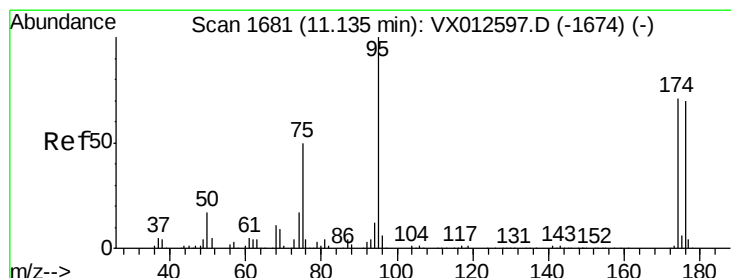
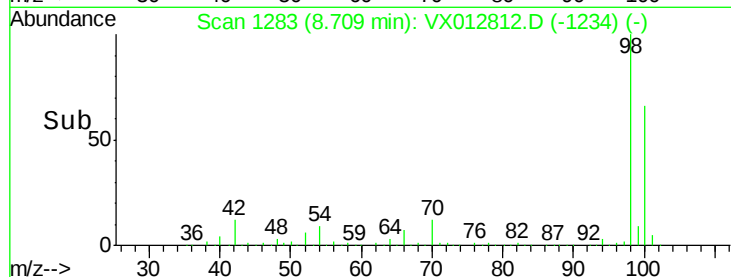
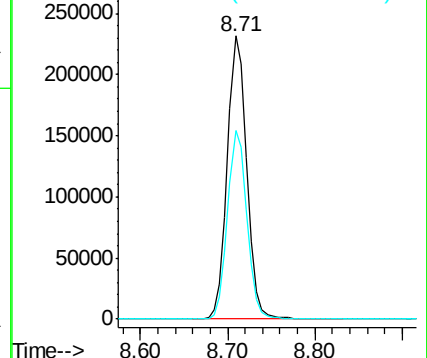
98 100

100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.223 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

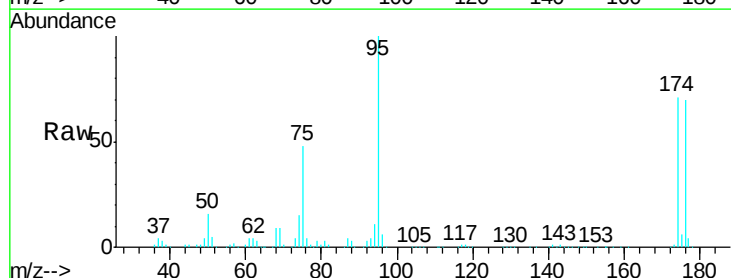
Tgt Ion: 95 Resp: 123164

Ion Ratio Lower Upper

95 100

174 68.7 0.0 140.0

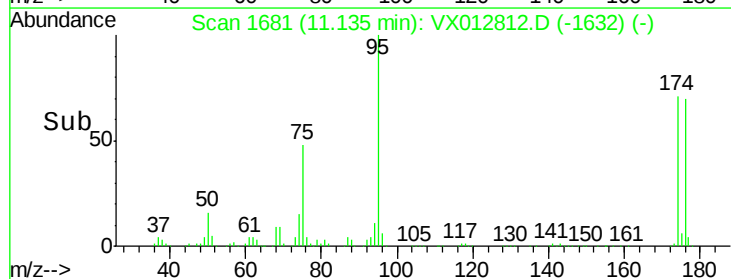
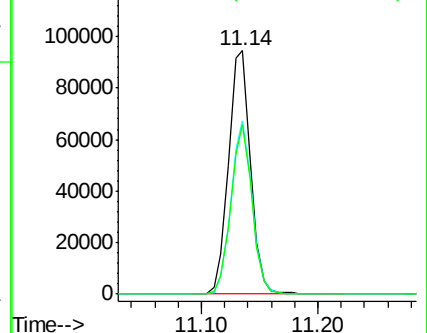
176 66.5 0.0 135.4

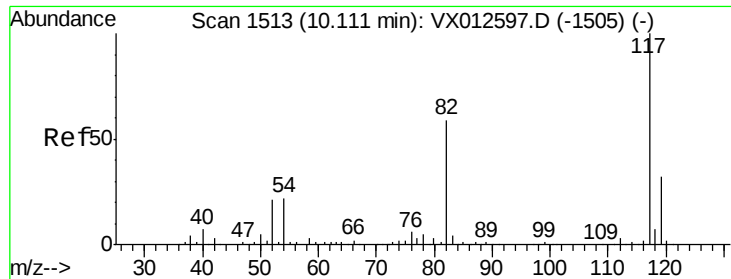


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930

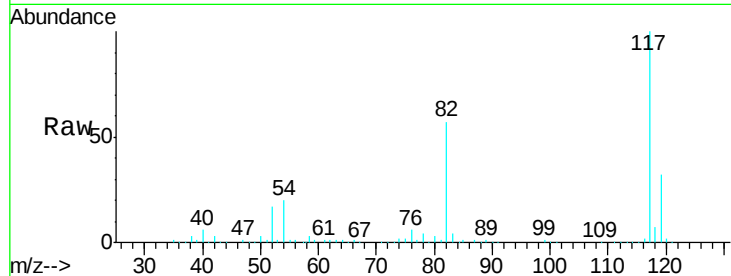
Tgt Ion:117 Resp: 256439

Ion Ratio Lower Upper

117 100

82 57.3 45.9 68.9

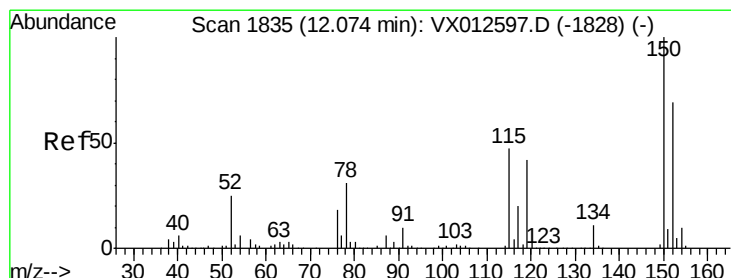
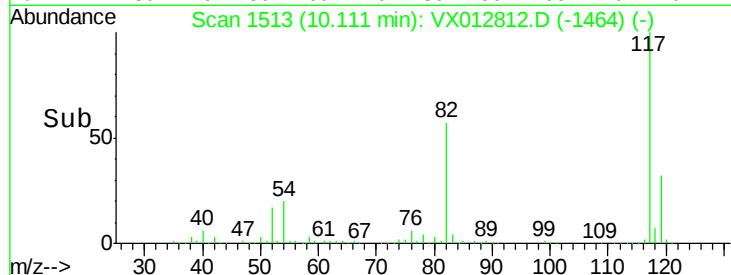
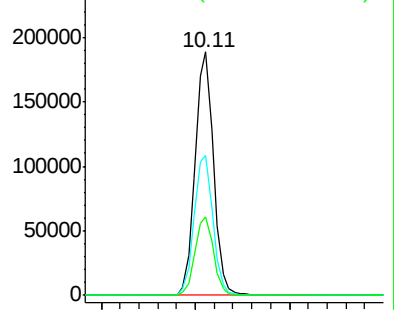
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

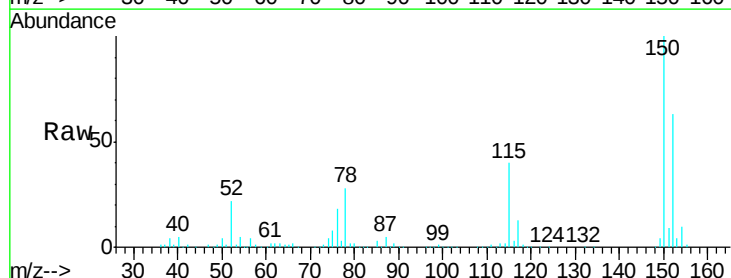
Tgt Ion:152 Resp: 98662

Ion Ratio Lower Upper

152 100

115 64.7 44.1 132.3

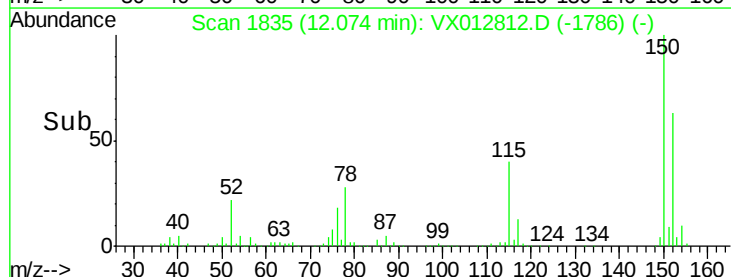
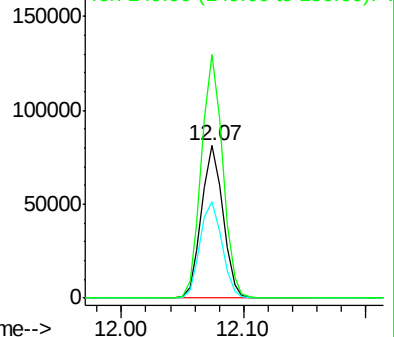
150 157.4 0.0 343.8

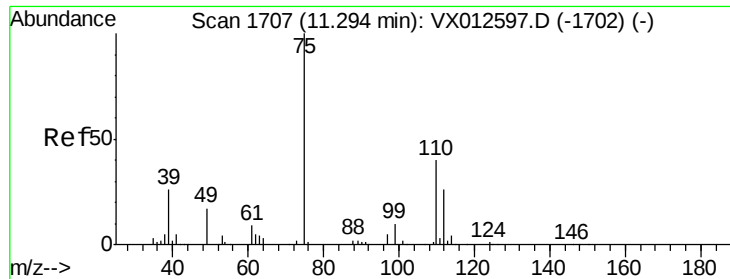


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.158 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

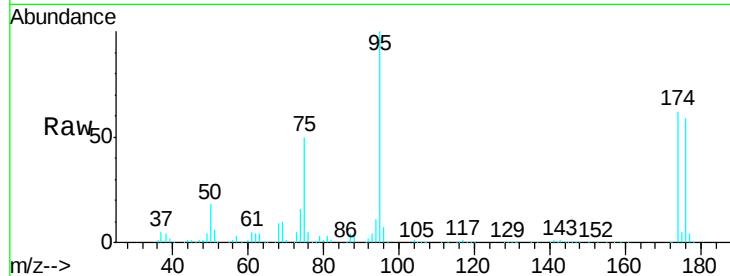
SA-MW127D-20190930

Tgt Ion: 75 Resp: 60440

Ion Ratio Lower Upper

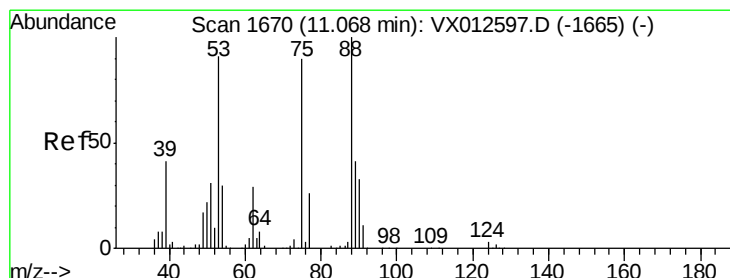
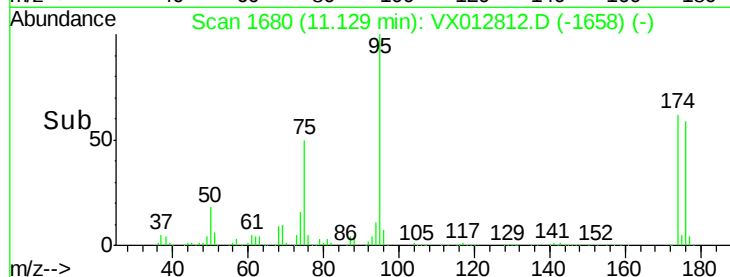
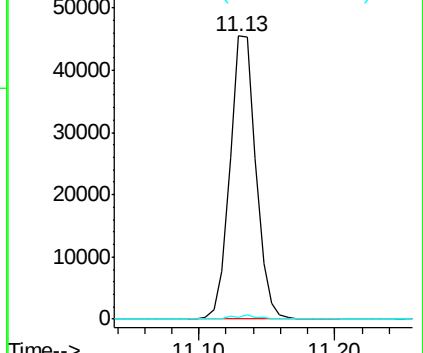
75 100

77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 66.367 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012812.D

Acq: 04 Oct 2019 15:25

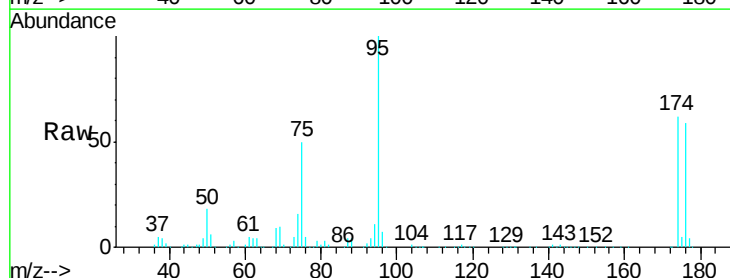
Tgt Ion: 75 Resp: 60440

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

