

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013027.D
 Acq On : 11 Oct 2019 19:27
 Operator : JC/SP
 Sample : K5313-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1JEBS-TB1

Quant Time: Oct 11 23:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89880	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	106231	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
35) Dibromofluoromethane	5.49	113	83006	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
50) Toluene-d8	8.71	98	327733	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	11.14	95	108994	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

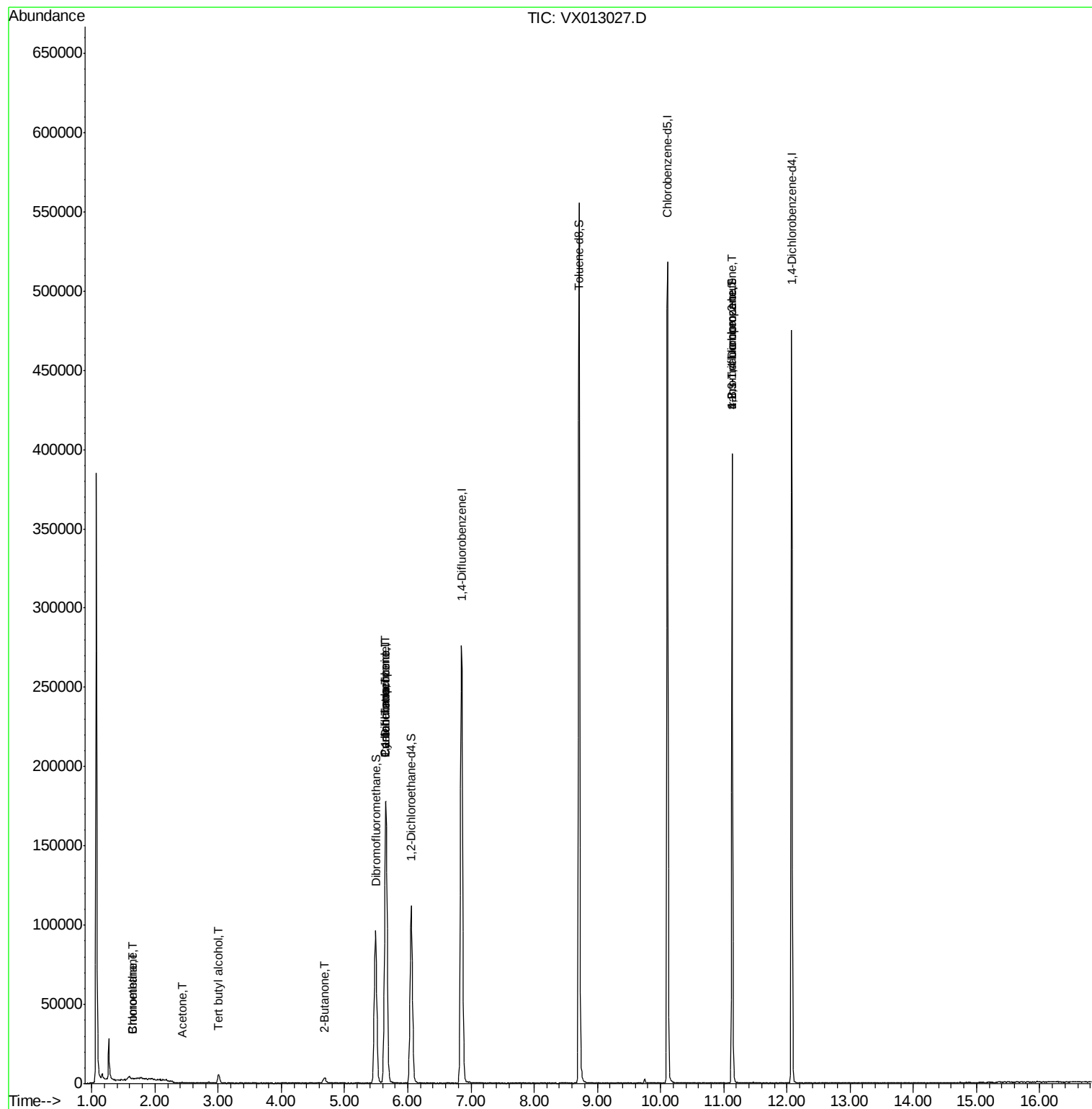
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	266	0.332	ug/l #	51
6) Chloroethane	1.64	64	2709	2.652	ug/l #	61
11) Tert butyl alcohol	3.01	59	3496	6.269	ug/l #	72
16) Acetone	2.42	43	392	0.354	ug/l #	43
25) 2-Butanone	4.68	43	334	0.217	ug/l #	49
31) Cyclohexane	5.65	56	3527	1.155	ug/l #	13
36) 1,1-Dichloropropene	5.65	75	13738	5.608	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17845	7.484	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	54613	27.395	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	54613	68.776	ug/l #	10

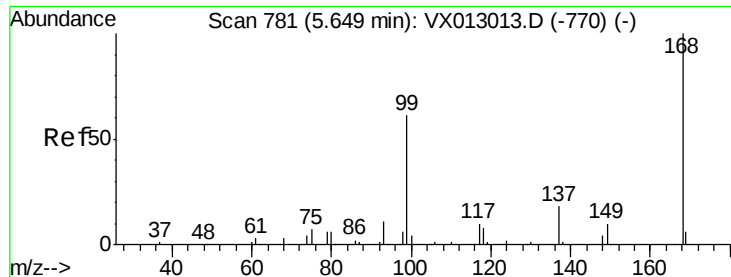
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
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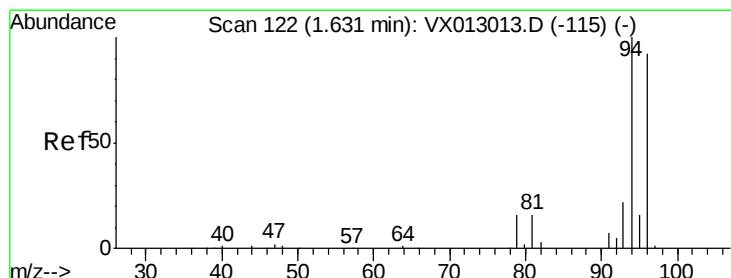
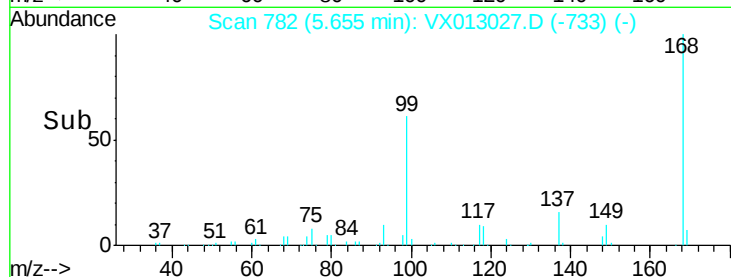
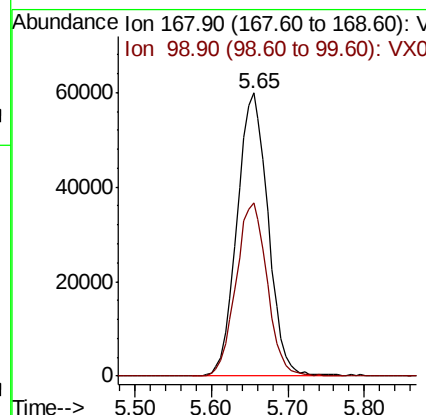
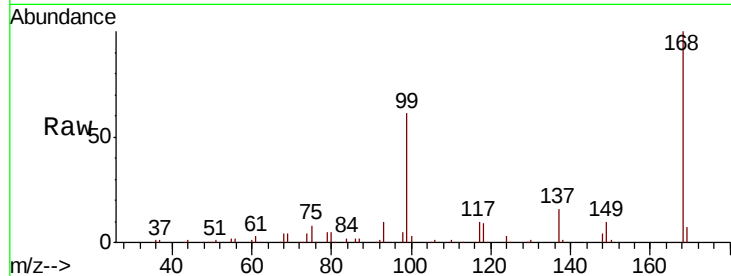




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

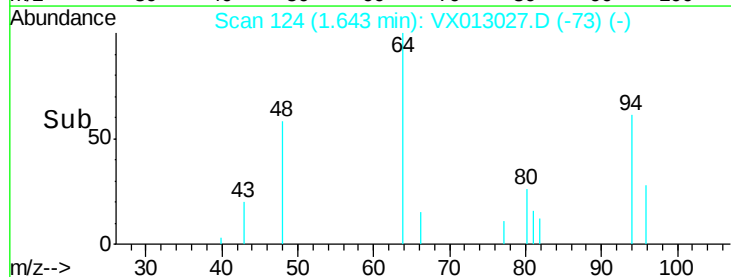
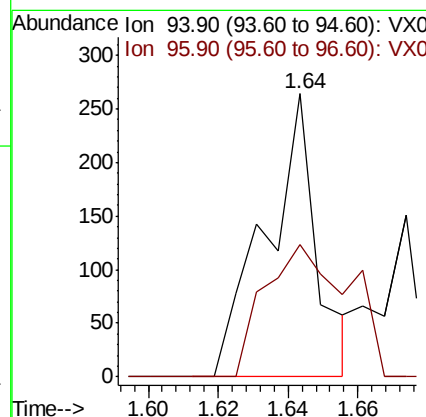
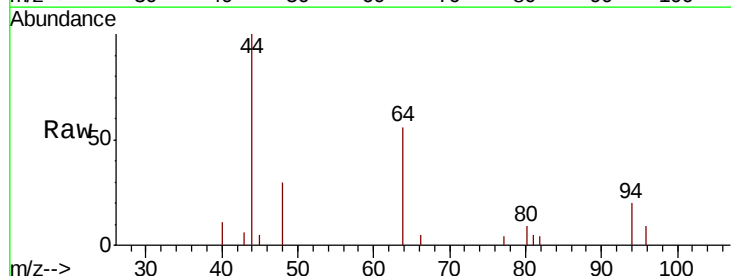
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1JEBS-TB1

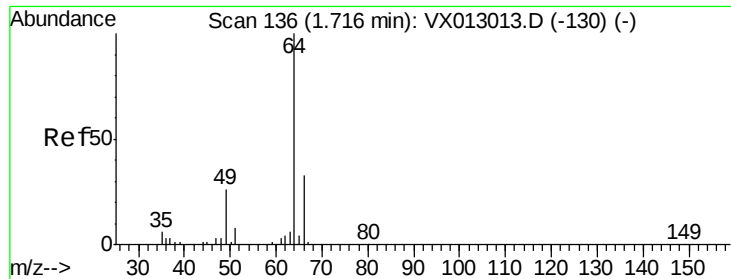
Tot Ion:168 Resp: 168304
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.0



#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 46.6 74.7 112.1#





#6

Chloroethane

Concen: 2.652 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.07 min

Lab File: VX013027.D

Acq: 11 Oct 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

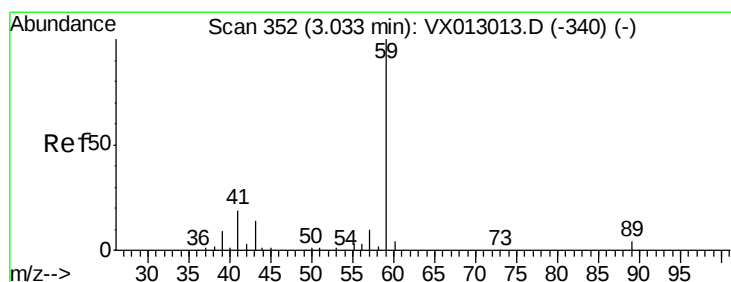
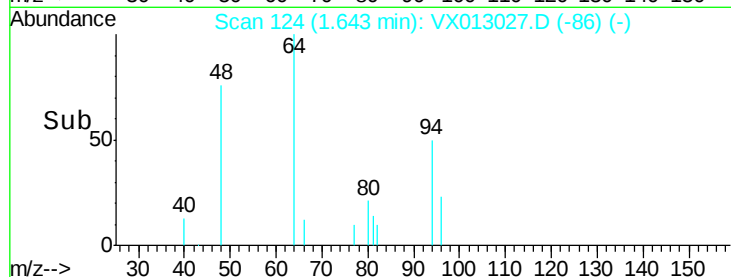
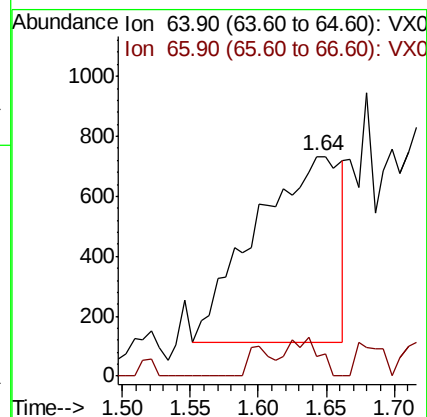
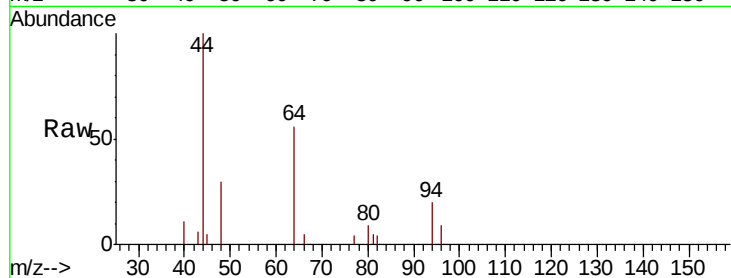
FA19-GMZ1JEBS-TB1

Tot Ion: 64 Resp: 2709

Ion Ratio Lower Upper

64 100

66 10.5 25.6 38.4#



#11

Tert butyl alcohol

Concen: 6.269 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX013027.D

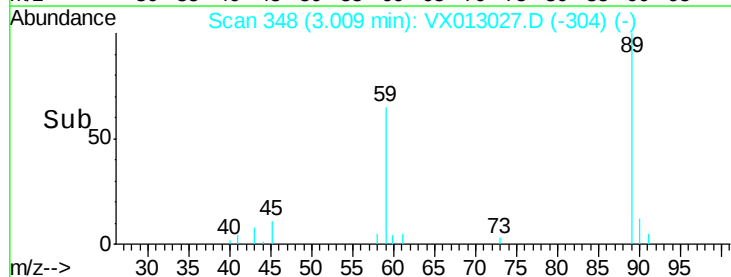
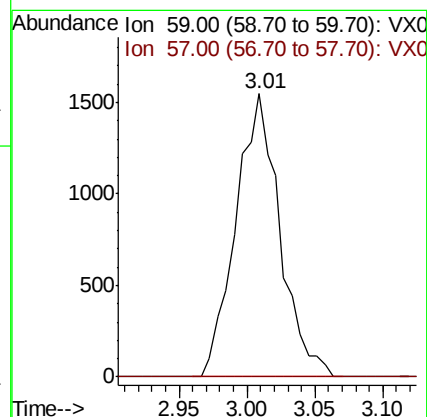
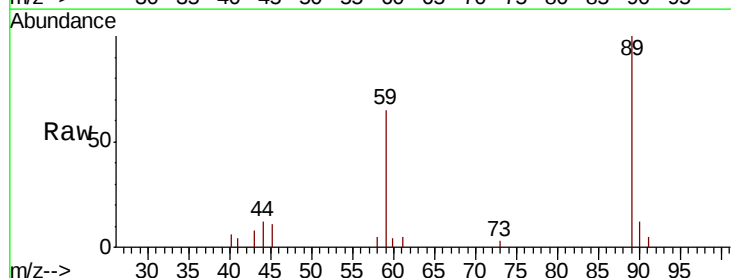
Acq: 11 Oct 2019 19:27

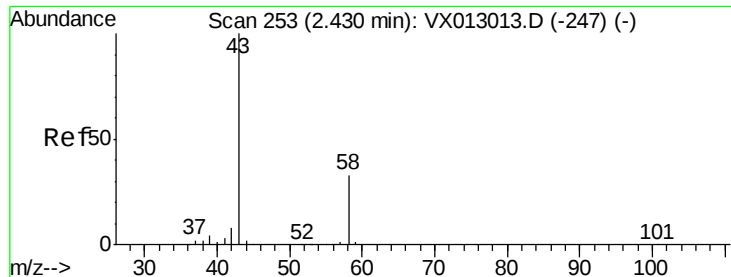
Tgt Ion: 59 Resp: 3496

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.354 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013027.D

Acq: 11 Oct 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

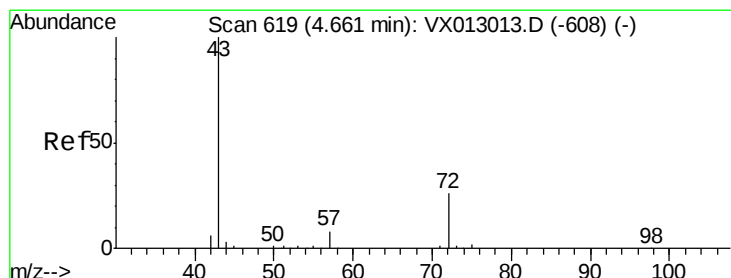
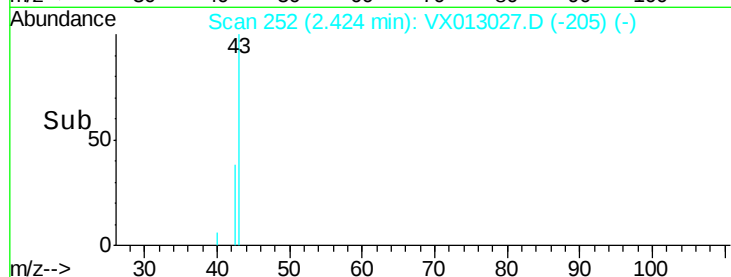
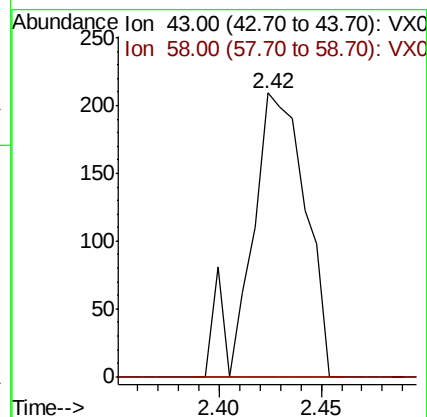
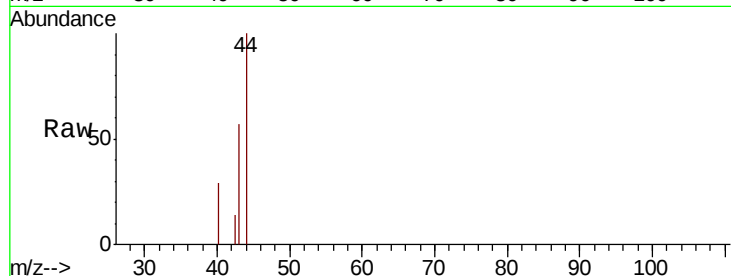
FA19-GMZ1JEBS-TB1

Tot Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.2#



#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013027.D

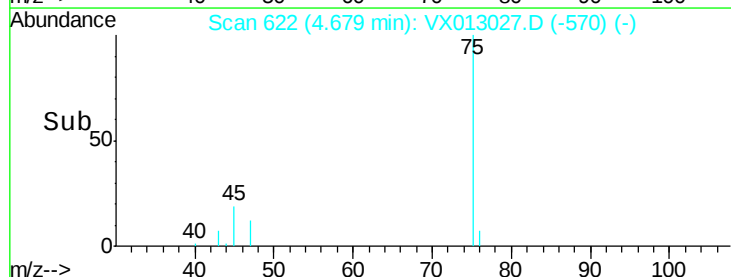
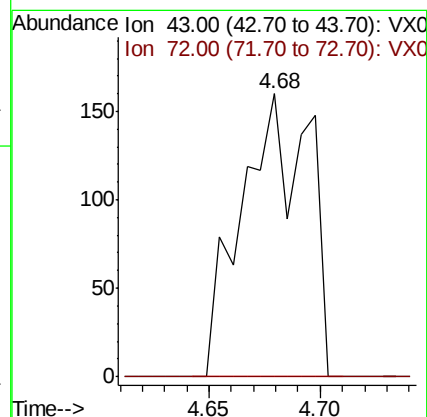
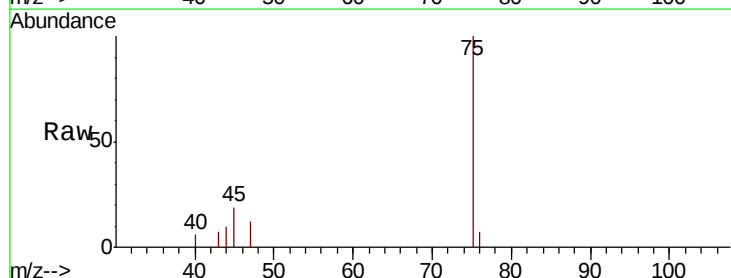
Acq: 11 Oct 2019 19:27

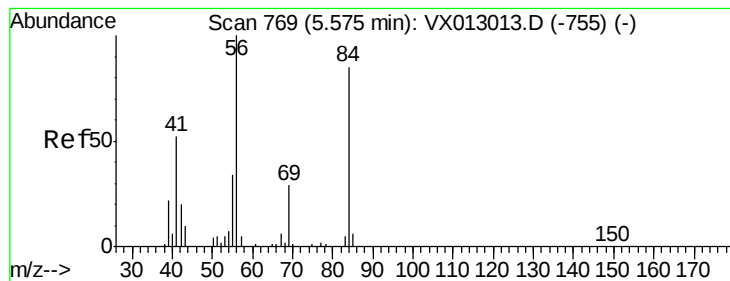
Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.09 min

Lab File: VX013027.D

Acq: 11 Oct 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

FA19-GMZ1JEBS-TB1

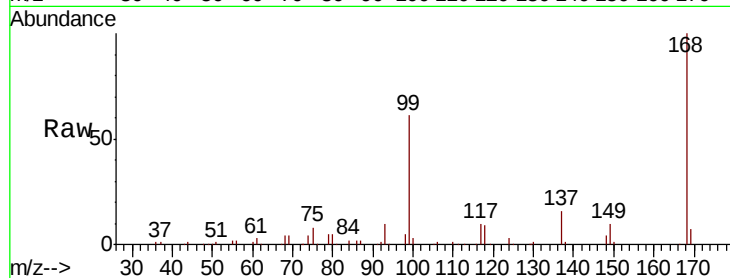
Tot Ion: 56 Resp: 3527

Ion Ratio Lower Upper

56 100

69 177.8 25.2 37.8#

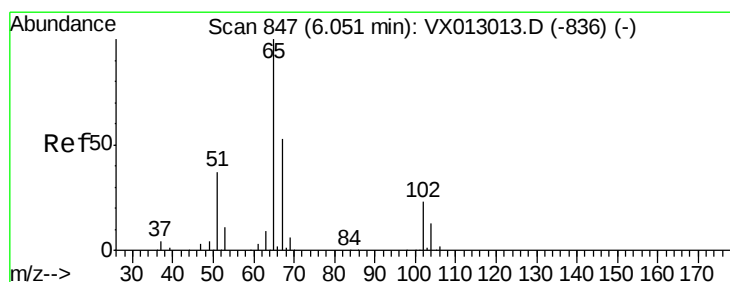
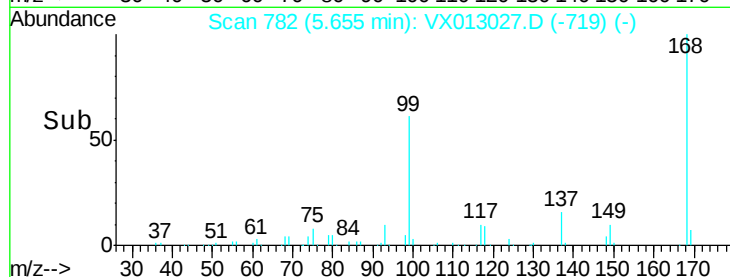
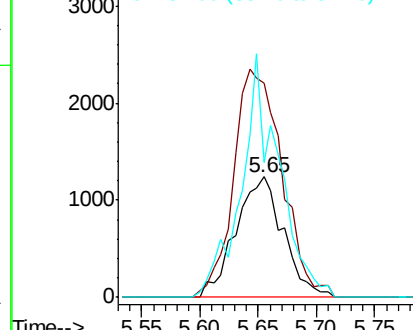
84 112.3 71.3 106.9#



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: 50.500 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013027.D

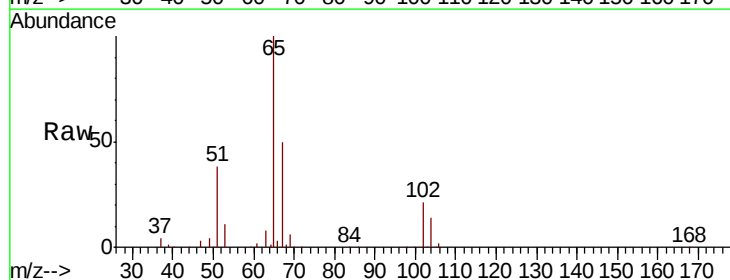
Acq: 11 Oct 2019 19:27

Tgt Ion: 65 Resp: 106231

Ion Ratio Lower Upper

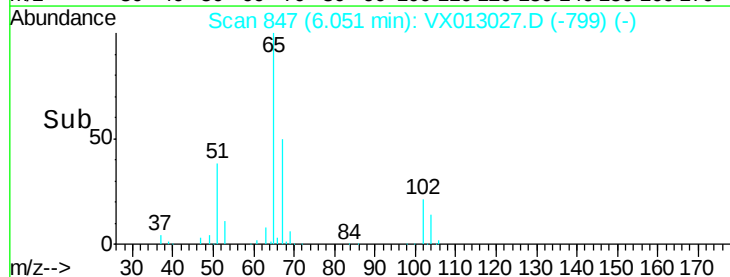
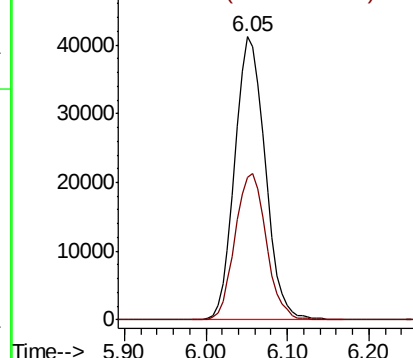
65 100

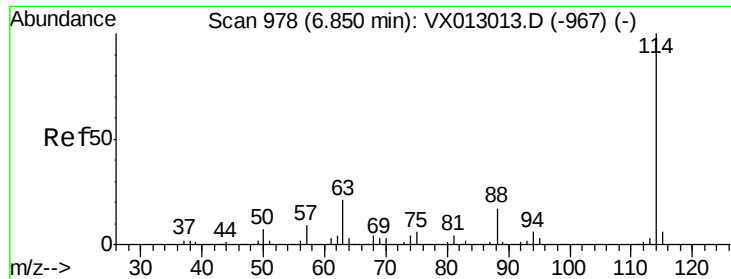
67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

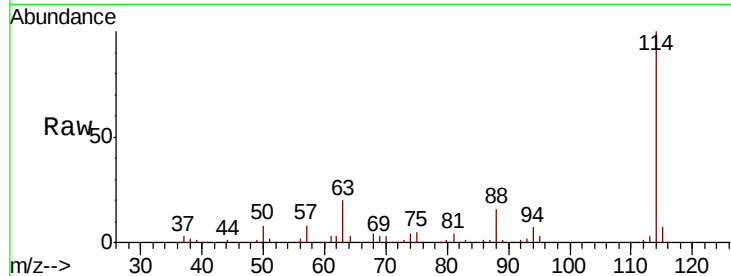




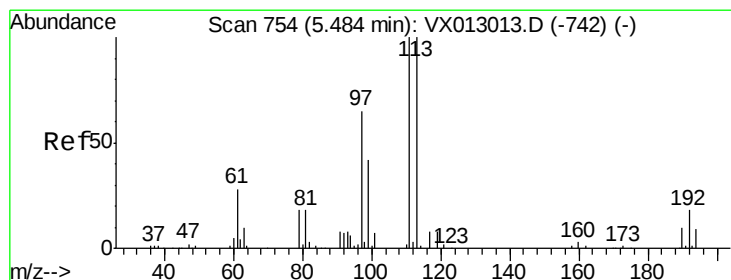
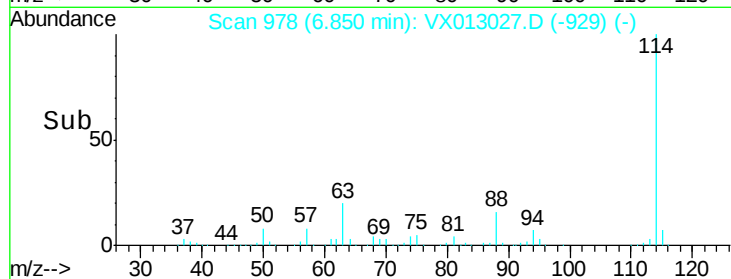
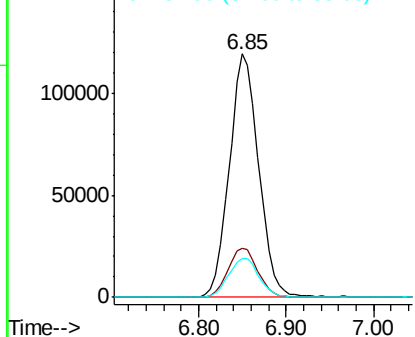
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

Instrument :
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ClientSampleId :
FA19-GMZ1JEBS-TB1

Tot Ion:114 Resp: 278648
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.2 0.0 33.8

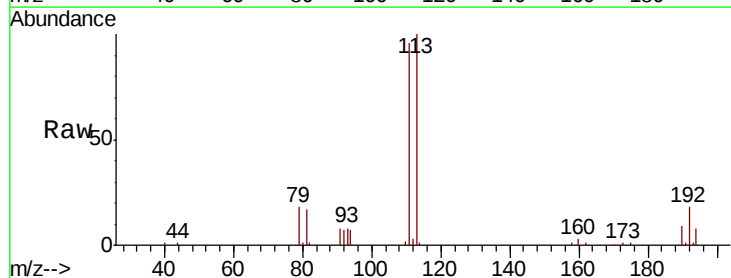


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

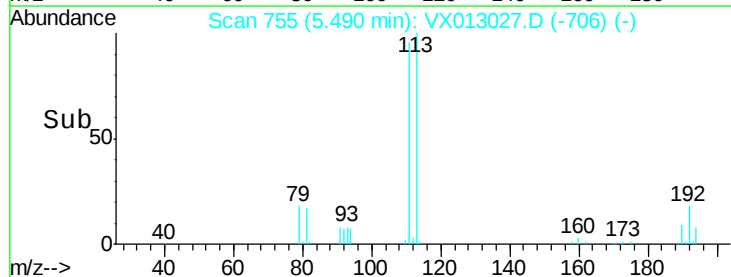
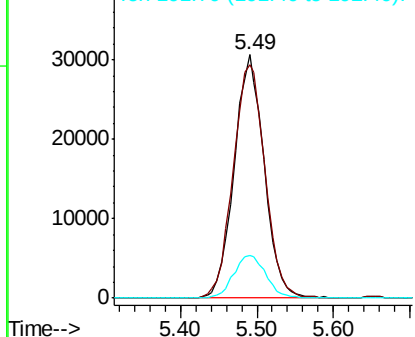


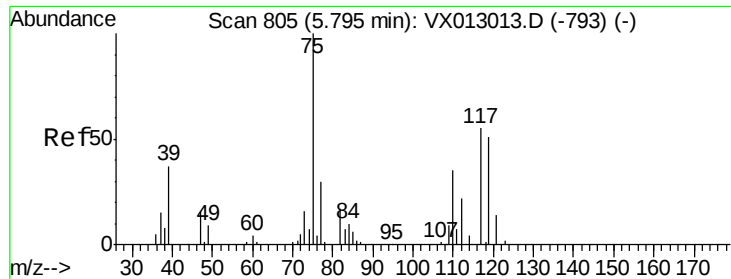
#35
Dibromofluoromethane
Concen: 51.902 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

Tgt Ion:113 Resp: 83006
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 18.9 15.4 23.2



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

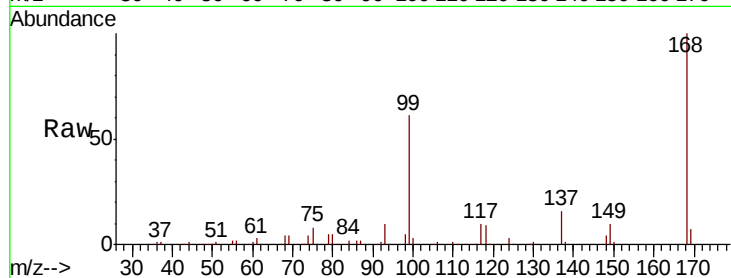




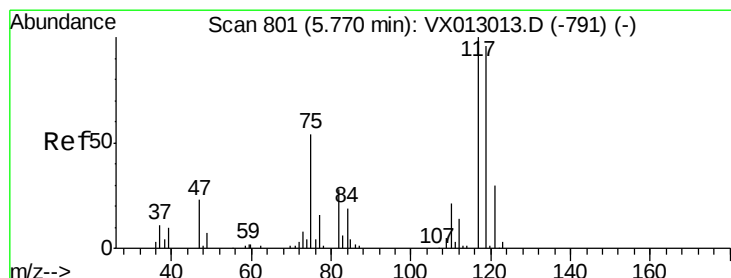
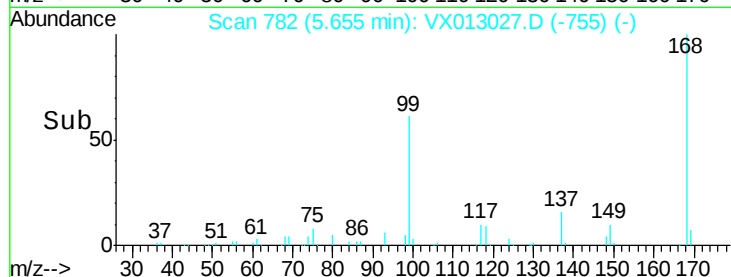
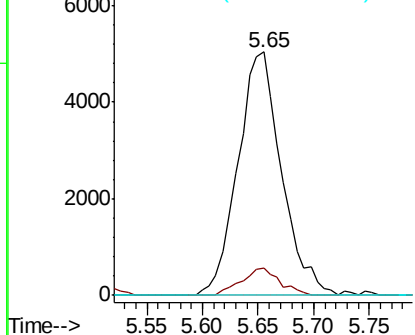
#36
 1,1-Dichloropropene
 Concen: 5.608 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013027.D
 Acq: 11 Oct 2019 19:27

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 FA19-GMZ1JEBS-TB1

Tot Ion	75	Resp	13738
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	17.6	52.9#
77	0.0	24.4	36.6#

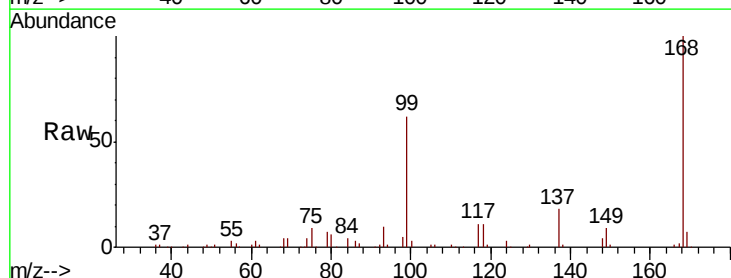


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

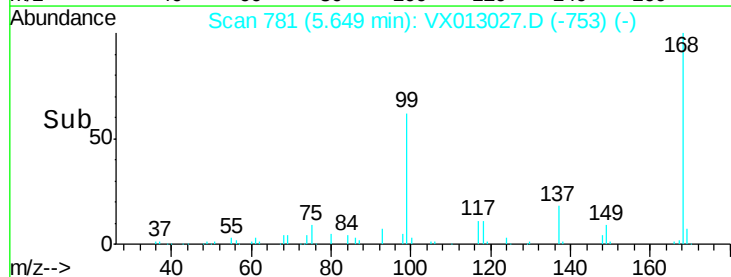
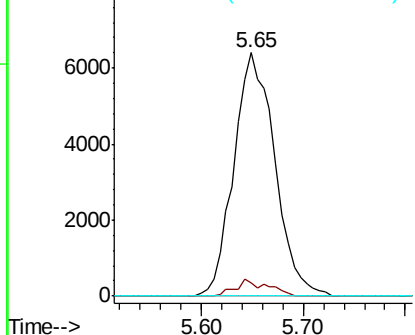


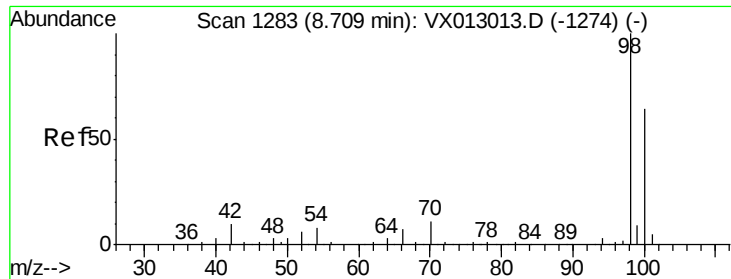
#38
 Carbon Tetrachloride
 Concen: 7.484 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013027.D
 Acq: 11 Oct 2019 19:27

Tgt Ion	117	Resp	17845
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.3	74.5	111.7#
121	0.0	24.2	36.4#



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

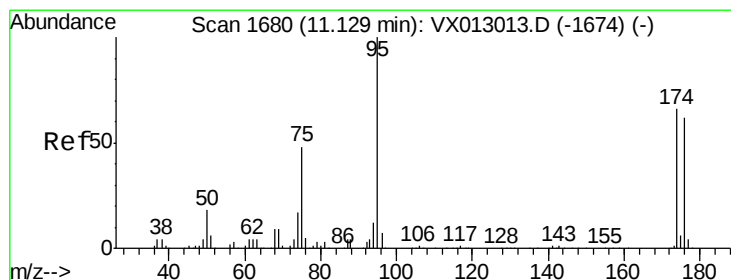
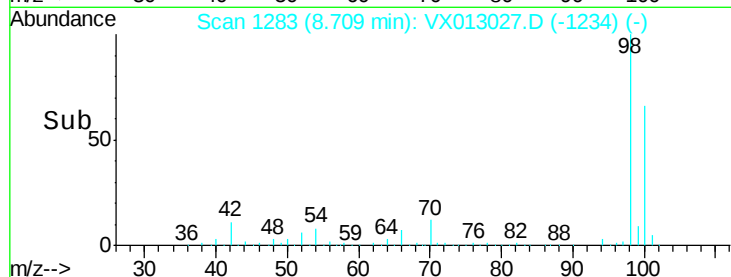
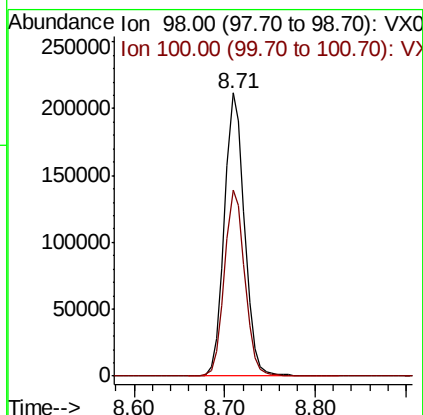
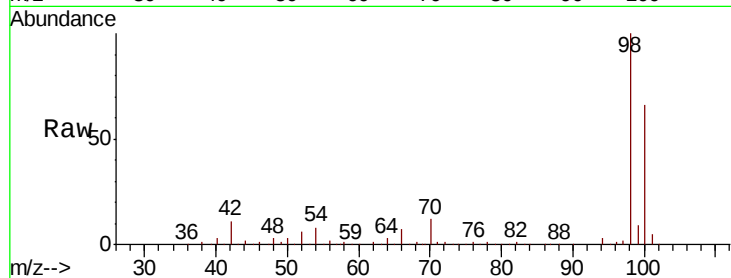




#50
Toluene-d8
Concen: 52.541 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

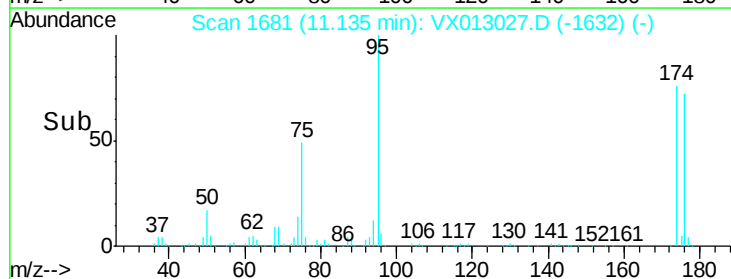
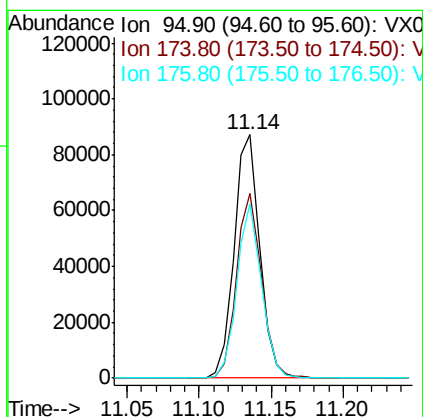
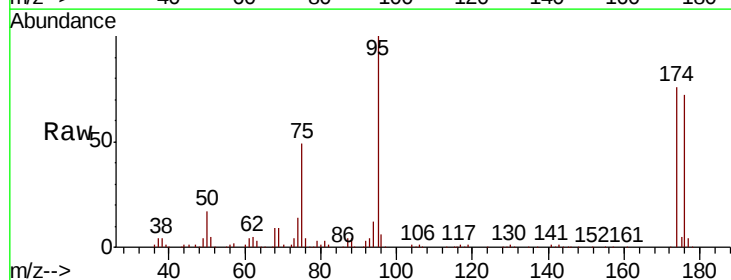
Instrument :
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FA19-GMZ1JEBS-TB1

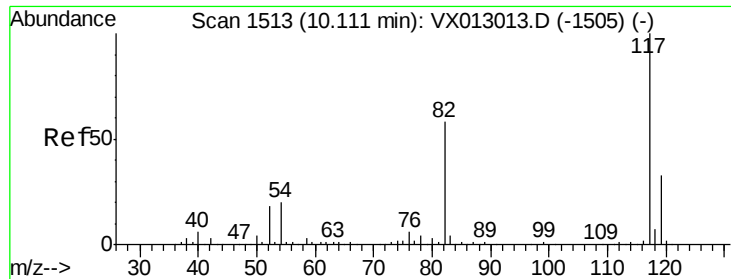
Tot Ion: 98 Resp: 327733
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.971 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013027.D
Acq: 11 Oct 2019 19:27

Tgt Ion: 95 Resp: 108994
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.4
176 68.9 0.0 136.0

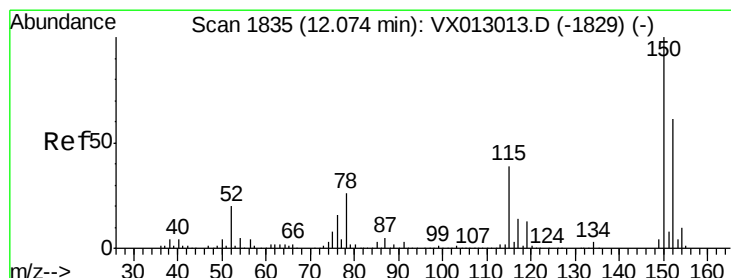
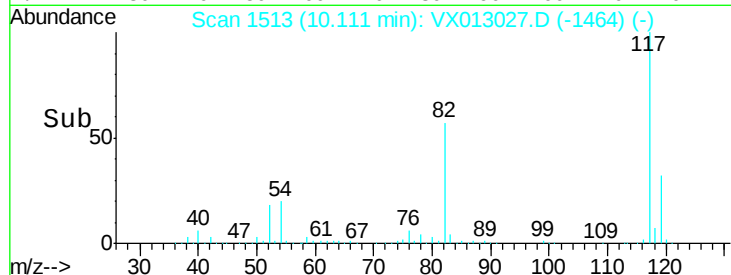
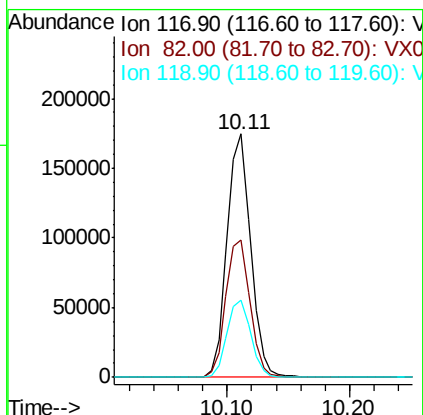
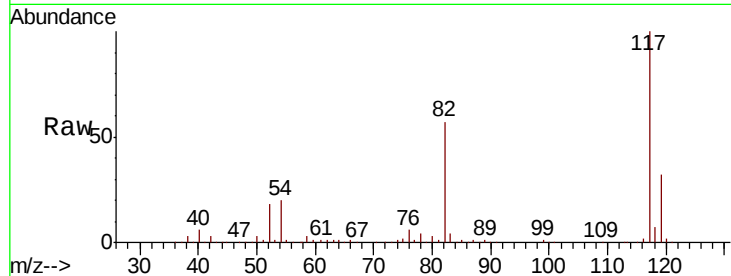




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX013027.D
 Acq: 11 Oct 2019 19:27

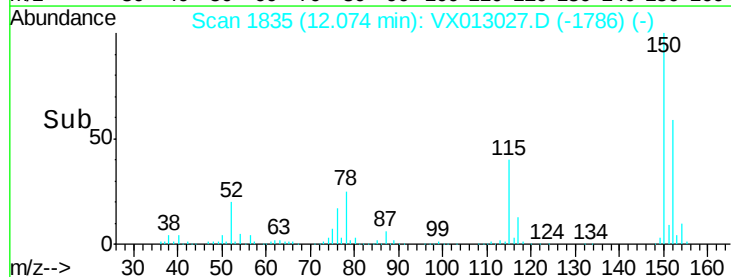
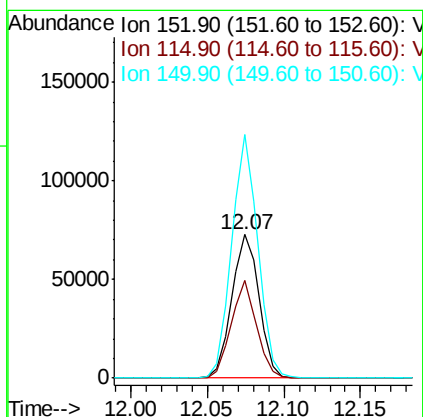
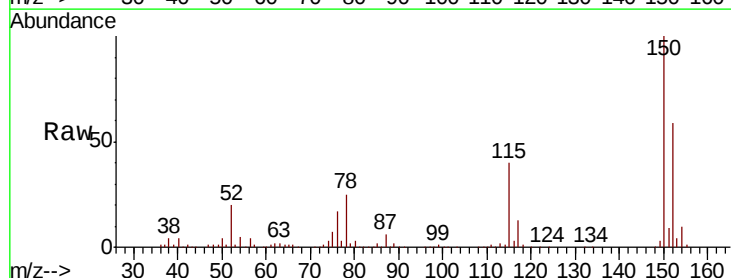
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1JEBS-TB1

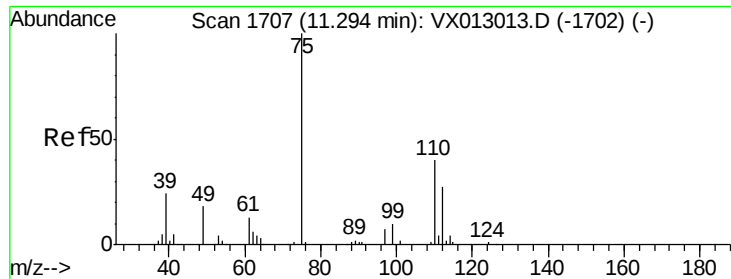
Tot Ion:117 Resp: 234220
 Ion Ratio Lower Upper
 117 100
 82 56.6 44.1 66.1
 119 31.8 25.8 38.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013027.D
 Acq: 11 Oct 2019 19:27

Tgt Ion:152 Resp: 89880
 Ion Ratio Lower Upper
 152 100
 115 63.8 44.5 133.5
 150 162.4 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 27.395 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX013027.D

Acq: 11 Oct 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

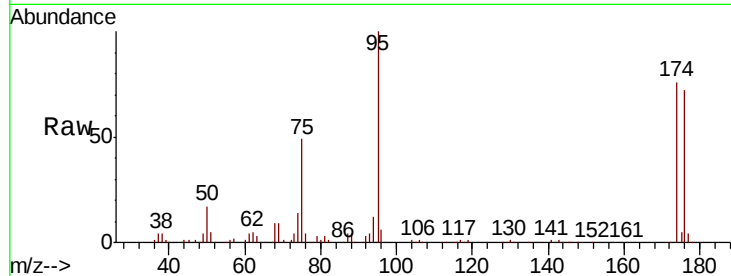
FA19-GMZ1JEBS-TB1

Tot Ion: 75 Resp: 54613

Ion Ratio Lower Upper

75 100

77 1.2 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

40000

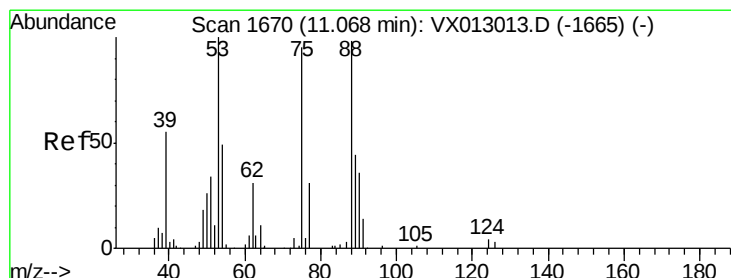
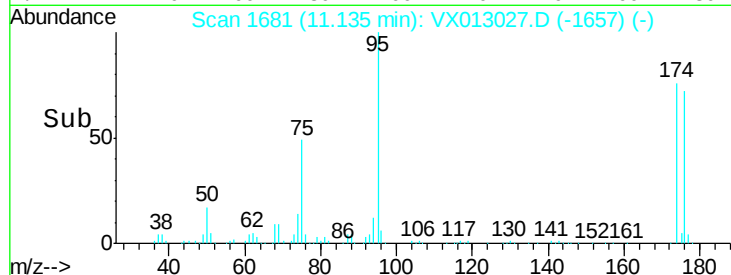
30000

20000

10000

0

Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 68.776 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013027.D

Acq: 11 Oct 2019 19:27

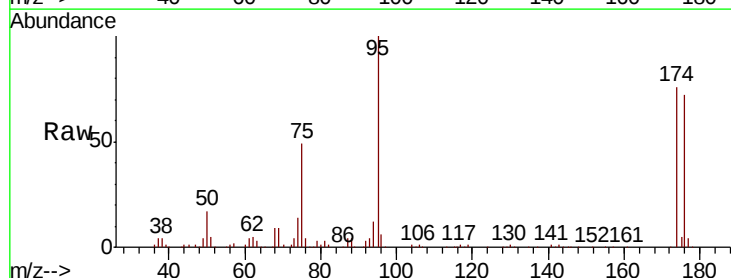
Tgt Ion: 75 Resp: 54613

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.1 37.4 56.2#



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

11.14

50000

40000

30000

20000

10000

0

Time--> 11.05 11.10 11.15 11.20

