

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101419\
 Data File : VX013044.D
 Acq On : 14 Oct 2019 12:13
 Operator : JC/SP
 Sample : K5313-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Quant Time: Oct 15 01:23:39 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	184210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108095	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	113288	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	88724	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	8.71	98	356342	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.14	95	122591	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1100	0.538	ug/l	95
4) Vinyl Chloride	1.40	62	6234	2.956	ug/l	92
5) Bromomethane	1.64	94	399	0.455	ug/l #	43
6) Chloroethane	1.65	64	22	0.385	ug/l #	43
10) Methyl Iodide	2.51	142	118	5.132	ug/l #	40
11) Tert butyl alcohol	3.03	59	1919	3.144	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	727	0.391	ug/l #	40
13) Acrolein	2.27	56	102	0.235	ug/l #	1
14) Allyl chloride	2.59	41	6080	1.834	ug/l #	63
15) Acrylonitrile	3.17	53	602	0.520	ug/l #	24
16) Acetone	2.43	43	11093	9.141	ug/l	94
18) Methyl Acetate	2.84	43	131920	45.861	ug/l #	51
20) Methylene Chloride	2.84	84	1029	0.461	ug/l #	1
21) trans-1,2-Dichloroethene	3.17	96	483	0.242	ug/l #	47
25) 2-Butanone	4.69	43	386	0.229	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	5580	2.426	ug/l	90
31) Cyclohexane	5.57	56	10671	3.193	ug/l	96
36) 1,1-Dichloropropene	5.65	75	13874	5.211	ug/l #	51
37) Ethyl Acetate	4.83	43	1622	0.545	ug/l #	68
38) Carbon Tetrachloride	5.65	117	19764	7.626	ug/l #	17
39) Methylcyclohexane	7.45	83	2431	0.753	ug/l #	85
40) Benzene	6.14	78	53706	6.829	ug/l	99
43) Isopropyl Acetate	6.34	43	83857	17.549	ug/l #	60
44) Trichloroethene	7.21	130	3345	1.534	ug/l	87
47) Bromodichloromethane	8.06	83	1506	0.578	ug/l #	24
48) Methyl methacrylate	7.84	41	814	0.350	ug/l #	86
51) 4-Methyl-2-Pentanone	8.67	43	3409	1.144	ug/l #	71
55) 1,1,2-Trichloroethane	9.16	97	1939	0.974	ug/l #	16
56) Ethyl methacrylate	9.17	69	351	1.926	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.17	63	371	0.254	ug/l #	45
71) Bromoform	11.12	173	30	3.151	ug/l #	29
73) Isopropylbenzene	11.01	105	12262	1.543	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	60633	25.290	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	60633	63.804	ug/l #	10

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Quant Time: Oct 15 01:23:39 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

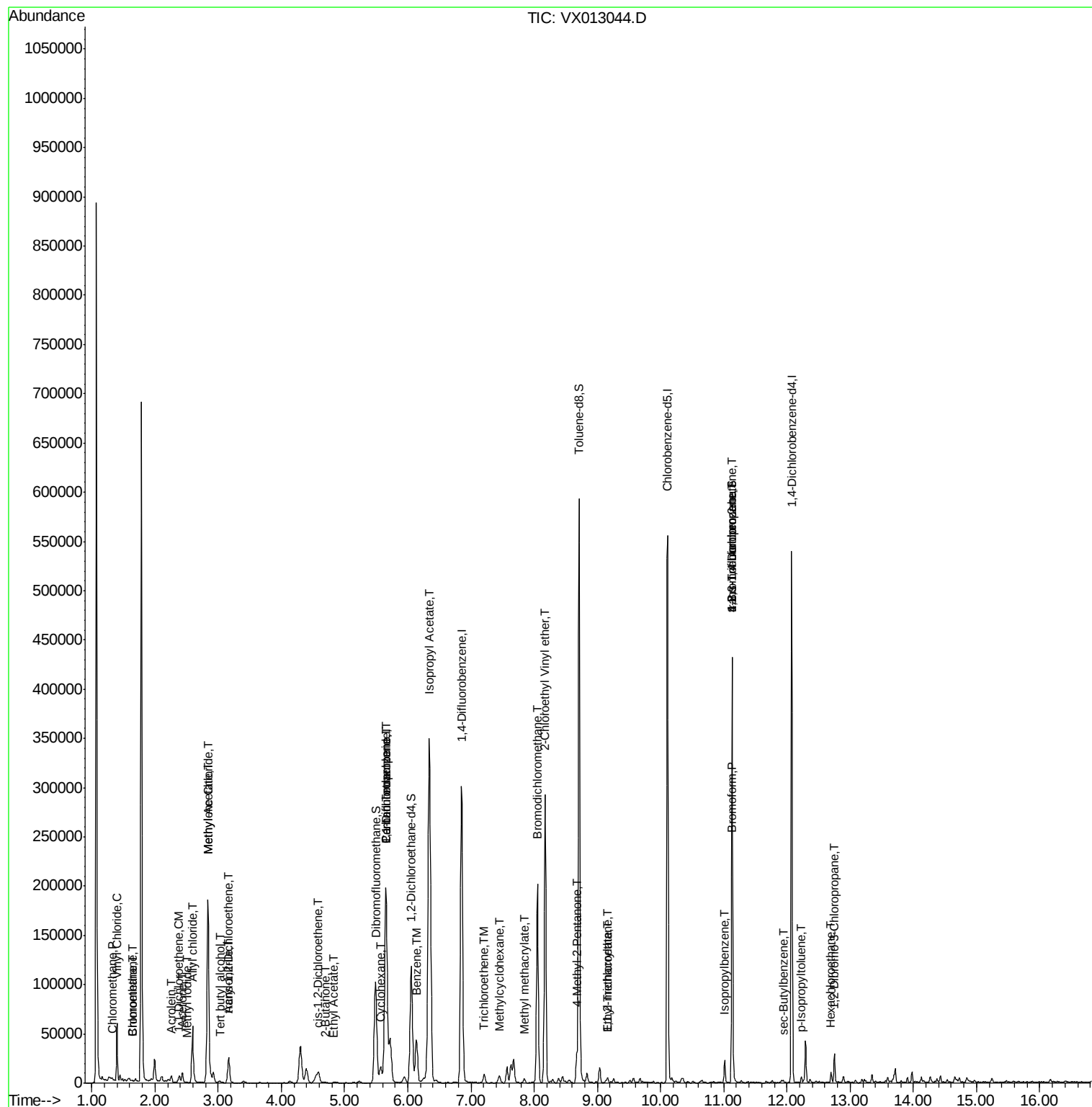
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	1541	0.205	ug/l #	56
86) p-Isopropyltoluene	12.23	119	2741	0.394	ug/l	95
90) Hexachloroethane	12.70	117	3315	4.582	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	12.75	75	140	0.226	ug/l #	1

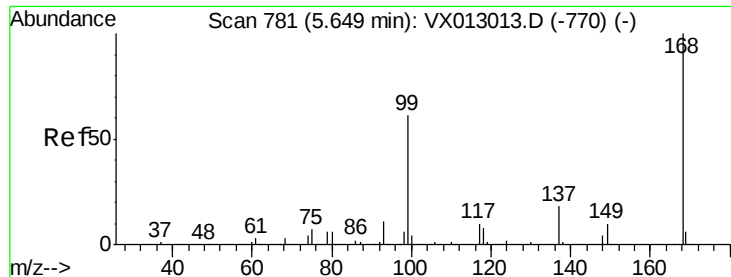
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

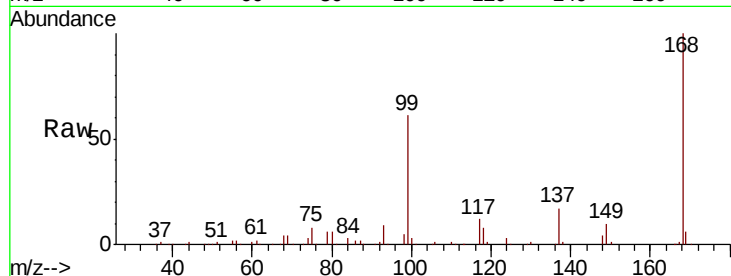
FA19-JBW7338A

Tot Ion:168 Resp: 184210

Ion Ratio Lower Upper

168 100

99 61.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

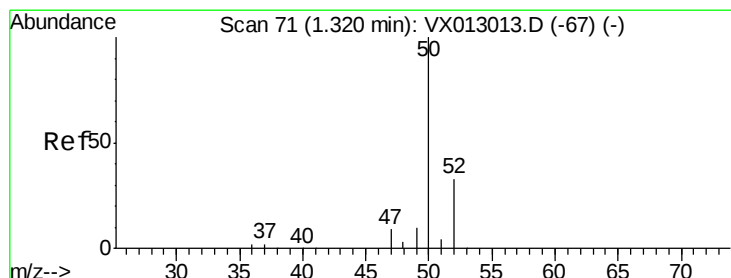
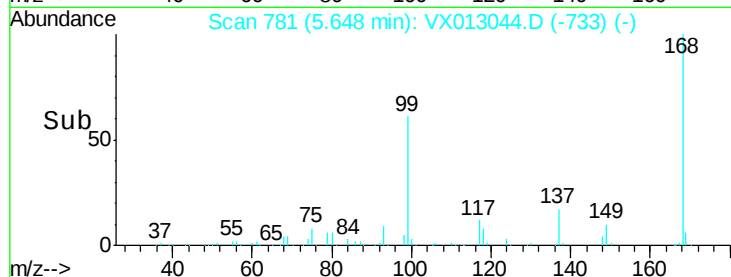
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.538 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013044.D

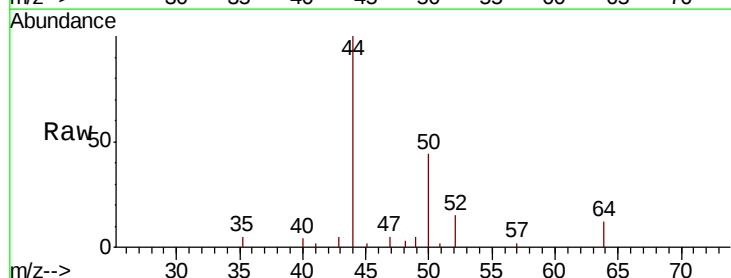
Acq: 14 Oct 2019 12:13

Tgt Ion: 50 Resp: 1100

Ion Ratio Lower Upper

50 100

52 34.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

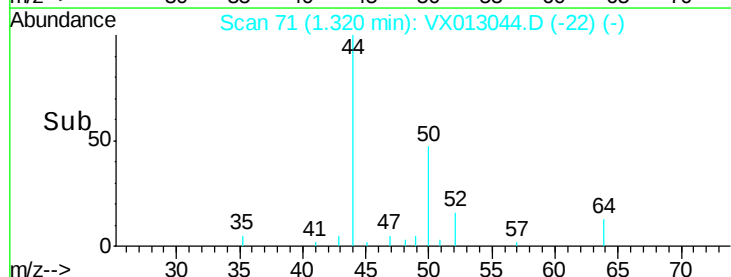
1000

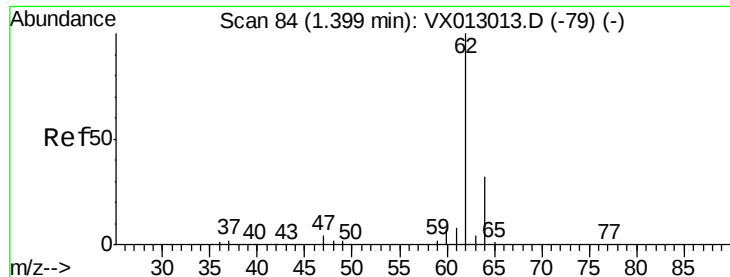
500

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 2.956 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

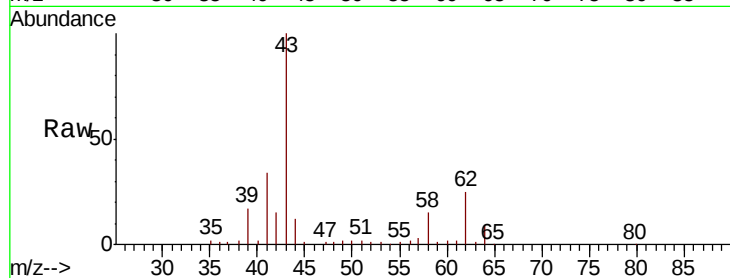
FA19-JBW7338A

Tot Ion: 62 Resp: 6234

Ion Ratio Lower Upper

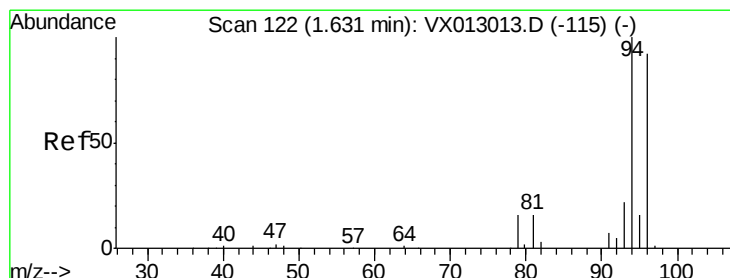
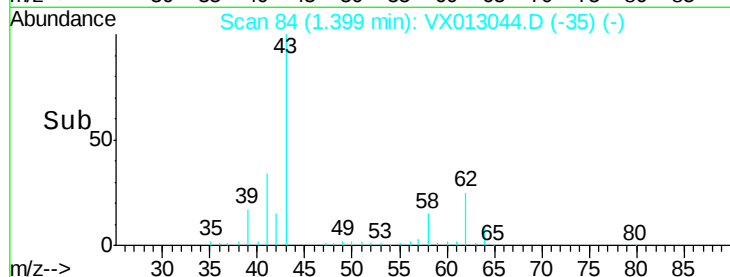
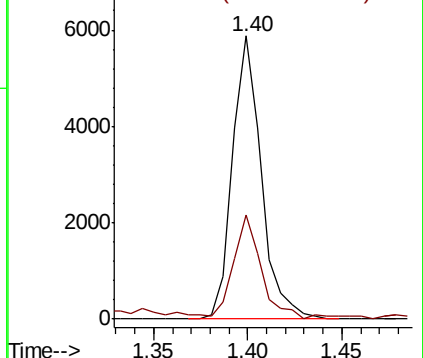
62 100

64 35.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.455 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013044.D

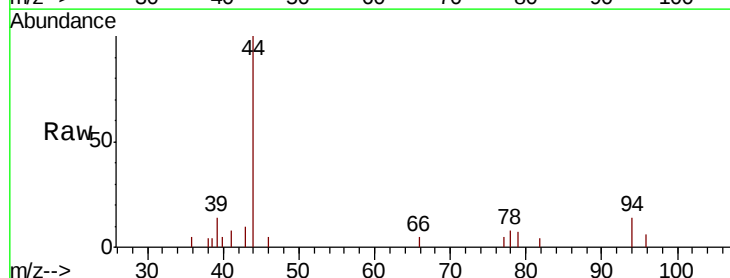
Acq: 14 Oct 2019 12:13

Tgt Ion: 94 Resp: 399

Ion Ratio Lower Upper

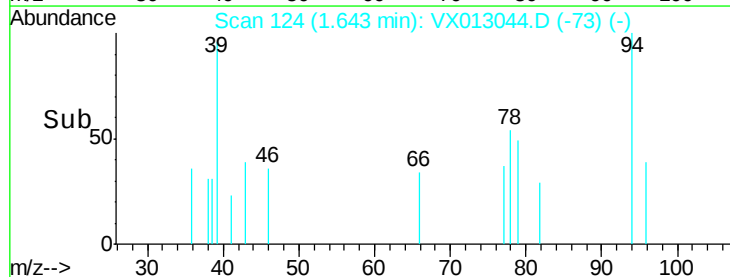
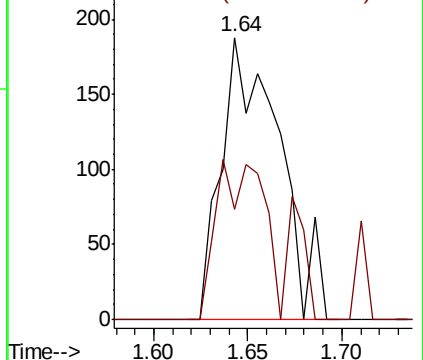
94 100

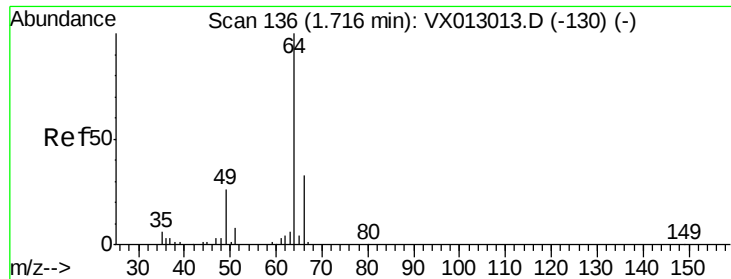
96 38.8 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.385 ug/l

RT: 1.65 min Scan# 125

Delta R.T. -0.06 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

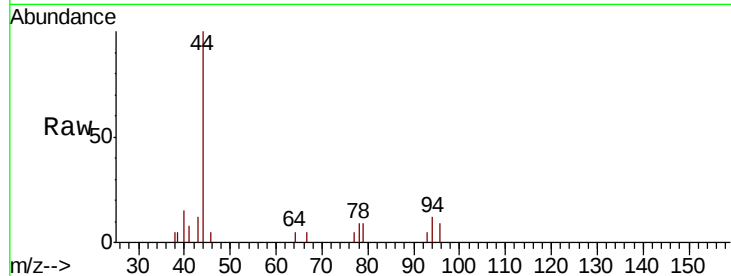
FA19-JBW7338A

Tot Ion: 64 Resp: 22

Ion Ratio Lower Upper

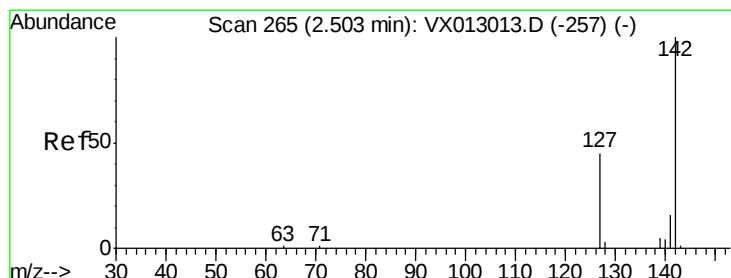
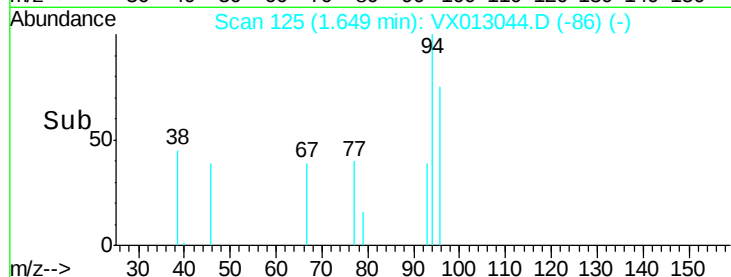
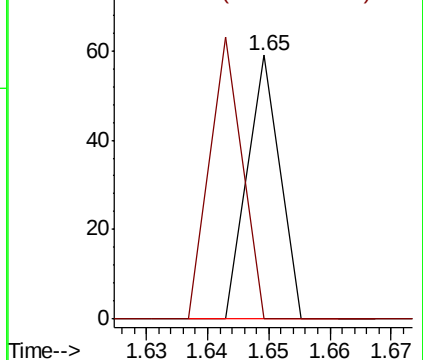
64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.132 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

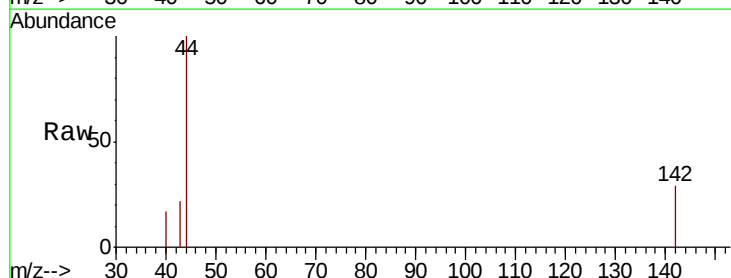
Tgt Ion: 142 Resp: 118

Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

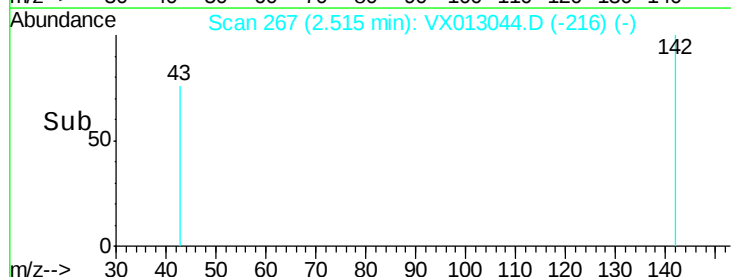
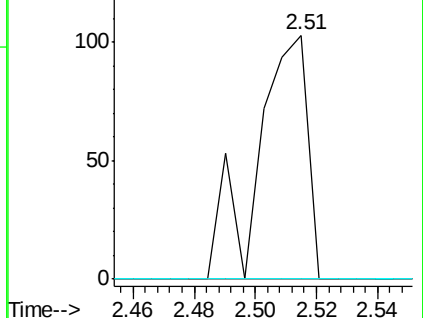
141 0.0 11.6 17.4#

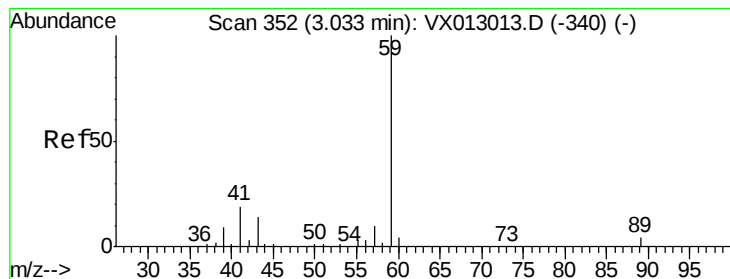


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



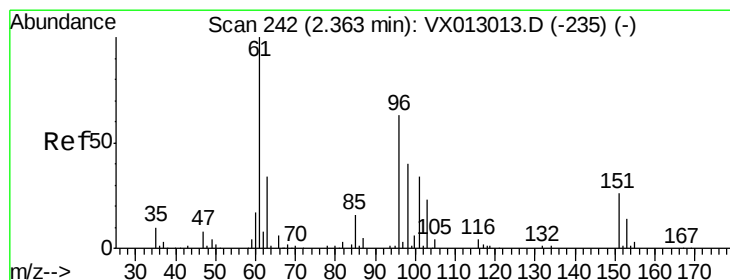
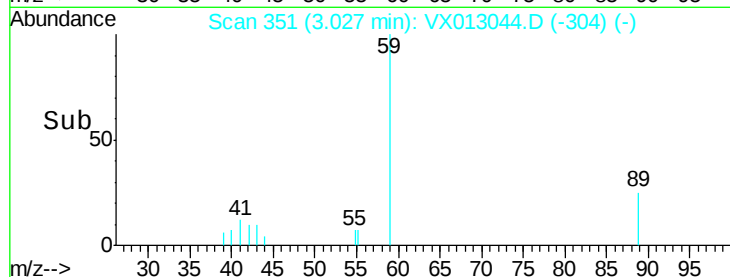
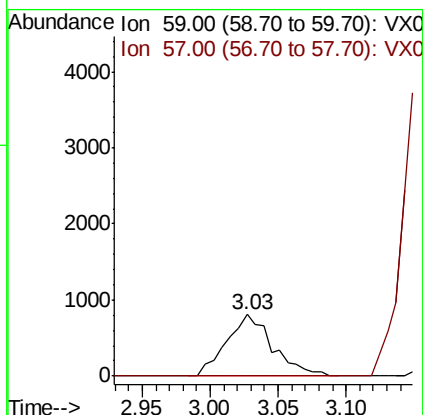
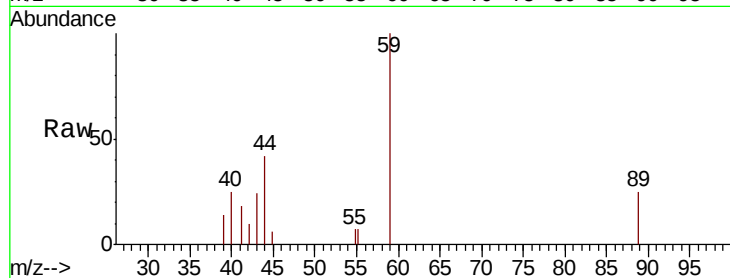


#11

Tert butyl alcohol
Concen: 3.144 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Instrument :
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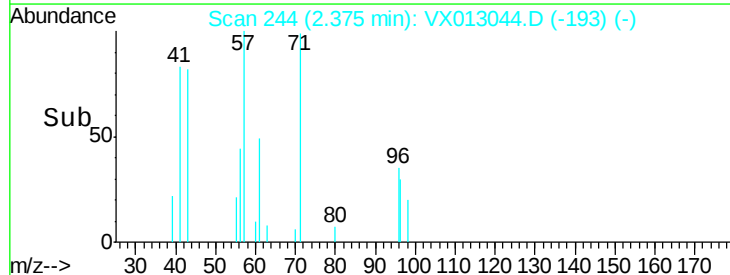
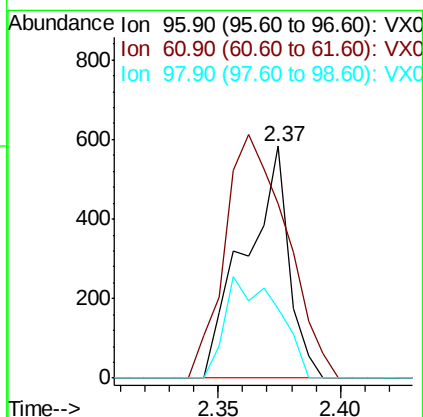
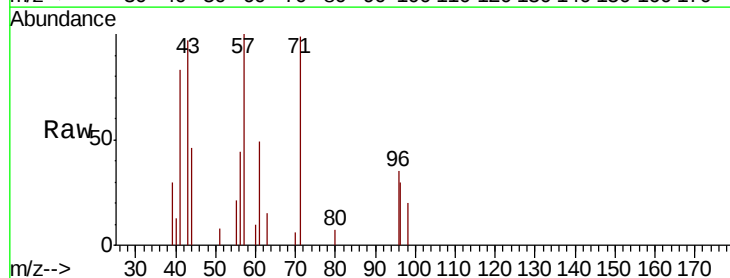
Tot Ion: 59 Resp: 1919
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

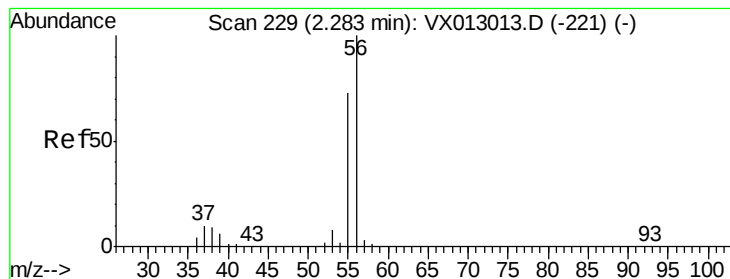


#12

1,1-Dichloroethene
Concen: 0.391 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 75.5 132.2 198.4#
98 30.2 50.5 75.7#





#13

Acrolein

Concen: 0.235 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

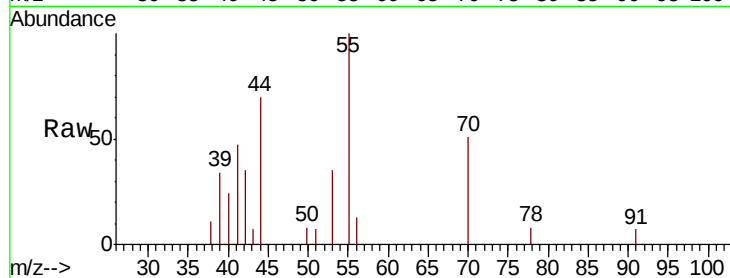
FA19-JBW7338A

Tot Ion: 56 Resp: 102

Ion Ratio Lower Upper

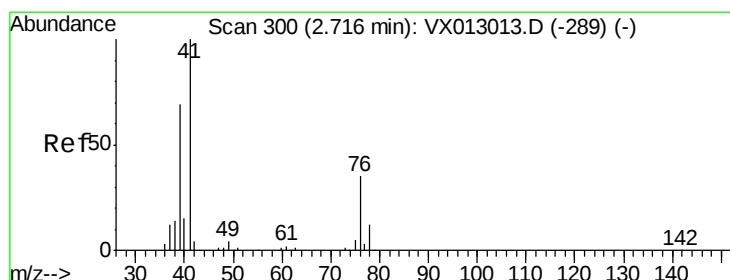
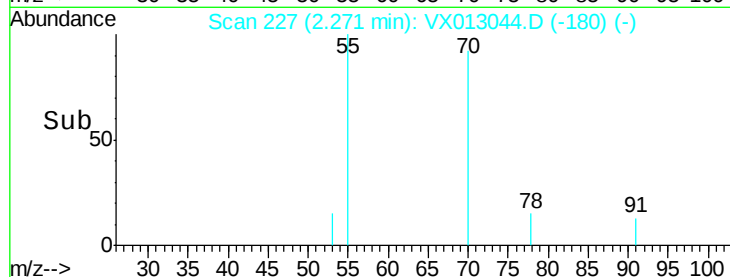
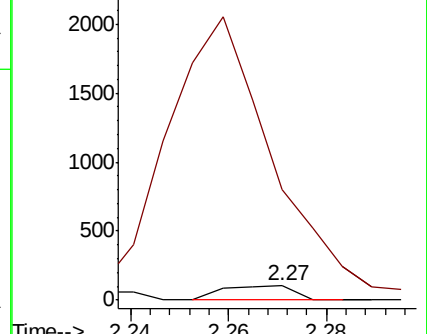
56 100

55 3050.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.834 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.12 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

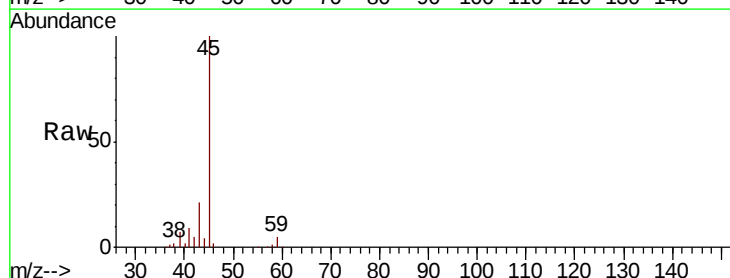
Tgt Ion: 41 Resp: 6080

Ion Ratio Lower Upper

41 100

39 83.6 51.0 76.6#

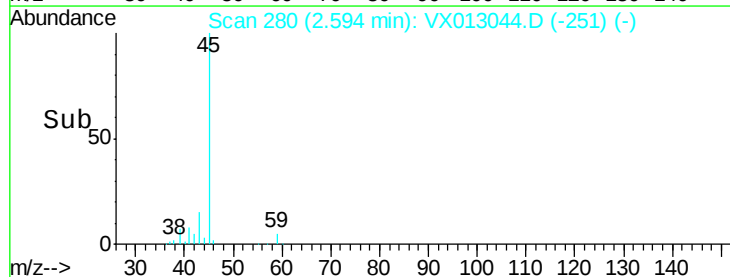
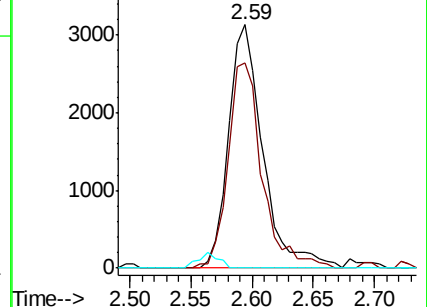
76 0.0 26.2 39.4#

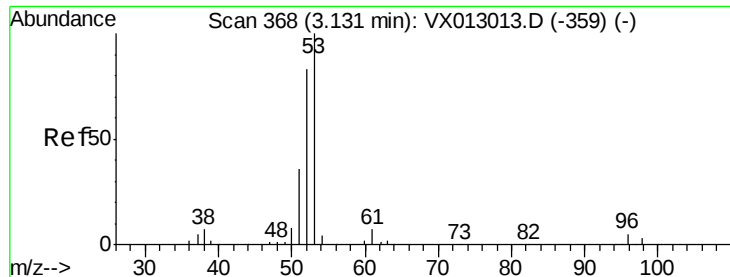


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.520 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.03 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

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ClientSampleId :

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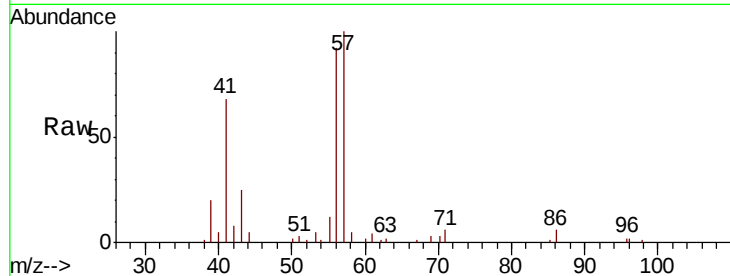
Tot Ion: 53 Resp: 602

Ion Ratio Lower Upper

53 100

52 7.8 66.2 99.2#

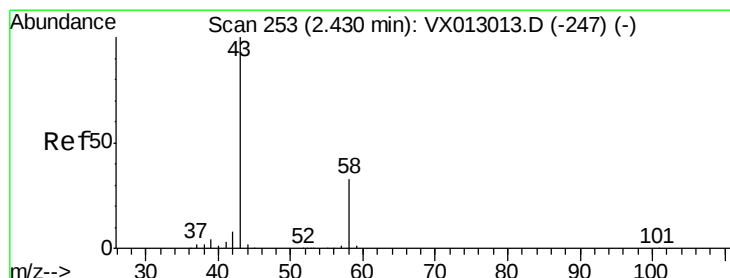
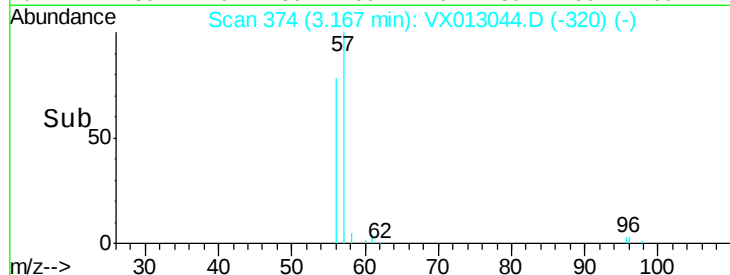
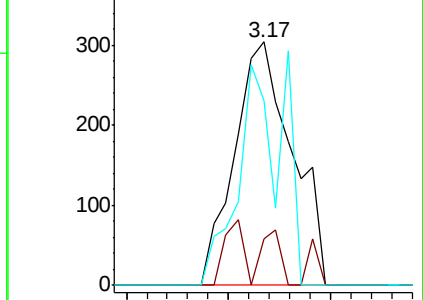
51 68.9 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 9.141 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013044.D

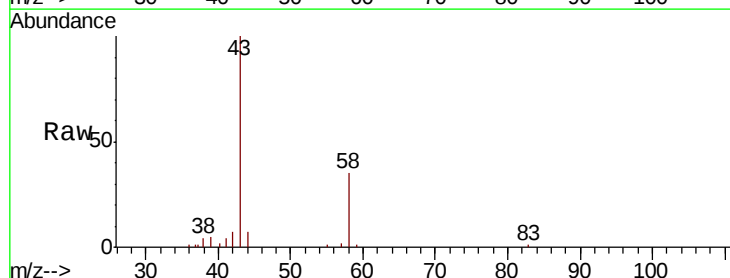
Acq: 14 Oct 2019 12:13

Tgt Ion: 43 Resp: 11093

Ion Ratio Lower Upper

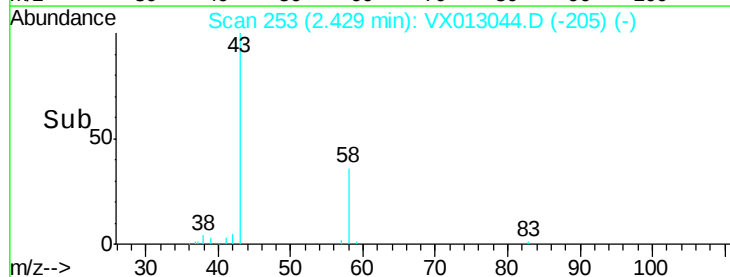
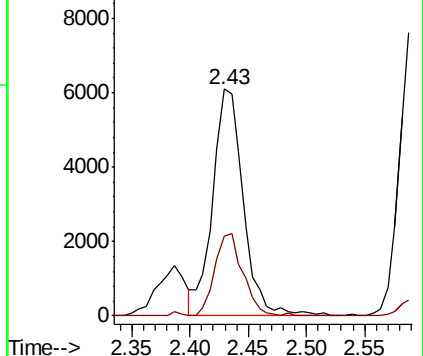
43 100

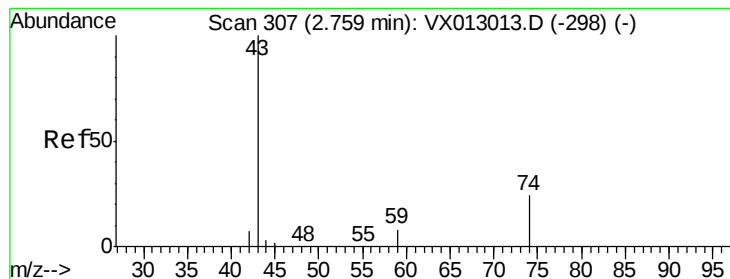
58 35.0 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 45.861 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.07 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

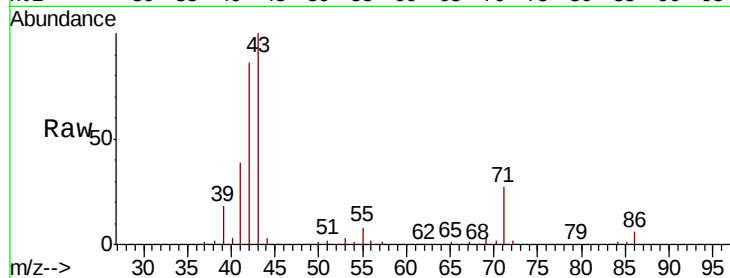
FA19-JBW7338A

Tot Ion: 43 Resp: 131920

Ion Ratio Lower Upper

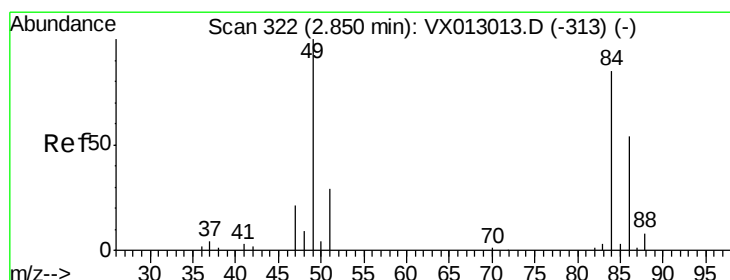
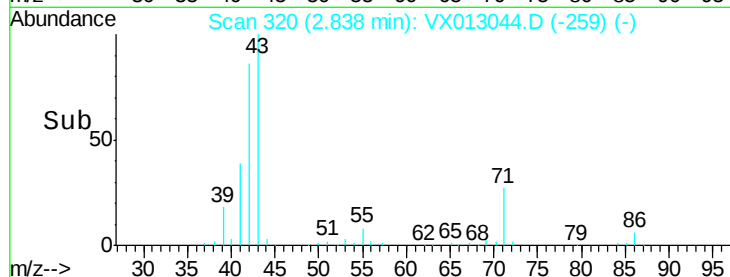
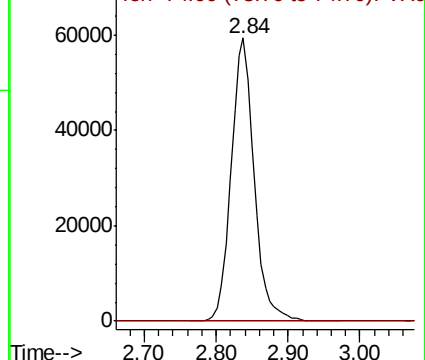
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.461 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Tgt Ion: 84 Resp: 1029

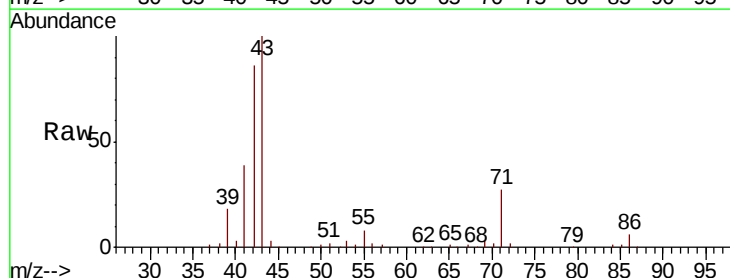
Ion Ratio Lower Upper

84 100

49 24.4 96.6 144.8#

51 238.5 30.7 46.1#

86 722.5 51.0 76.6#

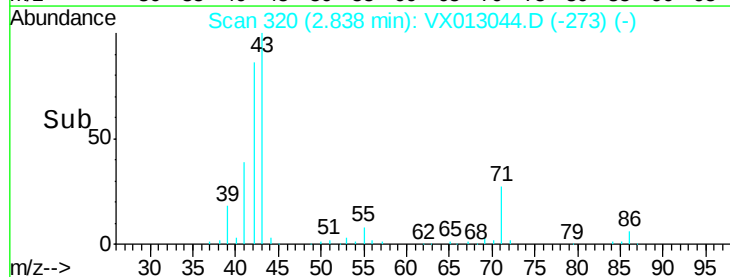
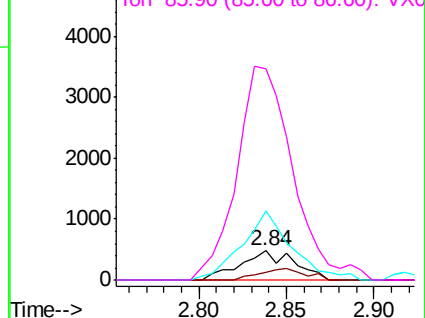


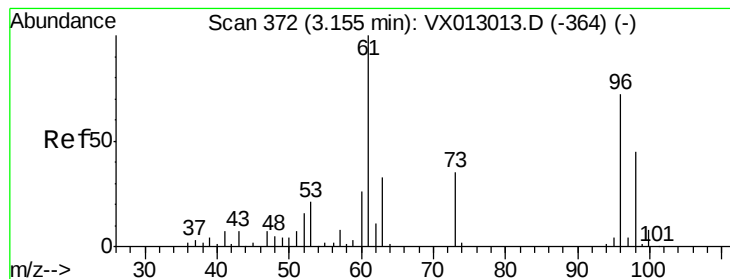
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

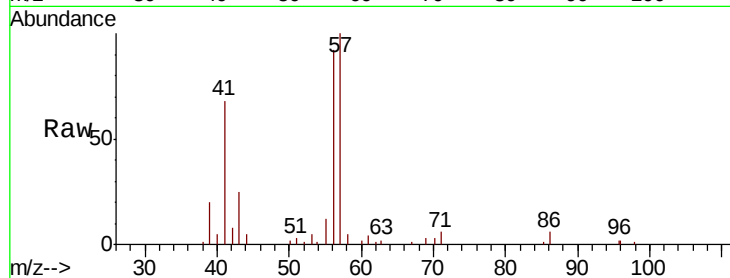
Tot Ion: 96 Resp: 483

Ion Ratio Lower Upper

96 100

61 71.7 110.4 165.6#

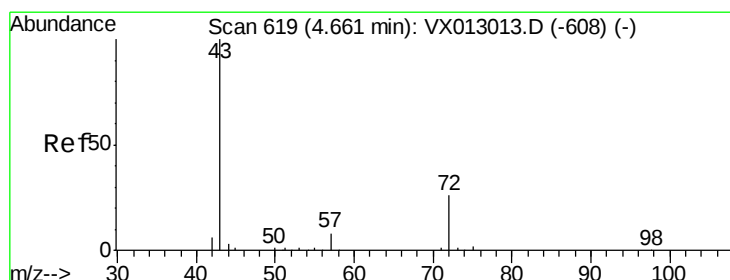
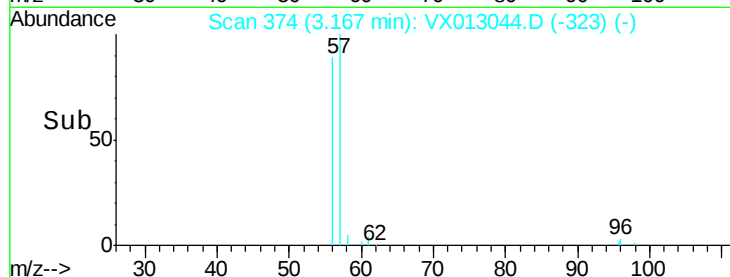
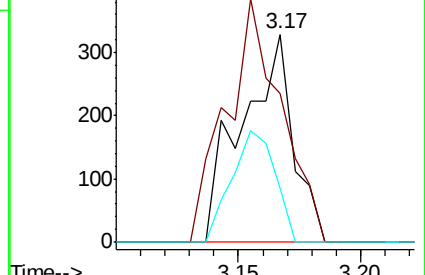
98 25.8 51.5 77.3#



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



#25

2-Butanone

Concen: 0.229 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX013044.D

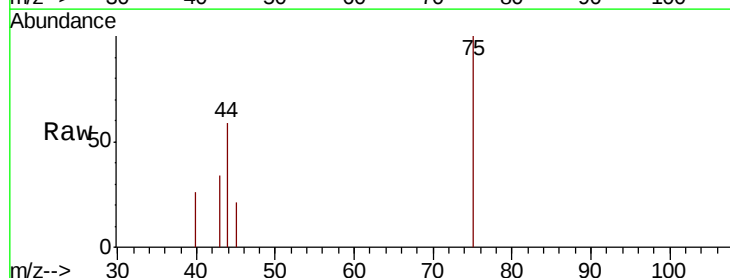
Acq: 14 Oct 2019 12:13

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

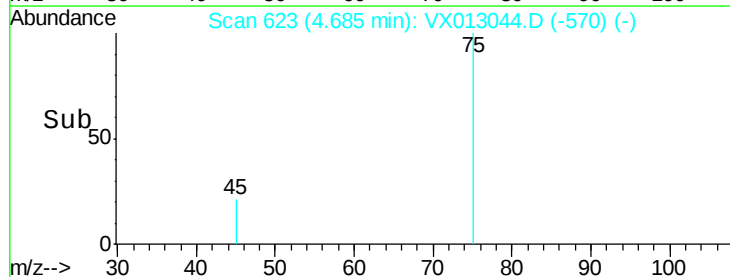
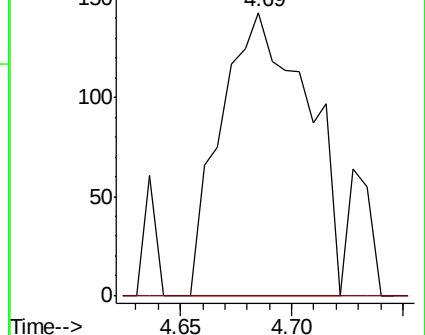
43 100

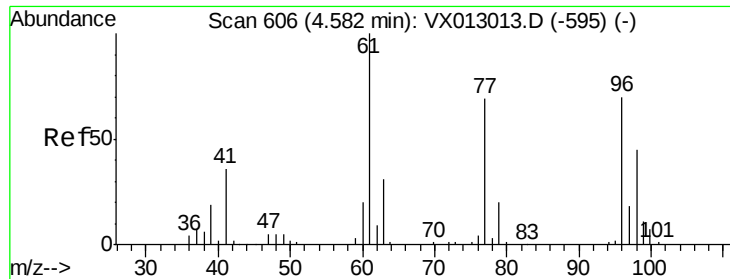
72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



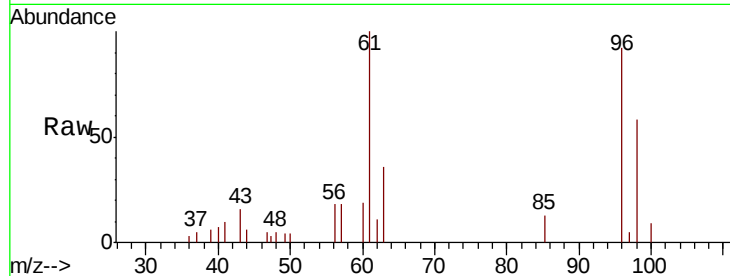


#27

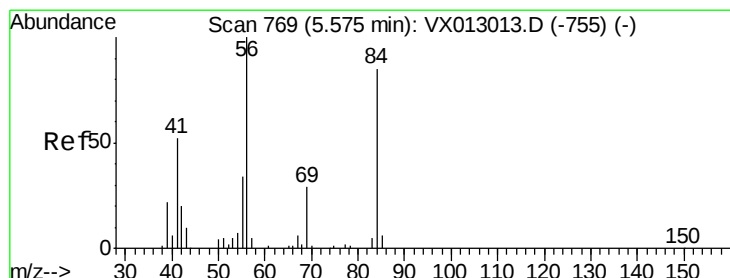
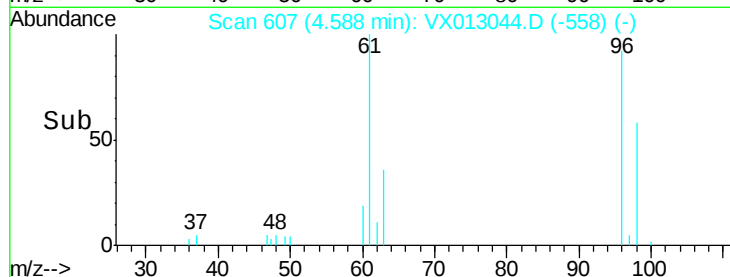
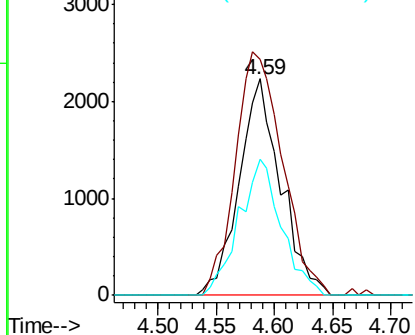
cis-1,2-Dichloroethene
 Concen: 2.426 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Tot Ion: 96 Resp: 5580
 Ion Ratio Lower Upper
 96 100
 61 127.4 0.0 290.6
 98 63.6 0.0 128.8



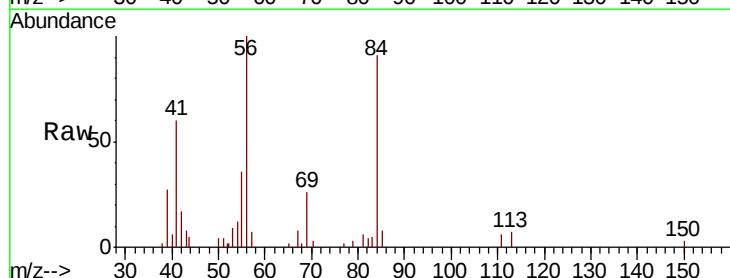
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



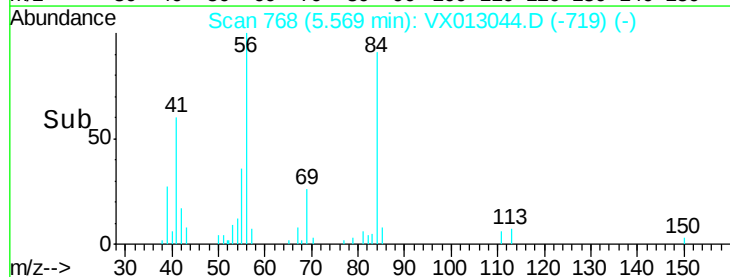
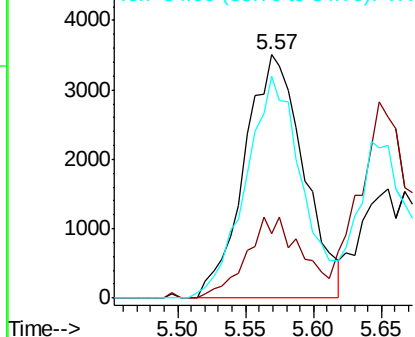
#31

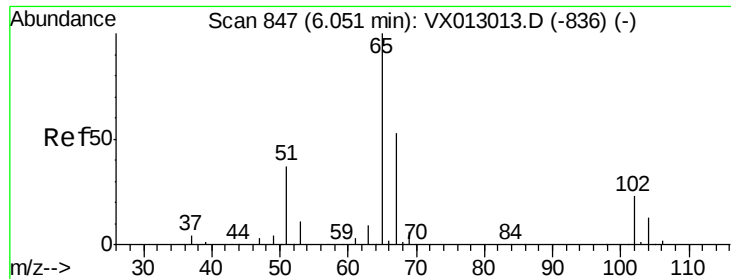
Cyclohexane
 Concen: 3.193 ug/l
 RT: 5.57 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 56 Resp: 10671
 Ion Ratio Lower Upper
 56 100
 69 26.3 25.2 37.8
 84 91.3 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

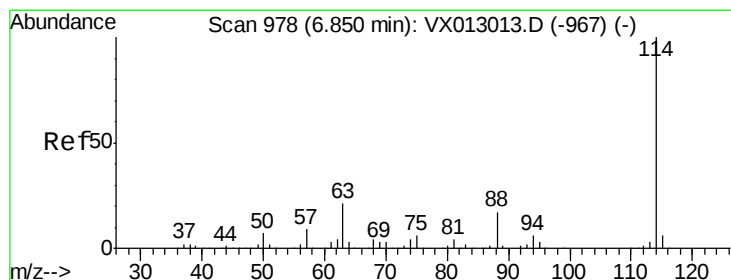
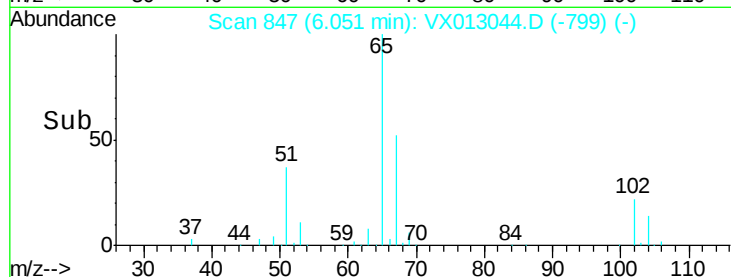
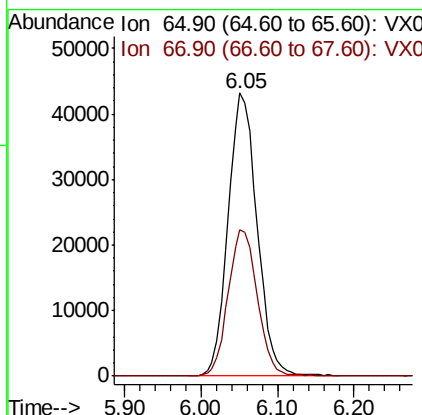
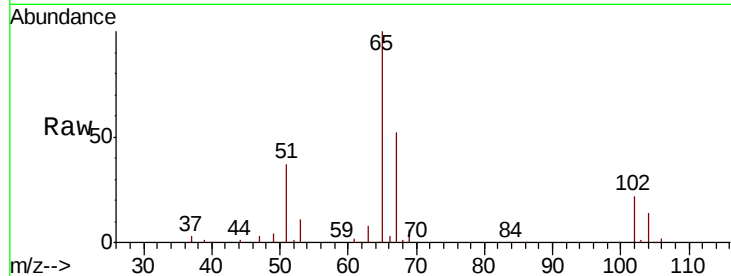




#33
 1,2-Dichloroethane-d4
 Concen: 49.204 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

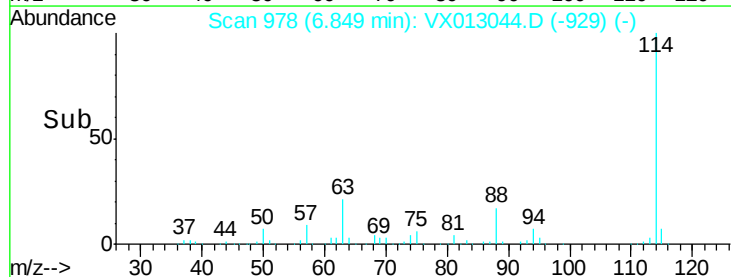
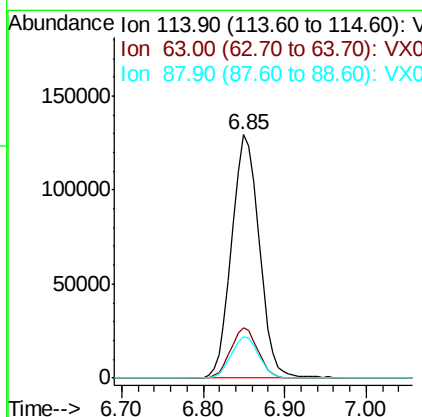
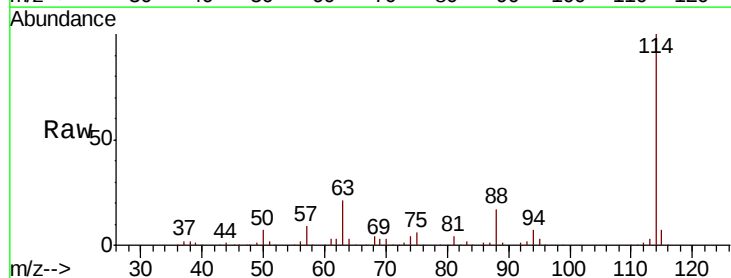
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

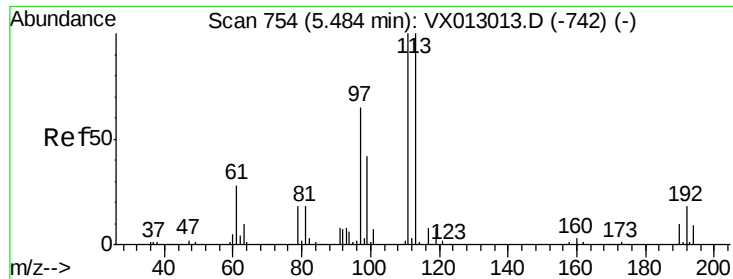
Tot Ion: 65 Resp: 113288
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 114 Resp: 302835
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.046 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

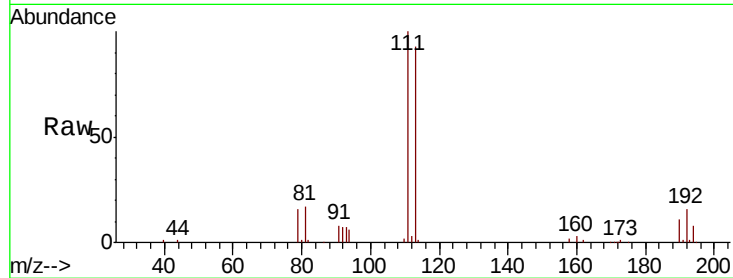
Tot Ion:113 Resp: 88724

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

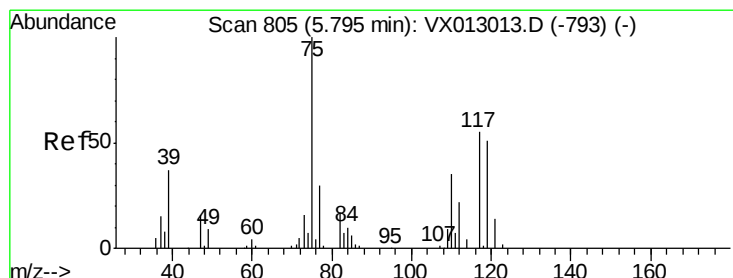
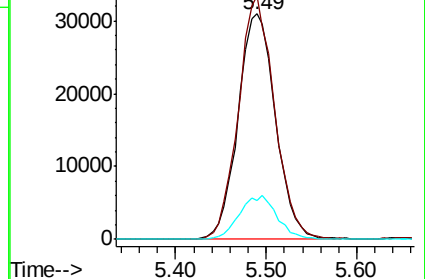
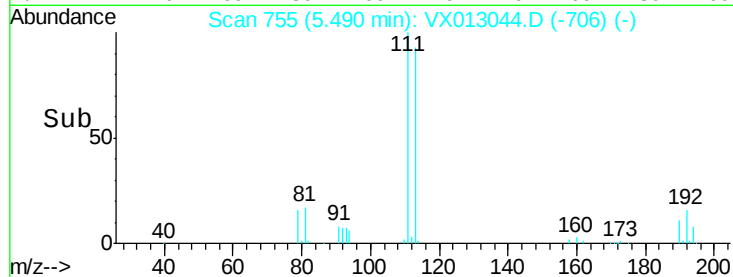
192 19.4 15.4 23.2



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: 5.211 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

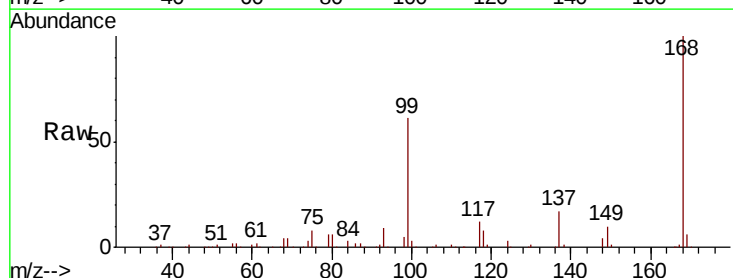
Tgt Ion: 75 Resp: 13874

Ion Ratio Lower Upper

75 100

110 10.1 17.6 52.9#

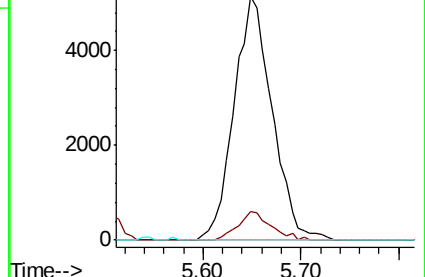
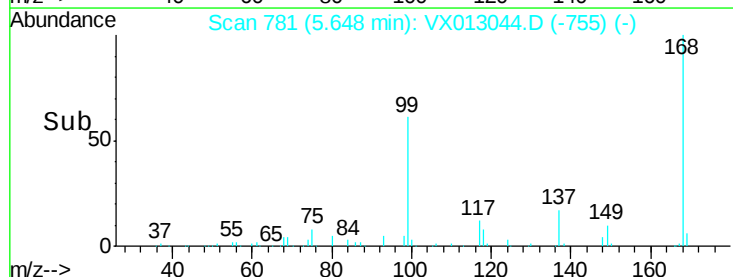
77 0.0 24.4 36.6#

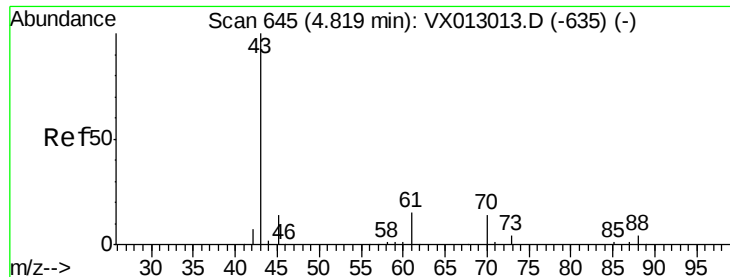


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.545 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

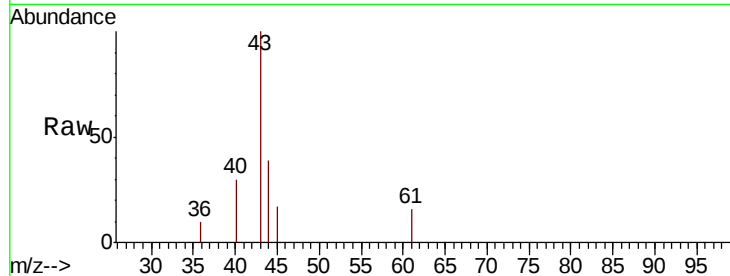
Tot Ion: 43 Resp: 1622

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

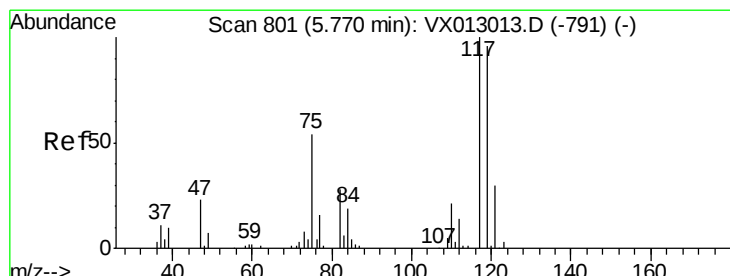
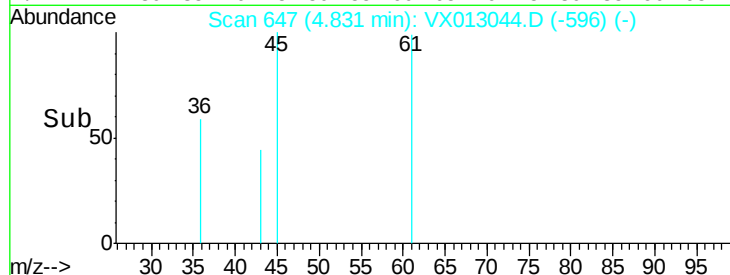
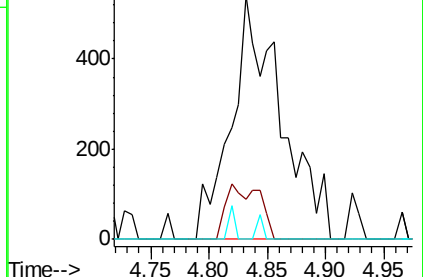
70 1.2 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 7.626 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

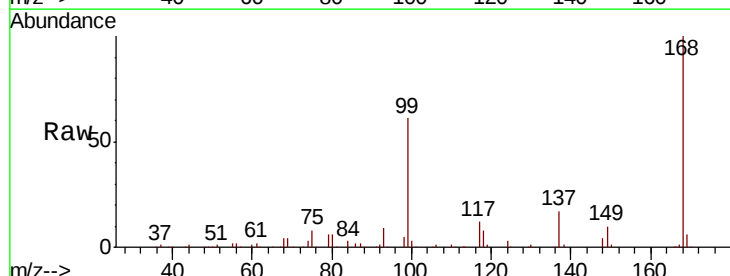
Tgt Ion: 117 Resp: 19764

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

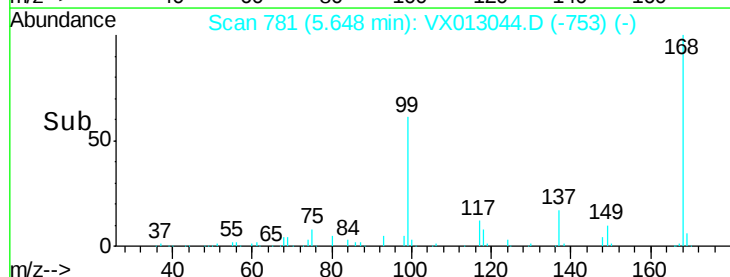
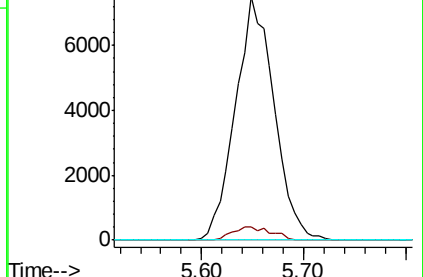
121 0.0 24.2 36.4#

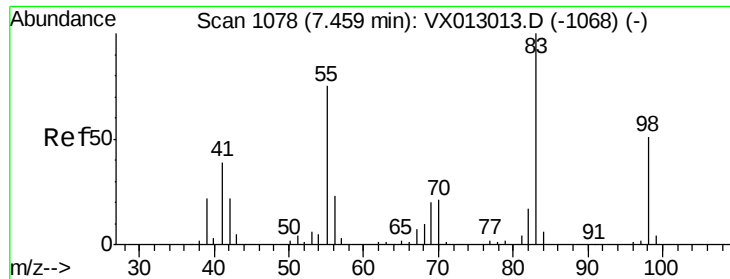


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

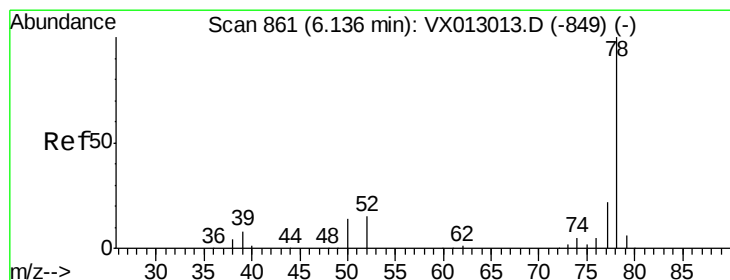
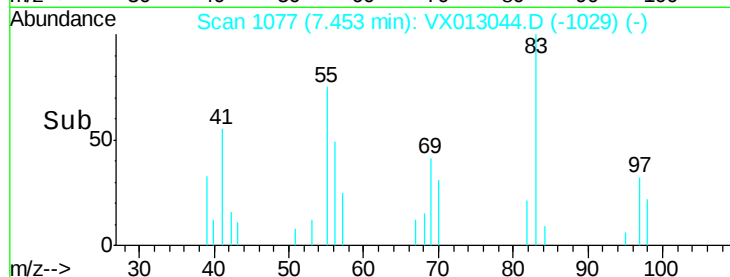
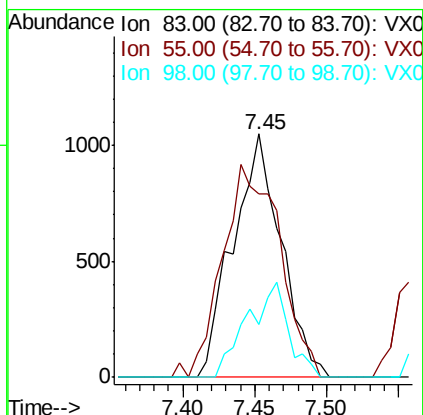
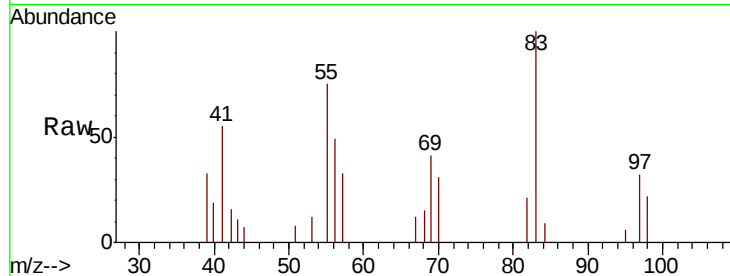




#39
Methvlcvclohexane
Concen: 0.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

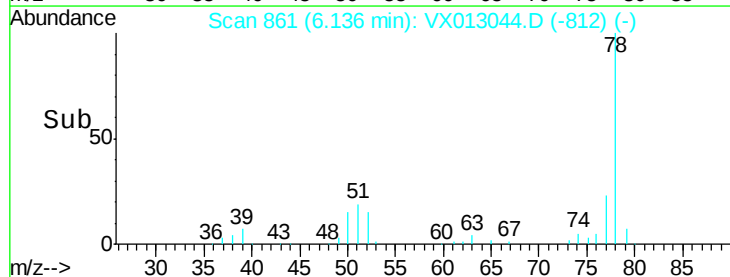
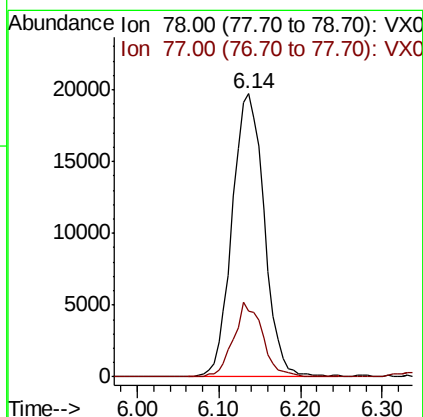
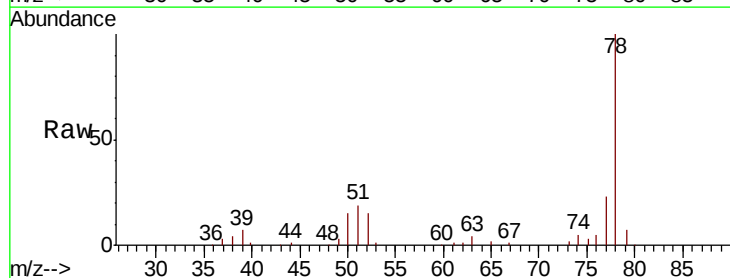
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7338A

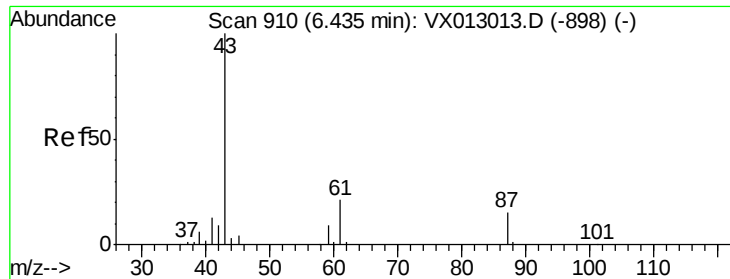
Tot Ion: 83 Resp: 2431
Ion Ratio Lower Upper
83 100
55 75.3 60.2 90.4
98 21.5 38.5 57.7#



#40
Benzene
Concen: 6.829 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion: 78 Resp: 53706
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



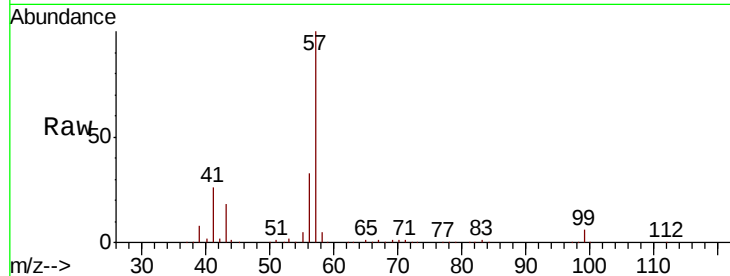


#43

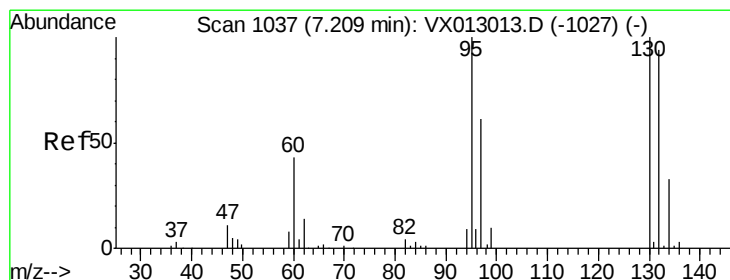
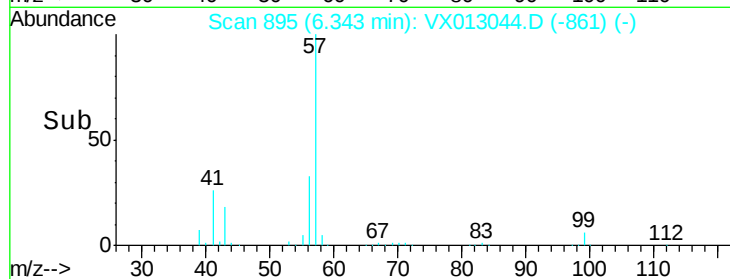
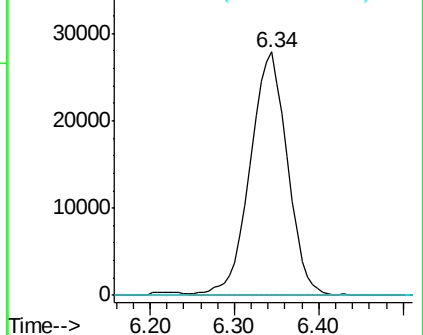
Isopropyl Acetate
 Concen: 17.549 ug/l
 RT: 6.34 min Scan# 895
 Delta R.T. -0.09 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Tot Ion	43	Resp	83857
Ion Ratio	100		
Lower	16.6		
Upper	24.8		



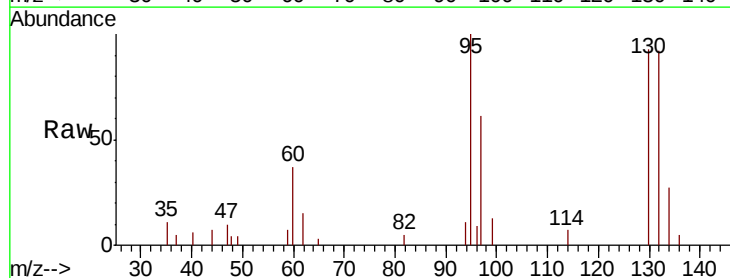
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



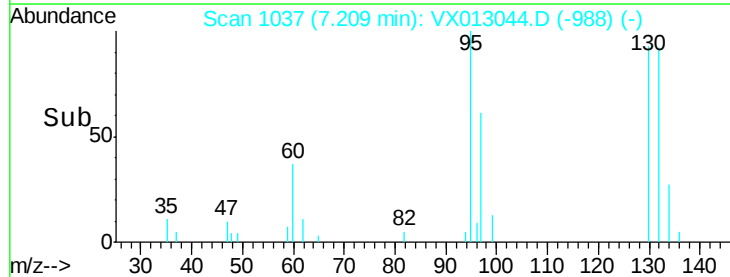
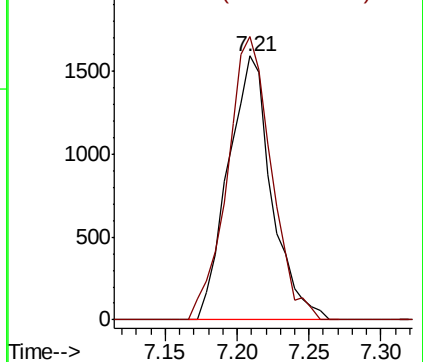
#44

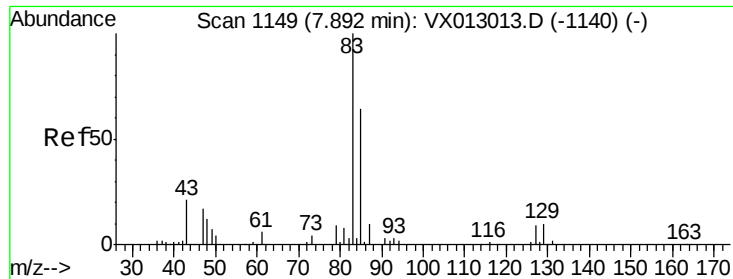
Trichloroethene
 Concen: 1.534 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion	130	Resp	3345
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>0.0</td> <td></td> <td></td>	0.0		
Upper <td>189.2</td> <td></td> <td></td>	189.2		



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.578 ug/l

RT: 8.06 min Scan# 1176

Delta R.T. 0.16 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

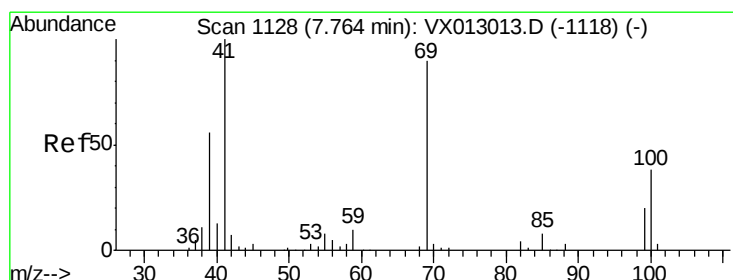
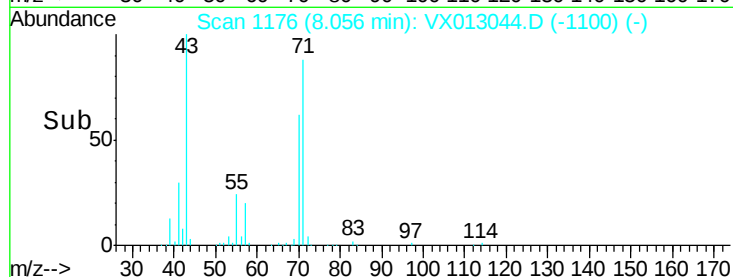
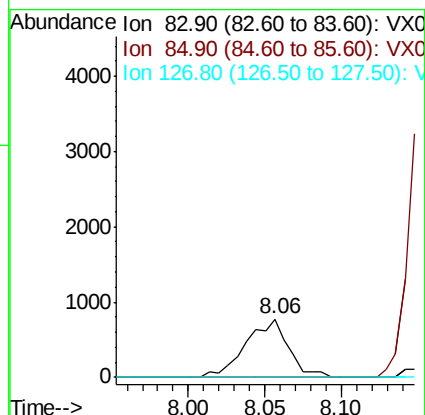
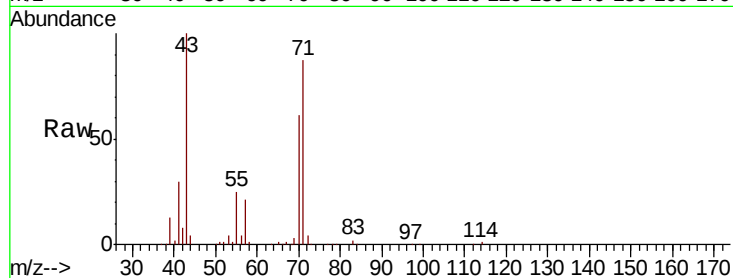
Tot Ion: 83 Resp: 1506

Ion Ratio Lower Upper

83 100

85 0.0 52.4 78.6#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 0.350 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. 0.08 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

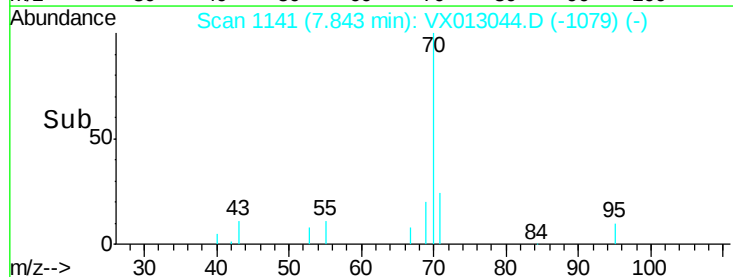
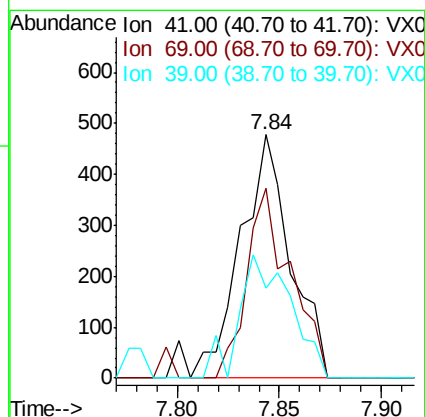
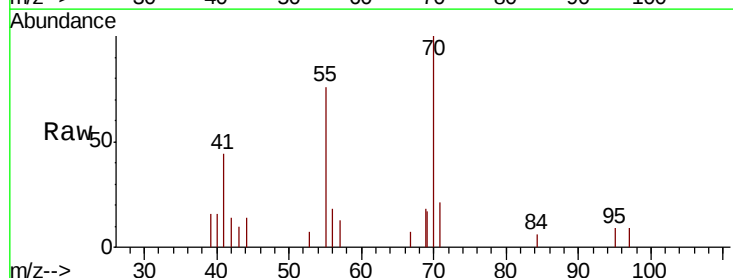
Tgt Ion: 41 Resp: 814

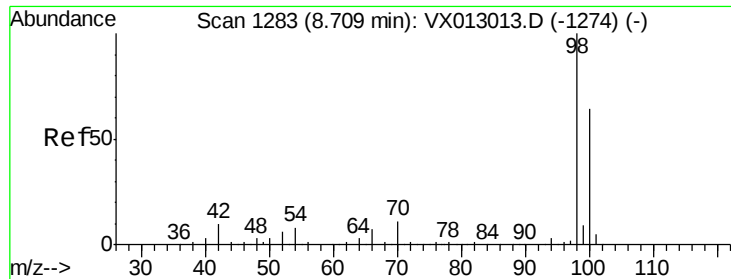
Ion Ratio Lower Upper

41 100

69 68.1 68.7 103.1#

39 52.1 44.3 66.5

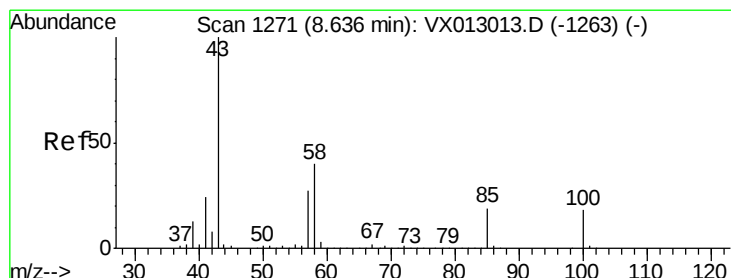
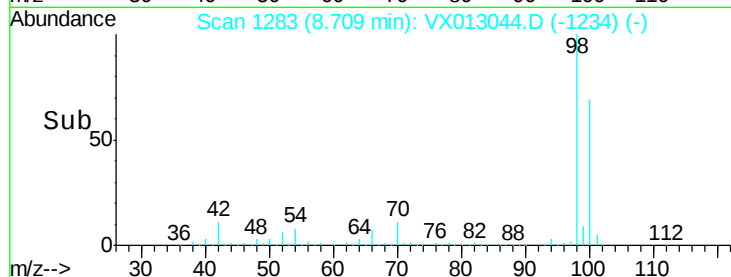
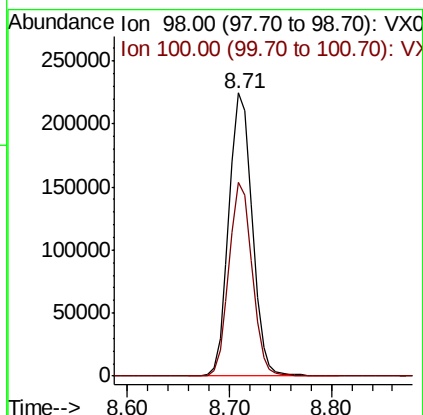
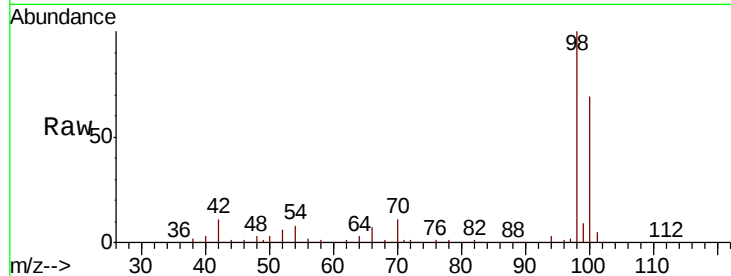




#50
Toluene-d8
Concen: 52.565 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

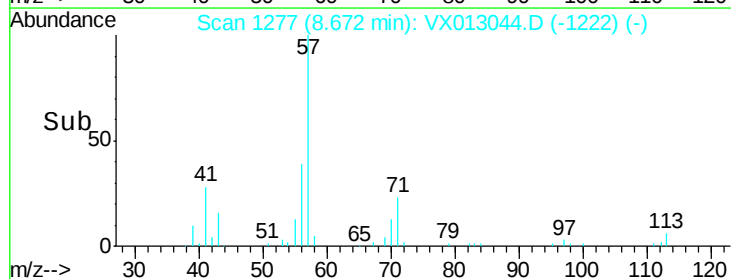
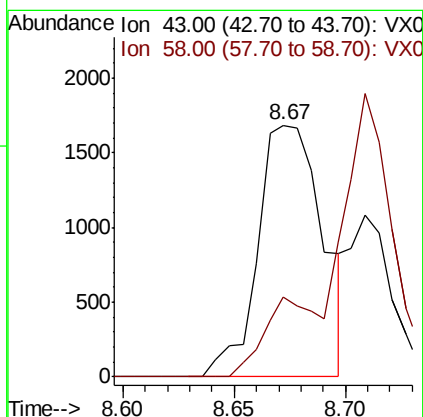
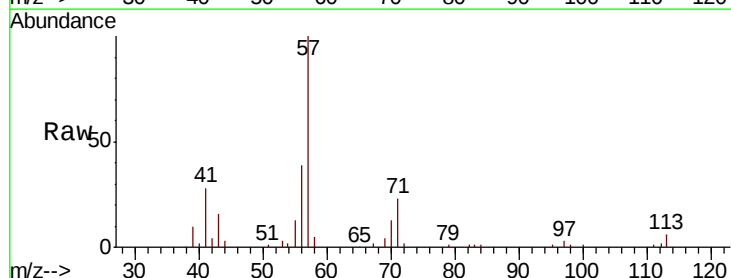
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7338A

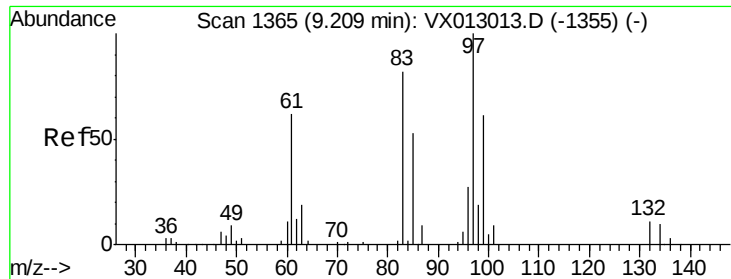
Tot Ion: 98 Resp: 356342
Ion Ratio Lower Upper
98 100
100 67.9 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.144 ug/l
RT: 8.67 min Scan# 1277
Delta R.T. 0.04 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
58 22.7 32.4 48.6#

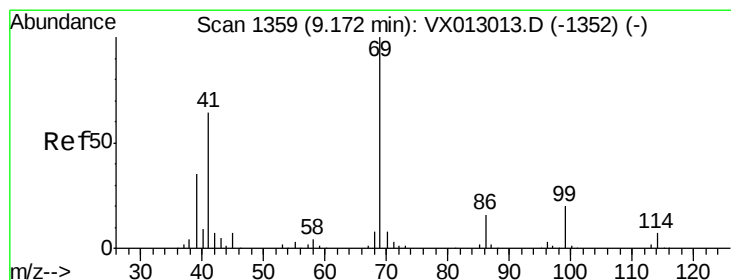
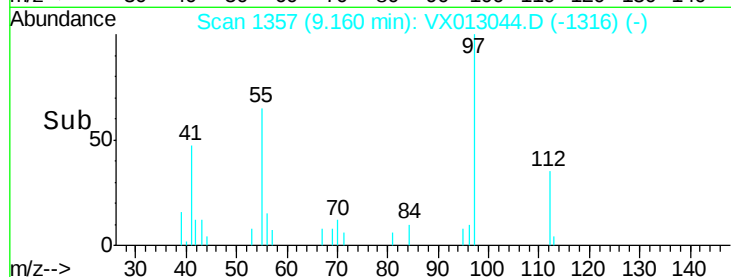
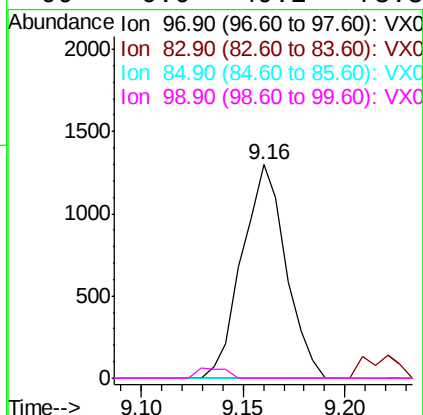
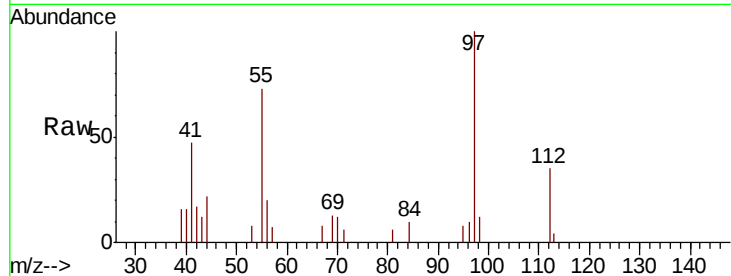




#55
 1,1,2-Trichloroethane
 Concen: 0.974 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

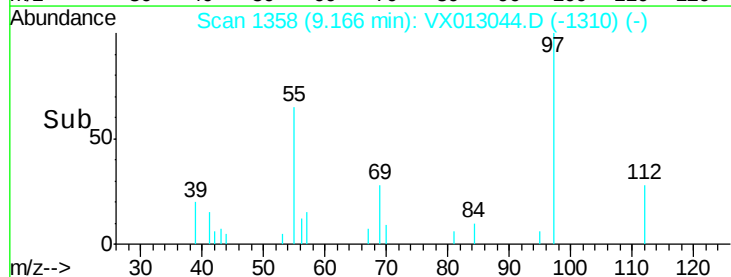
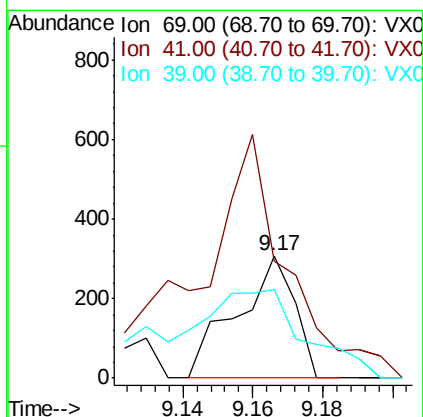
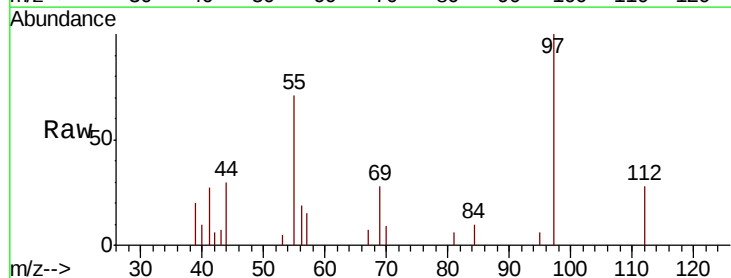
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

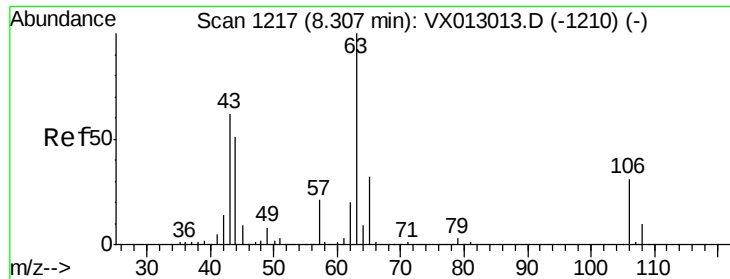
Tot Ion: 97 Resp: 1939
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.5 99.7#
 85 0.0 43.1 64.7#
 99 0.0 49.2 73.8#



#56
 Ethyl methacrylate
 Concen: 1.926 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 69 Resp: 351
 Ion Ratio Lower Upper
 69 100
 41 325.4 52.1 78.1#
 39 172.4 27.8 41.8#

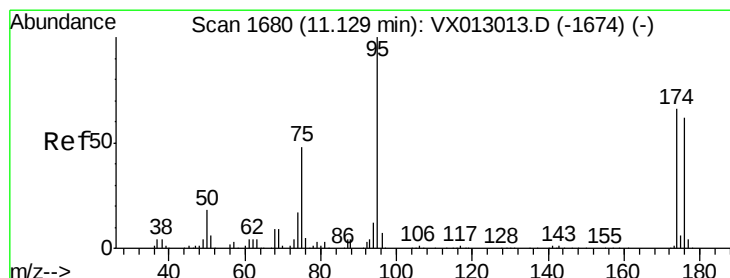
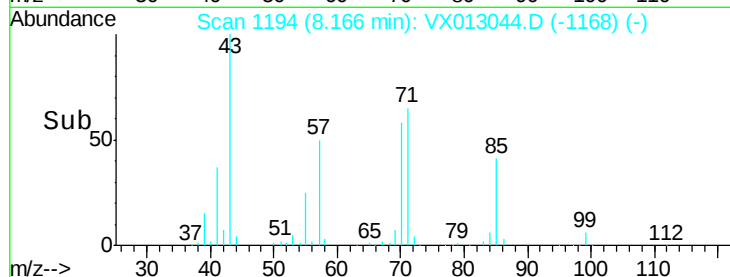
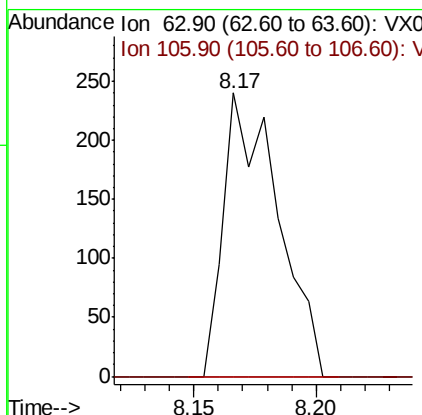
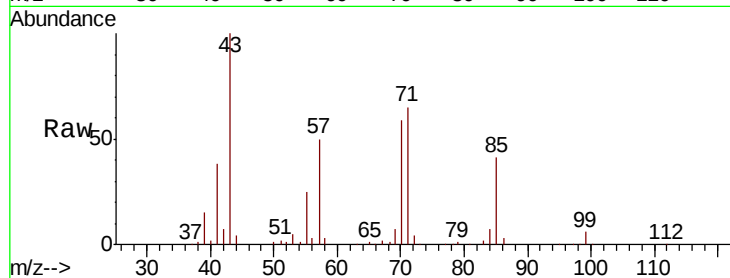




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.254 ug/l
 RT: 8.17 min Scan# 1194
 Delta R.T. -0.14 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

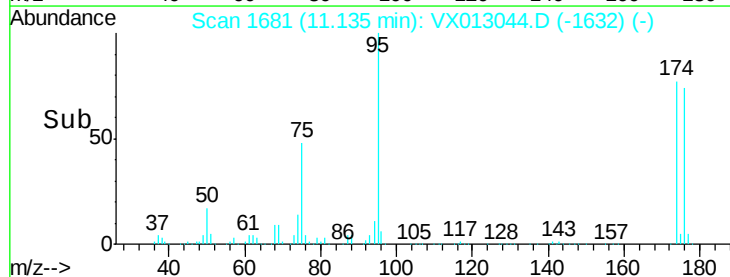
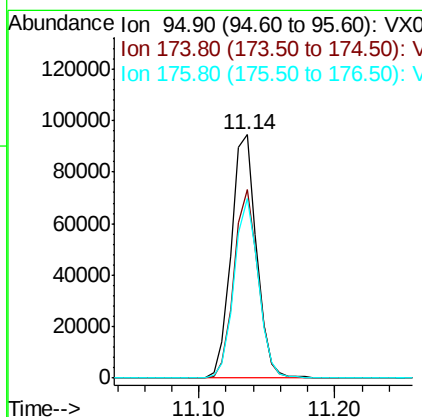
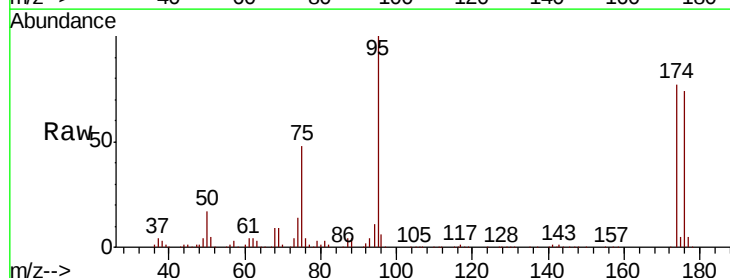
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

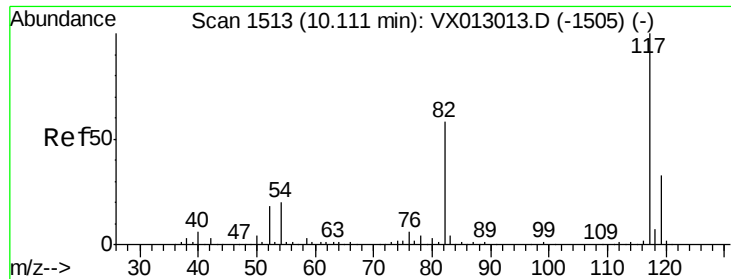
Tot Ion: 63 Resp: 371
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.8 35.8#



#62
 4-Bromofluorobenzene
 Concen: 46.541 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 95 Resp: 122591
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 143.4
 176 70.8 0.0 136.0

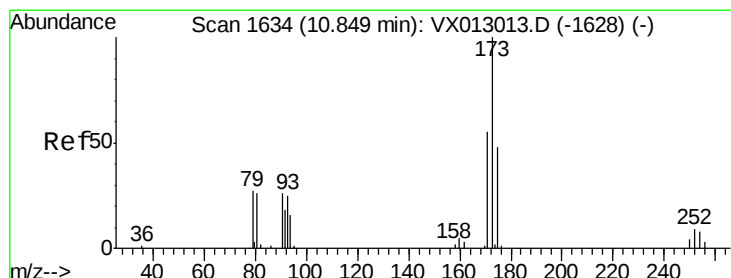
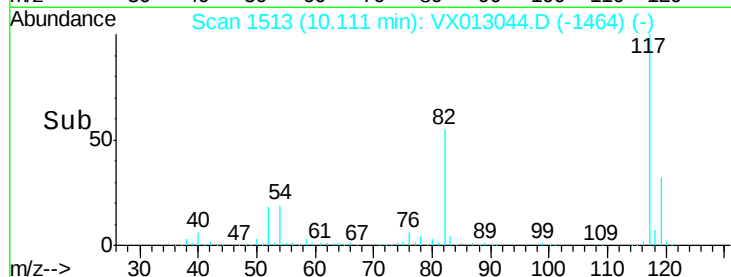
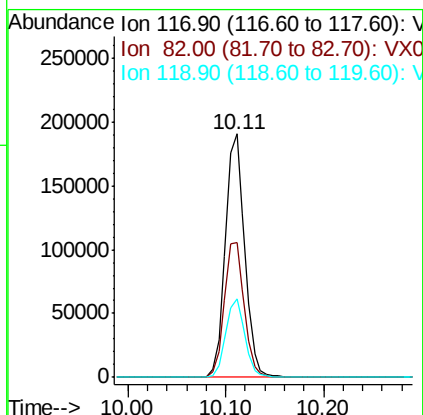
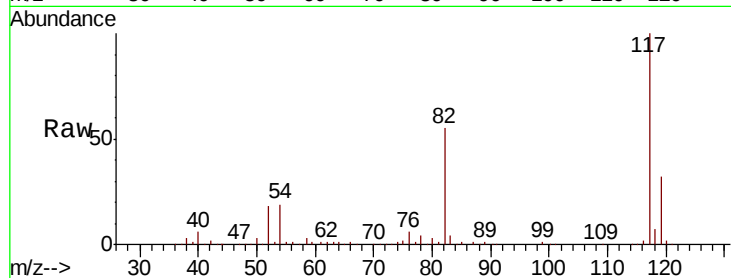




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

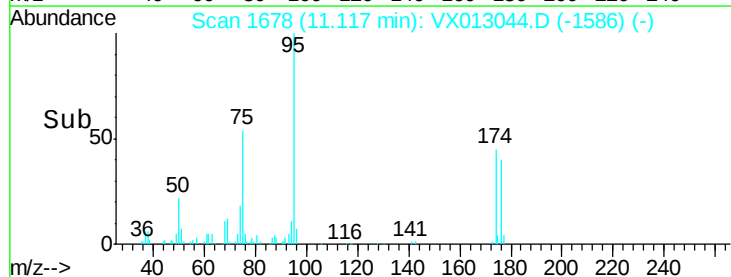
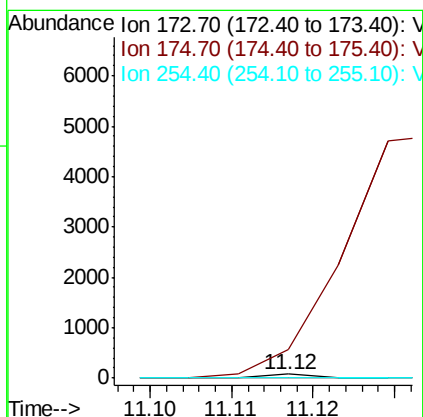
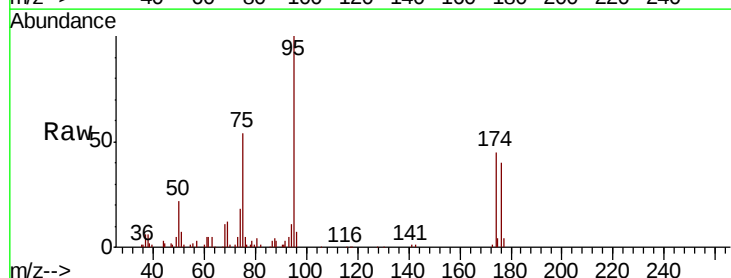
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7338A

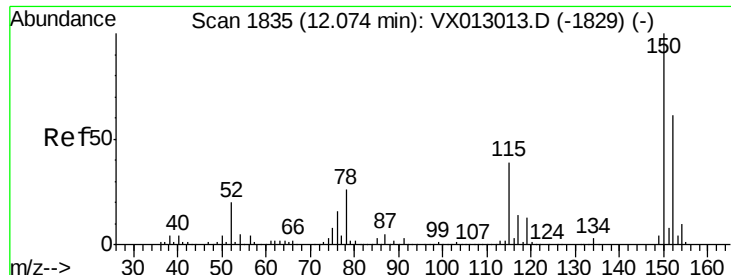
Tot Ion:117 Resp: 261447
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 32.4 25.8 38.8



#71
Bromoform
Concen: 3.151 ug/l
RT: 11.12 min Scan# 1678
Delta R.T. 0.26 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion:173 Resp: 30
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

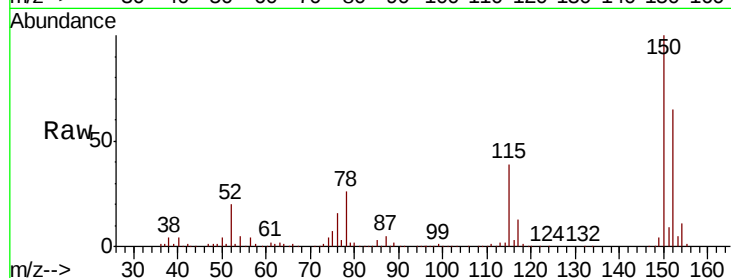
Tot Ion:152 Resp: 108095

Ion Ratio Lower Upper

152 100

115 62.2 44.5 133.5

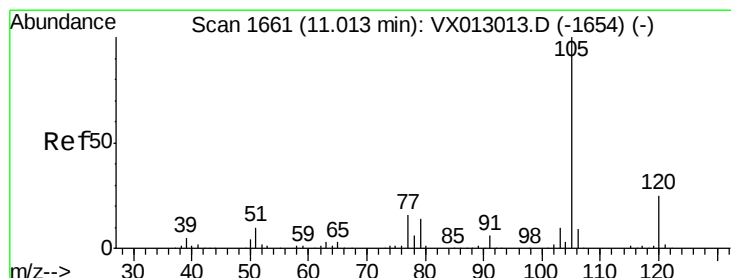
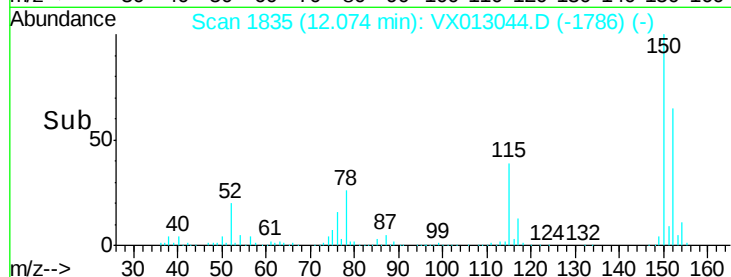
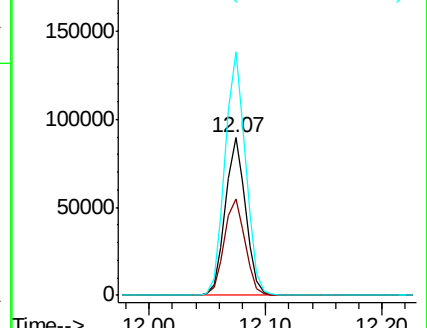
150 156.0 0.0 353.4



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



#73

Isopropylbenzene

Concen: 1.543 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013044.D

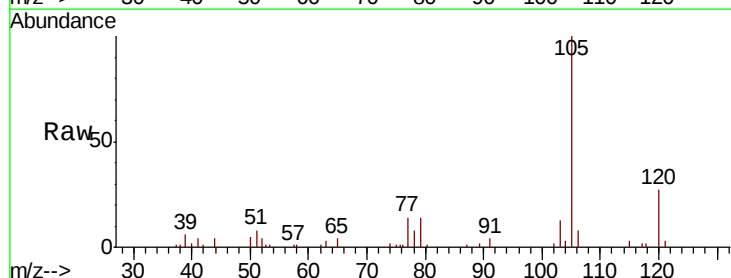
Acq: 14 Oct 2019 12:13

Tgt Ion:105 Resp: 12262

Ion Ratio Lower Upper

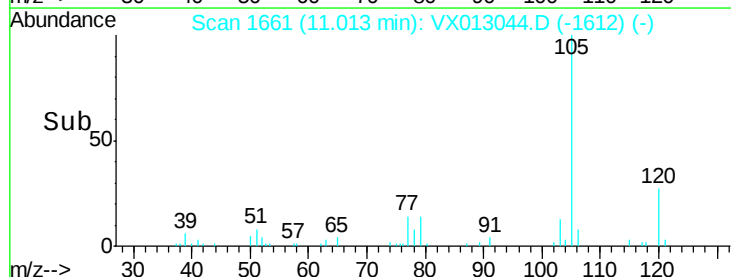
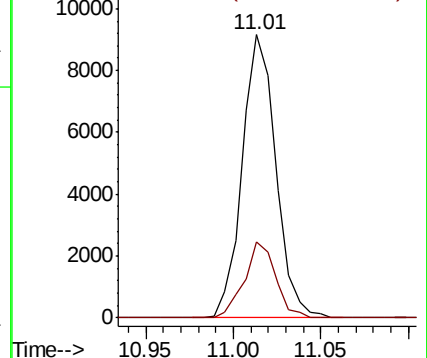
105 100

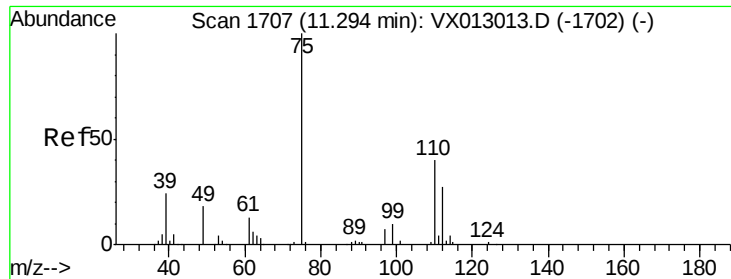
120 24.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

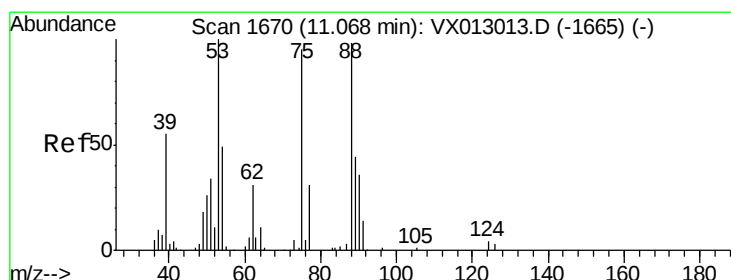
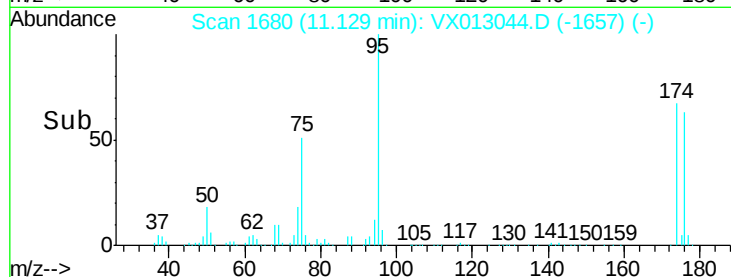
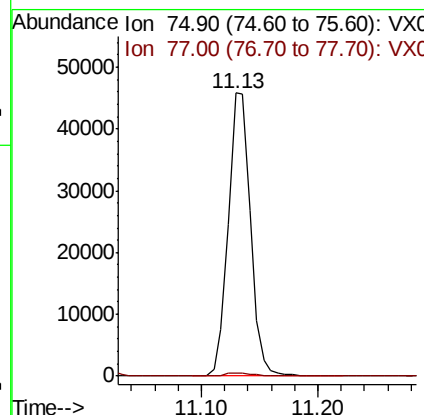
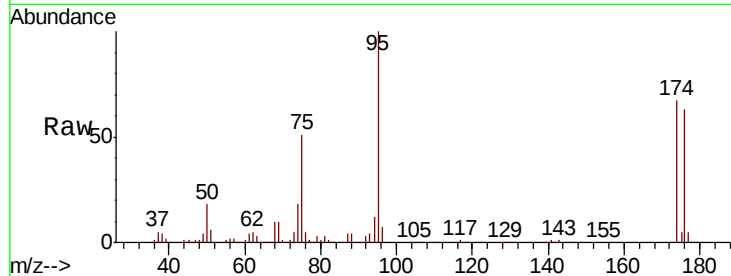




#76
 1,2,3-Trichloropropane
 Concen: 25.290 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

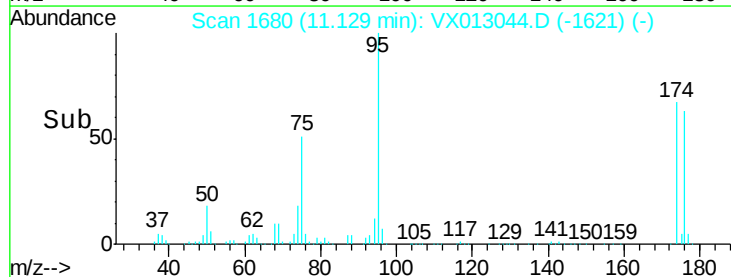
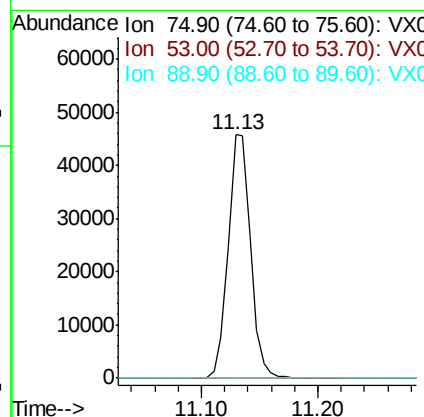
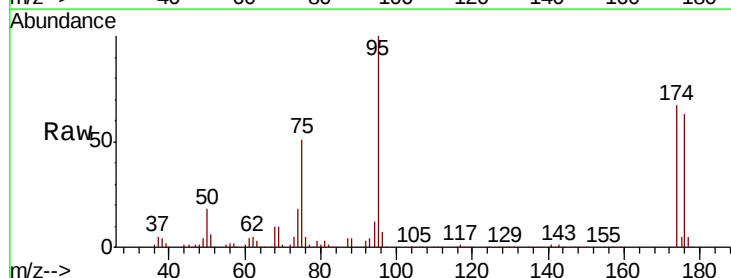
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

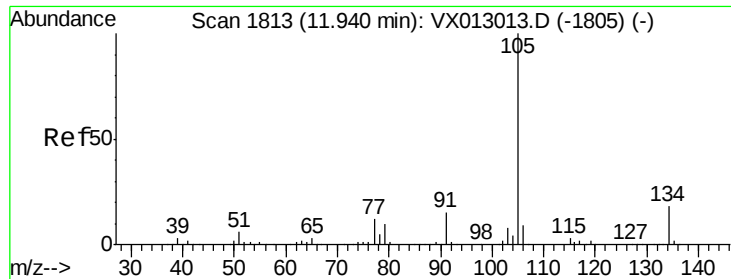
Tot Ion: 75 Resp: 60633
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.9 68.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.804 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 75 Resp: 60633
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.4 56.2#

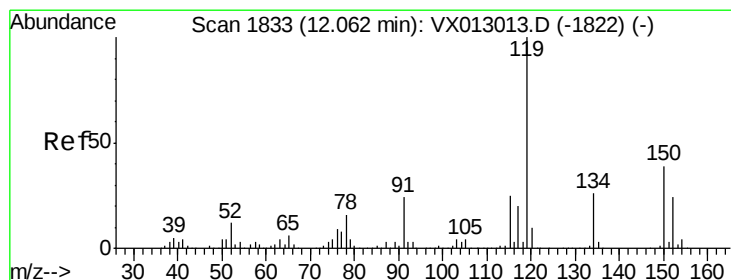
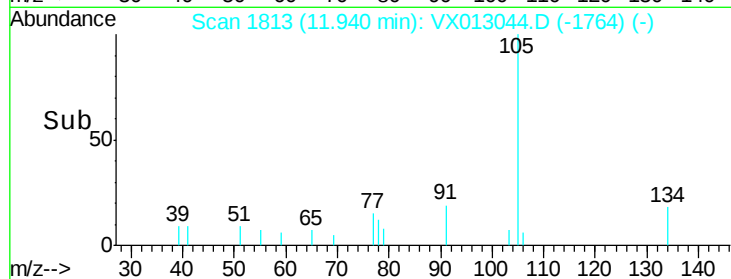
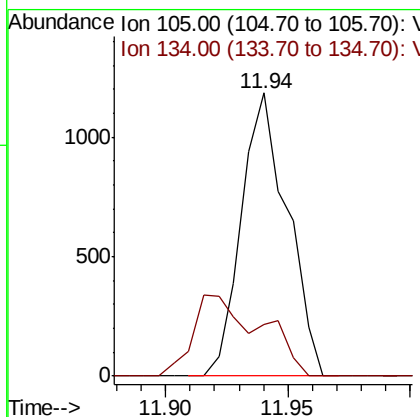
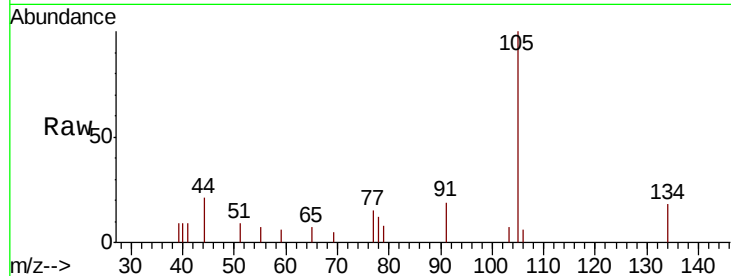




#85
 sec-Butylbenzene
 Concen: 0.205 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

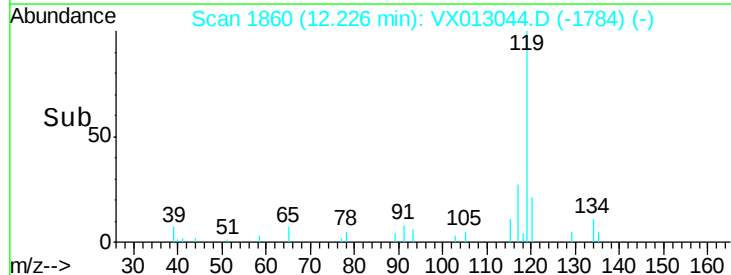
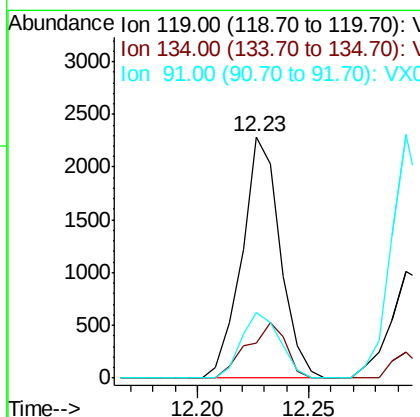
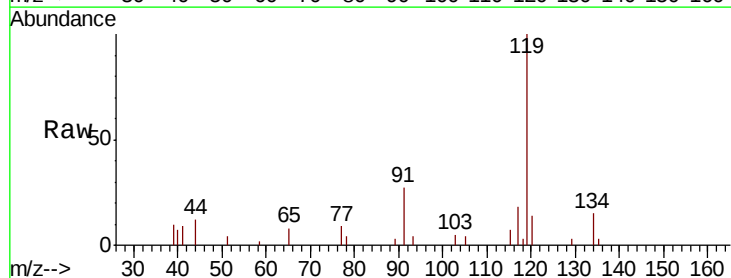
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

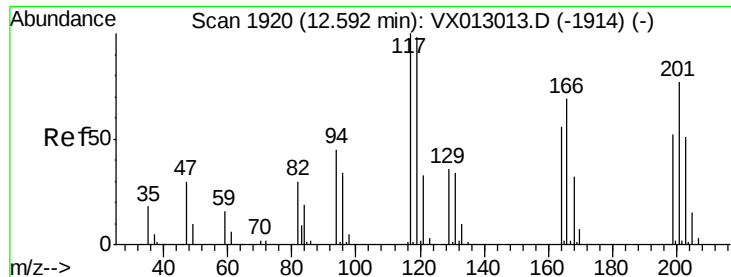
Tot Ion:105 Resp: 1541
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 0.394 ug/l
 RT: 12.23 min Scan# 1860
 Delta R.T. 0.16 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion:119 Resp: 2741
 Ion Ratio Lower Upper
 119 100
 134 23.1 12.6 37.8
 91 27.4 12.4 37.4





#90

Hexachloroethane

Concen: 4.582 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

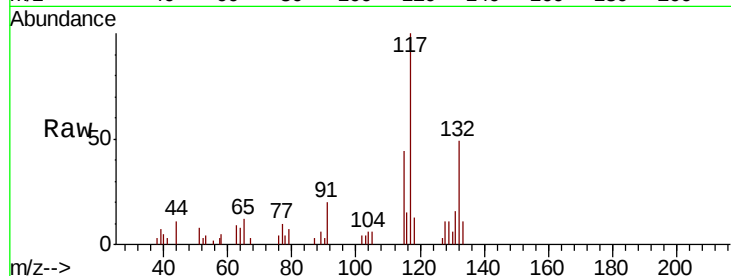
FA19-JBW7338A

Tot Ion:117 Resp: 3315

Ion Ratio Lower Upper

117 100

201 0.0 36.9 110.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

10000

8000

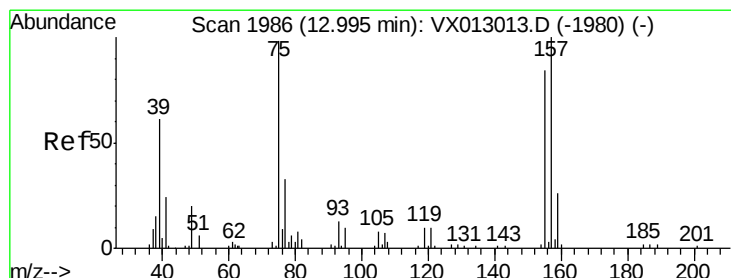
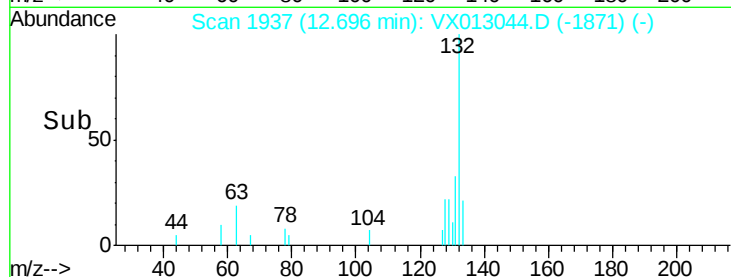
6000

4000

2000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.226 ug/l

RT: 12.75 min Scan# 1946

Delta R.T. -0.24 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

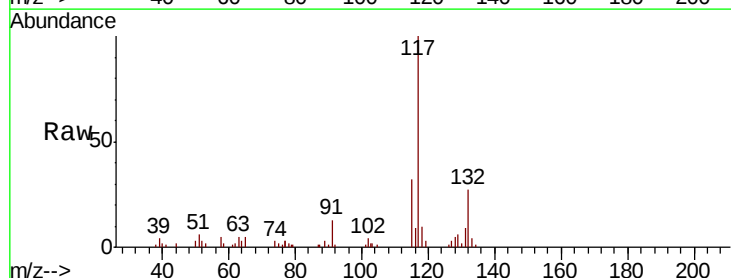
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

155 0.0 43.0 128.8#

157 0.0 54.1 162.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

250

200

150

100

50

0

Time-->

