

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
 Data File : VX007808.D
 Acq On : 04 Mar 2019 14:08
 Operator : JC/SP
 Sample : K1341-09
 Misc : 8.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 04 14:52:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	279427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	427987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150534	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
35) Dibromofluoromethane	5.50	113	131620	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.71	98	530995	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.14	95	219567	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

Target Compounds					Qvalue
5) Bromomethane	1.64	94	698	Below Cal	87
6) Chloroethane	1.64	64	3581	1.915 ug/l #	71
11) Tert butyl alcohol	3.02	59	3609	5.496 ug/l #	79
13) Acrolein	2.31	56	237	0.406 ug/l #	14
18) Methyl Acetate	2.80	43	5810	1.730 ug/l #	82
20) Methylene Chloride	2.84	84	2389	0.841 ug/l	91
25) 2-Butanone	4.75	43	1171	0.499 ug/l #	75
31) Cyclohexane	5.65	56	4399	0.915 ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17120	4.449 ug/l #	48
38) Carbon Tetrachloride	5.66	117	23630	6.114 ug/l #	17
39) Methylcyclohexane	7.45	83	2241	0.461 ug/l #	80
51) 4-Methyl-2-Pentanone	8.66	43	1236	0.281 ug/l #	36
52) Toluene	8.78	92	7659	1.023 ug/l	98
53) t-1,3-Dichloropropene	8.98	75	1112	3.030 ug/l #	64
55) 1,1,2-Trichloroethane	9.16	97	6846	2.192 ug/l #	20
56) Ethyl methacrylate	9.16	69	1809	0.407 ug/l #	23
59) 2-Hexanone	9.44	43	16842	4.872 ug/l #	29
67) Ethyl Benzene	10.25	91	93739	6.134 ug/l	100
68) m/p-Xylenes	10.36	106	218717	36.788 ug/l	94
69) o-Xylene	10.70	106	143764	25.139 ug/l	97
70) Styrene	10.70	104	7177	0.764 ug/l #	1
73) Isopropylbenzene	11.02	105	147131	8.699 ug/l	99
74) N-amyl acetate	10.91	43	115886	15.778 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	87076	14.885 ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	3393	0.673 ug/l #	1
78) n-propylbenzene	11.36	91	553252	28.947 ug/l	97
79) 2-Chlorotoluene	11.43	91	191973	16.682 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	771397	55.447 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	98015	51.945 ug/l #	14
82) 4-Chlorotoluene	11.51	91	79656	5.917 ug/l #	44
83) tert-Butylbenzene	11.77	119	27848	2.085 ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2809778	197.444 ug/l	99
85) sec-Butylbenzene	11.94	105	512755	30.633 ug/l	82
86) p-Isopropyltoluene	12.07	119	458835	31.301 ug/l	98

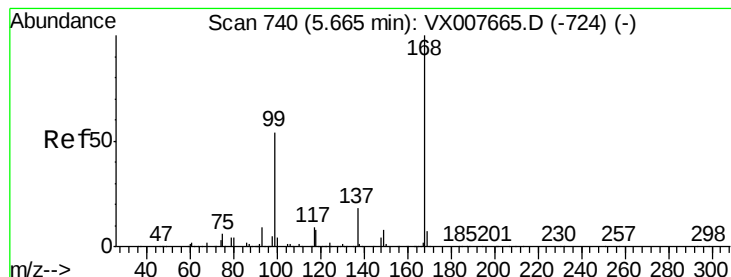
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	939717	71.881	ug/l #	61
90) Hexachloroethane	12.59	117	62741	25.402	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	7323	5.745	ug/l #	21
93) 1,2,4-Trichlorobenzene	13.65	180	1330	0.277	ug/l #	1
95) Naphthalene	13.83	128	890123	57.167	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.04	180	7848	1.626	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

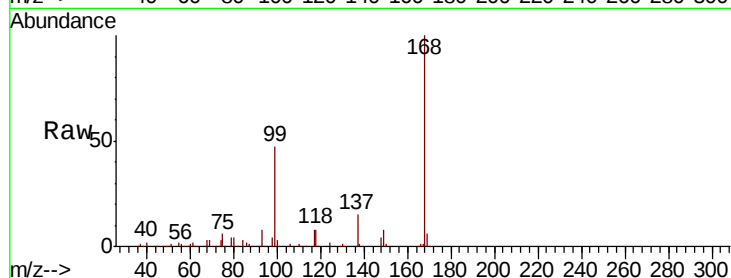
HR-06-022719-B

Tgt Ion:168 Resp: 279427

Ion Ratio Lower Upper

168 100

99 46.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

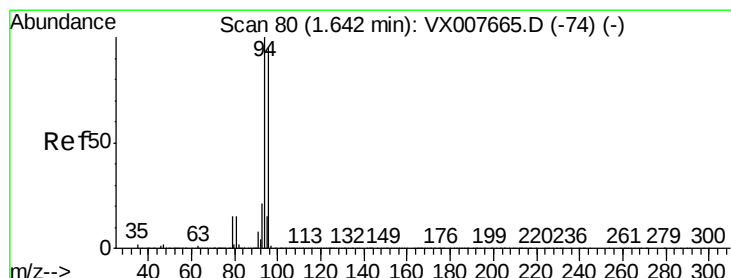
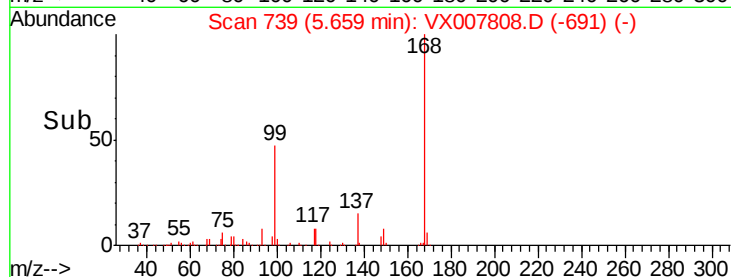
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007808.D

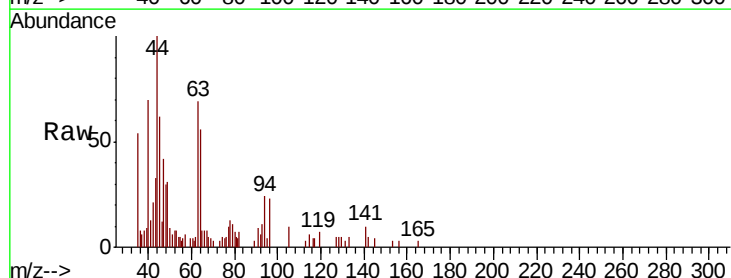
Acq: 04 Mar 2019 14:08

Tgt Ion: 94 Resp: 698

Ion Ratio Lower Upper

94 100

96 80.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

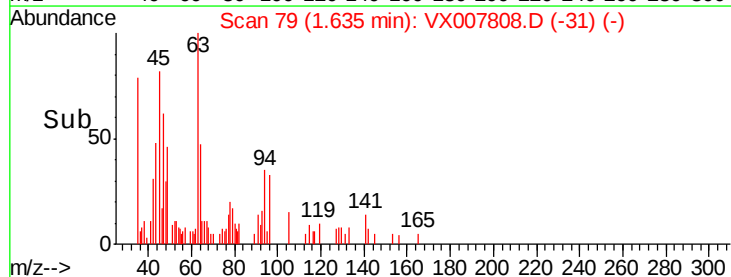
300

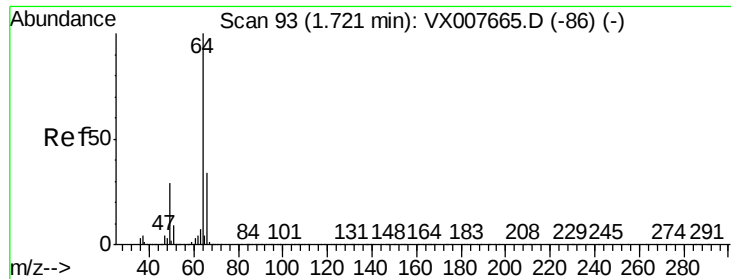
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 1.915 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.09 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

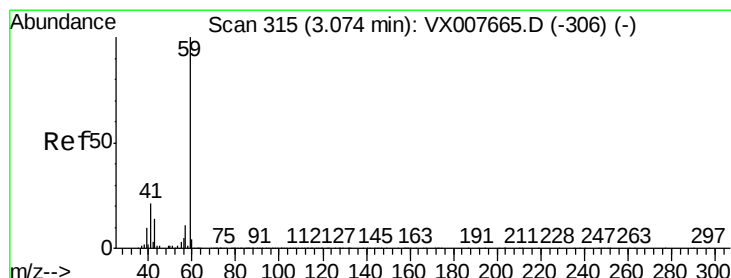
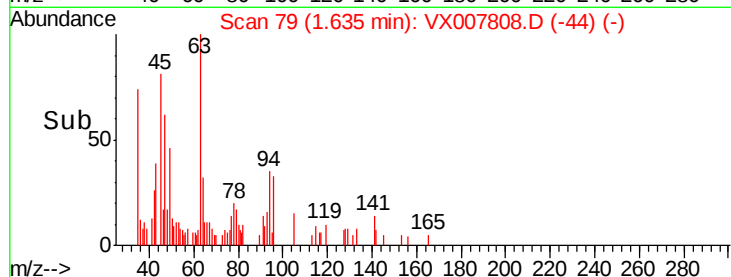
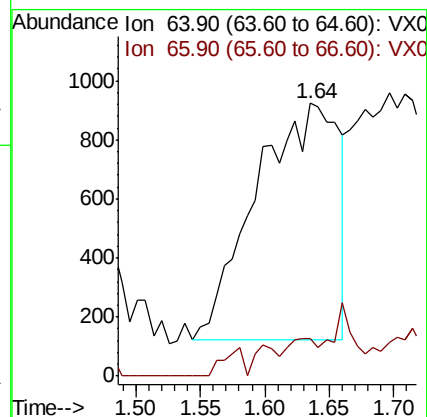
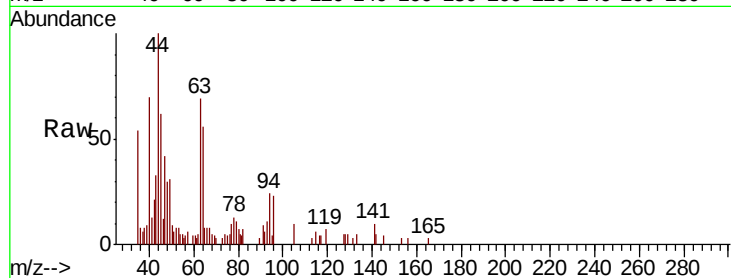
HR-06-022719-B

Tgt Ion: 64 Resp: 3581

Ion Ratio Lower Upper

64 100

66 15.9 25.5 38.3#



#11

Tert butyl alcohol

Concen: 5.496 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX007808.D

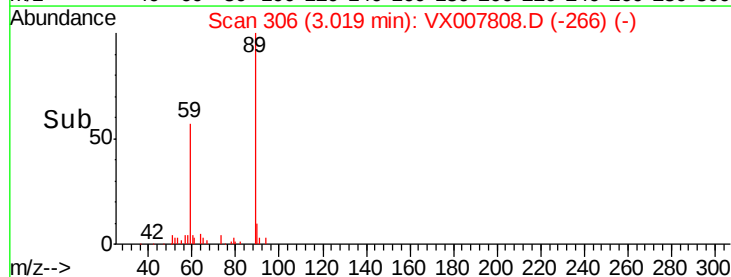
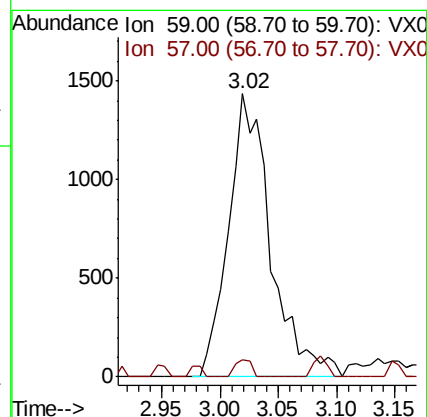
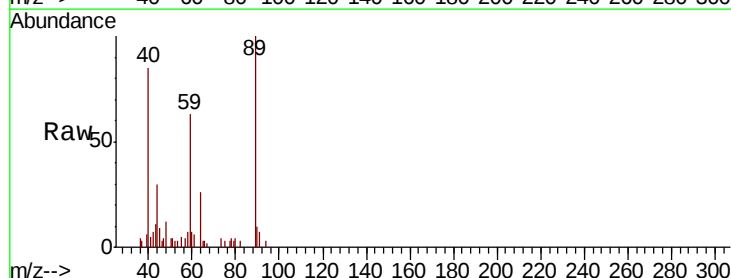
Acq: 04 Mar 2019 14:08

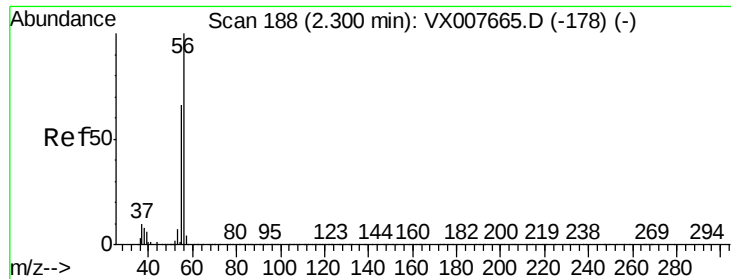
Tgt Ion: 59 Resp: 3609

Ion Ratio Lower Upper

59 100

57 2.4 8.1 12.1#





#13

Acrolein

Concen: 0.406 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

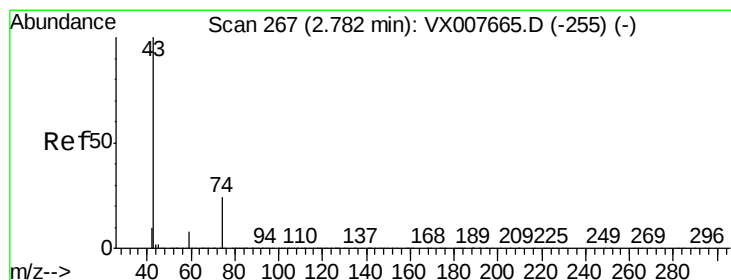
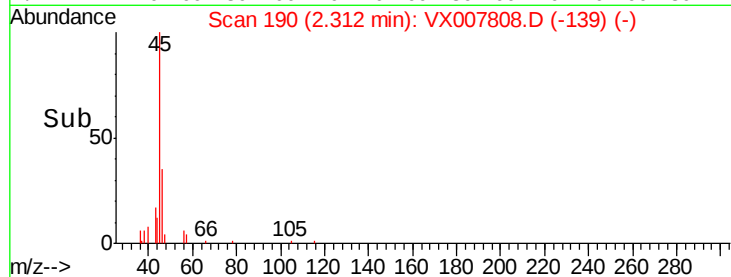
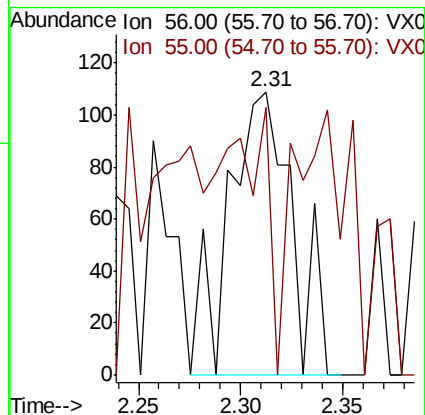
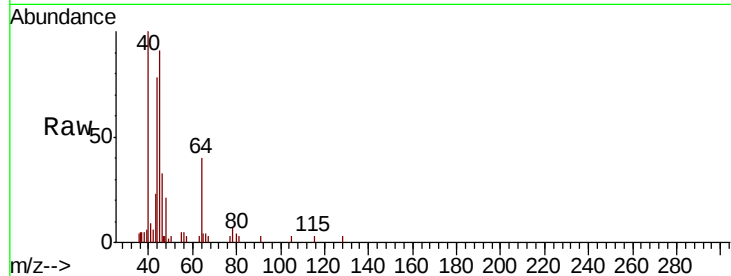
HR-06-022719-B

Tgt Ion: 56 Resp: 237

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#18

Methyl Acetate

Concen: 1.730 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX007808.D

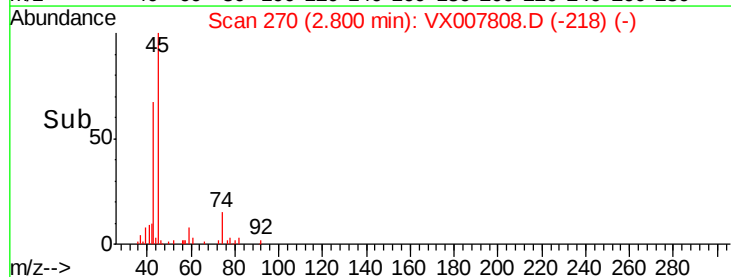
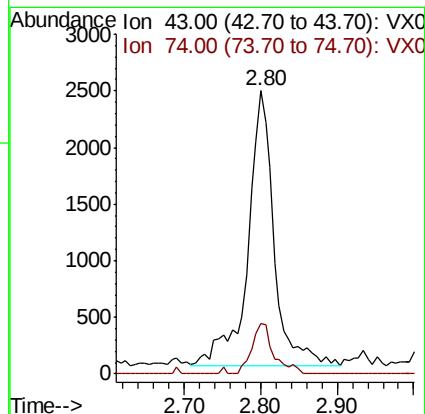
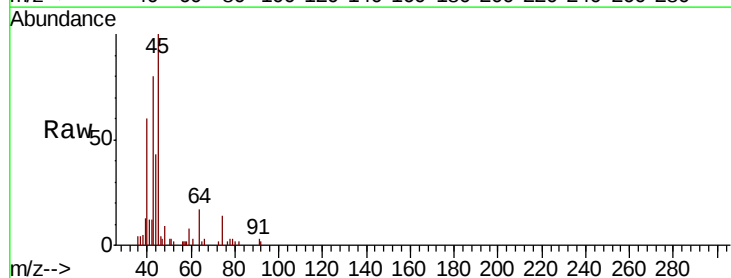
Acq: 04 Mar 2019 14:08

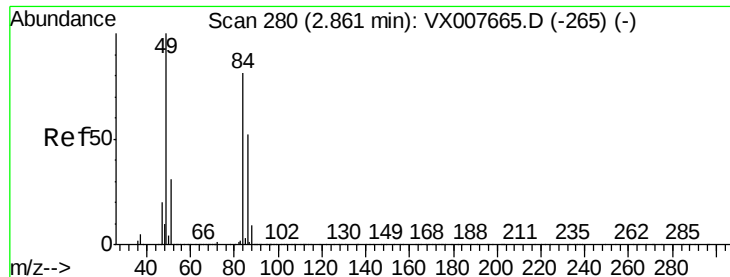
Tgt Ion: 43 Resp: 5810

Ion Ratio Lower Upper

43 100

74 15.2 19.4 29.2#

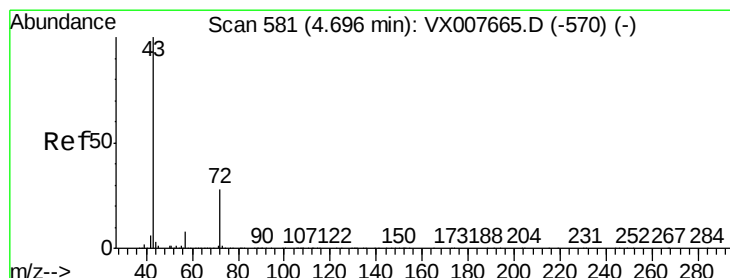
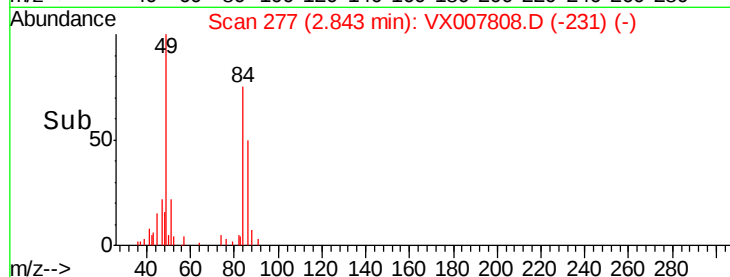
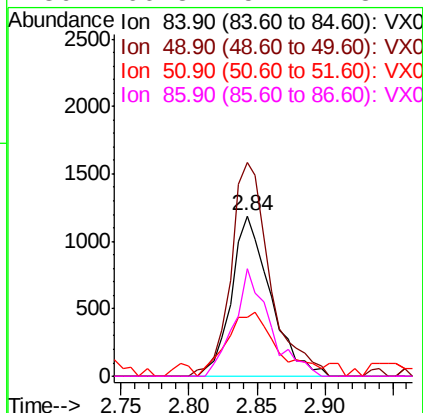
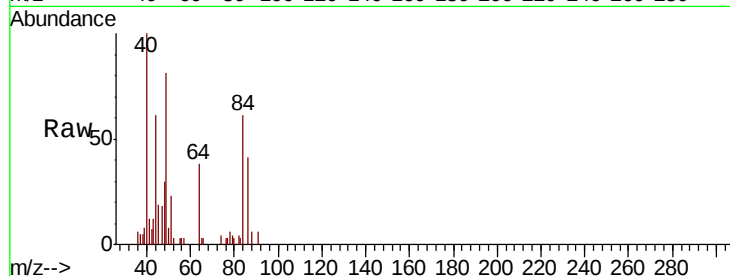




#20
Methylene Chloride
Concen: 0.841 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

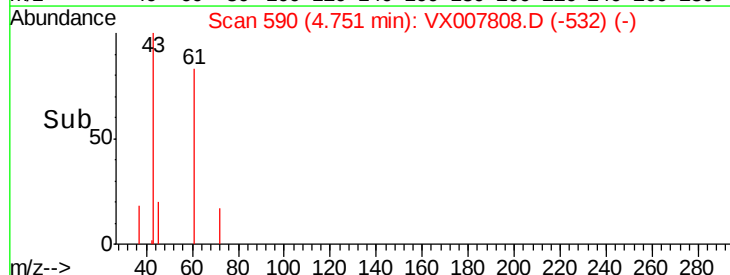
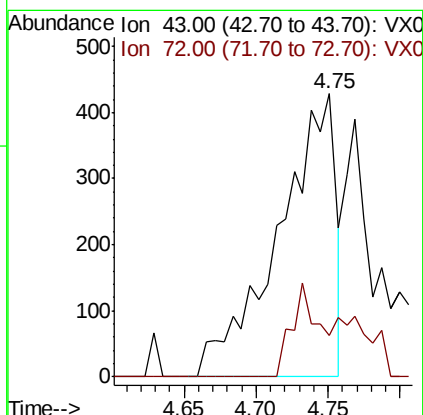
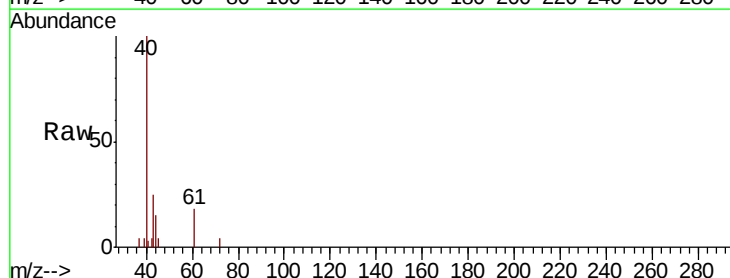
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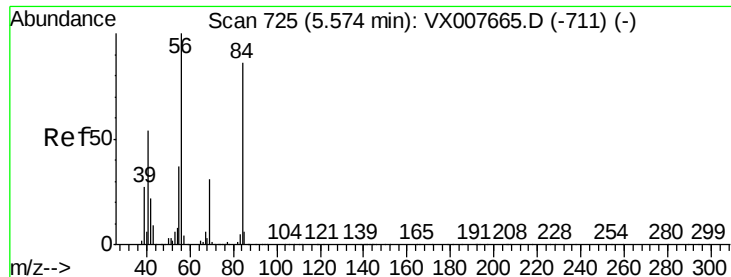
Tgt Ion:	84	Resp:	2389
Ion	Ratio	Lower	Upper
84	100		
49	133.2	94.8	142.2
51	30.2	29.8	44.8
86	66.8	54.1	81.1



#25
2-Butanone
Concen: 0.499 ug/l
RT: 4.75 min Scan# 590
Delta R.T. 0.05 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion:	43	Resp:	1171
Ion	Ratio	Lower	Upper
43	100		
72	14.5	22.2	33.2#

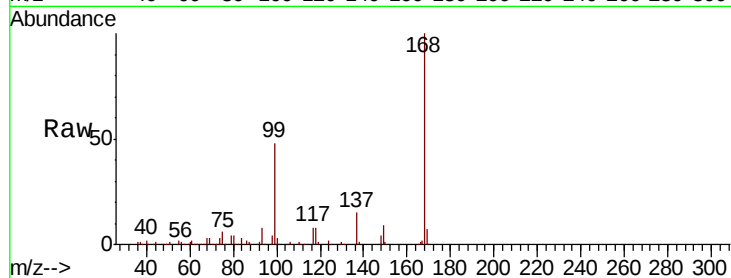




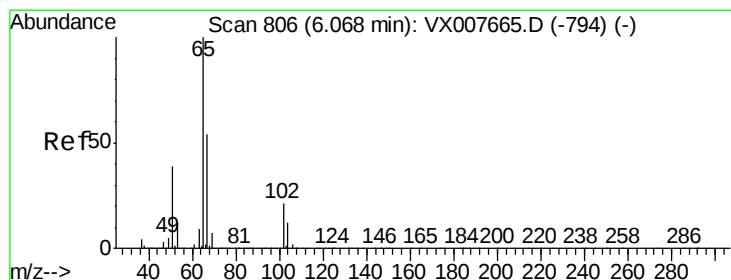
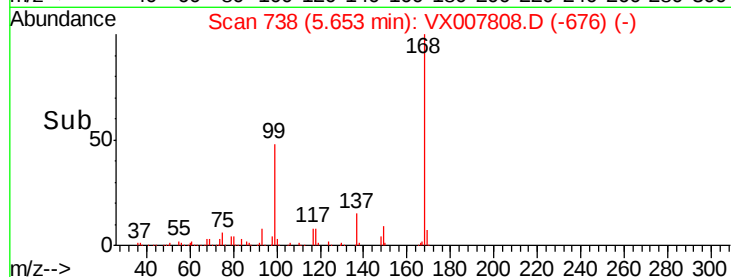
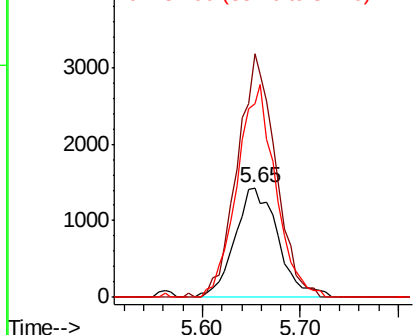
#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

Tgt Ion: 56 Resp: 4399
Ion Ratio Lower Upper
56 100
69 222.9 23.0 34.6#
84 176.9 69.8 104.6#

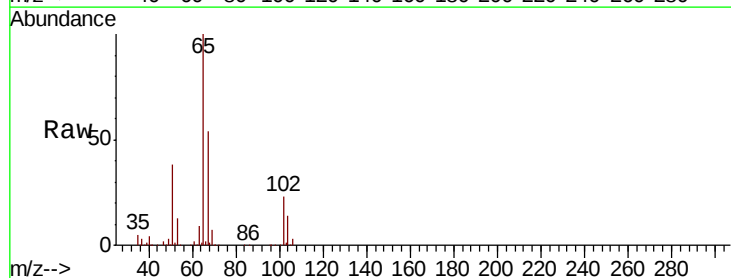


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

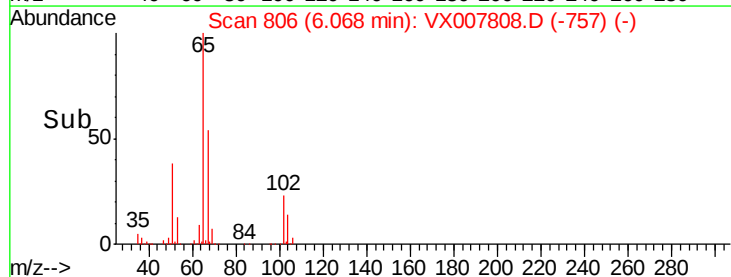
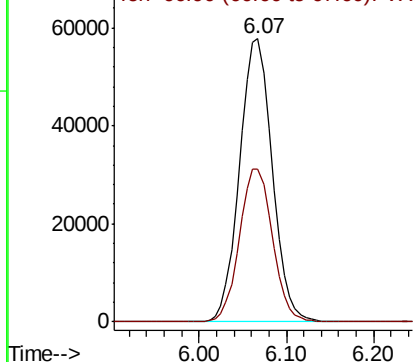


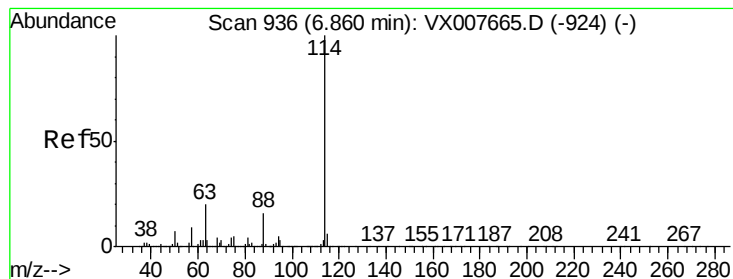
#33
1,2-Dichloroethane-d4
Concen: 43.492 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 65 Resp: 150534
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.8



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# 935

Delta R.T. -0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

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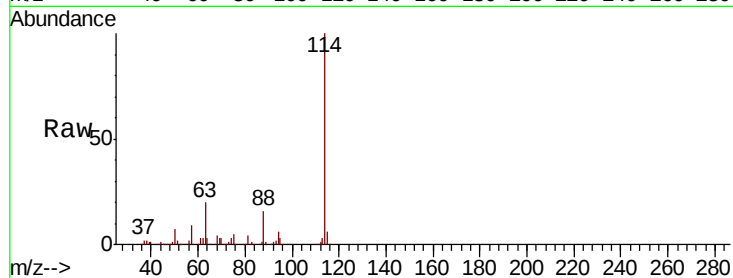
Tgt Ion:114 Resp: 427987

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

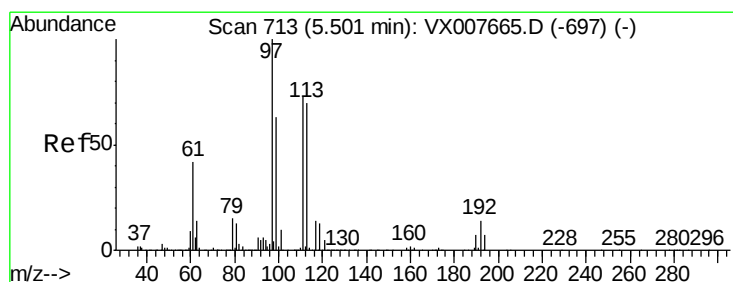
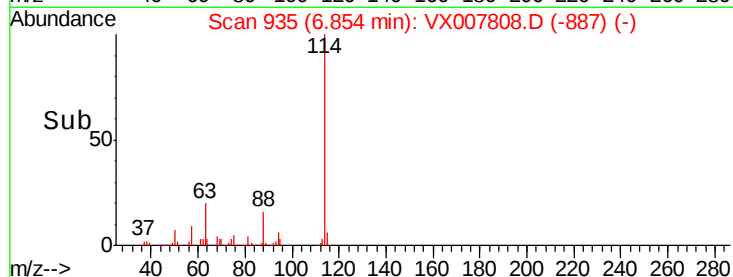
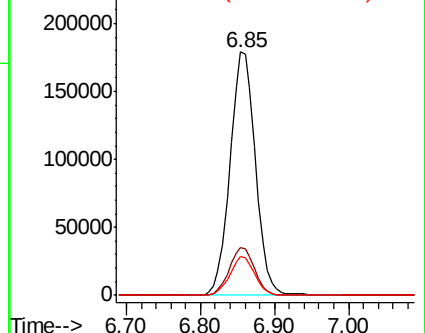
88 15.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.006 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

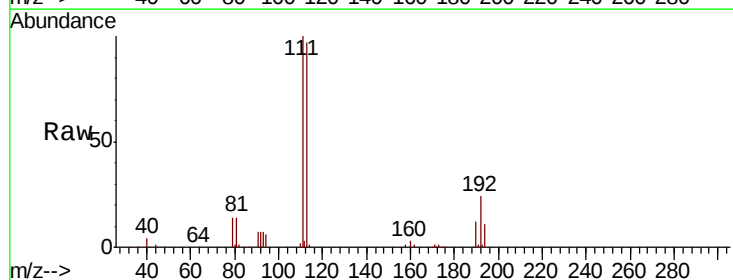
Tgt Ion:113 Resp: 131620

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

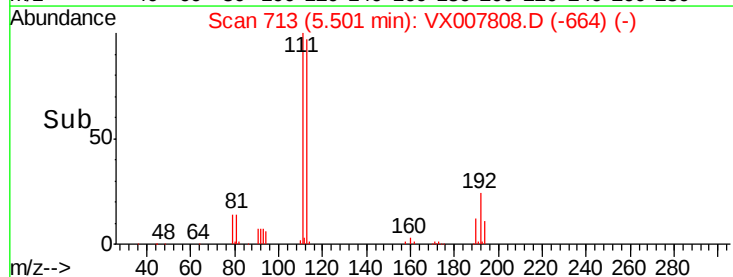
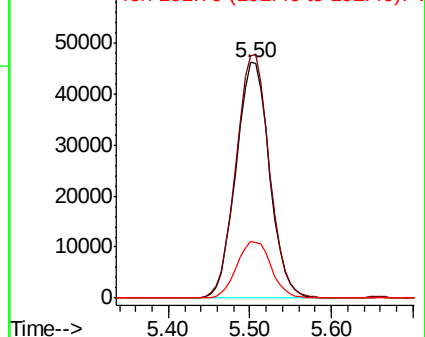
192 24.6 18.5 27.7

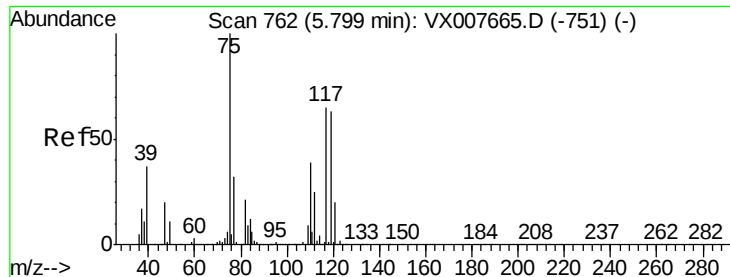


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.449 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

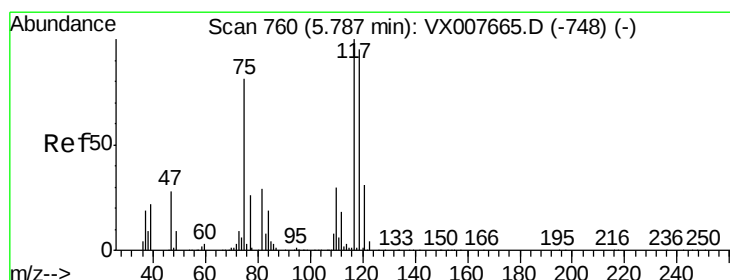
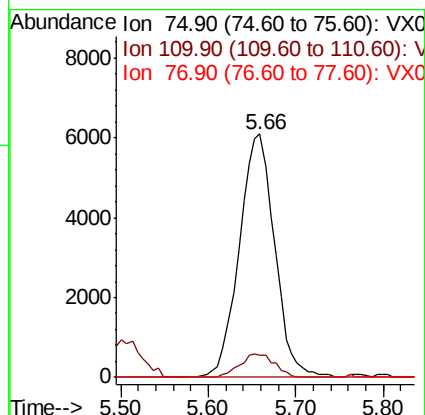
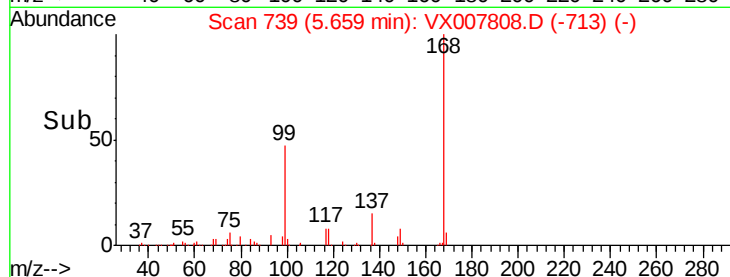
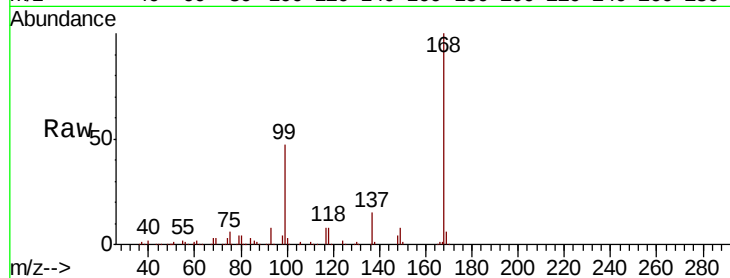
Tgt Ion: 75 Resp: 17120

Ion Ratio Lower Upper

75 100

110 9.4 20.0 59.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.114 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

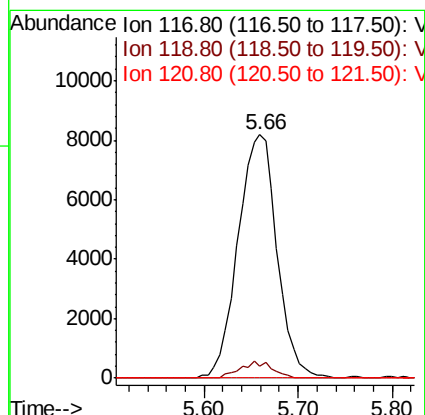
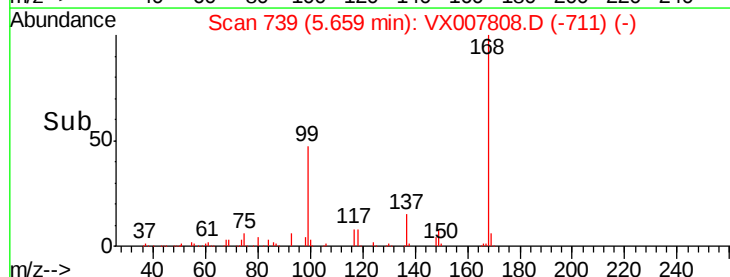
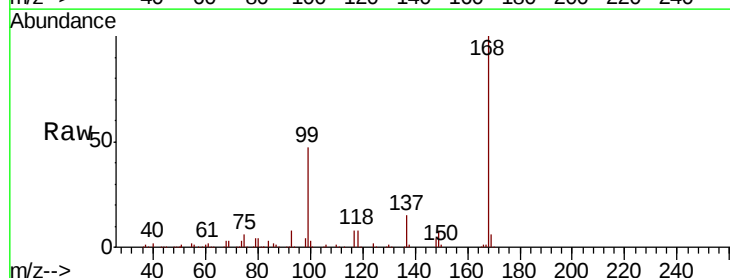
Tgt Ion: 117 Resp: 23630

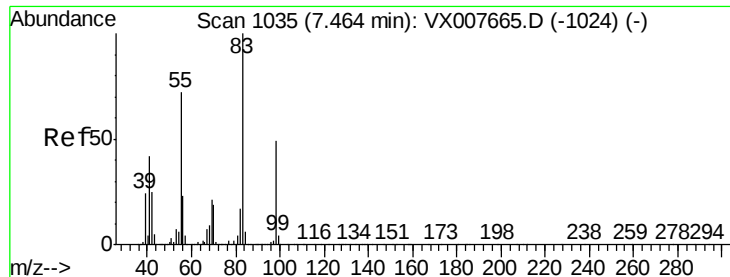
Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

121 0.0 25.0 37.4#

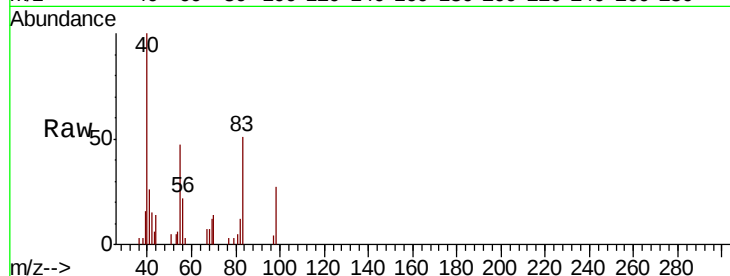




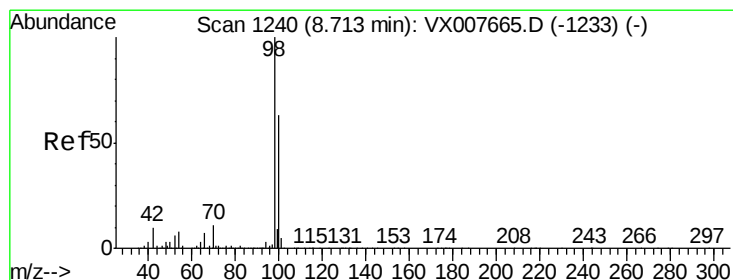
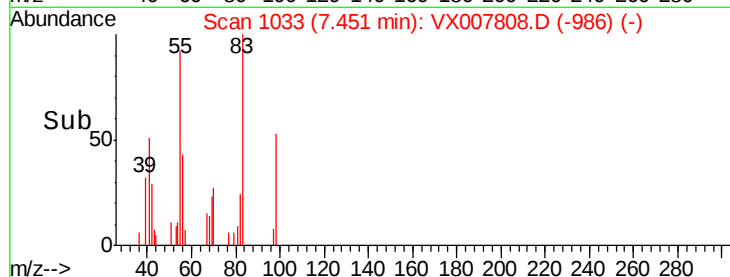
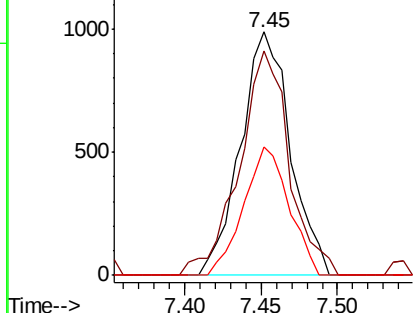
#39
Methylcyclohexane
Concen: 0.461 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

Tgt Ion: 83 Resp: 2241
Ion Ratio Lower Upper
83 100
55 92.3 56.2 84.2#
98 52.6 36.8 55.2

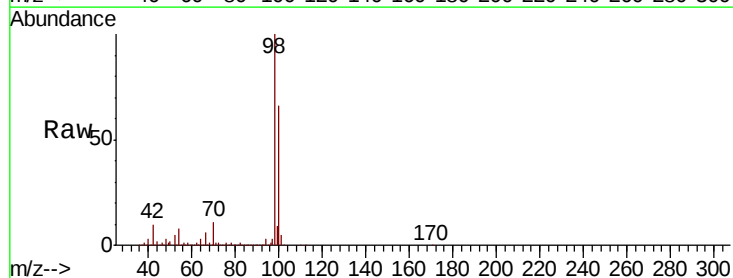


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

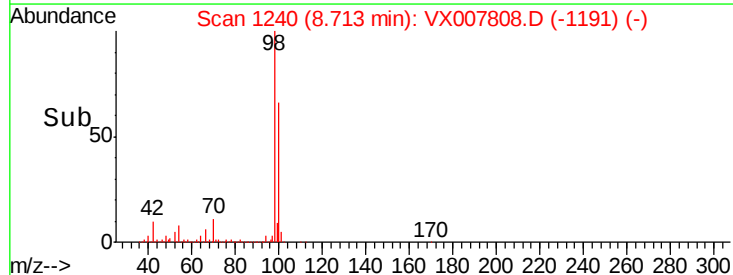
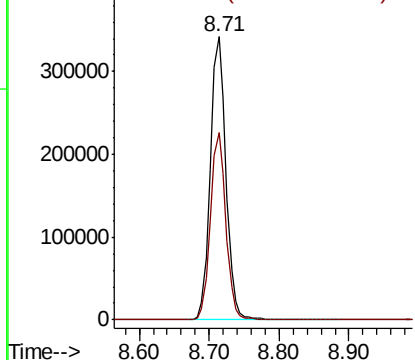


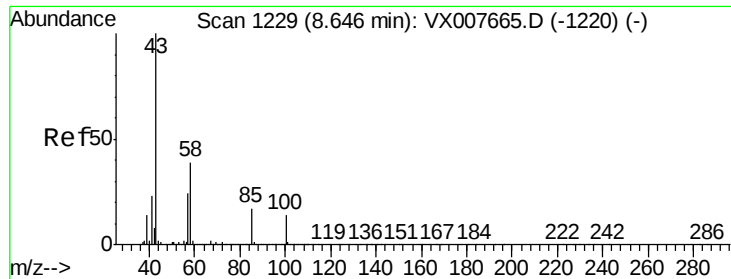
#50
Toluene-d8
Concen: 48.480 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 98 Resp: 530995
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

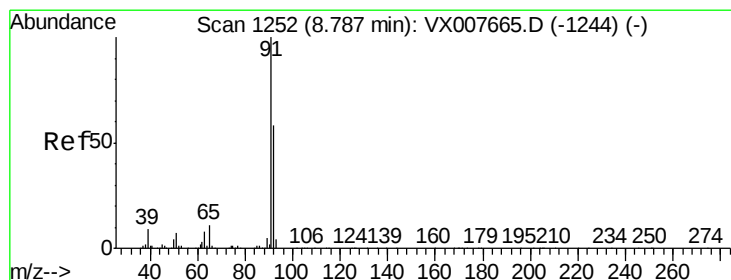
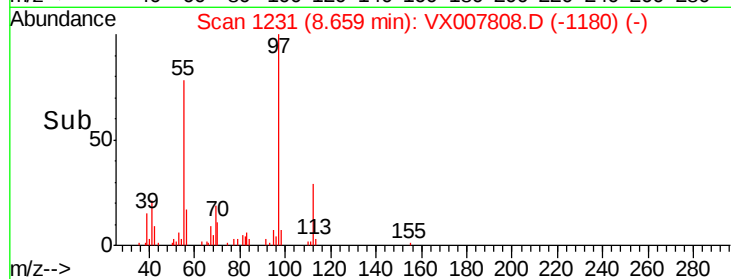
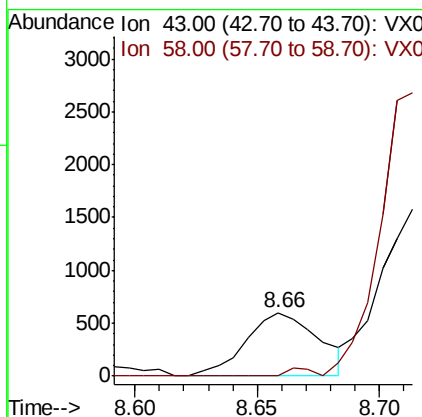
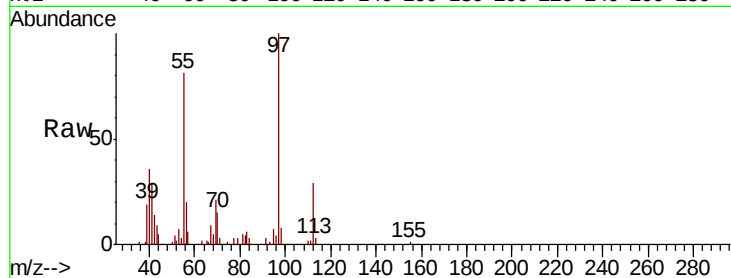




#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

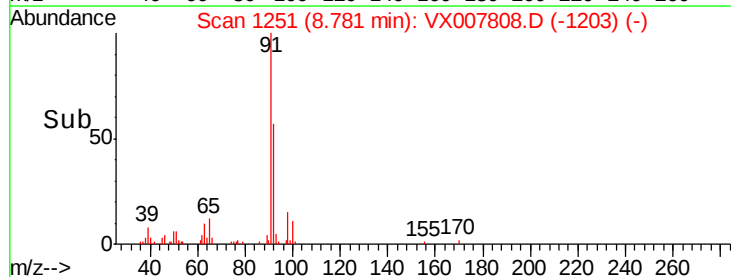
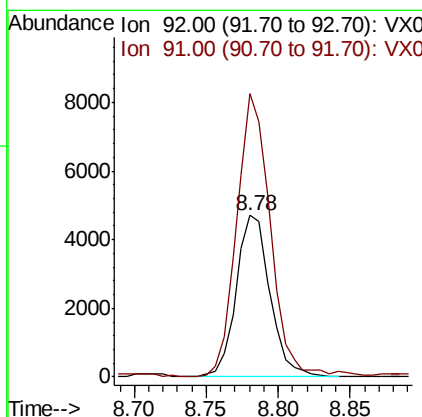
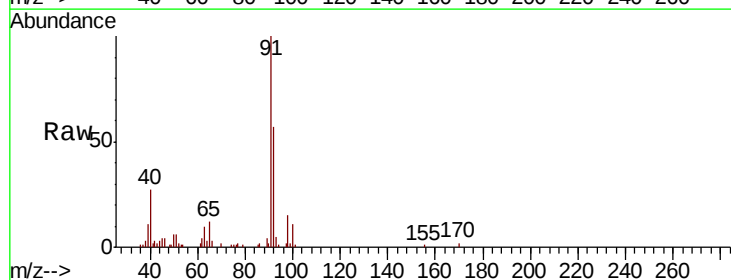
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

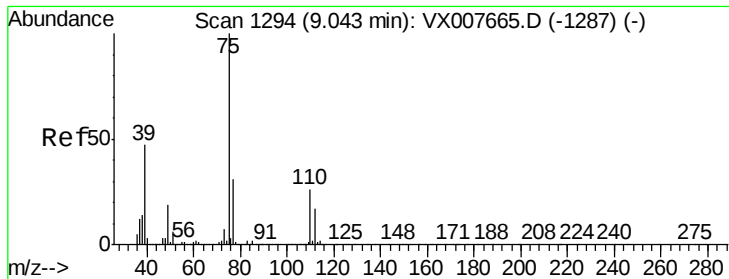
Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 0.0 31.2 46.8#



#52
Toluene
Concen: 1.023 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 92 Resp: 7659
Ion Ratio Lower Upper
92 100
91 176.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 3.030 ug/l

RT: 8.98 min Scan# 1283

Delta R.T. -0.07 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

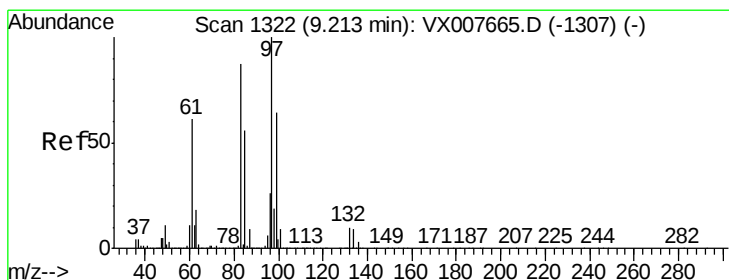
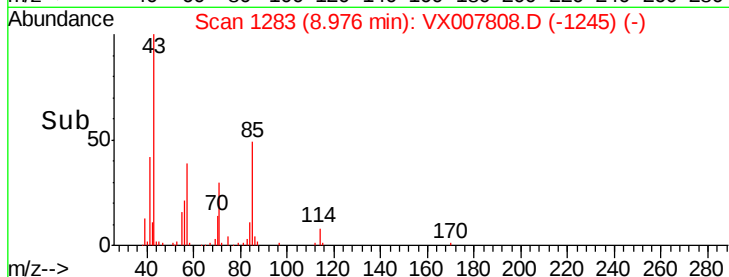
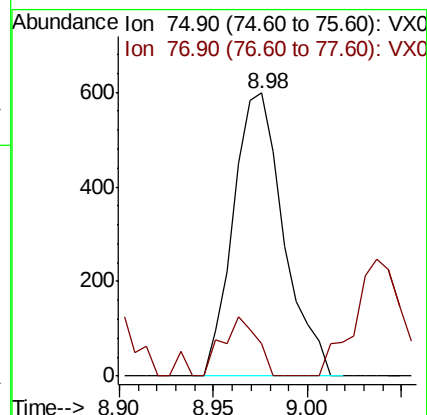
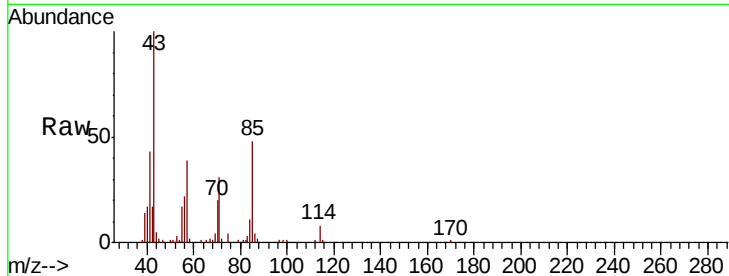
HR-06-022719-B

Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

77 11.7 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 2.192 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Tgt Ion: 97 Resp: 6846

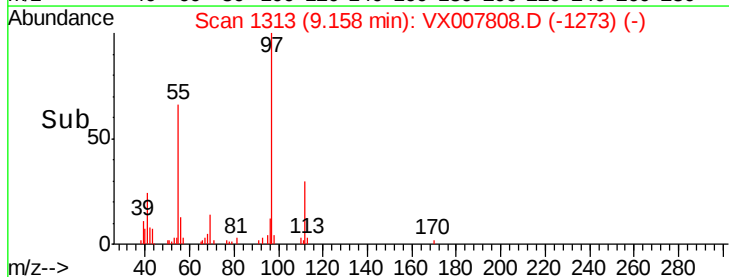
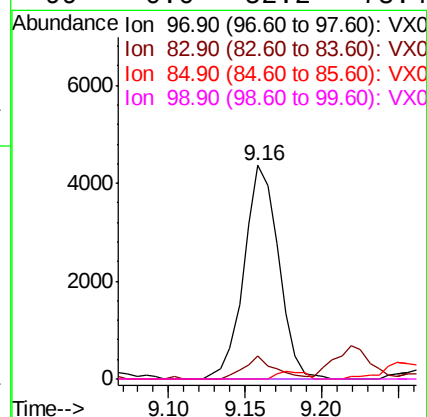
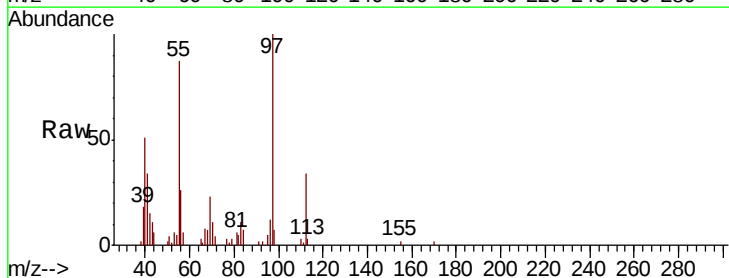
Ion Ratio Lower Upper

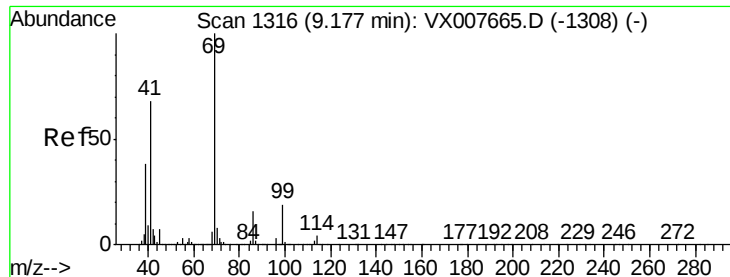
97 100

83 11.0 68.6 102.8#

85 0.0 44.5 66.7#

99 0.0 52.2 78.4#





#56

Ethyl methacrylate

Concen: 0.407 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

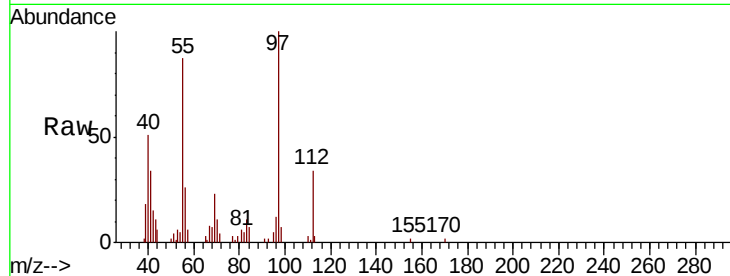
Tgt Ion: 69 Resp: 1809

Ion Ratio Lower Upper

69 100

41 129.7 52.1 78.1#

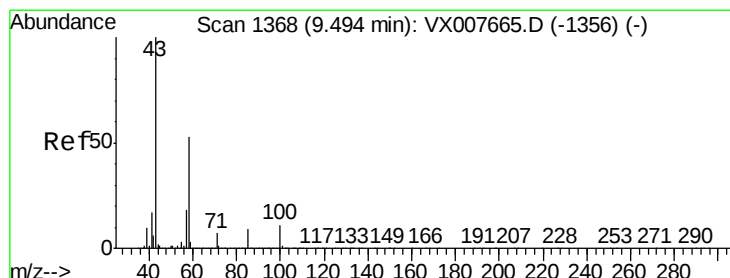
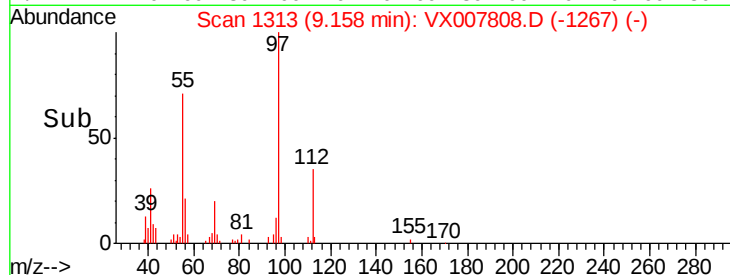
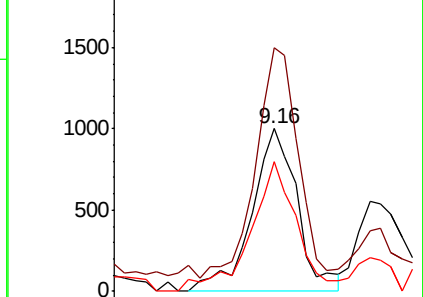
39 79.2 30.1 45.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 4.872 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX007808.D

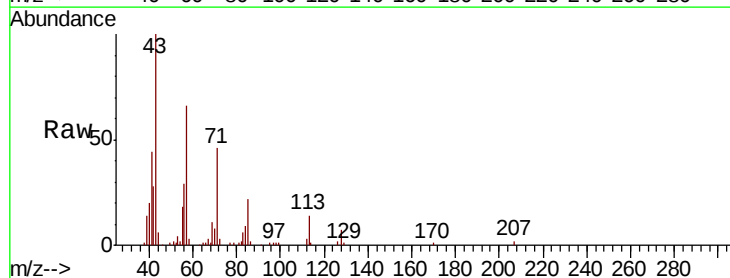
Acq: 04 Mar 2019 14:08

Tgt Ion: 43 Resp: 16842

Ion Ratio Lower Upper

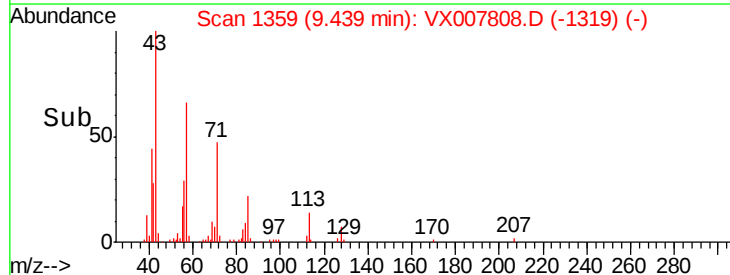
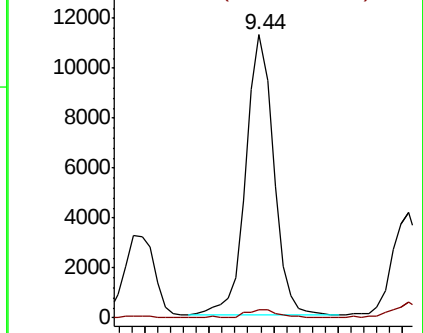
43 100

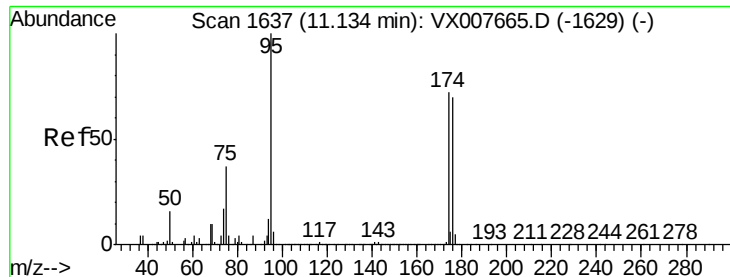
58 3.3 27.1 81.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.617 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

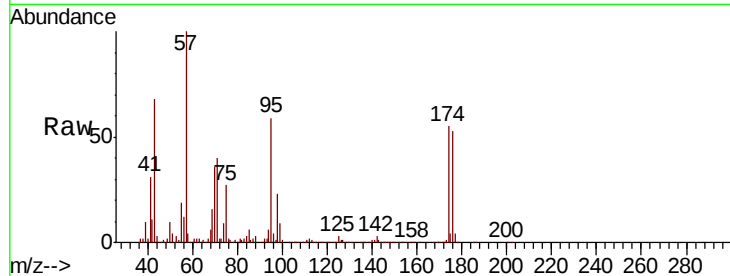
Tgt Ion: 95 Resp: 219567

Ion Ratio Lower Upper

95 100

174 89.4 0.0 189.2

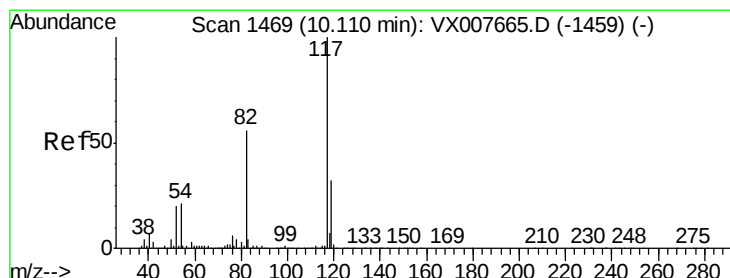
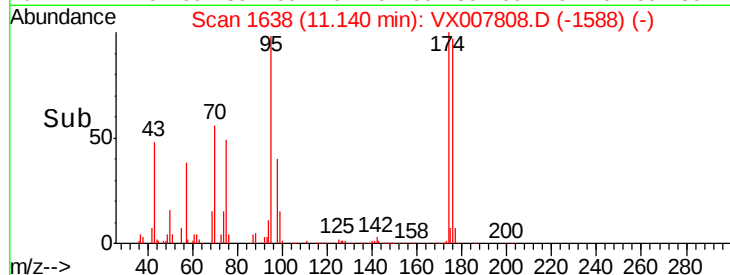
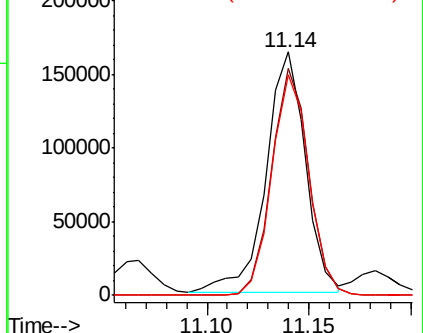
176 87.1 0.0 186.2



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

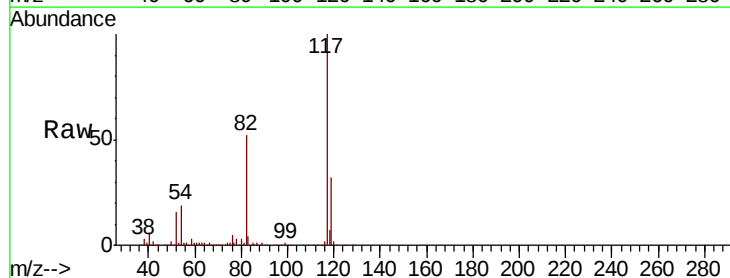
Tgt Ion: 117 Resp: 426554

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

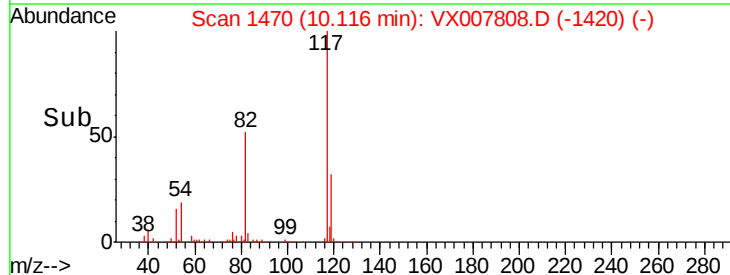
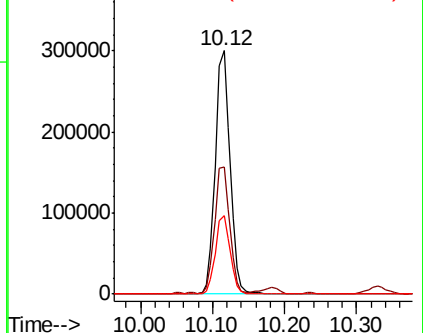
119 32.5 26.5 39.7

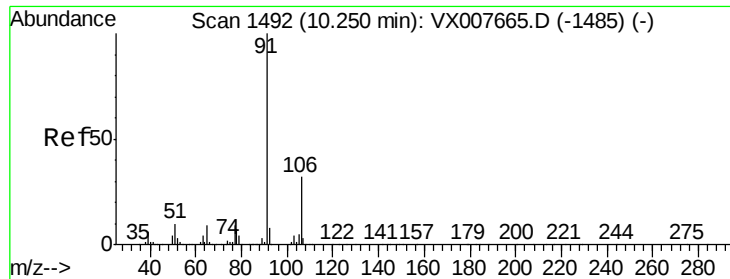


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

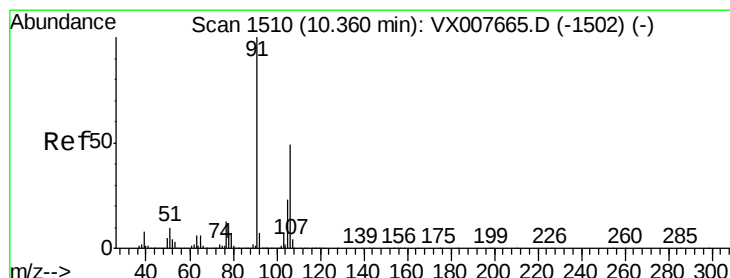
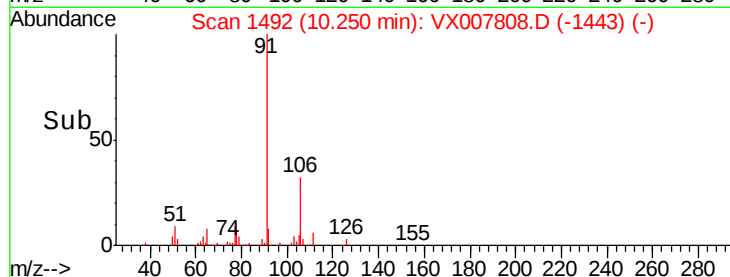
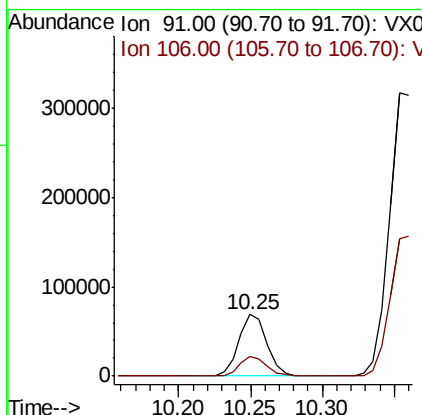
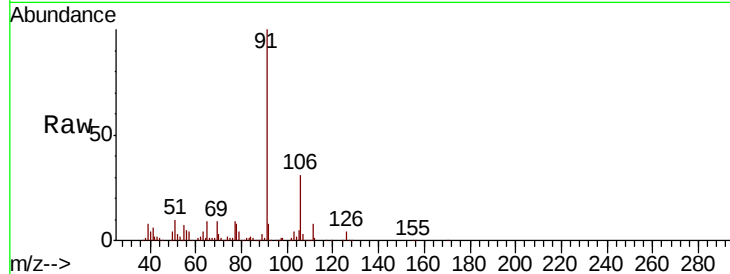




#67
Ethyl Benzene
Concen: 6.134 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

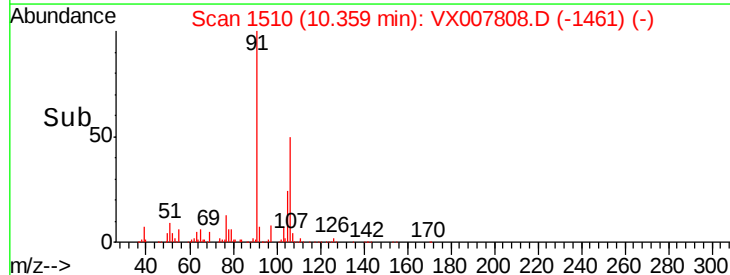
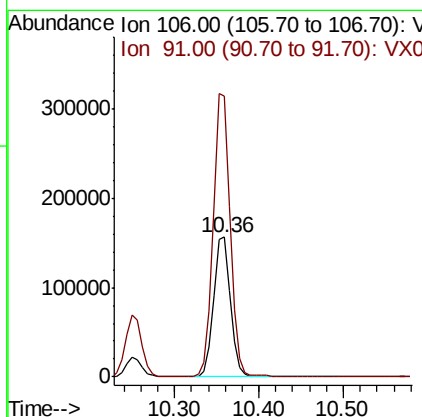
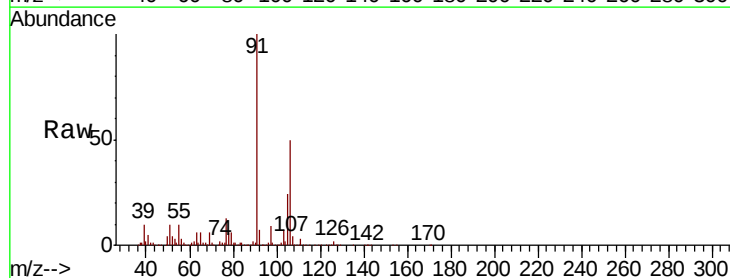
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

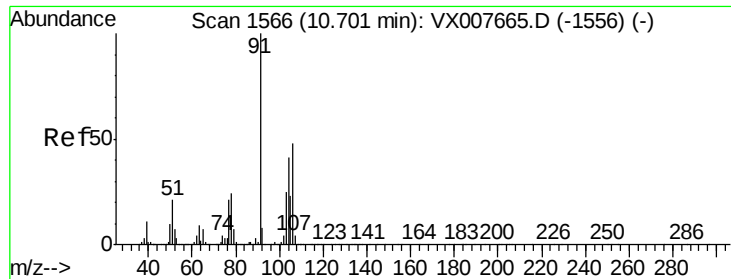
Tgt Ion: 91 Resp: 93739
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 36.788 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 106 Resp: 218717
Ion Ratio Lower Upper
106 100
91 204.0 156.6 234.8

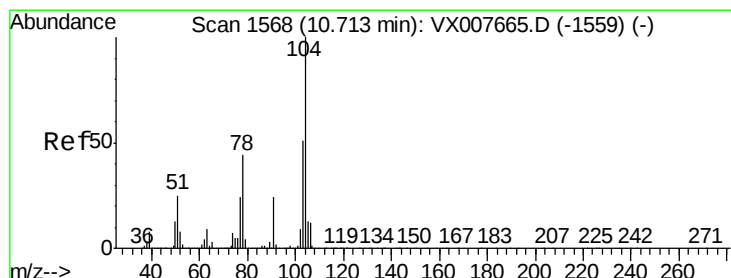
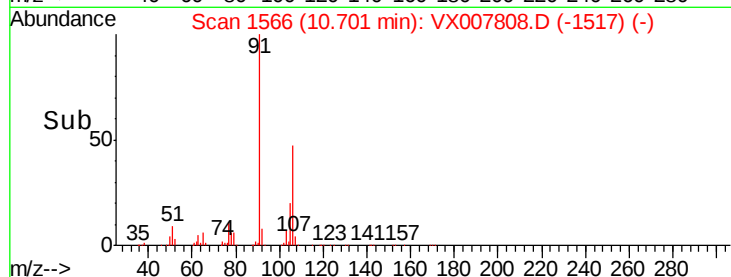
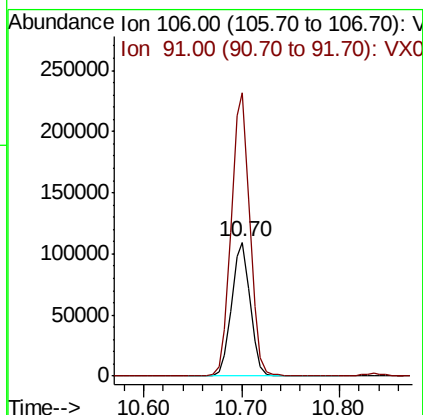
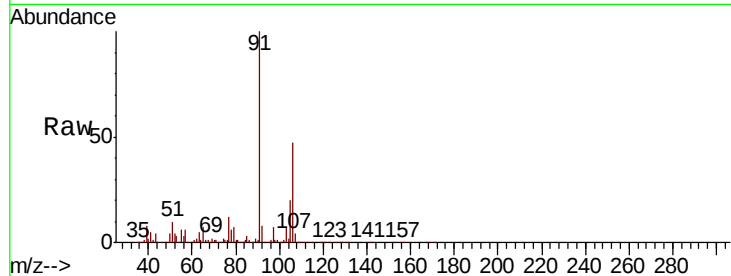




#69
o-Xylene
Concen: 25.139 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

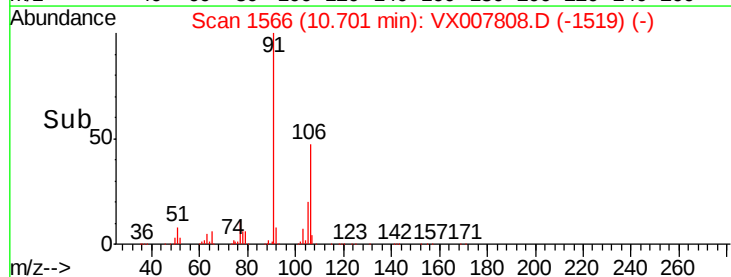
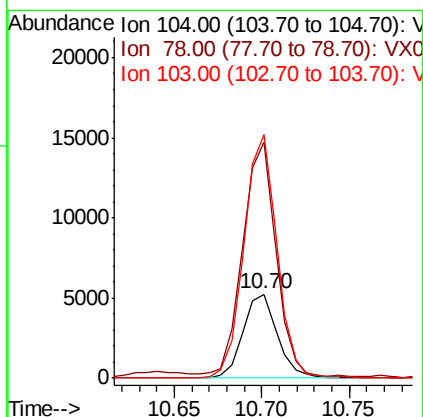
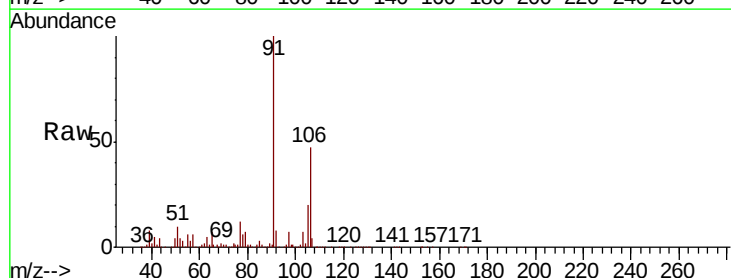
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

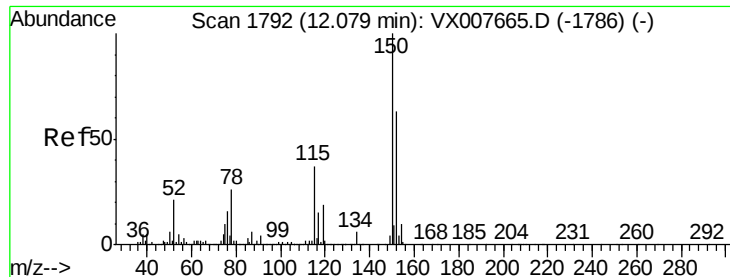
Tgt Ion:106 Resp: 143764
Ion Ratio Lower Upper
106 100
91 210.4 102.9 308.7



#70
Styrene
Concen: 0.764 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion:104 Resp: 7177
Ion Ratio Lower Upper
104 100
78 270.6 38.3 57.5#
103 279.2 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

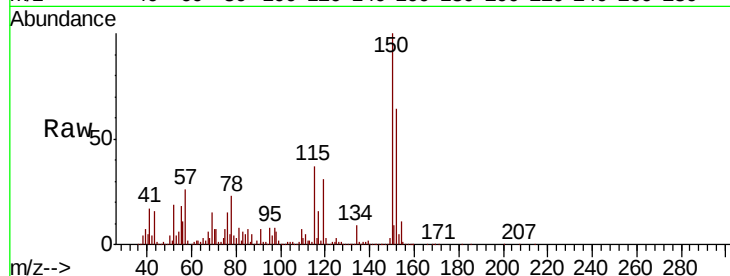
Tgt Ion:152 Resp: 236646

Ion Ratio Lower Upper

152 100

115 66.9 38.0 114.0

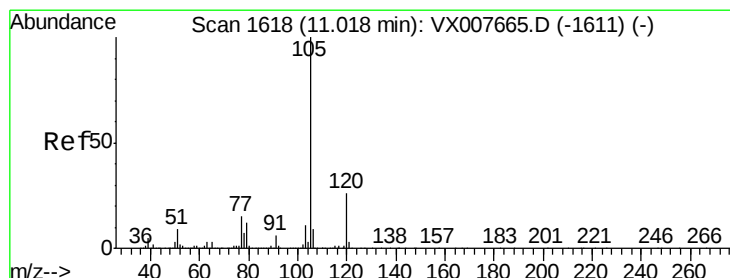
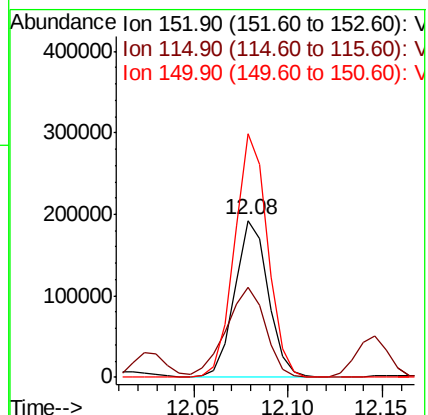
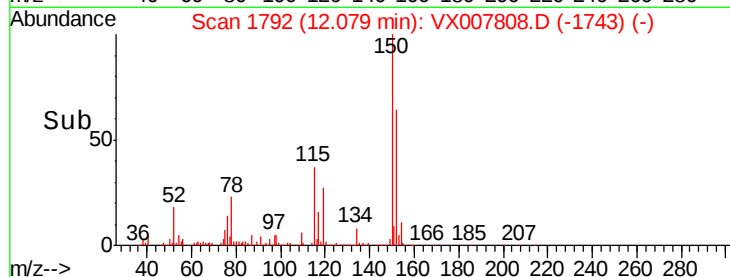
150 153.6 0.0 346.4



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: 8.699 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007808.D

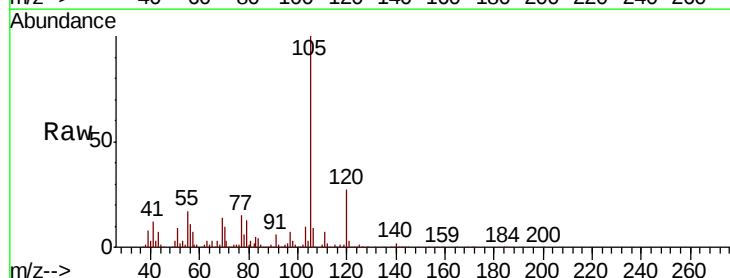
Acq: 04 Mar 2019 14:08

Tgt Ion:105 Resp: 147131

Ion Ratio Lower Upper

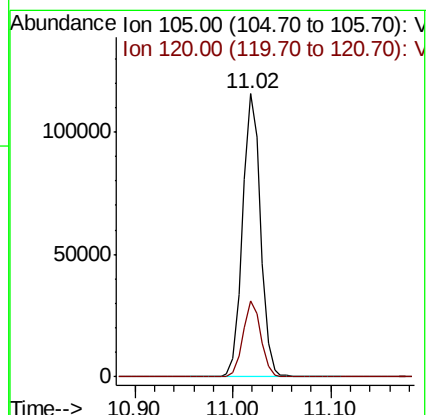
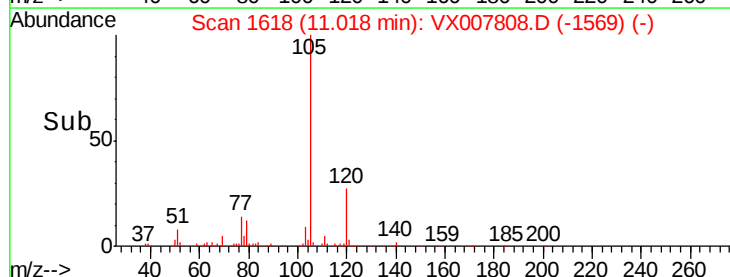
105 100

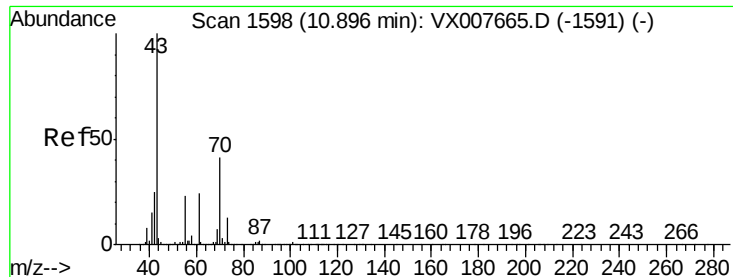
120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 15.778 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

HR-06-022719-B

Tgt Ion: 43 Resp: 115886

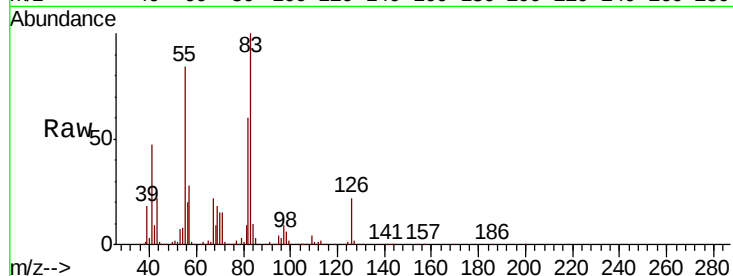
Ion Ratio Lower Upper

43 100

70 115.2 33.8 50.6#

55 338.8 19.5 29.3#

61 0.0 19.4 29.2#

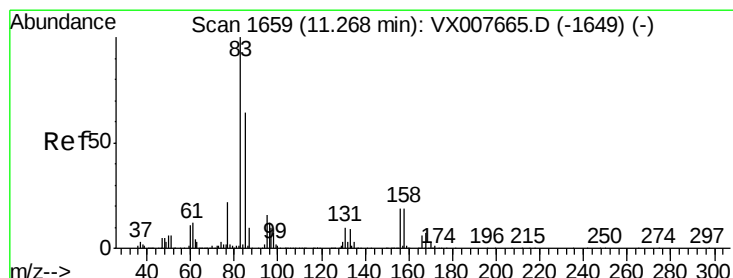
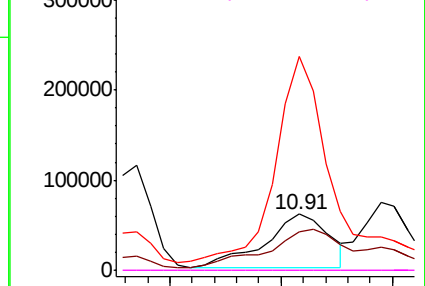
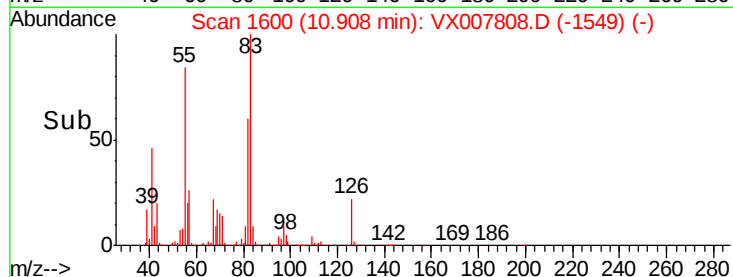


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 14.885 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

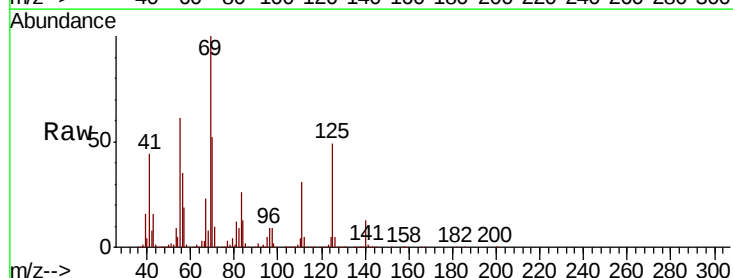
Tgt Ion: 83 Resp: 87076

Ion Ratio Lower Upper

83 100

131 0.2 5.7 17.0#

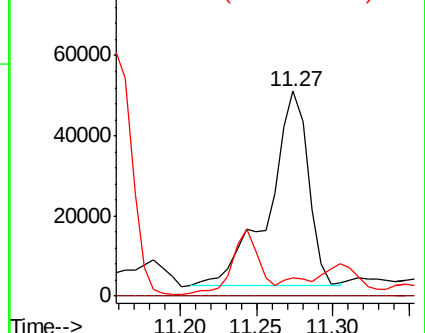
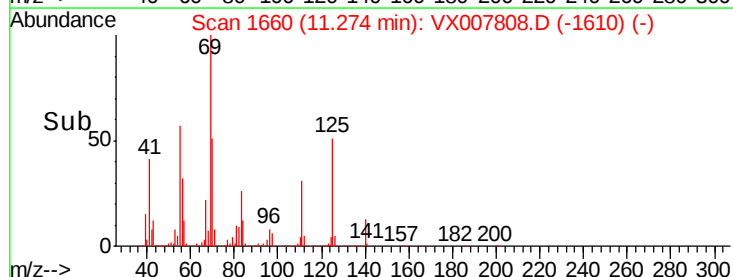
85 0.0 32.8 98.3#

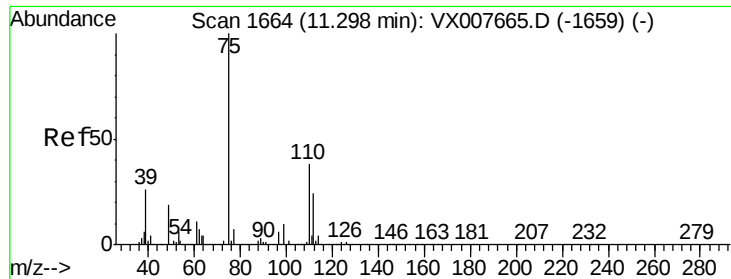


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

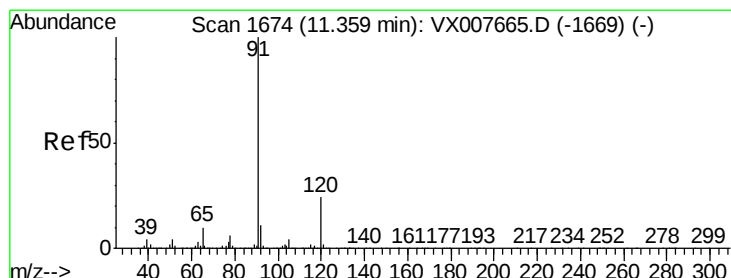
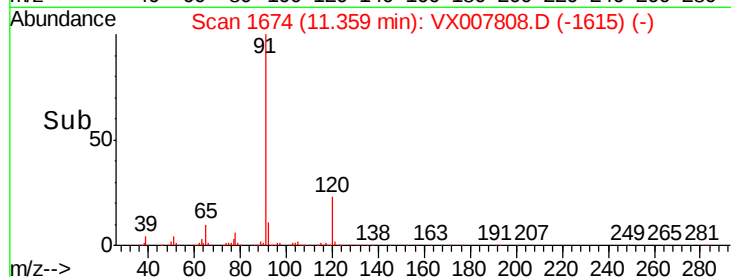
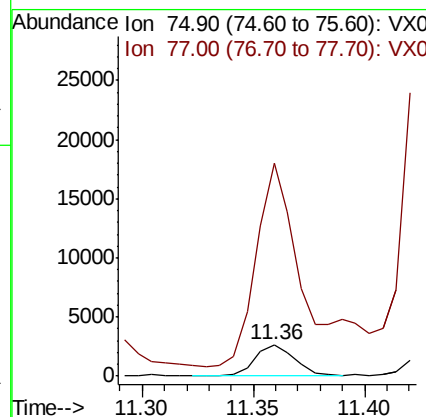
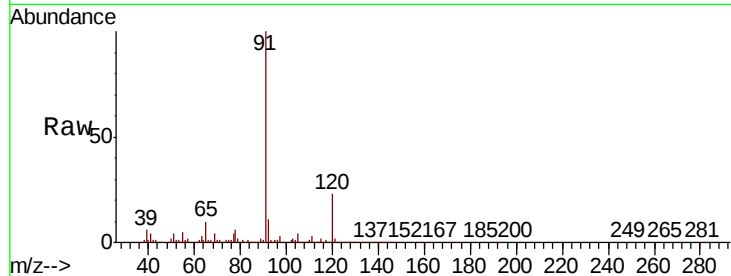




#76
1,2,3-Trichloropropane
Concen: 0.673 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.06 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

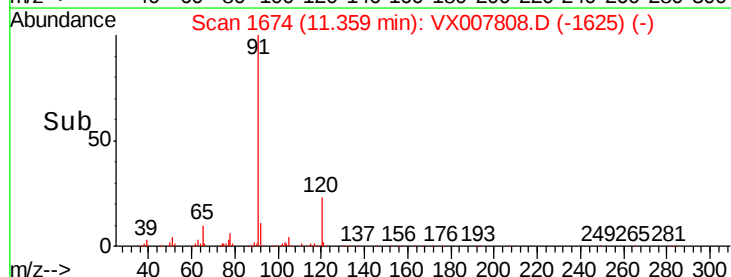
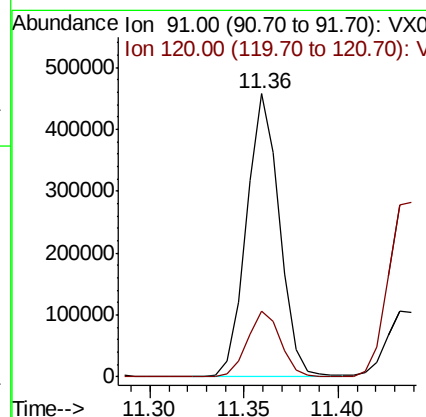
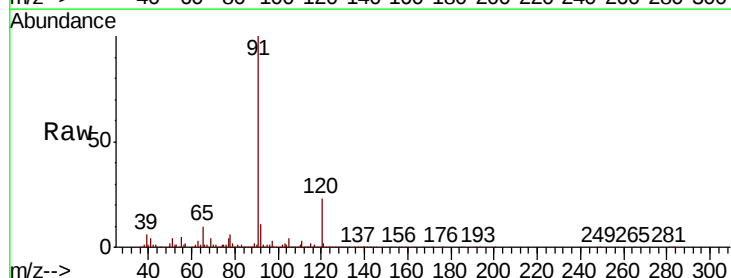
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

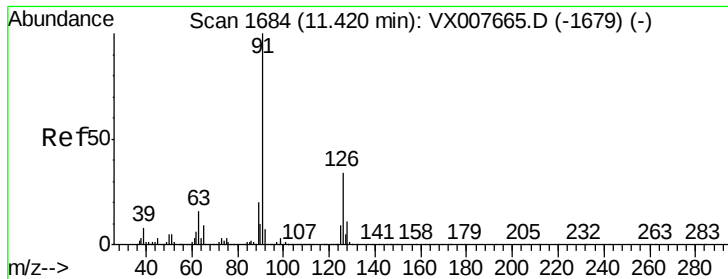
Tgt Ion: 75 Resp: 3393
Ion Ratio Lower Upper
75 100
77 771.0 23.0 69.0#



#78
n-propylbenzene
Concen: 28.947 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 91 Resp: 553252
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2

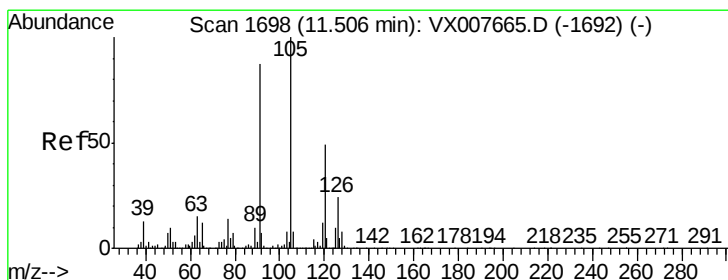
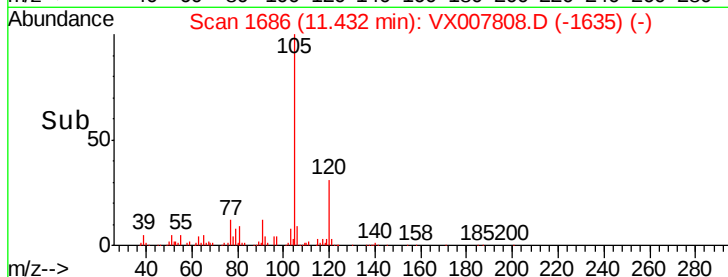
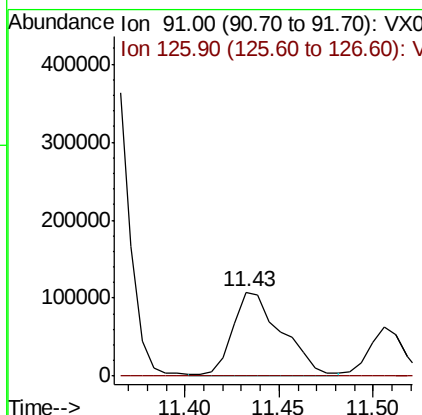
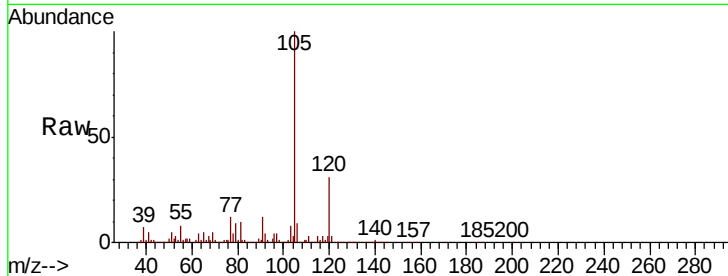




#79
 2-Chlorotoluene
 Concen: 16.682 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

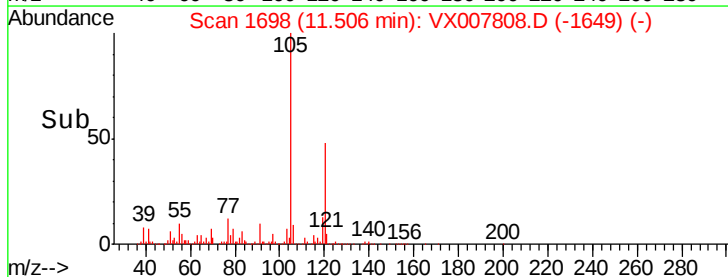
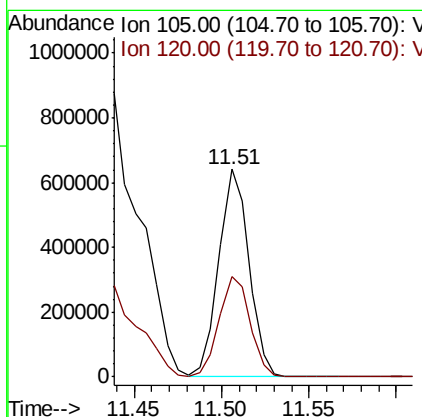
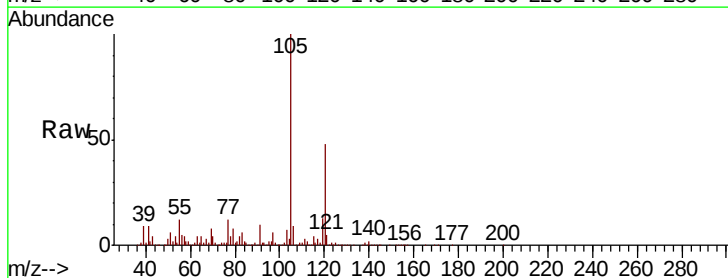
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

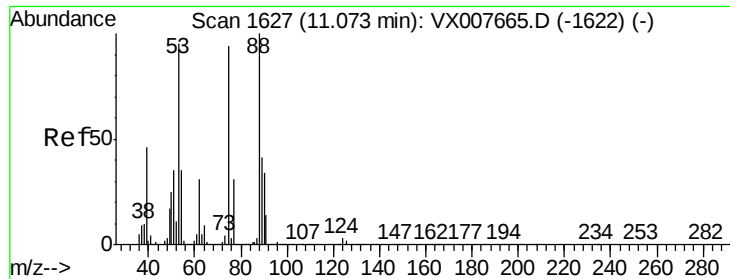
Tgt Ion: 91 Resp: 191973
 Ion Ratio Lower Upper
 91 100
 126 1.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 55.447 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

Tgt Ion: 105 Resp: 771397
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8

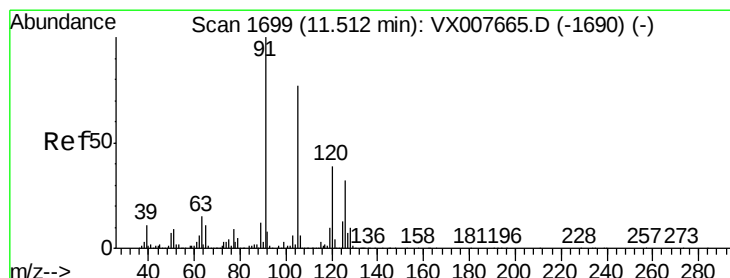
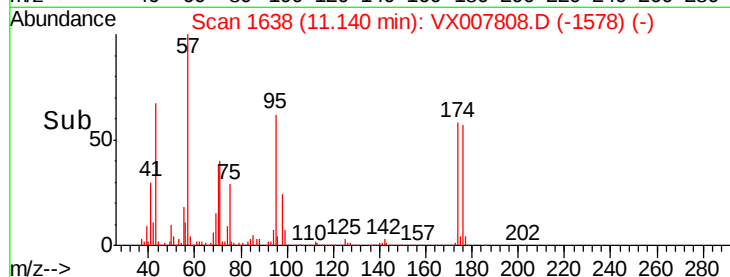
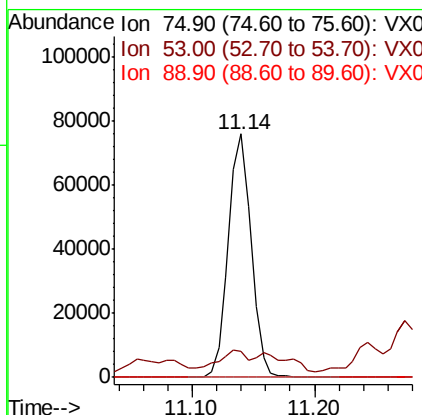
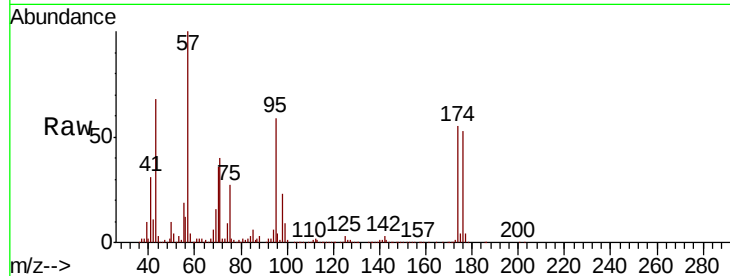




#81
trans-1,4-Dichloro-2-butene
Concen: 51.945 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

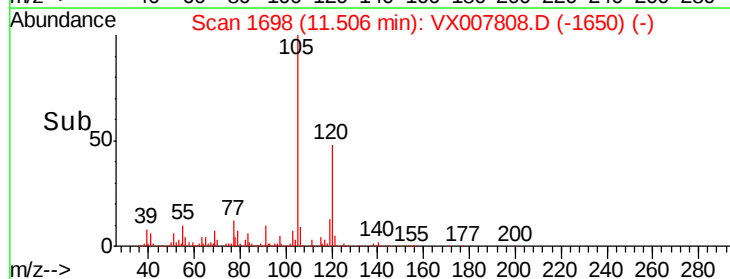
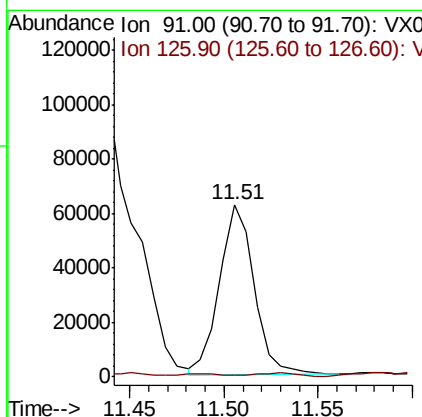
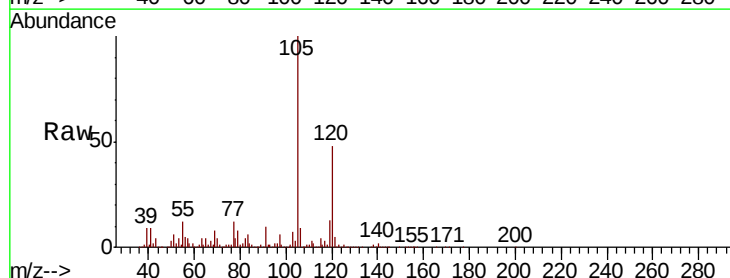
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

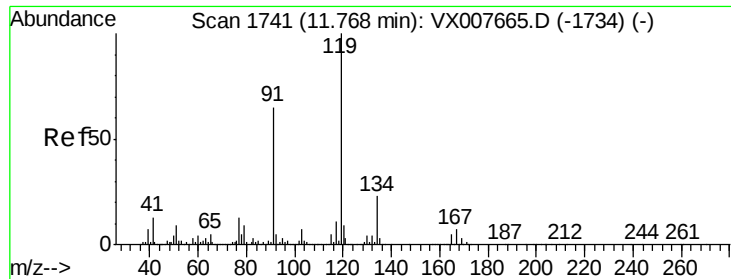
Tgt Ion: 75 Resp: 98015
Ion Ratio Lower Upper
75 100
53 8.3 81.0 121.6#
89 0.0 41.4 62.0#



#82
4-Chlorotoluene
Concen: 5.917 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 91 Resp: 79656
Ion Ratio Lower Upper
91 100
126 1.1 16.2 48.5#

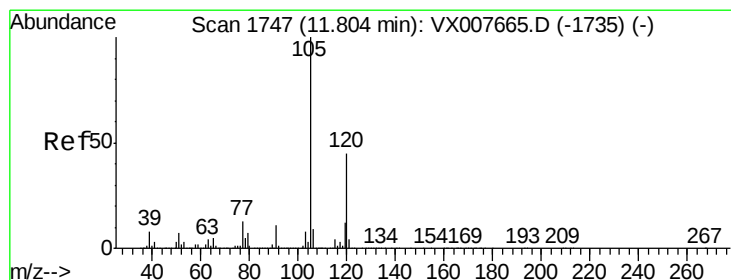
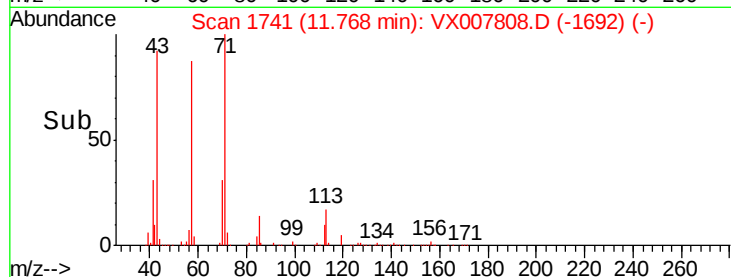
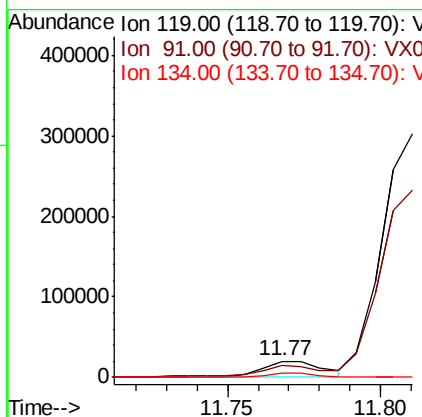
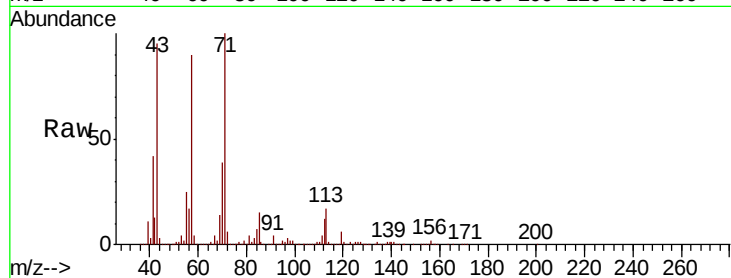




#83
 tert-Butylbenzene
 Concen: 2.085 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

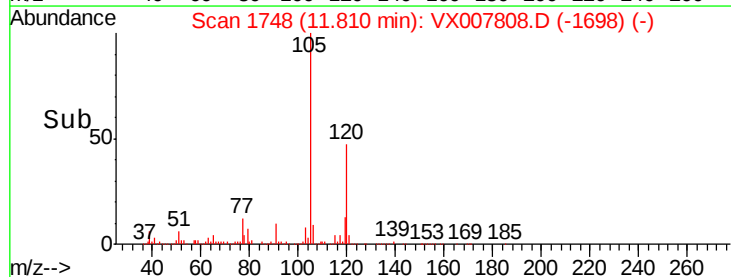
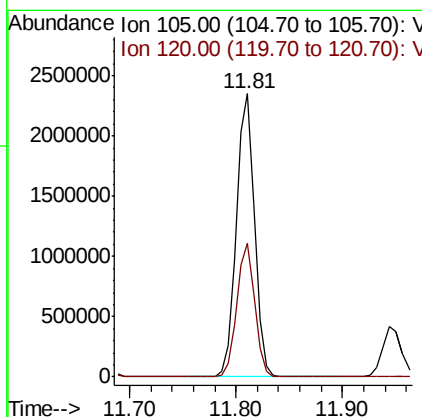
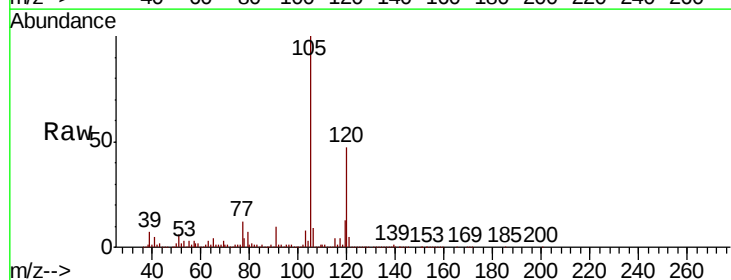
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

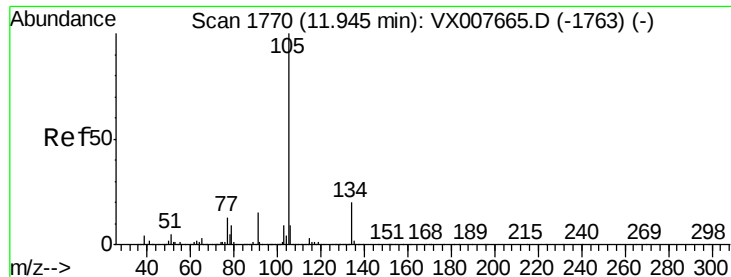
Tgt Ion:119 Resp: 27848
 Ion Ratio Lower Upper
 119 100
 91 61.0 28.5 85.6
 134 24.1 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 197.444 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

Tgt Ion:105 Resp: 2809778
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.3

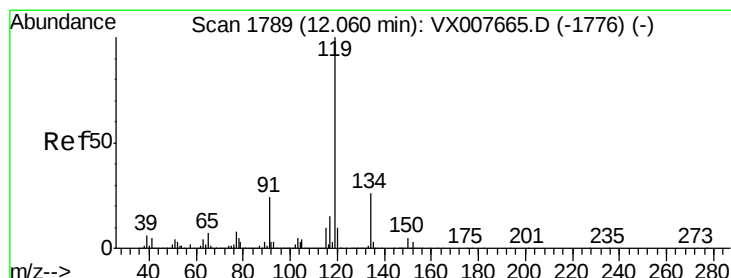
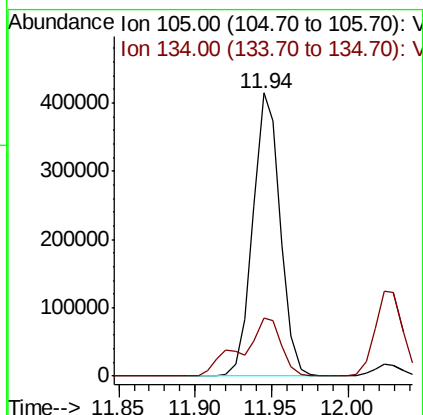
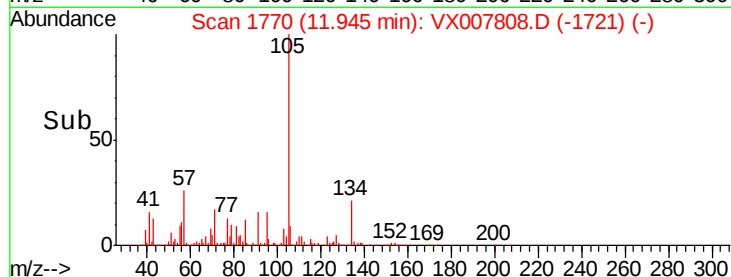
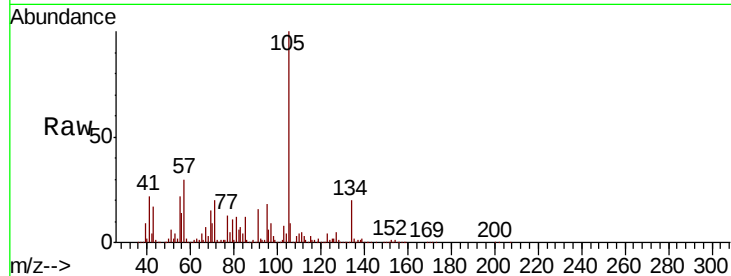




#85
 sec-Butylbenzene
 Concen: 30.633 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

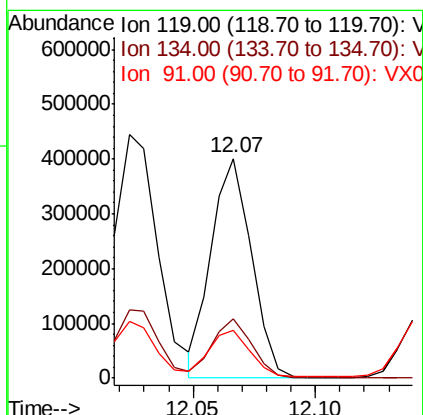
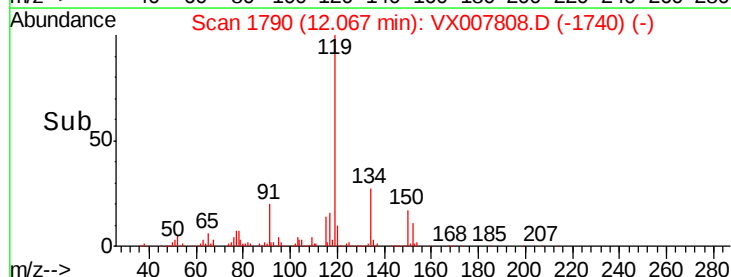
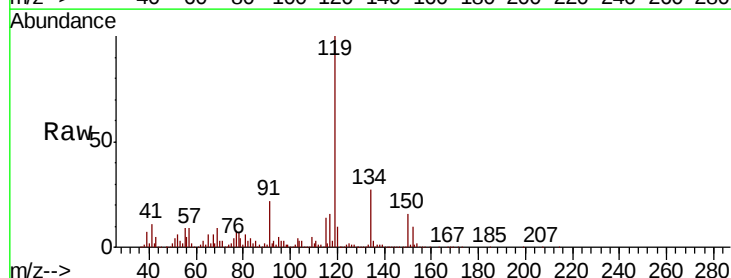
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

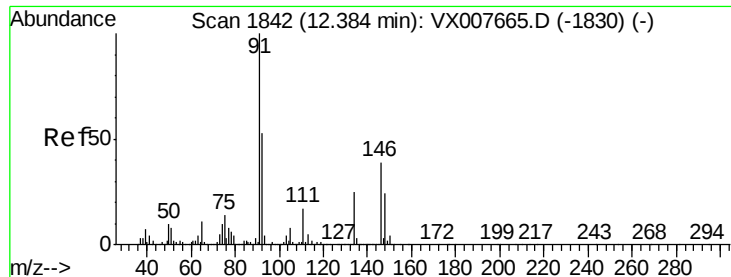
Tgt Ion:105 Resp: 512755
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 31.301 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

Tgt Ion:119 Resp: 458835
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.1
 91 21.4 11.2 33.5

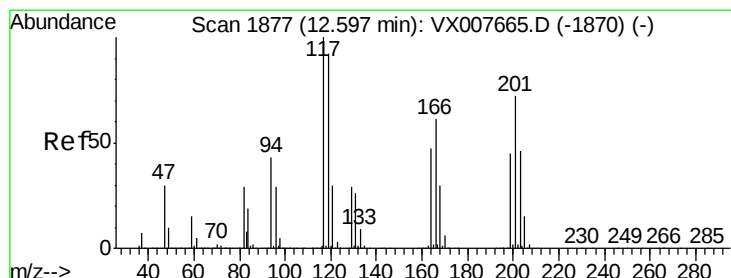
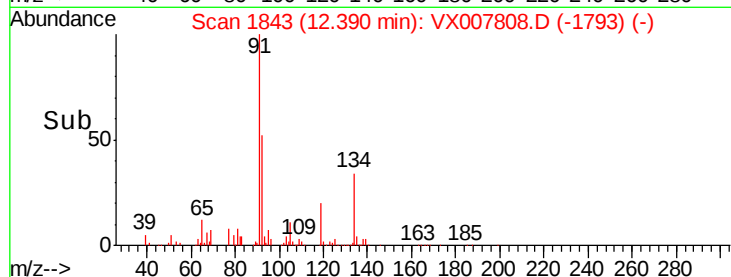
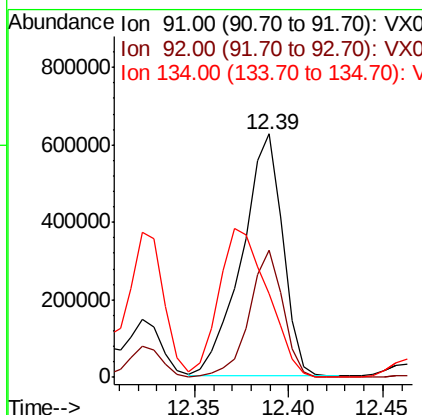
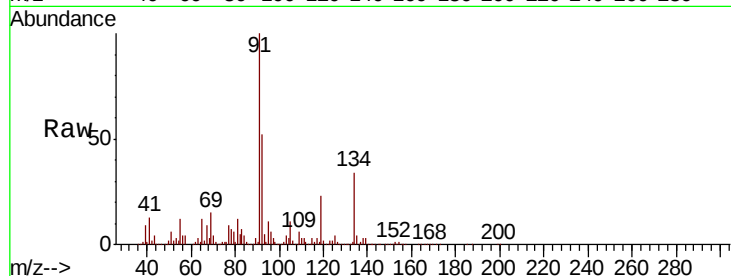




#89
n-Butylbenzene
Concen: 71.881 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

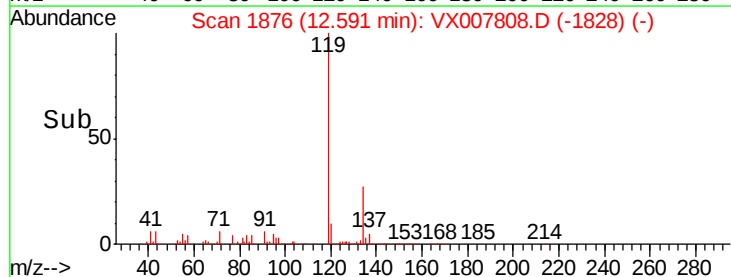
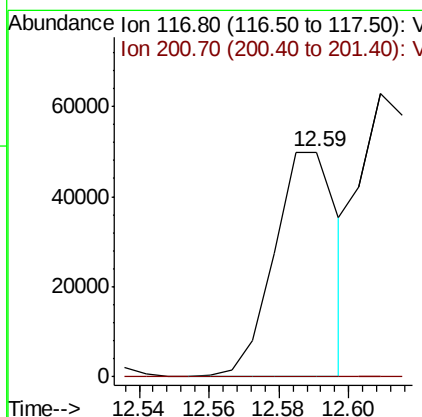
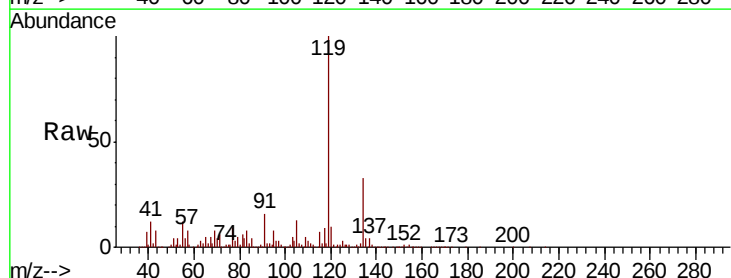
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

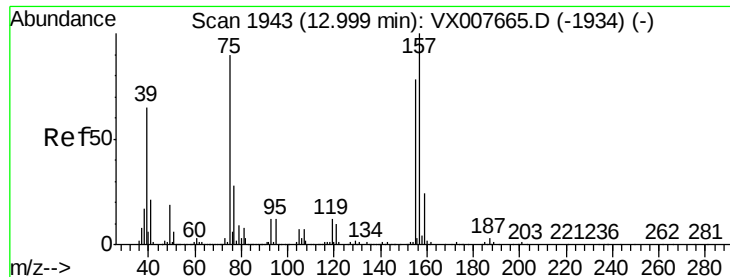
Tgt Ion: 91 Resp: 939717
Ion Ratio Lower Upper
91 100
92 43.2 26.3 78.9
134 73.4 13.9 41.6#



#90
Hexachloroethane
Concen: 25.402 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 117 Resp: 62741
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#

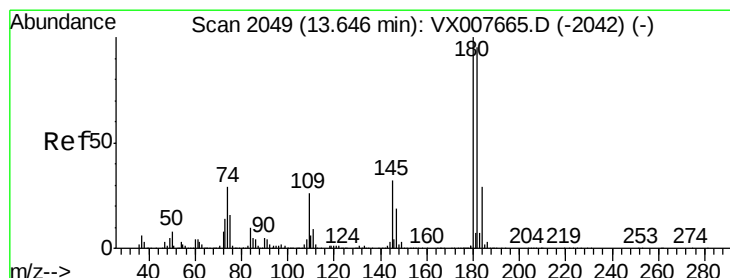
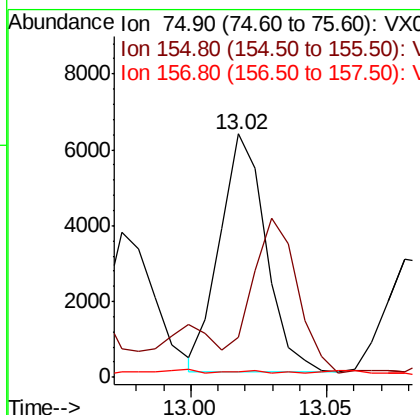
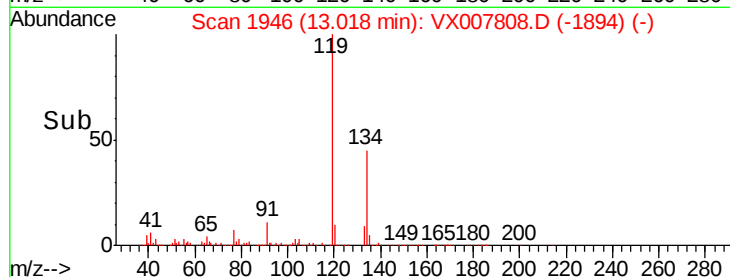
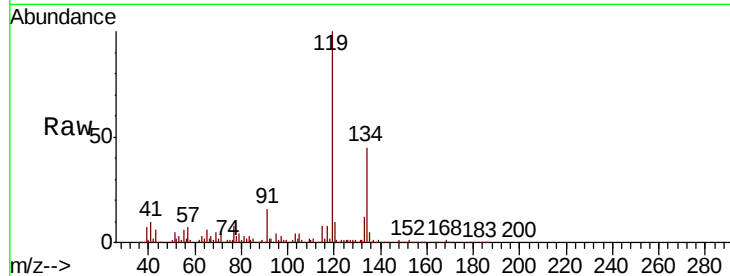




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.745 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

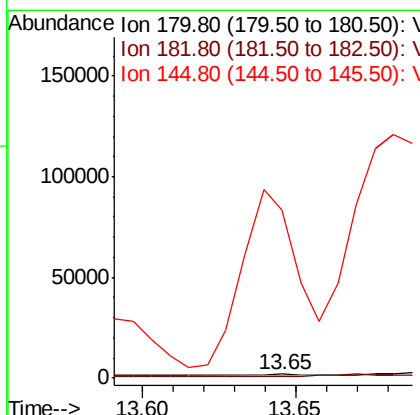
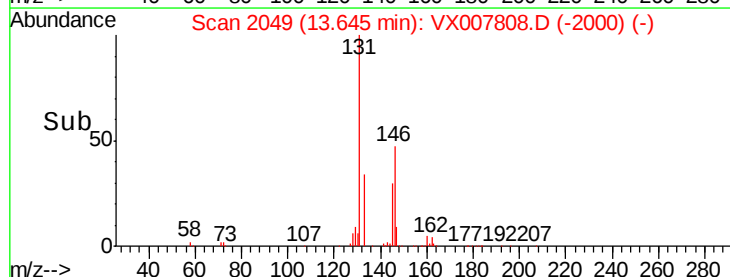
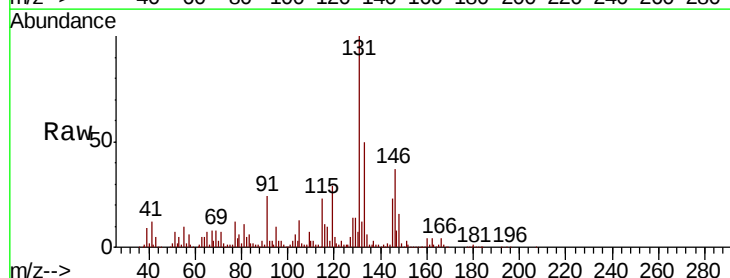
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

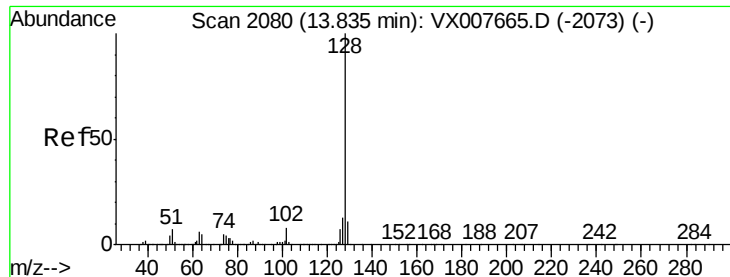
Tgt Ion: 75 Resp: 7323
 Ion Ratio Lower Upper
 75 100
 155 62.6 49.6 149.0
 157 0.0 65.1 195.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.277 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

Tgt Ion: 180 Resp: 1330
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 8578.7 14.1 42.2#





#95

Naphthalene

Concen: 57.167 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

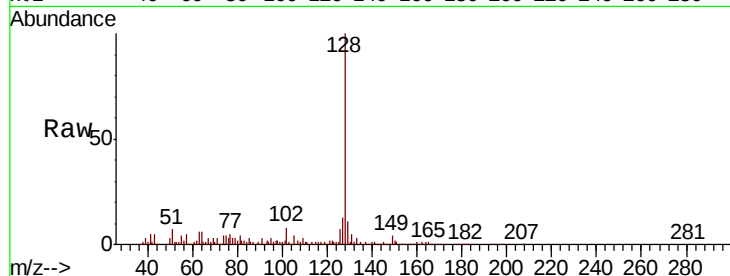
Tgt Ion:128 Resp: 890123

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

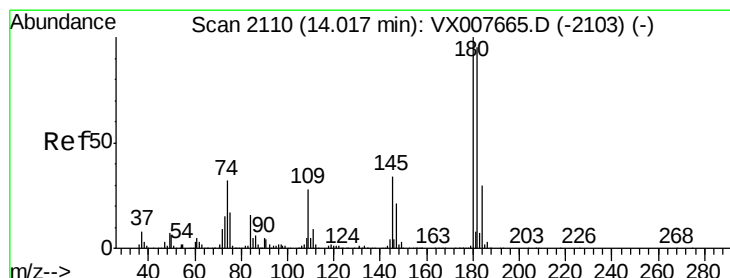
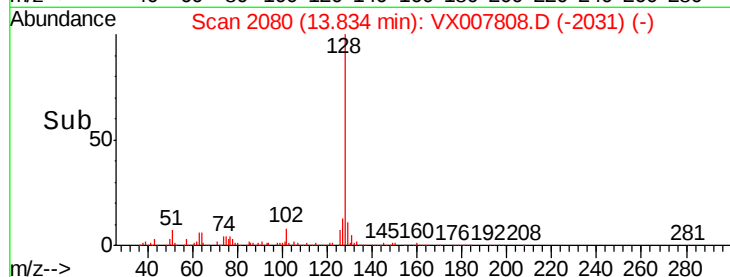
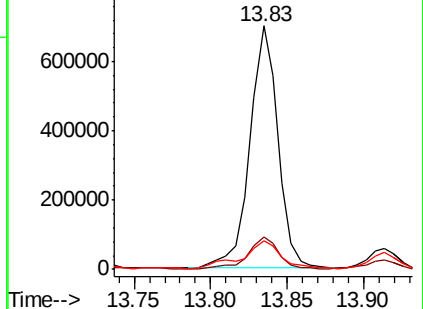
129 15.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.626 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.02 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

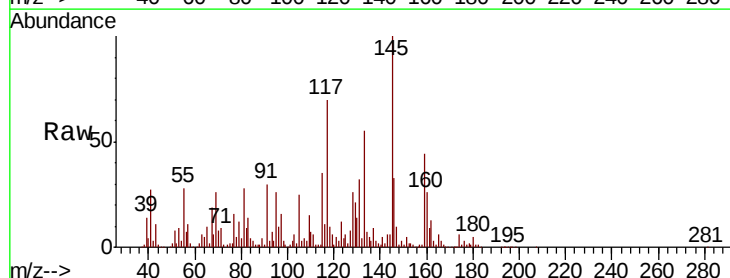
Tgt Ion:180 Resp: 7848

Ion Ratio Lower Upper

180 100

182 12.4 47.5 142.6#

145 1837.7 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

