

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011791.D
 Acq On : 23 Aug 2019 12:32
 Operator : JC/SP
 Sample : K4451-01
 Misc : 5.95g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1

Quant Time: Aug 26 01:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	569718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	295035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	179273	41.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.44%	
35) Dibromofluoromethane	5.49	113	161584	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
50) Toluene-d8	8.71	98	655234	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	239736	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	893	0.252	ug/l	95
5) Bromomethane	1.63	94	892	0.457	ug/l #	43
10) Methyl Iodide	2.47	142	1508	0.354	ug/l #	63
11) Tert butyl alcohol	3.02	59	4122	4.797	ug/l #	85
13) Acrolein	2.28	56	520	1.565	ug/l #	40
15) Acrylonitrile	3.14	53	493	0.251	ug/l #	75
18) Methyl Acetate	2.76	43	3771	0.735	ug/l #	51
20) Methylene Chloride	2.83	84	1072	0.277	ug/l #	81
28) Bromochloromethane	5.03	49	636	0.230	ug/l #	28
36) 1,1-Dichloropropene	5.64	75	22980	5.144	ug/l #	50
38) Carbon Tetrachloride	5.65	117	35237	6.960	ug/l #	16
39) Methylcyclohexane	7.45	83	6443	1.164	ug/l	95
42) 1,2-Dichloroethane	6.18	62	1016	0.201	ug/l	92
49) 1,4-Dioxane	7.72	88	108	1.024	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	1145	0.227	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	6954	1.866	ug/l #	20
56) Ethyl methacrylate	9.15	69	1888	0.356	ug/l #	43
59) 2-Hexanone	9.44	43	12887	3.330	ug/l #	28
73) Isopropylbenzene	11.02	105	18609	1.047	ug/l	97
74) N-amyl acetate	10.91	43	17623	2.560	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	14787	2.513	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	105991	20.474	ug/l #	35
78) n-propylbenzene	11.36	91	33408	1.757	ug/l	99
79) 2-Chlorotoluene	11.66	91	3510	0.297	ug/l	88
80) 1,3,5-Trimethylbenzene	11.51	105	28421	1.916	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	105991	61.744	ug/l #	12
82) 4-Chlorotoluene	11.66	91	3609	0.265	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	88901	5.934	ug/l	98
85) sec-Butylbenzene	11.94	105	78321	4.678	ug/l	86
86) p-Isopropyltoluene	12.06	119	32133	1.995	ug/l	99
89) n-Butylbenzene	12.38	91	80916	6.068	ug/l #	40
90) Hexachloroethane	12.58	117	11412	4.560	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1340	0.980	ug/l #	1
95) Naphthalene	13.83	128	9154	0.496	ug/l #	14

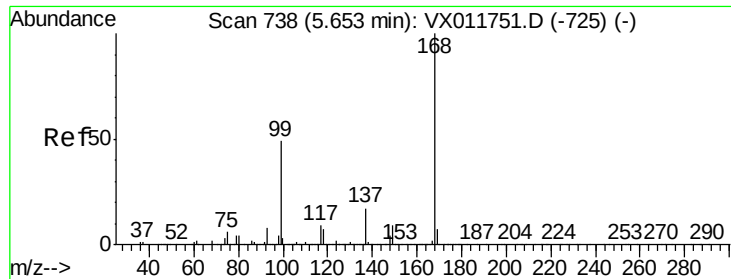
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
Data File : VX011791.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	4056	0.603	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

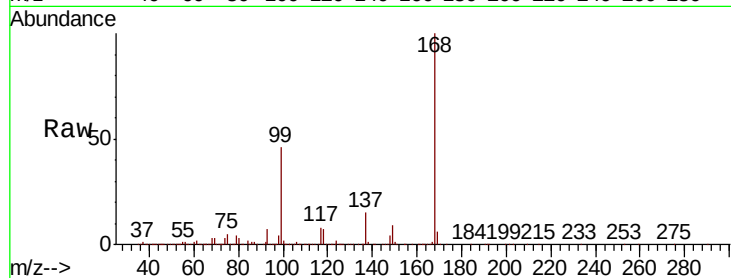
B-1

Tgt Ion:168 Resp: 432910

Ion Ratio Lower Upper

168 100

99 45.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

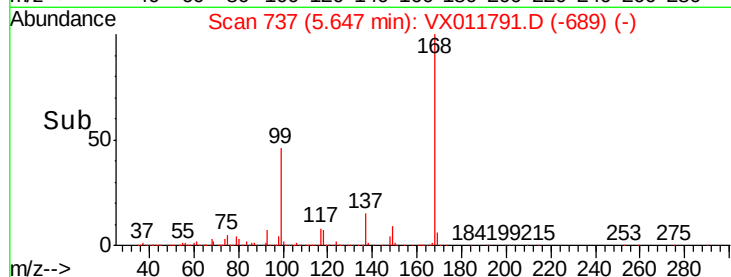
150000

100000

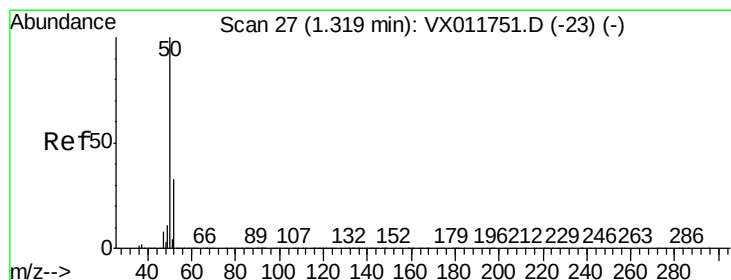
50000

0

5.50 5.60 5.70 5.80



Time-->



#3

Chloromethane

Concen: 0.252 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011791.D

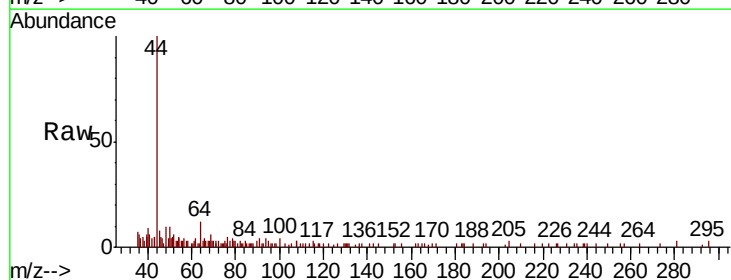
Acq: 23 Aug 2019 12:32

Tgt Ion: 50 Resp: 893

Ion Ratio Lower Upper

50 100

52 35.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

400

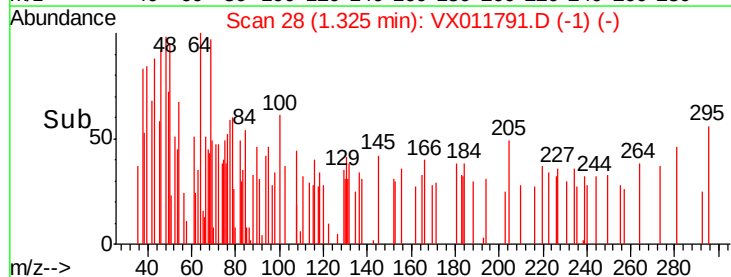
300

200

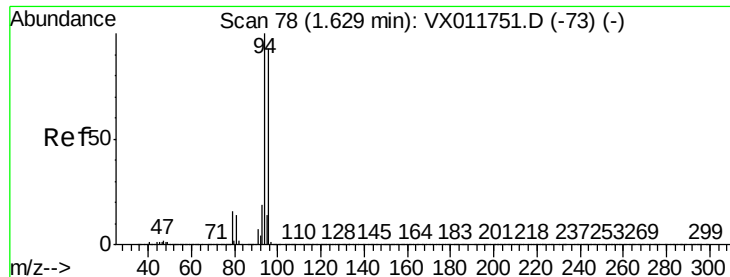
100

0

1.30 1.35



Time-->



#5

Bromomethane

Concen: 0.457 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

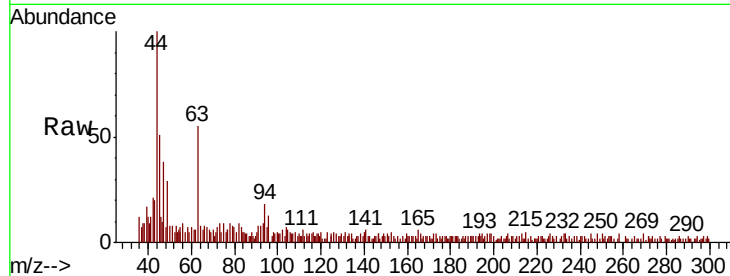
B-1

Tgt Ion: 94 Resp: 892

Ion Ratio Lower Upper

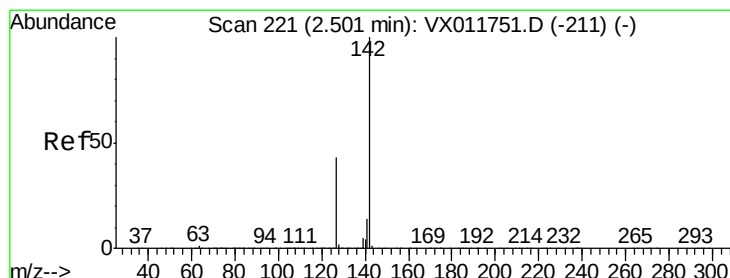
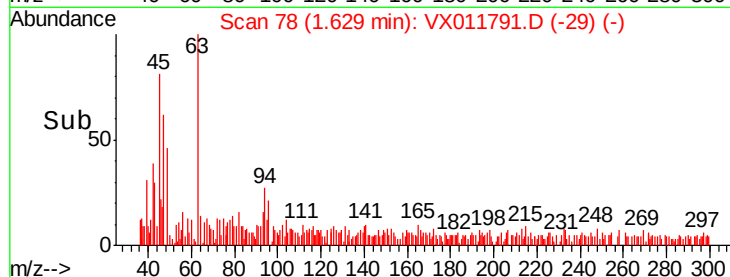
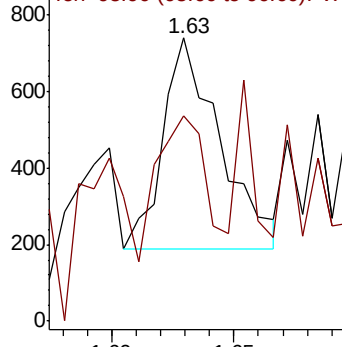
94 100

96 38.4 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.354 ug/l

RT: 2.47 min Scan# 216

Delta R.T. -0.03 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

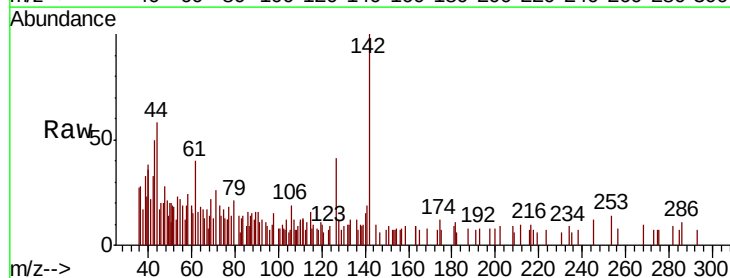
Tgt Ion: 142 Resp: 1508

Ion Ratio Lower Upper

142 100

127 66.1 33.5 50.3#

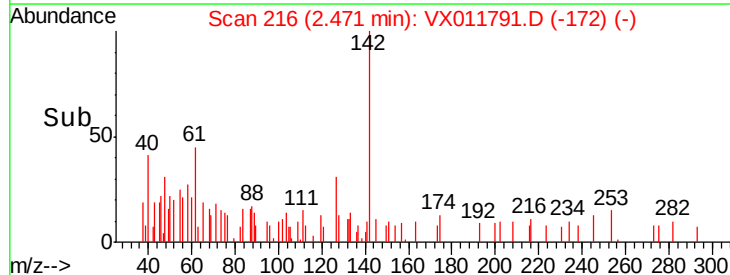
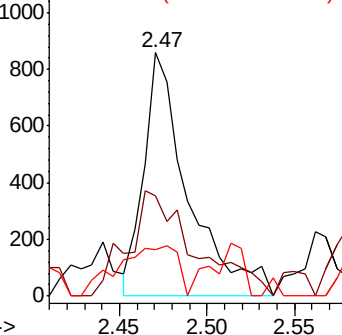
141 27.9 11.4 17.2#

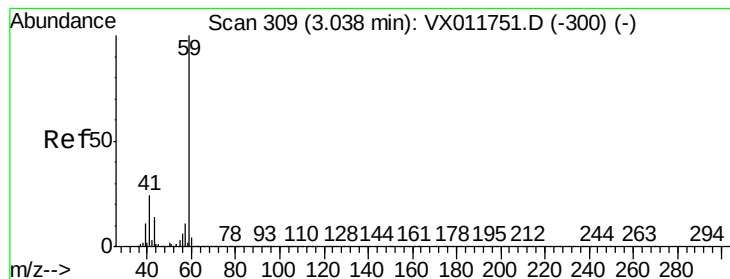


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



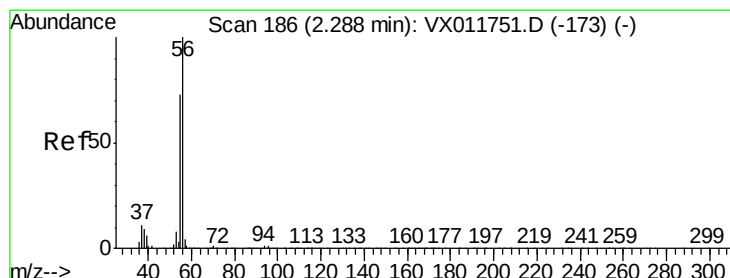
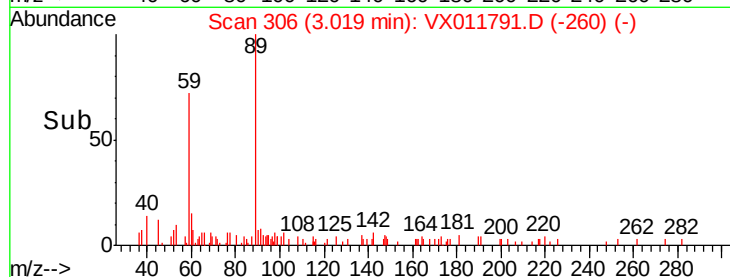
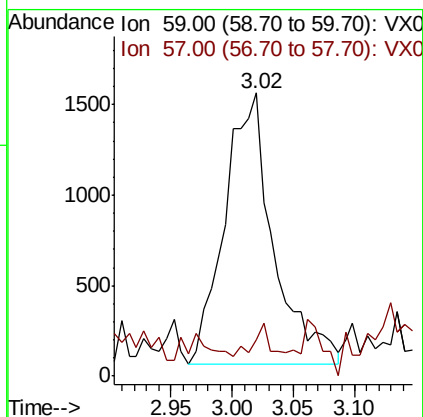
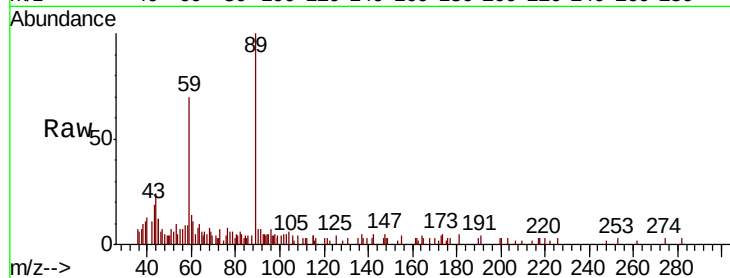


#11

Tert butyl alcohol
Concen: 4.797 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
B-1

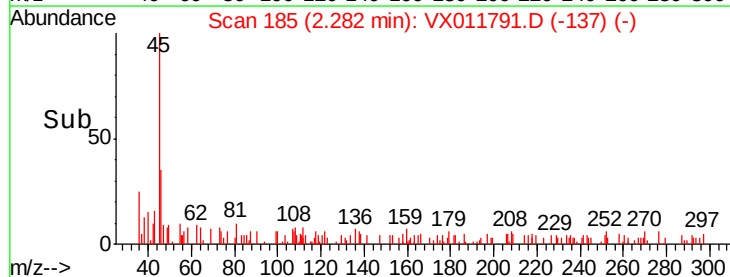
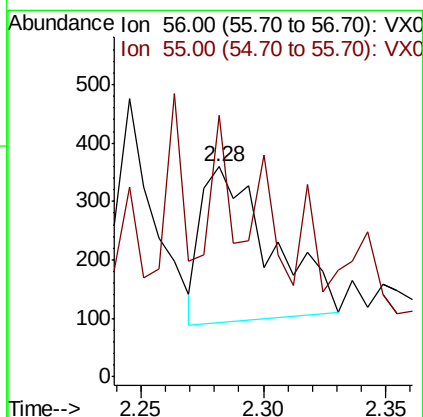
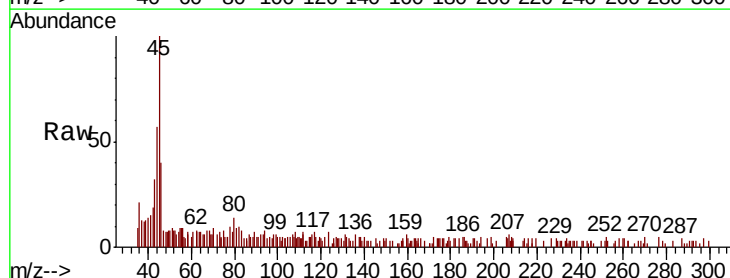
Tgt Ion: 59 Resp: 4122
Ion Ratio Lower Upper
59 100
57 4.8 8.4 12.6#

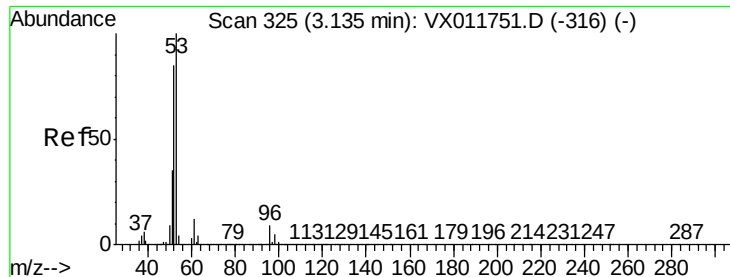


#13

Acrolein
Concen: 1.565 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion: 56 Resp: 520
Ion Ratio Lower Upper
56 100
55 19.8 54.8 82.2#





#15

Acrylonitrile

Concen: 0.251 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

B-1

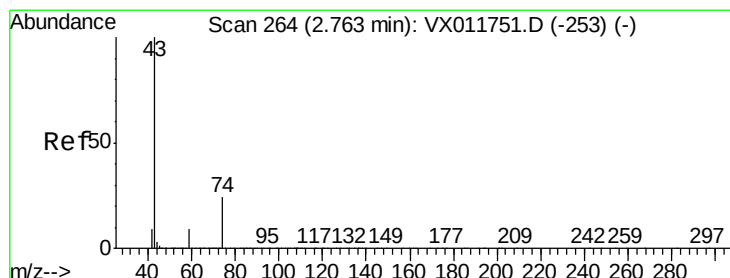
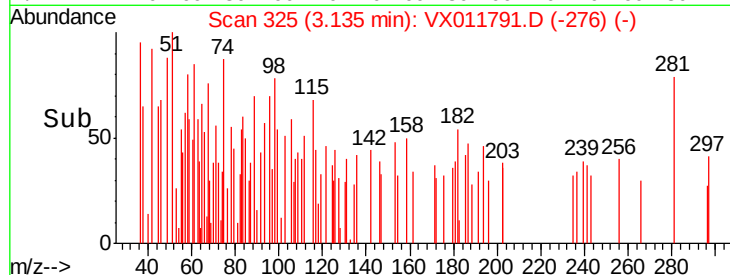
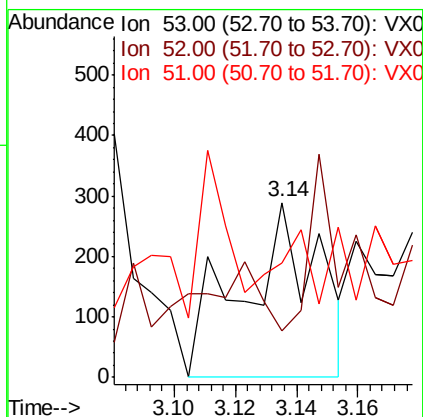
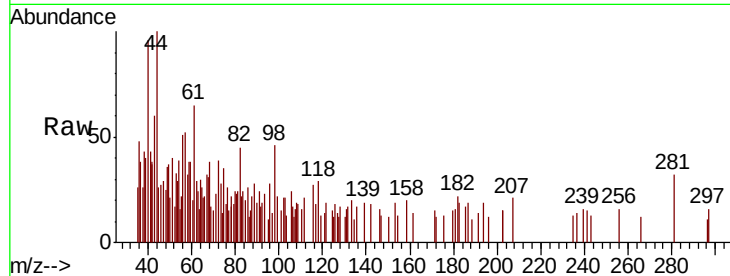
Tgt Ion: 53 Resp: 493

Ion Ratio Lower Upper

53 100

52 63.9 65.7 98.5#

51 14.6 28.6 43.0#



#18

Methyl Acetate

Concen: 0.735 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011791.D

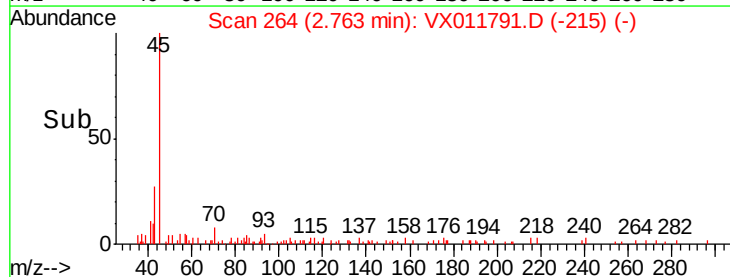
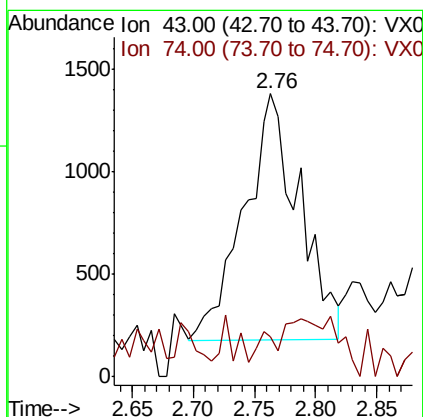
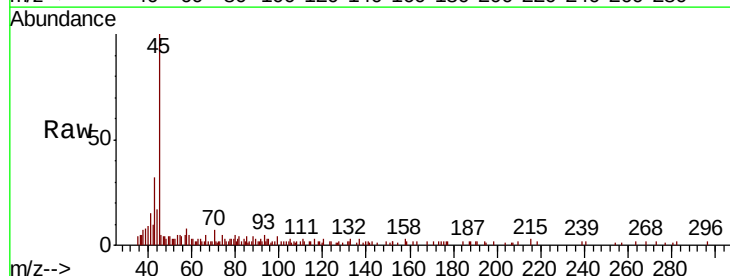
Acq: 23 Aug 2019 12:32

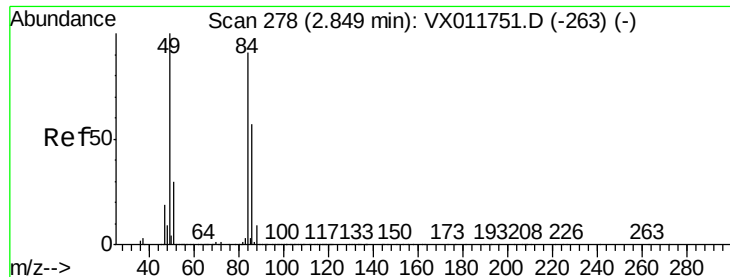
Tgt Ion: 43 Resp: 3771

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#

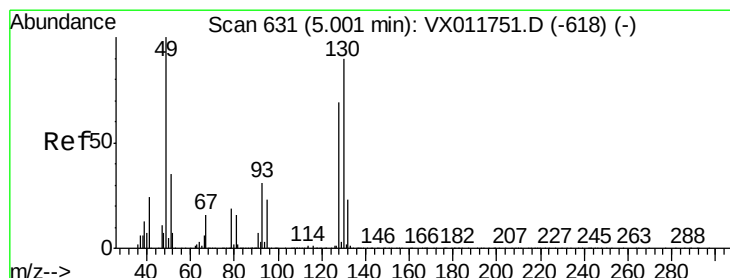
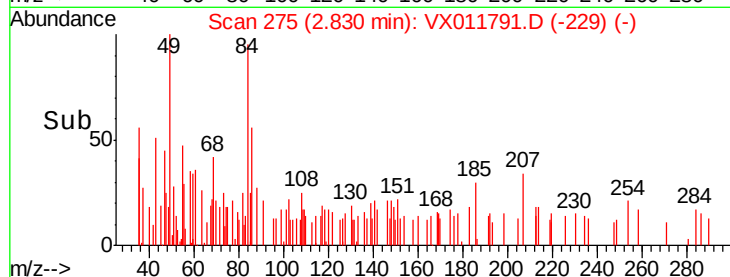
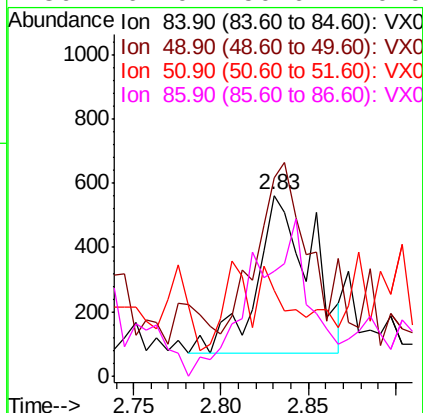
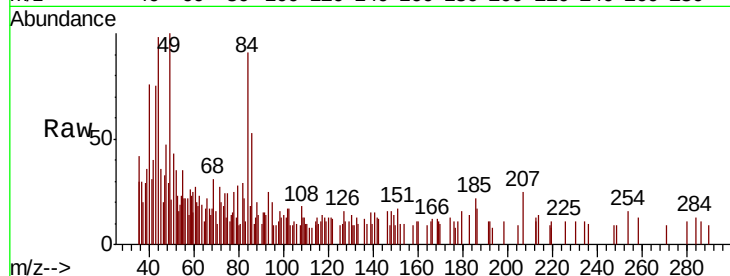




#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.83 min Scan# 275
Delta R.T. -0.02 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

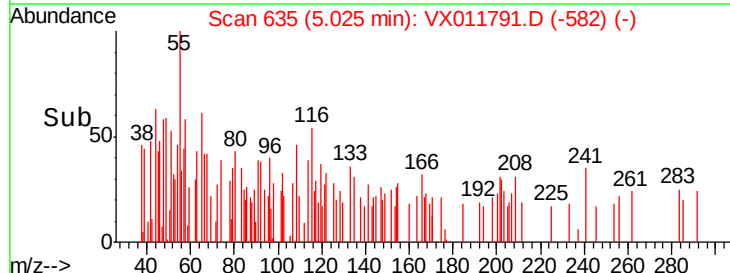
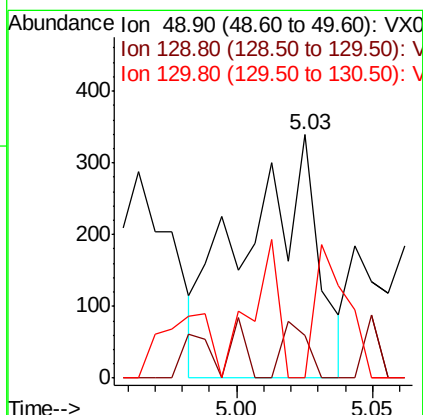
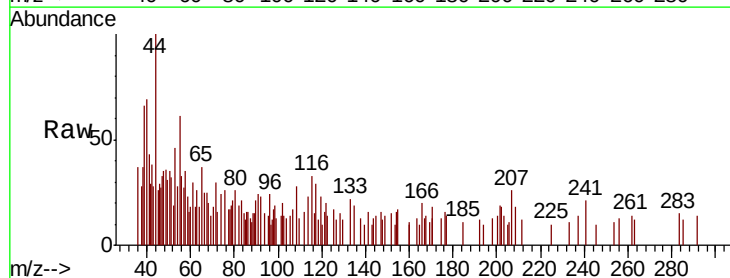
Instrument :
MSVOA_X
ClientSampled :
B-1

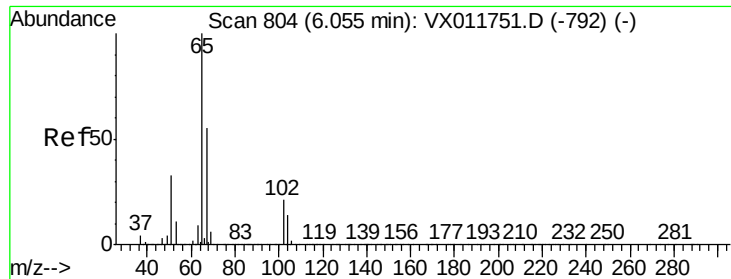
Tgt Ion:	84	Resp:	1072
Ion	Ratio	Lower	Upper
84	100		
49	80.7	88.3	132.5#
51	24.0	26.2	39.2#
86	67.0	50.6	76.0



#28
Bromochloromethane
Concen: 0.230 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.02 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion:	49	Resp:	636
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.8
130	23.6	76.8	115.2#

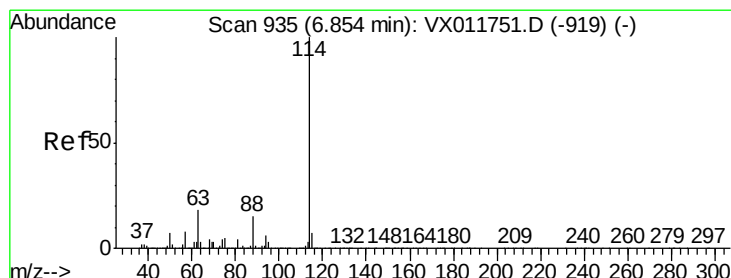
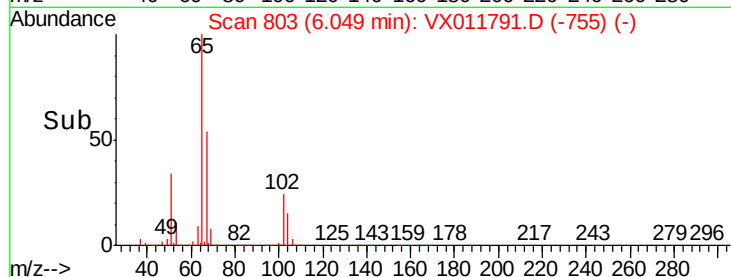
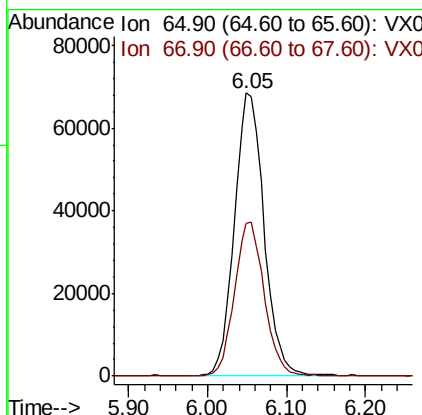
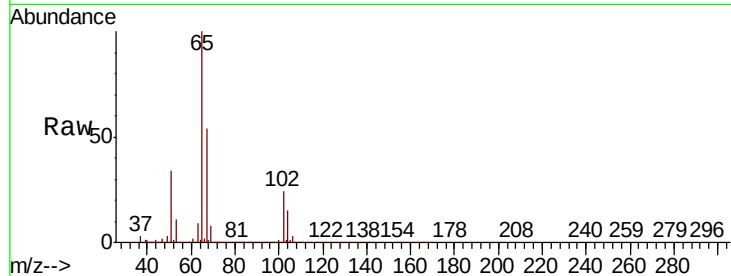




#33
 1,2-Dichloroethane-d4
 Concen: 41.223 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011791.D
 Acq: 23 Aug 2019 12:32

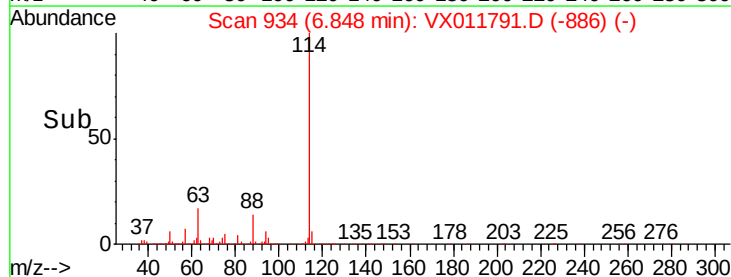
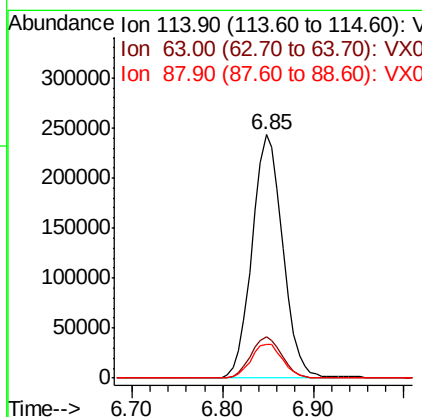
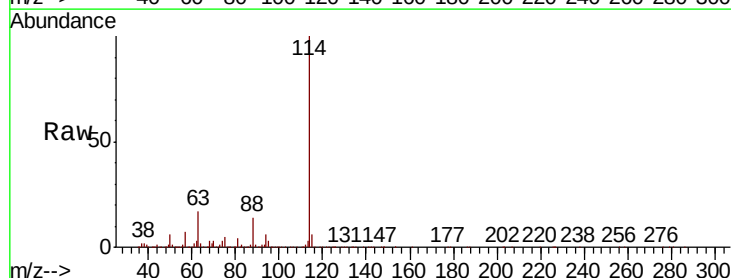
Instrument :
 MSVOA_X
 ClientSampleId :
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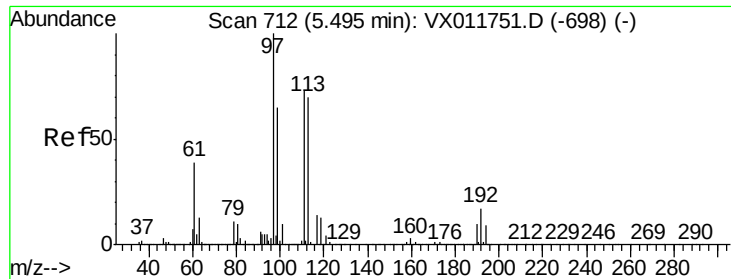
Tgt Ion: 65 Resp: 179273
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011791.D
 Acq: 23 Aug 2019 12:32

Tgt Ion: 114 Resp: 569718
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.8
 88 13.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 43.861 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

B-1

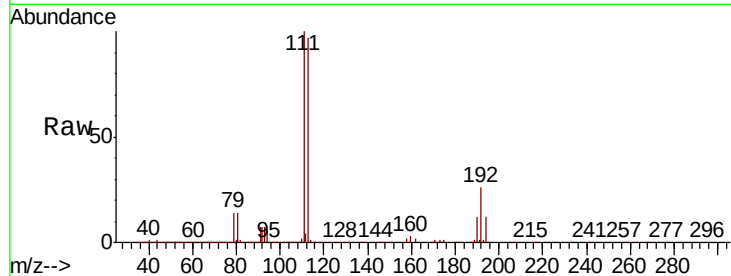
Tgt Ion:113 Resp: 161584

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

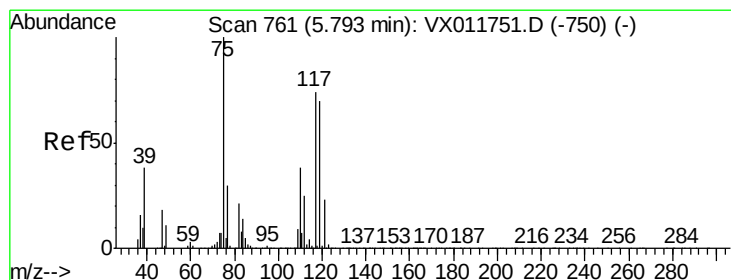
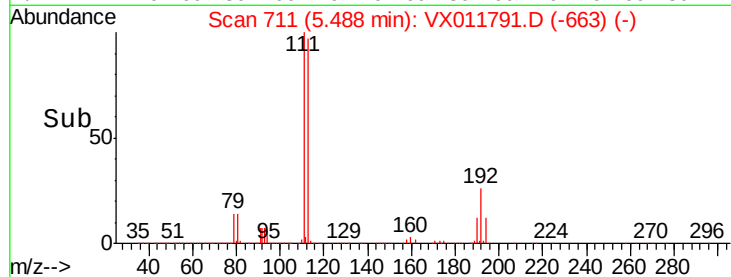
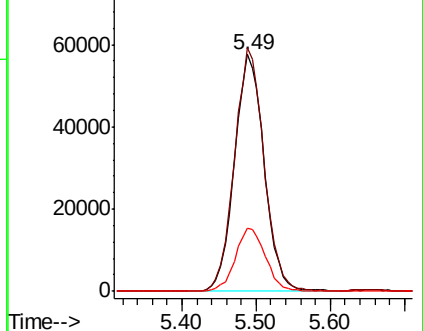
192 26.9 19.9 29.9



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: 5.144 ug/l

RT: 5.64 min Scan# 736

Delta R.T. -0.15 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

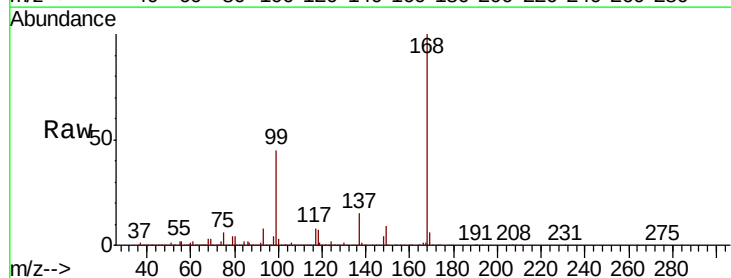
Tgt Ion: 75 Resp: 22980

Ion Ratio Lower Upper

75 100

110 11.0 19.0 57.0#

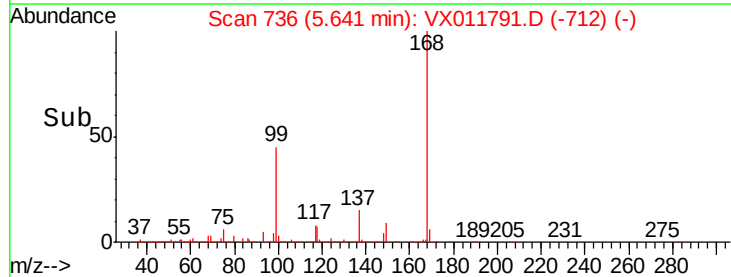
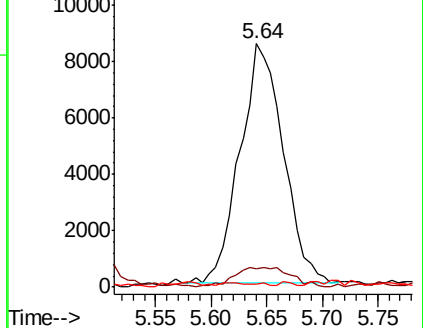
77 0.0 24.6 36.8#

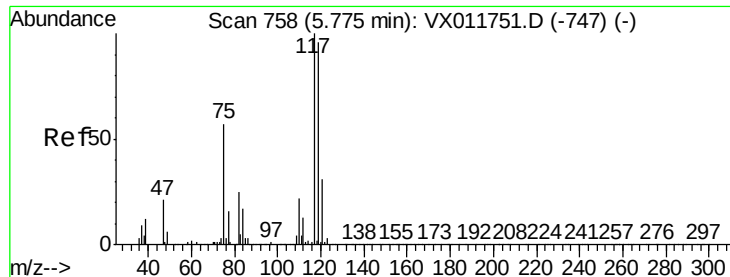


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.960 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

B-1

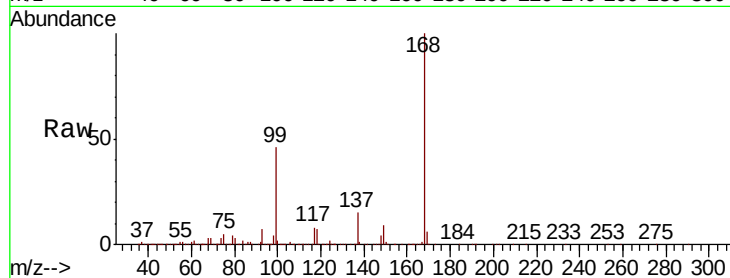
Tgt Ion:117 Resp: 35237

Ion Ratio Lower Upper

117 100

119 5.3 76.6 114.8#

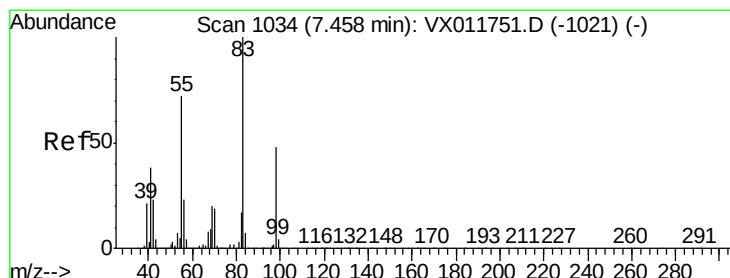
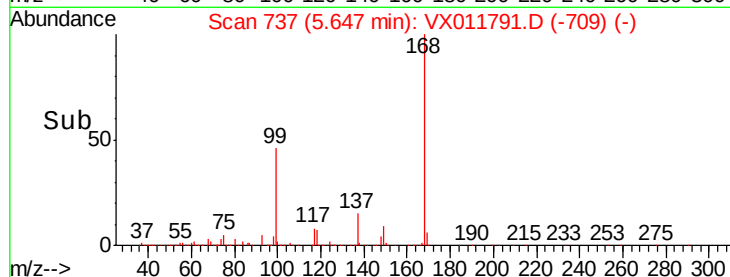
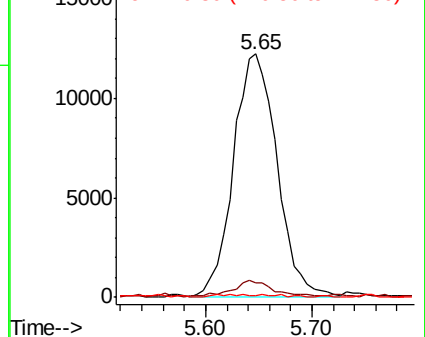
121 0.5 25.2 37.8#



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

Methylcyclohexane

Concen: 1.164 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

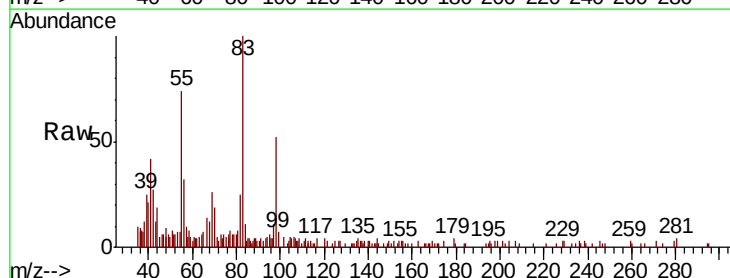
Tgt Ion: 83 Resp: 6443

Ion Ratio Lower Upper

83 100

55 68.2 57.8 86.6

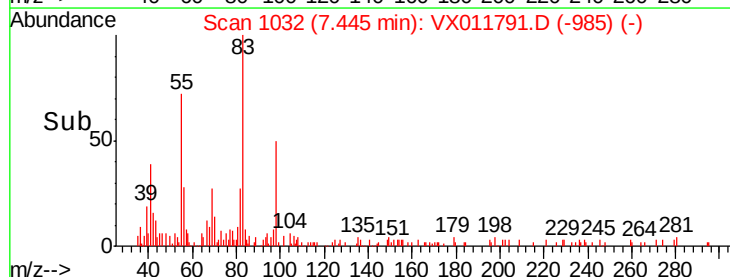
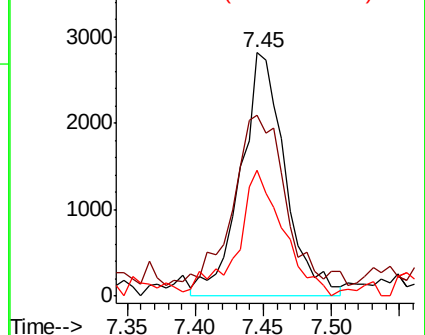
98 51.4 38.6 58.0

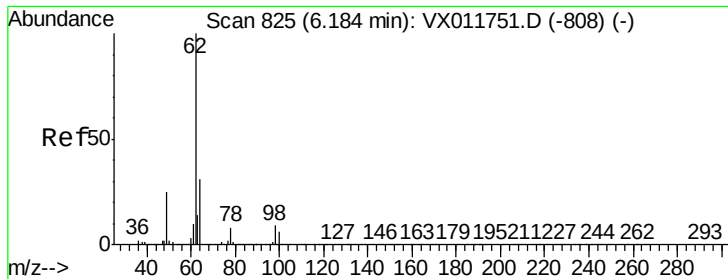


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.201 ug/l

RT: 6.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

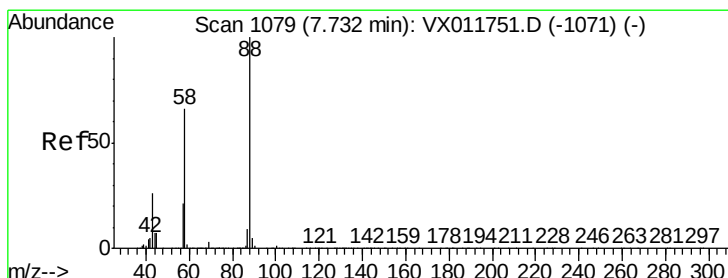
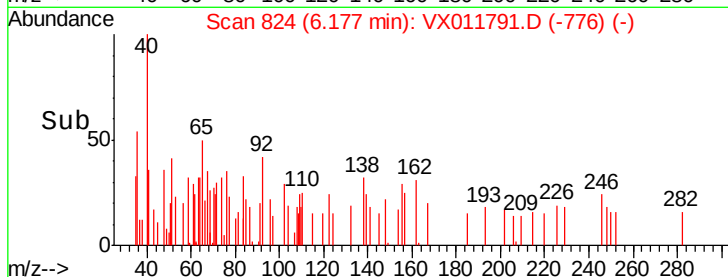
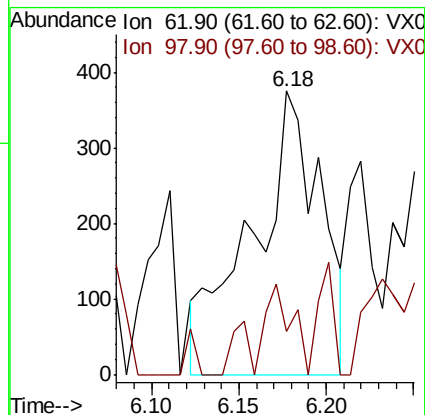
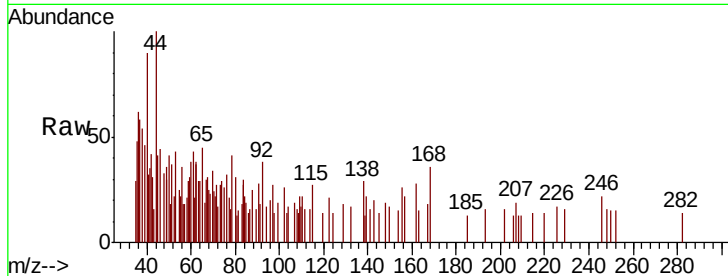
B-1

Tgt Ion: 62 Resp: 1016

Ion Ratio Lower Upper

62 100

98 12.3 0.0 18.8



#49

1,4-Dioxane

Concen: 1.024 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

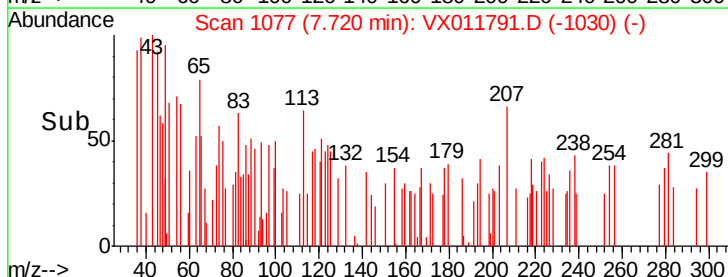
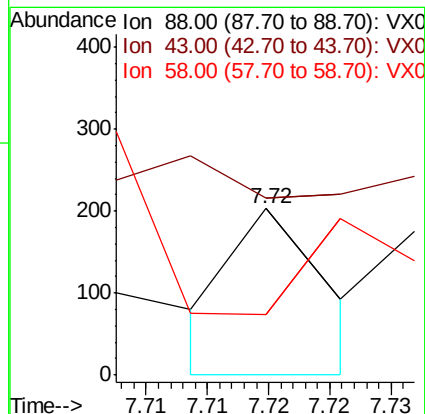
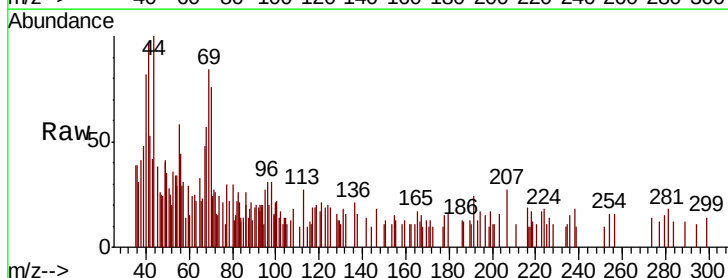
Tgt Ion: 88 Resp: 108

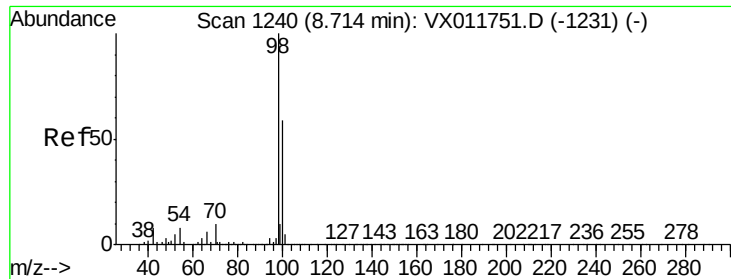
Ion Ratio Lower Upper

88 100

43 205.6 24.6 37.0#

58 0.0 51.4 77.2#

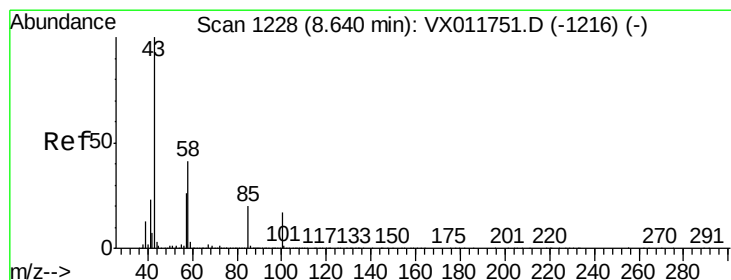
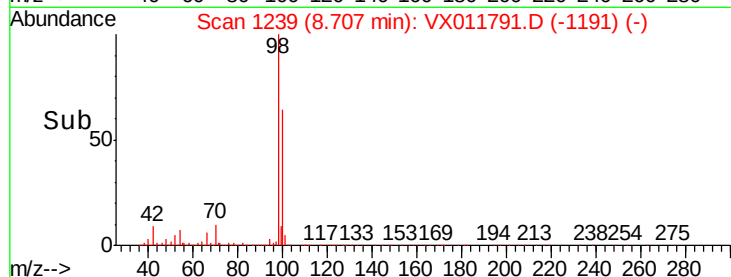
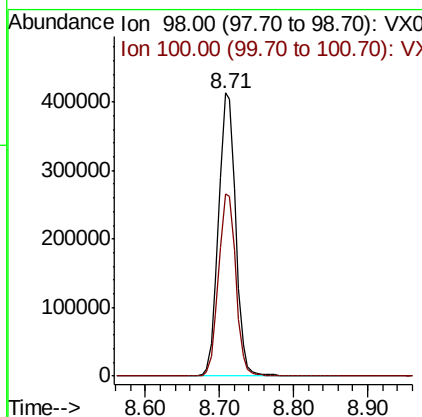
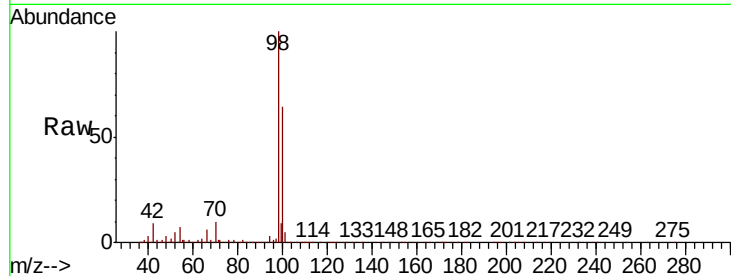




#50
Toluene-d8
Concen: 50.991 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

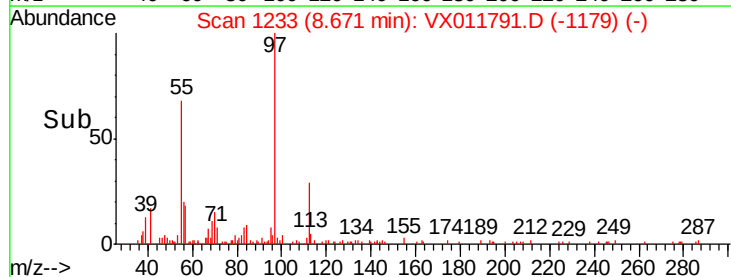
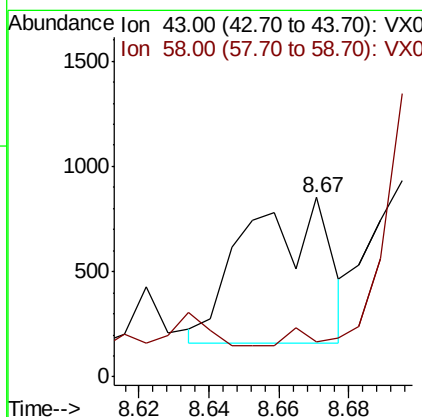
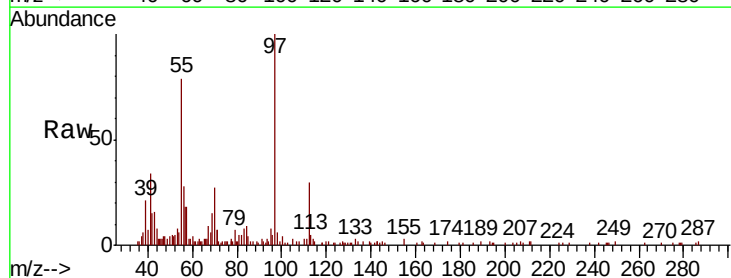
Instrument :
MSVOA_X
ClientSampleId :
B-1

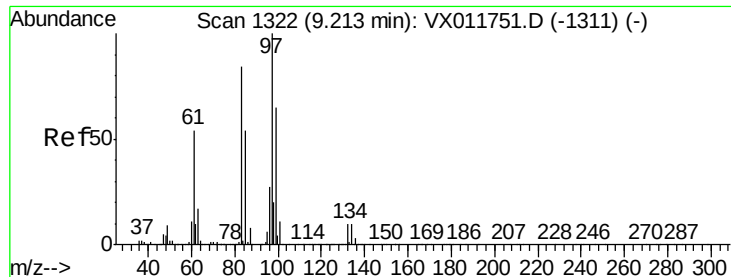
Tgt Ion: 98 Resp: 655234
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.227 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#





#55

1,1,2-Trichloroethane

Concen: 1.866 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

B-1

Tgt Ion: 97 Resp: 6954

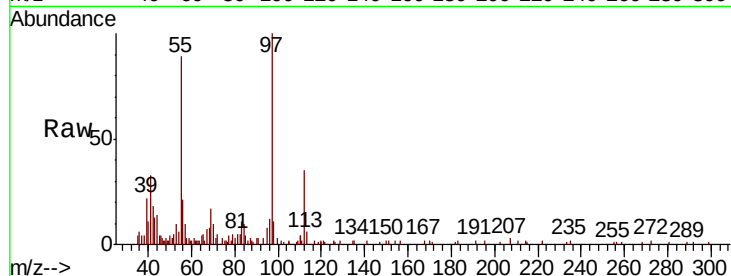
Ion Ratio Lower Upper

97 100

83 9.0 67.3 100.9#

85 0.9 43.4 65.2#

99 0.0 51.8 77.6#



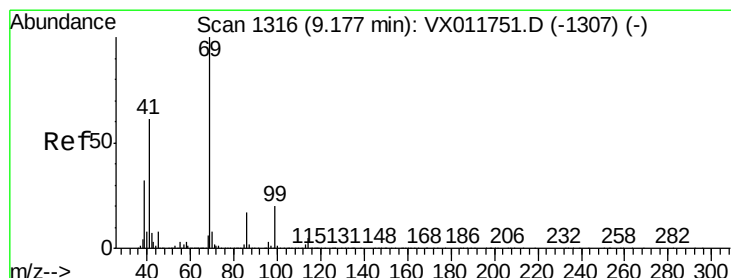
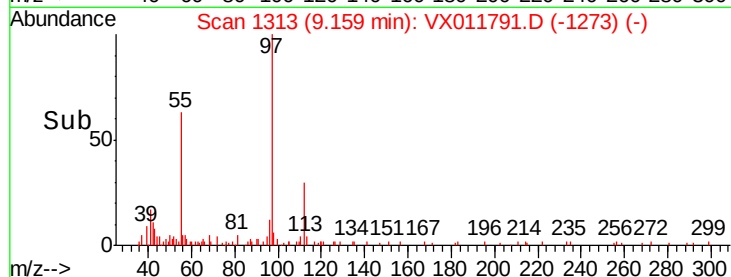
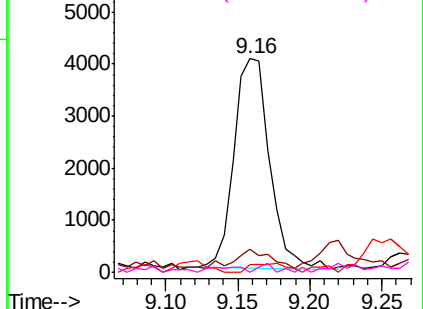
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.356 ug/l

RT: 9.15 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

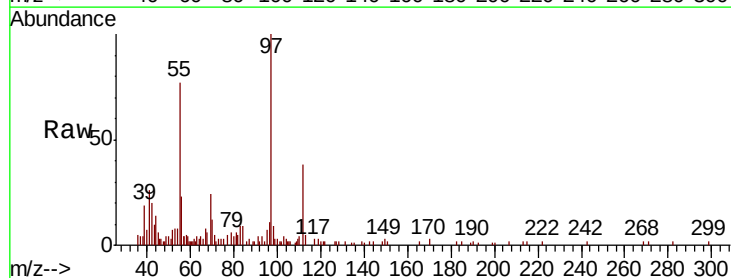
Tgt Ion: 69 Resp: 1888

Ion Ratio Lower Upper

69 100

41 102.1 50.7 76.1#

39 73.4 26.4 39.6#

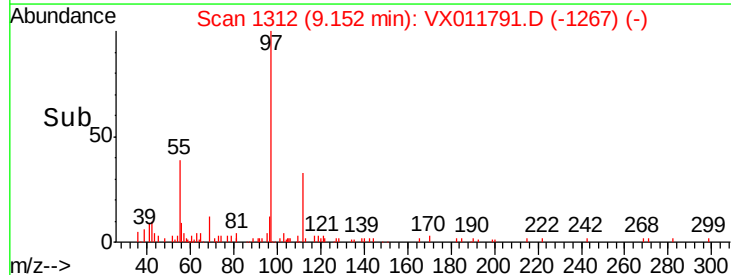
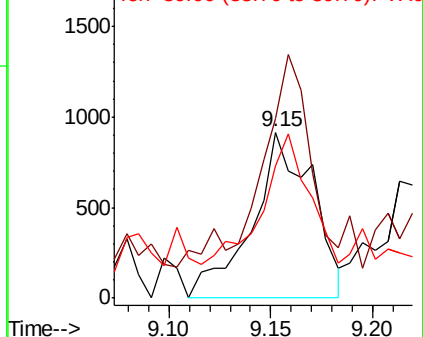


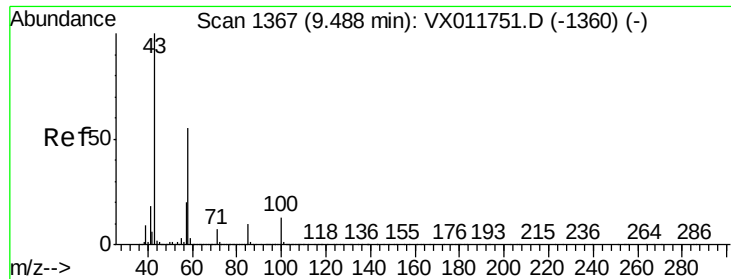
Abundance

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

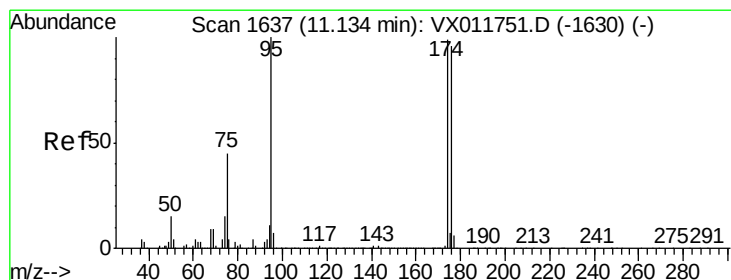
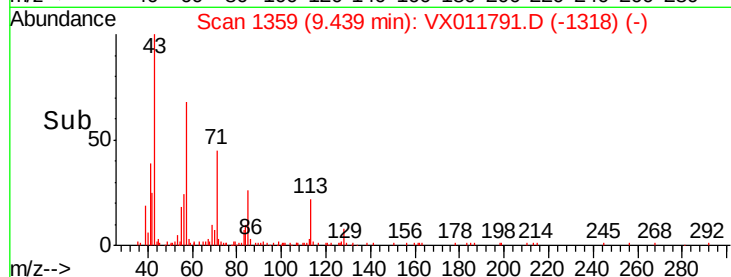
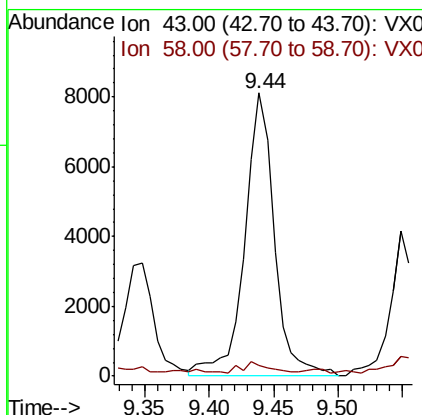
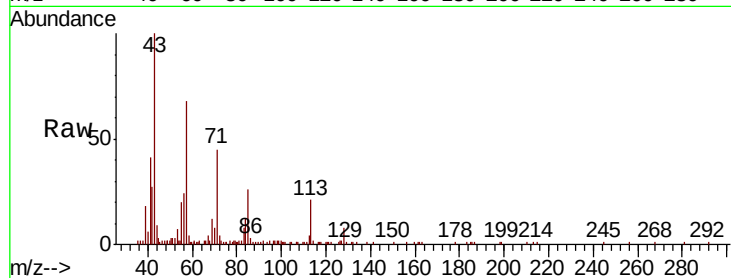




#59
2-Hexanone
Concen: 3.330 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

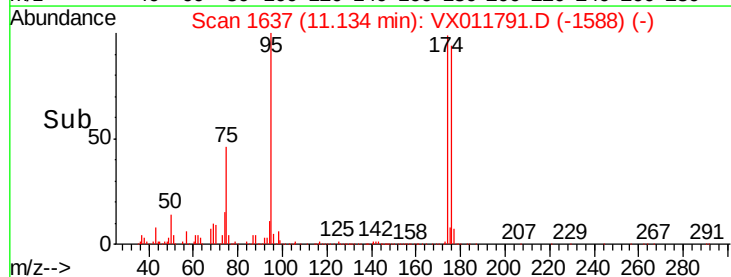
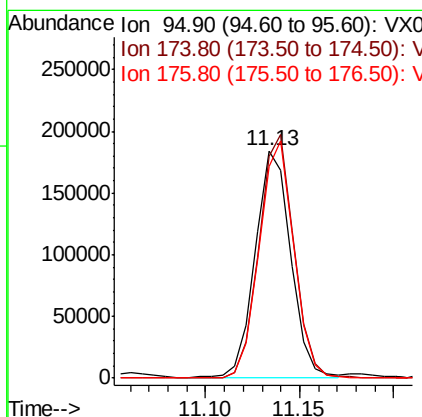
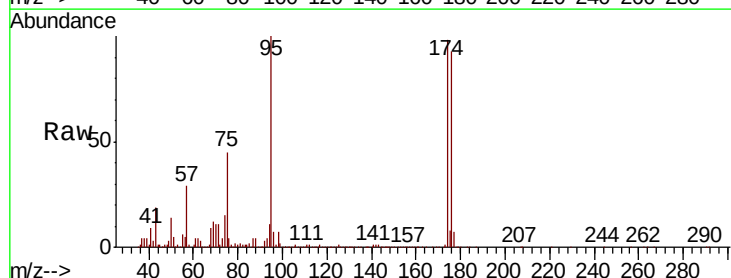
Instrument :
MSVOA_X
ClientSampleId :
B-1

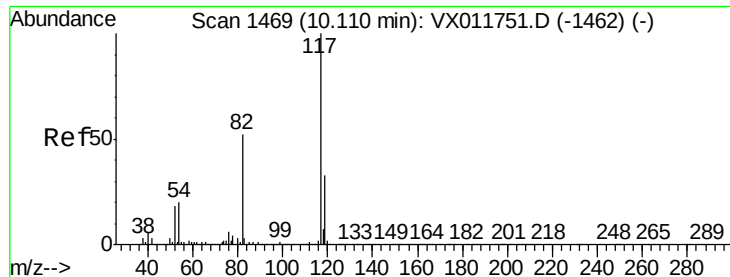
Tgt Ion: 43 Resp: 12887
Ion Ratio Lower Upper
43 100
58 2.9 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion: 95 Resp: 239736
Ion Ratio Lower Upper
95 100
174 105.5 0.0 197.4
176 102.2 0.0 194.4

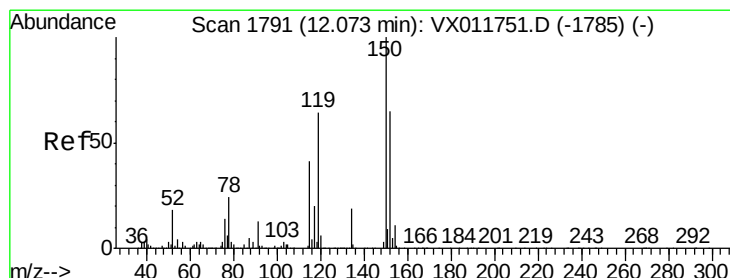
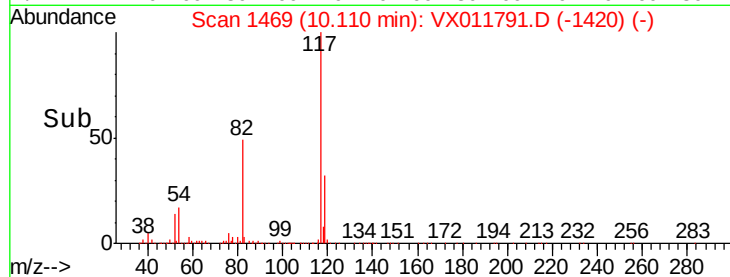
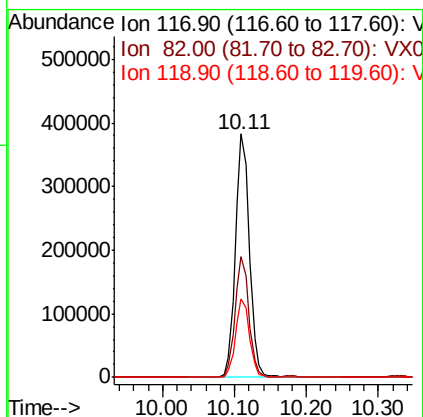
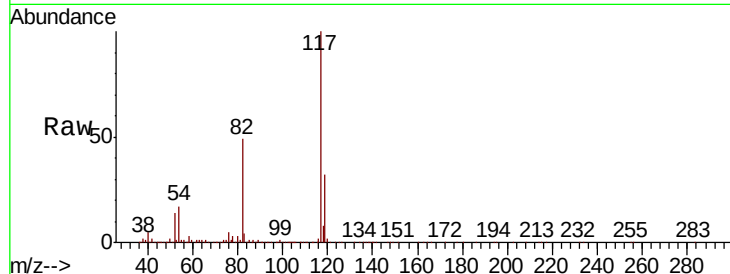




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

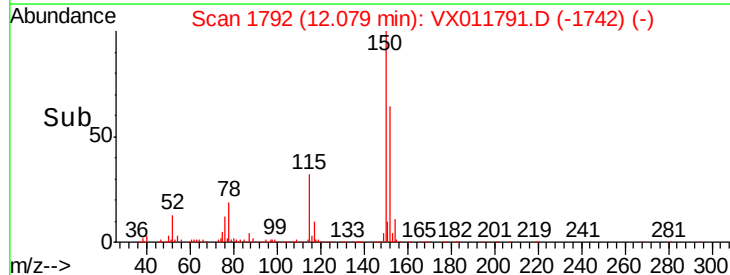
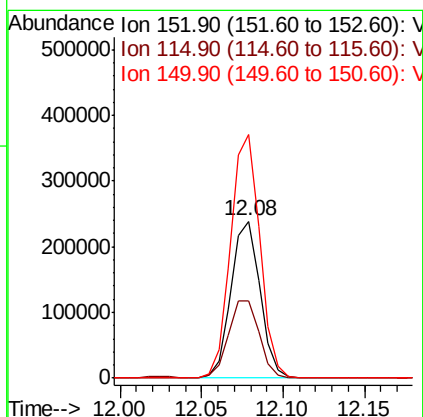
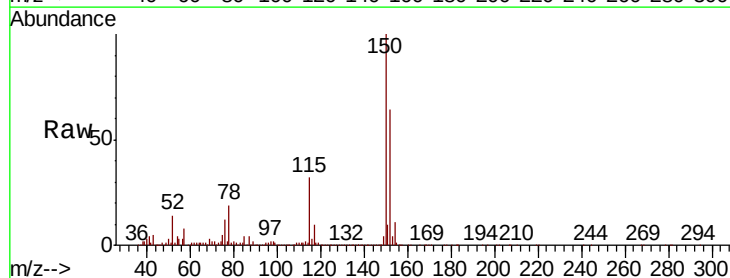
Instrument :
MSVOA_X
ClientSampled :
B-1

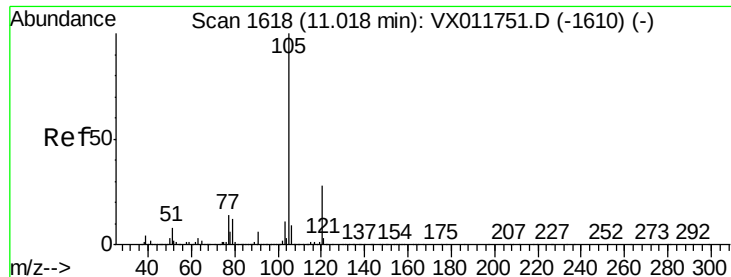
Tgt Ion:117 Resp: 521768
Ion Ratio Lower Upper
117 100
82 49.3 41.7 62.5
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion:152 Resp: 295035
Ion Ratio Lower Upper
152 100
115 52.6 37.3 111.8
150 156.2 0.0 343.0





#73

Isopropylbenzene

Concen: 1.047 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

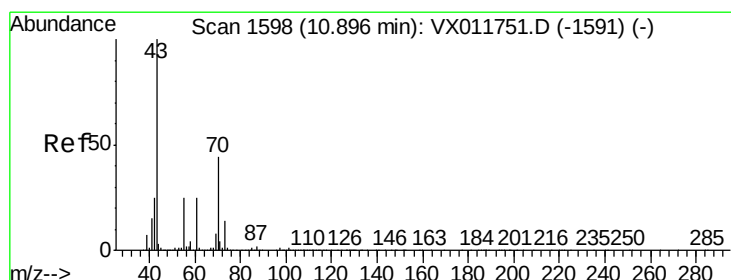
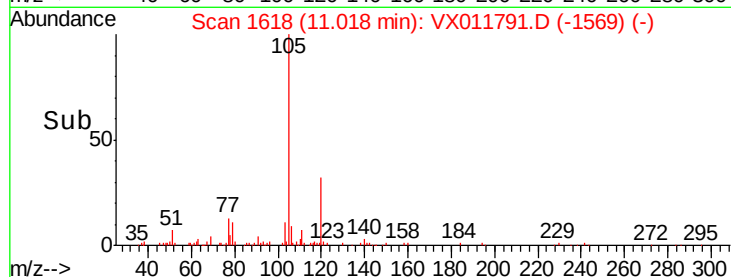
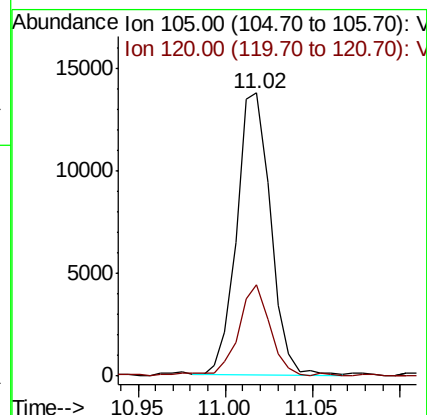
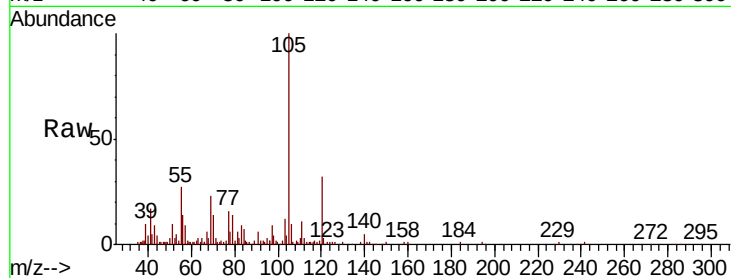
B-1

Tgt Ion: 105 Resp: 18609

Ion Ratio Lower Upper

105 100

120 29.3 13.9 41.7



#74

N-amyl acetate

Concen: 2.560 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Tgt Ion: 43 Resp: 17623

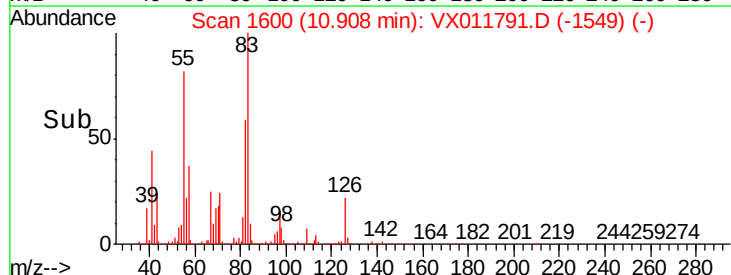
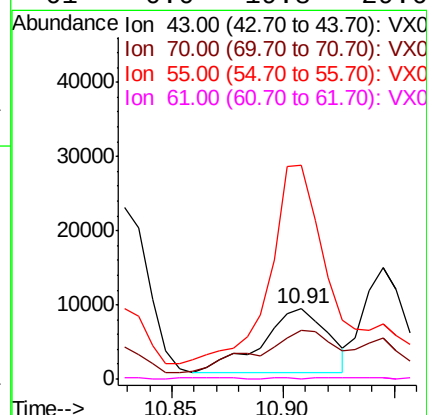
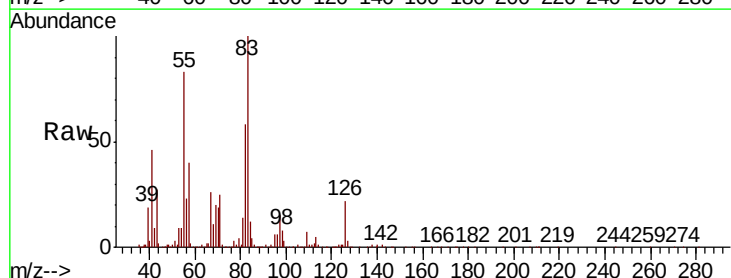
Ion Ratio Lower Upper

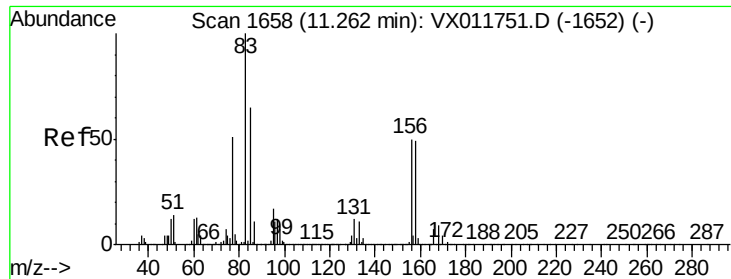
43 100

70 74.0 34.8 52.2#

55 298.0 19.5 29.3#

61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.513 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

B-1

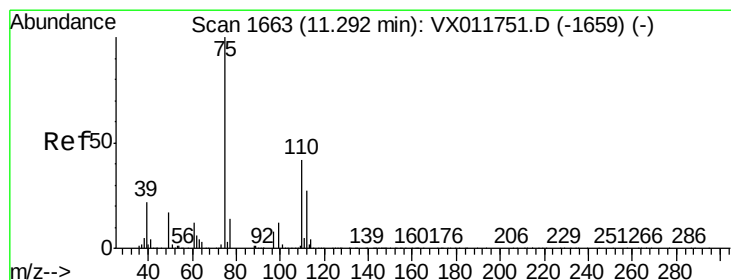
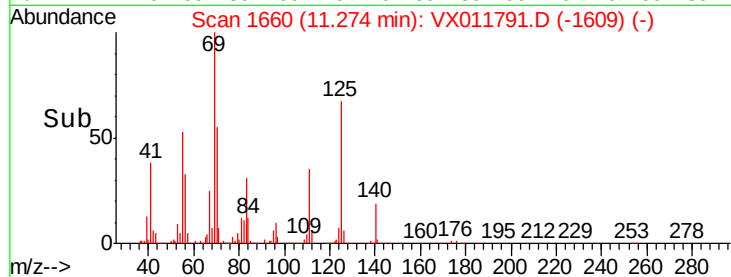
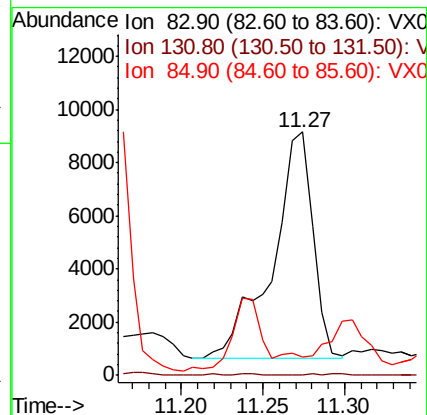
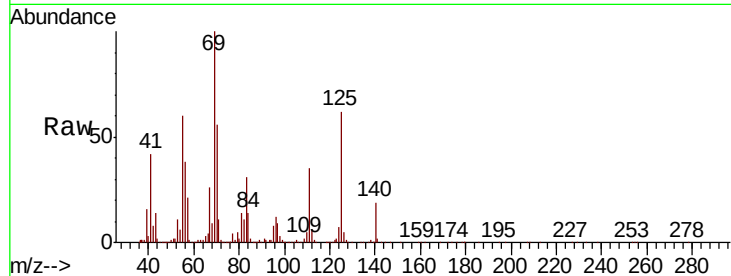
Tgt Ion: 83 Resp: 14787

Ion Ratio Lower Upper

83 100

131 0.0 6.1 18.3#

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 20.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011791.D

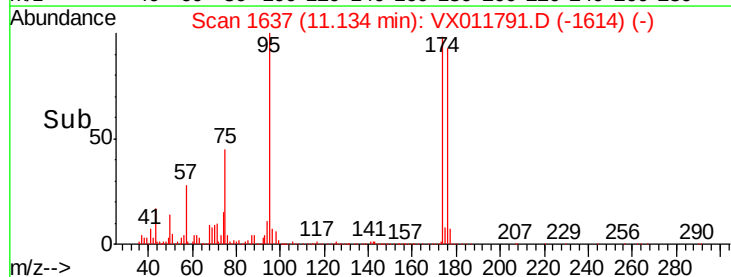
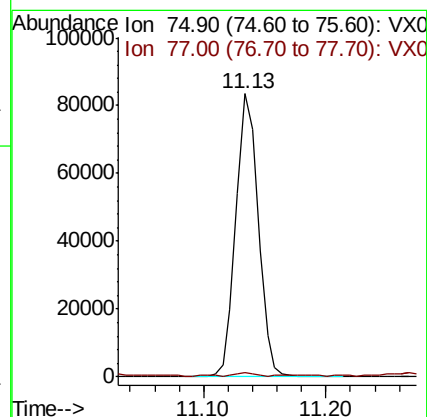
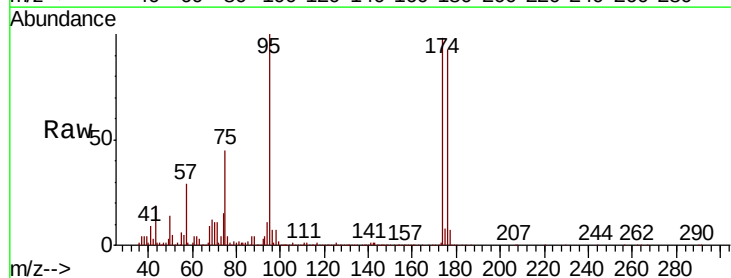
Acq: 23 Aug 2019 12:32

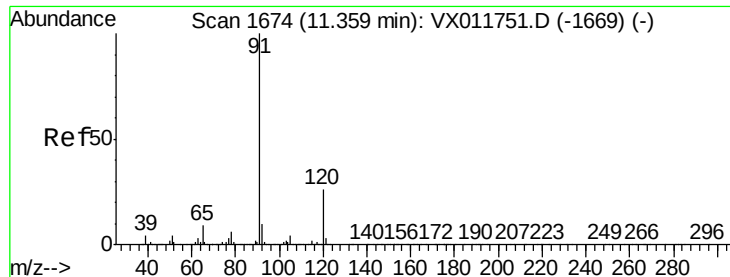
Tgt Ion: 75 Resp: 105991

Ion Ratio Lower Upper

75 100

77 1.2 21.1 63.3#





#78

n-propylbenzene

Concen: 1.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

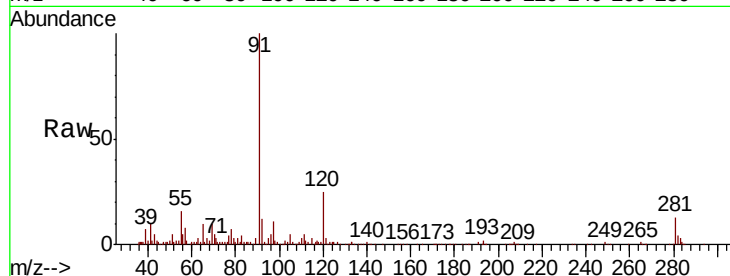
B-1

Tgt Ion: 91 Resp: 33408

Ion Ratio Lower Upper

91 100

120 25.7 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

15000

10000

5000

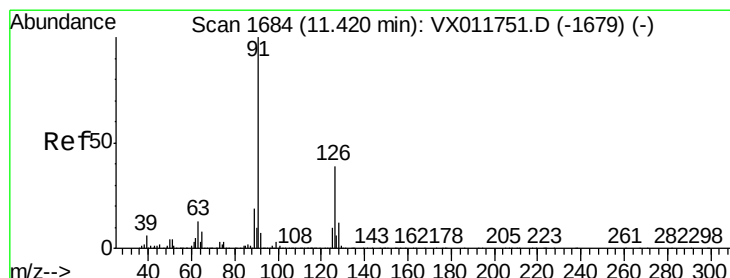
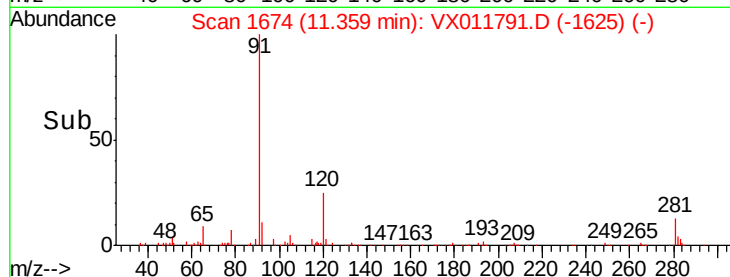
0

11.30

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 0.297 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.24 min

Lab File: VX011791.D

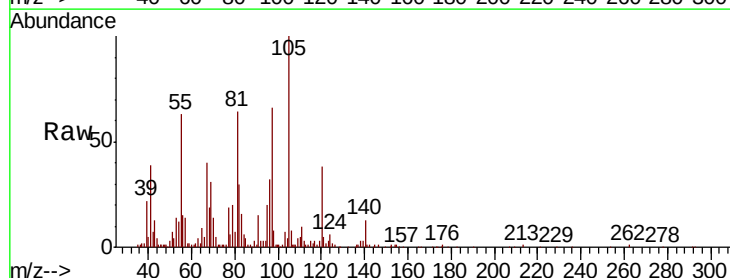
Acq: 23 Aug 2019 12:32

Tgt Ion: 91 Resp: 3510

Ion Ratio Lower Upper

91 100

126 29.7 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

2500

2000

1500

1000

500

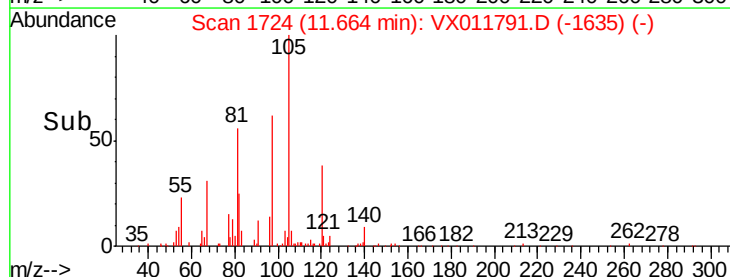
0

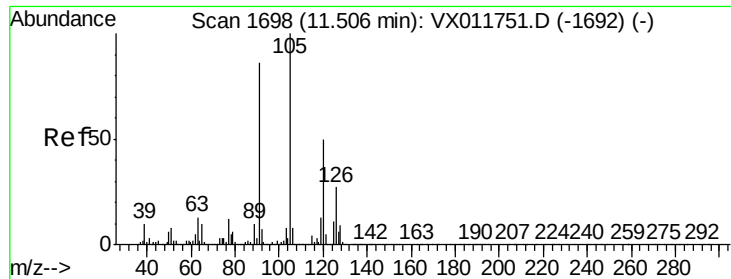
11.60

11.65

11.70

Time-->

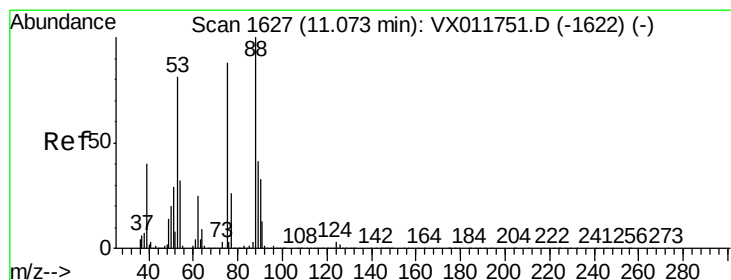
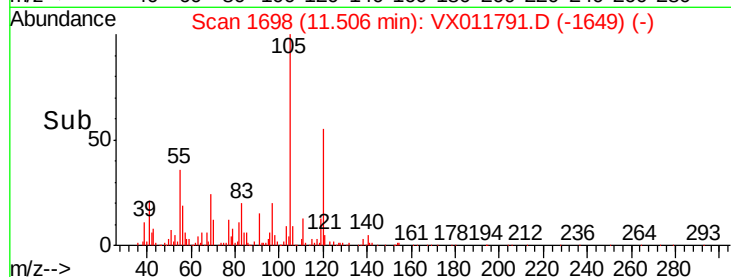
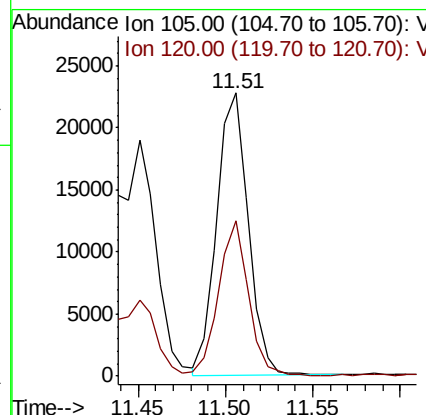
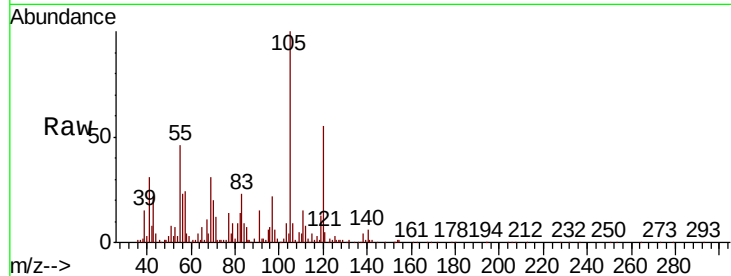




#80
 1,3,5-Trimethylbenzene
 Concen: 1.916 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011791.D
 Acq: 23 Aug 2019 12:32

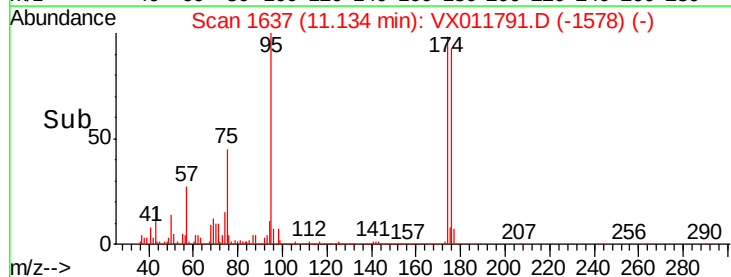
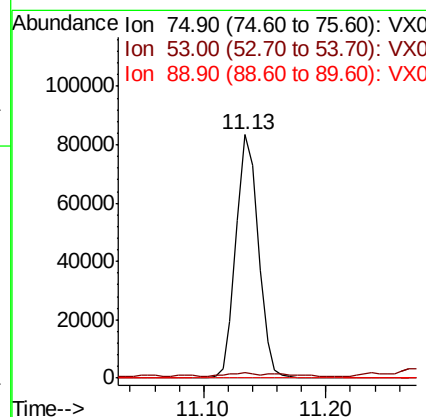
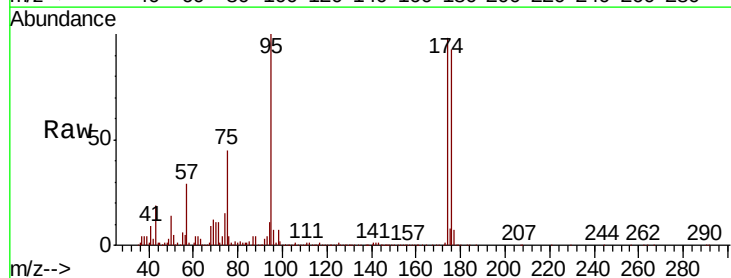
Instrument :
 MSVOA_X
 ClientSampled :
 B-1

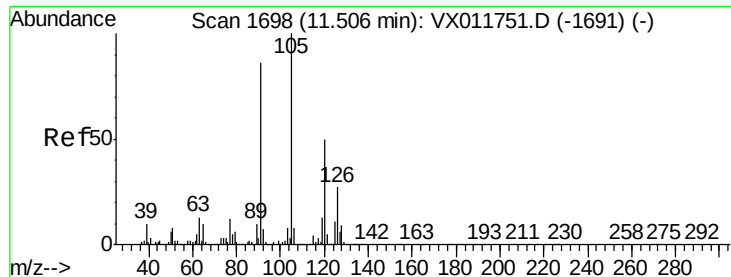
Tgt Ion: 105 Resp: 28421
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.744 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011791.D
 Acq: 23 Aug 2019 12:32

Tgt Ion: 75 Resp: 105991
 Ion Ratio Lower Upper
 75 100
 53 1.9 77.1 115.7#
 89 0.2 38.5 57.7#





#82

4-Chlorotoluene

Concen: 0.265 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

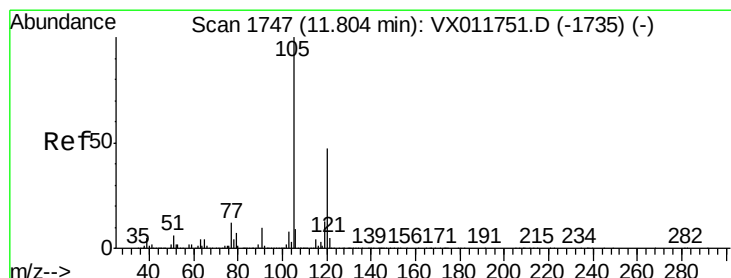
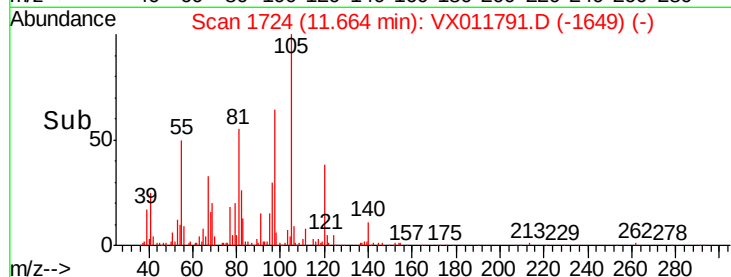
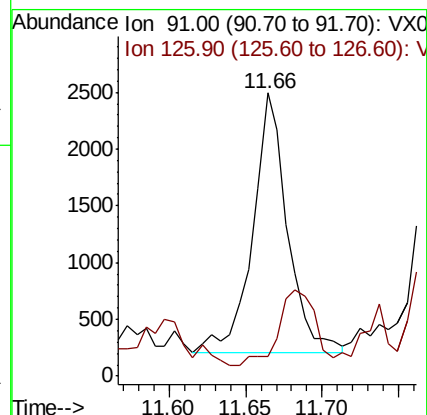
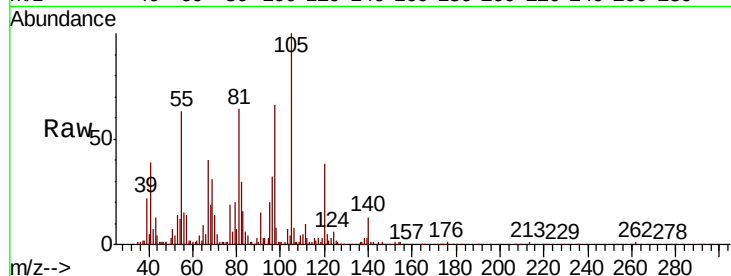
B-1

Tgt Ion: 91 Resp: 3609

Ion Ratio Lower Upper

91 100

126 31.0 16.2 48.6



#84

1,2,4-Trimethylbenzene

Concen: 5.934 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011791.D

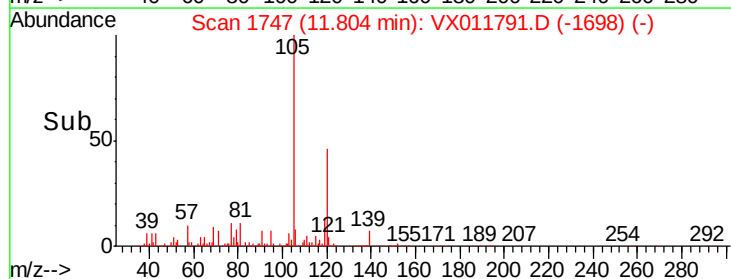
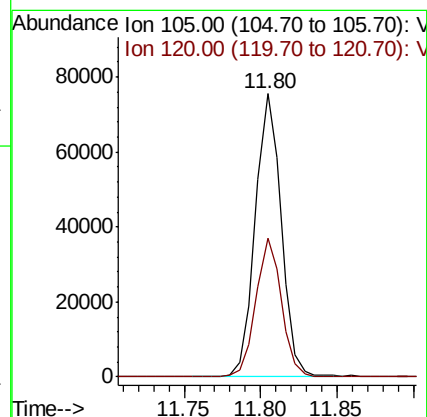
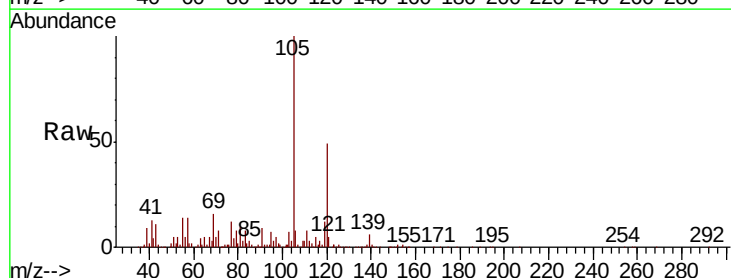
Acq: 23 Aug 2019 12:32

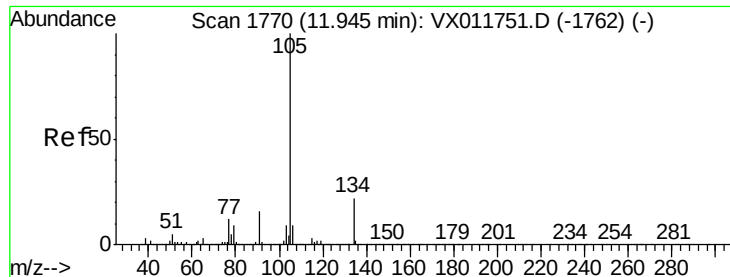
Tgt Ion: 105 Resp: 88901

Ion Ratio Lower Upper

105 100

120 48.7 23.7 71.1





#85

sec-Butylbenzene

Concen: 4.678 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

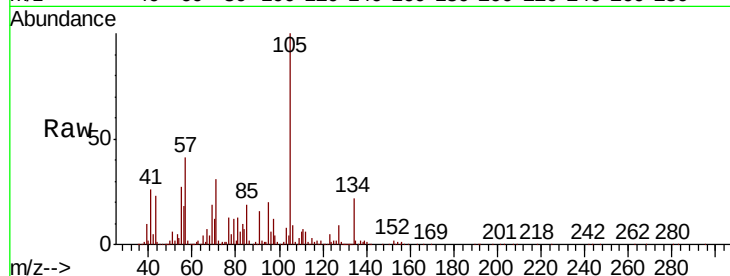
B-1

Tgt Ion:105 Resp: 78321

Ion Ratio Lower Upper

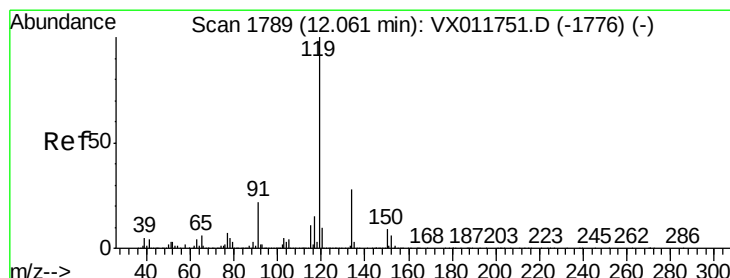
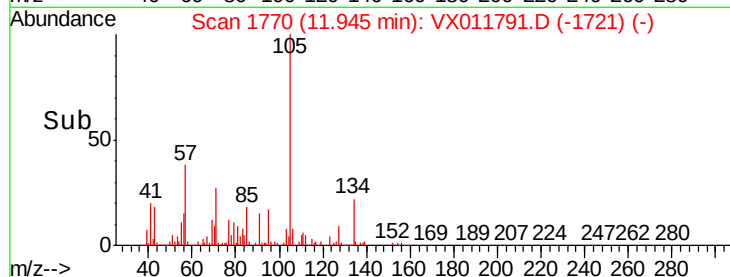
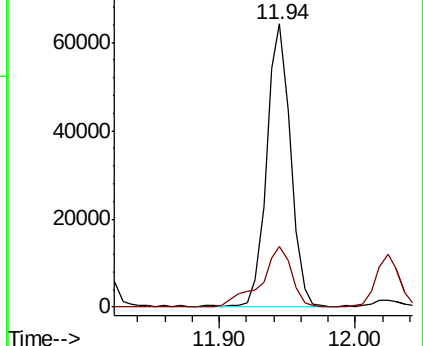
105 100

134 28.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.995 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

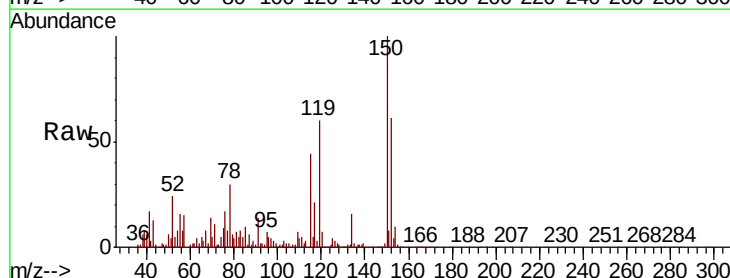
Tgt Ion:119 Resp: 32133

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

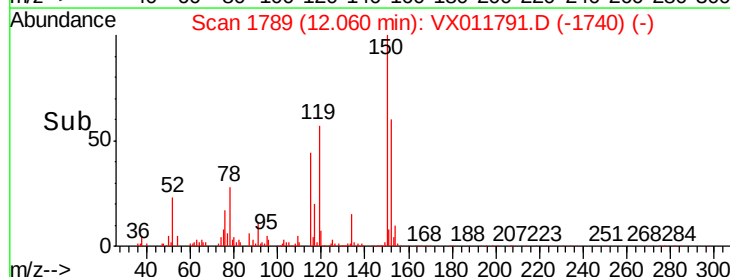
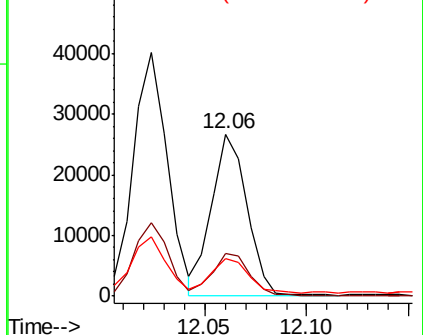
91 23.0 11.1 33.3

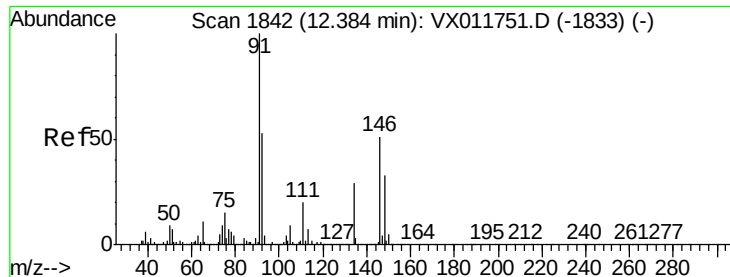


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

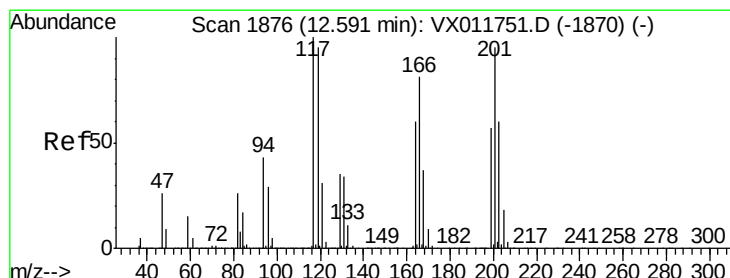
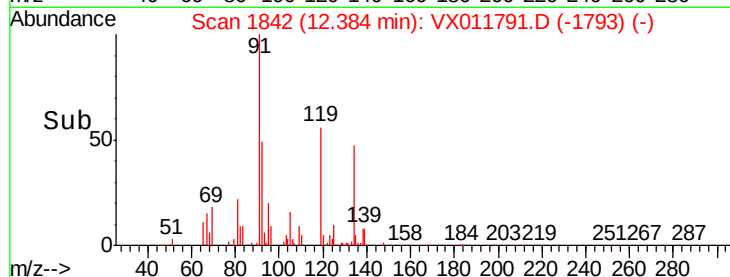
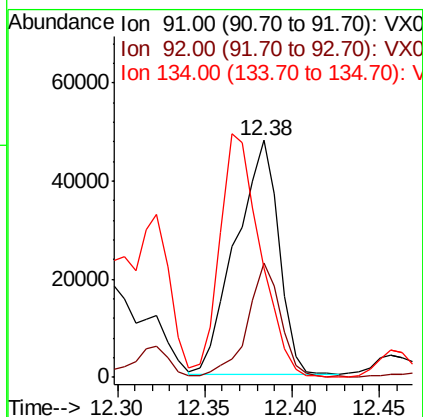
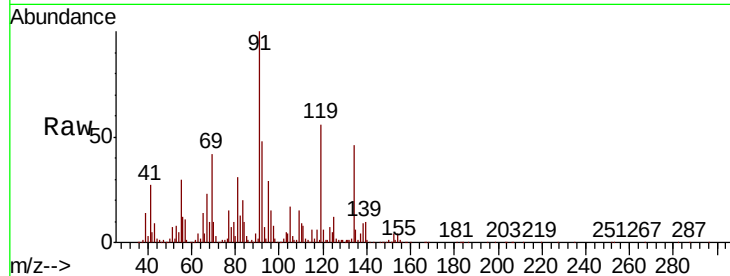




#89
n-Butylbenzene
Concen: 6.068 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

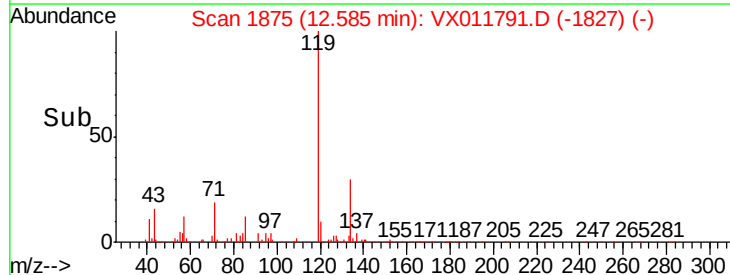
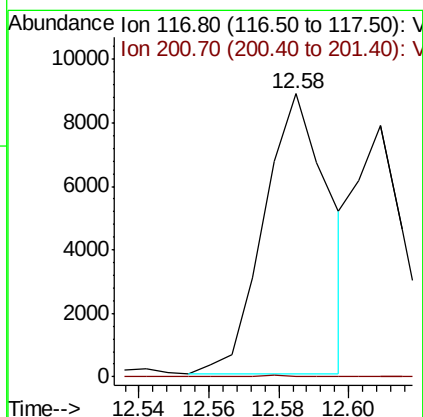
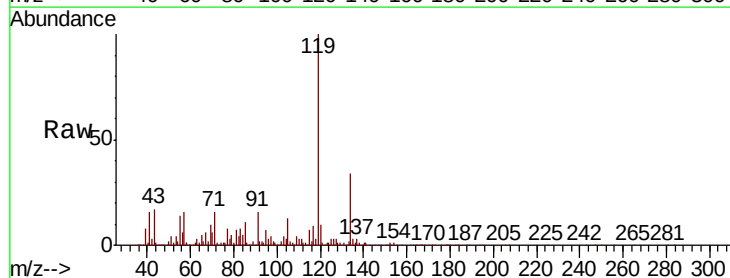
Instrument :
MSVOA_X
ClientSampled :
B-1

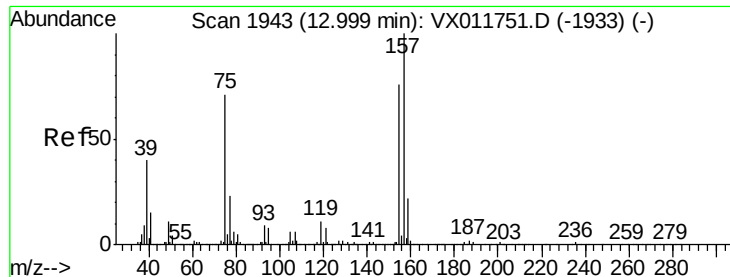
Tgt Ion: 91 Resp: 80916
Ion Ratio Lower Upper
91 100
92 37.2 26.7 80.0
134 98.5 14.6 43.8#



#90
Hexachloroethane
Concen: 4.560 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion: 117 Resp: 11412
Ion Ratio Lower Upper
117 100
201 0.2 49.6 149.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.980 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

B-1

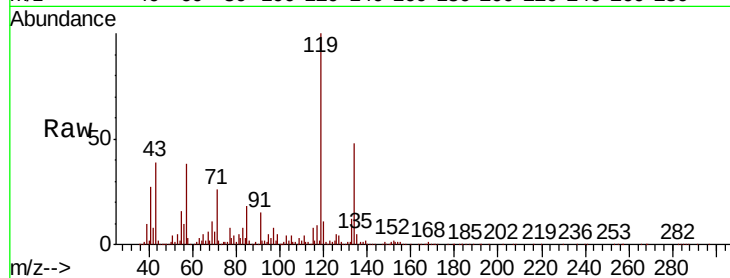
Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

155 259.8 52.6 157.9#

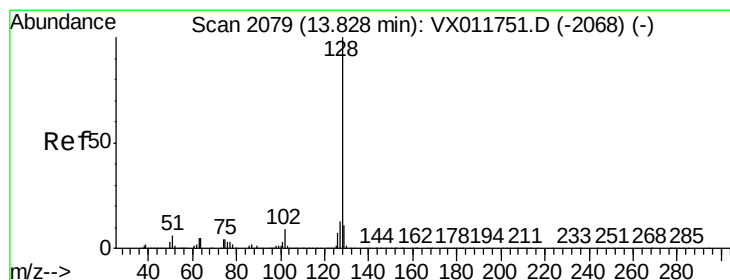
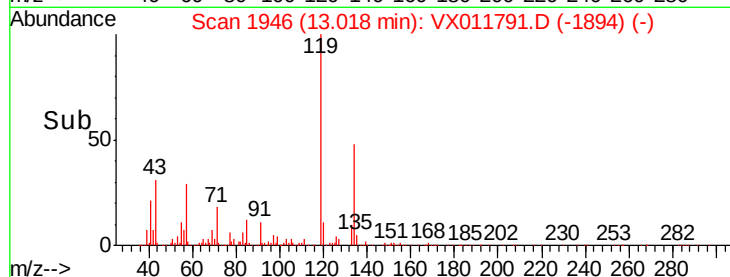
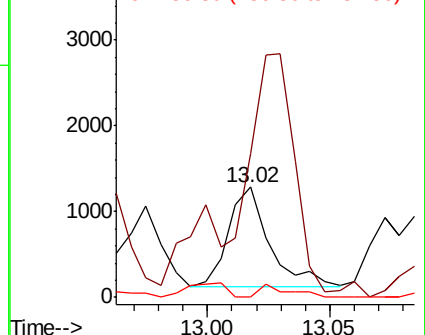
157 9.9 68.3 204.9#



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



#95

Naphthalene

Concen: 0.496 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

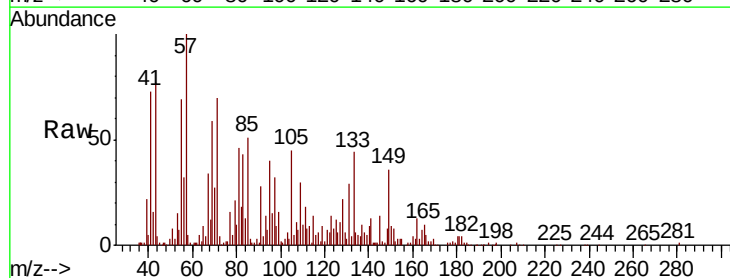
Tgt Ion: 128 Resp: 9154

Ion Ratio Lower Upper

128 100

127 66.4 10.4 15.6#

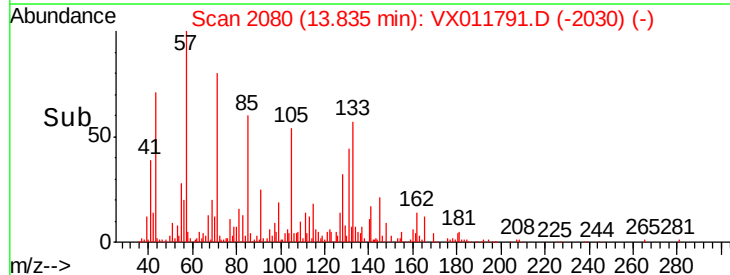
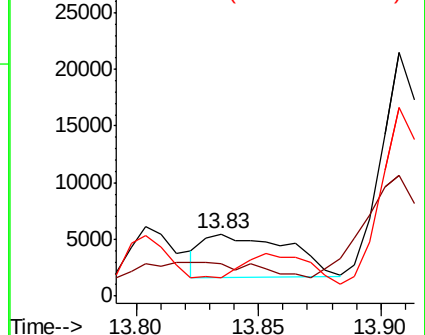
129 0.0 8.7 13.1#

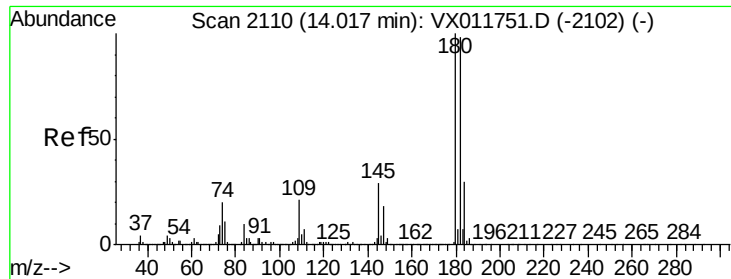


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.603 ug/l
 RT: 14.03 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: VX011791.D
 Acq: 23 Aug 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1

Tgt Ion:180 Resp: 4056
 Ion Ratio Lower Upper
 180 100
 182 33.6 48.5 145.5#
 145 1435.9 14.6 43.8#

