

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011458.D
 Acq On : 12 Aug 2019 02:45
 Operator : JC/SP
 Sample : K4085-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 12 07:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129072	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107250	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
35) Dibromofluoromethane	5.49	113	91110	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	358500	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	121447	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	437	0.320	ug/l #	80
6) Chloroethane	1.70	64	215	Below Cal	#	71
8) Diethyl Ether	2.18	74	300	0.247	ug/l	82
11) Tert butyl alcohol	3.02	59	4051	10.069	ug/l #	87
13) Acrolein	2.31	56	46	Below Cal	#	34
16) Acetone	2.43	43	5557	5.774	ug/l	96
18) Methyl Acetate	2.77	43	1691	0.769	ug/l #	89
20) Methylene Chloride	2.85	84	17896	8.491	ug/l	96
29) Tetrahydrofuran	5.10	42	176	0.210	ug/l #	39
30) Chloroform	5.20	83	4016	1.171	ug/l #	83
36) 1,1-Dichloropropene	5.66	75	13832	5.284	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19323	7.338	ug/l #	15
43) Isopropyl Acetate	6.45	43	7745	1.845	ug/l	95
47) Bromodichloromethane	7.90	83	707	0.283	ug/l #	94
48) Methyl methacrylate	7.67	41	3685	1.865	ug/l #	10
49) 1,4-Dioxane	7.69	88	40	0.698	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	40649	15.005	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	19	2.845	ug/l #	1
54) cis-1,3-Dichloropropene	8.61	75	20545	7.035	ug/l #	67
57) 1,3-Dichloropropane	9.54	76	5153	1.535	ug/l #	44
59) 2-Hexanone	9.54	43	66509	31.697	ug/l #	51
67) Ethyl Benzene	10.25	91	3618	0.365	ug/l	89
68) m/p-Xylenes	10.35	106	6336	1.653	ug/l	99
69) o-Xylene	10.69	106	2903	0.771	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	62543	26.608	ug/l #	35
78) n-propylbenzene	11.35	91	2143	0.218	ug/l	98
79) 2-Chlorotoluene	11.43	91	2022	0.346	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	9793	1.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	62543	69.144	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1404	0.206	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.80	105	27102	3.684	ug/l	99
89) n-Butylbenzene	12.37	91	2142	0.310	ug/l #	19
90) Hexachloroethane	12.60	117	393	0.332	ug/l #	8
95) Naphthalene	13.83	128	17327	2.056	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

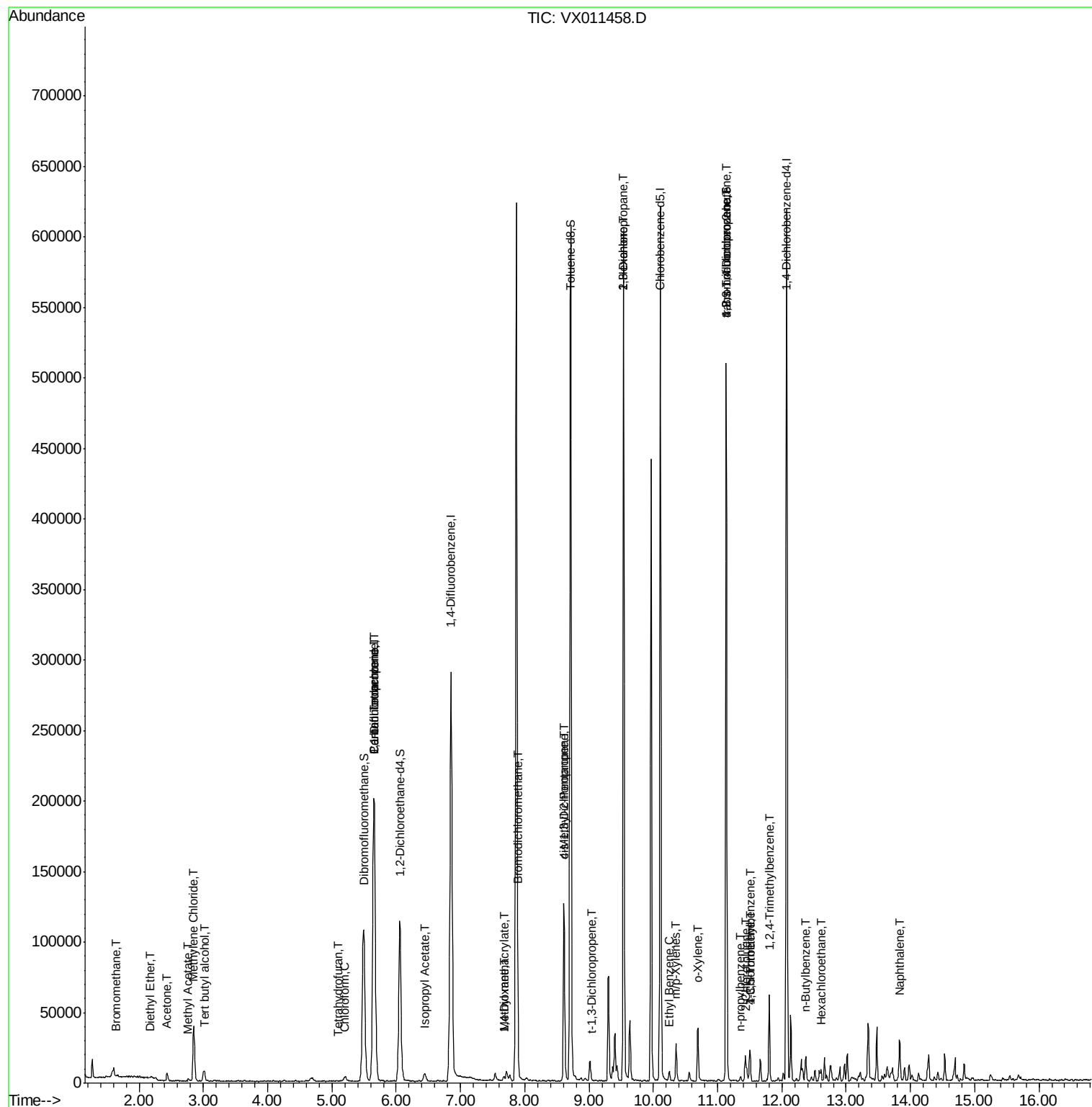
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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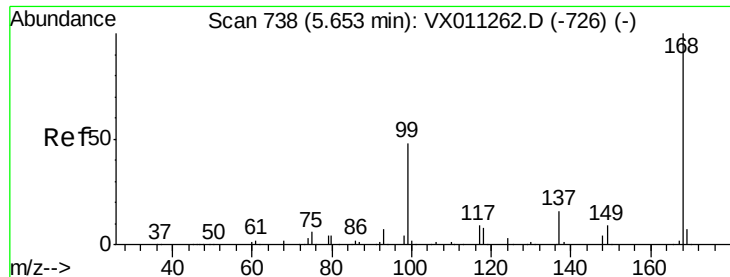
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
HR-05-080919-B

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

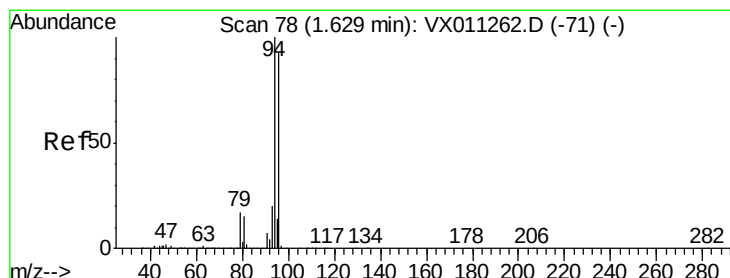
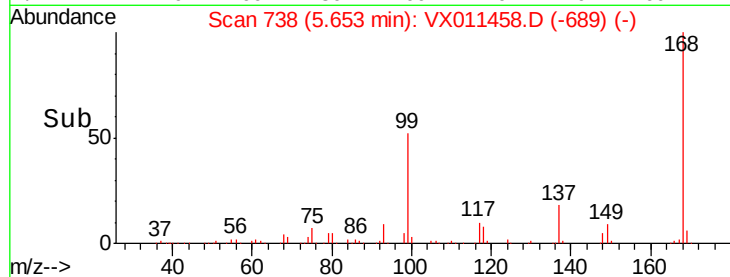
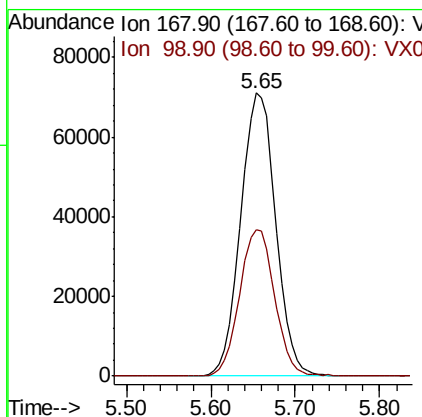
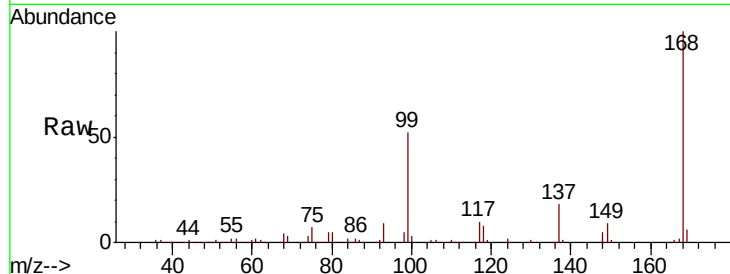




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

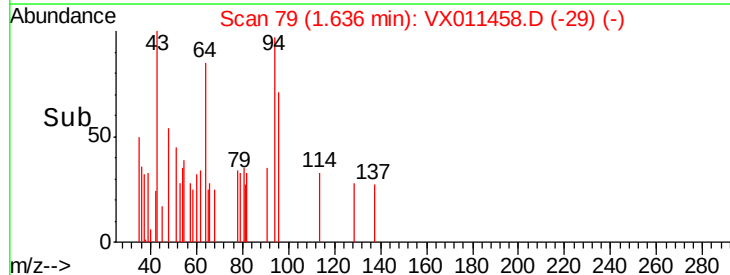
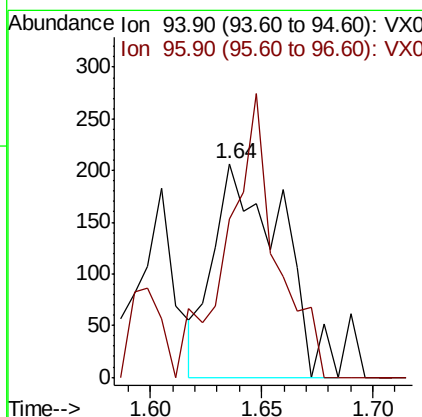
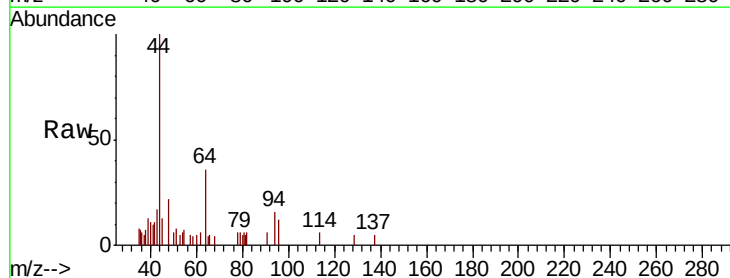
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-B

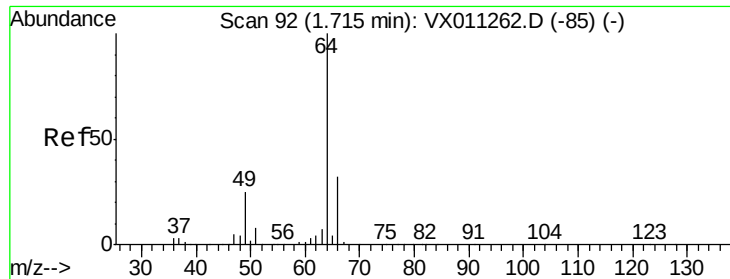
Tgt Ion: 168 Resp: 200782
Ion Ratio Lower Upper
168 100
99 51.7 38.5 57.7



#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 73.9 74.6 112.0#





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

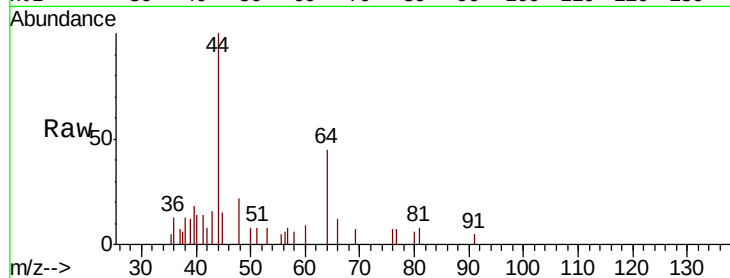
HR-05-080919-B

Tgt Ion: 64 Resp: 215

Ion Ratio Lower Upper

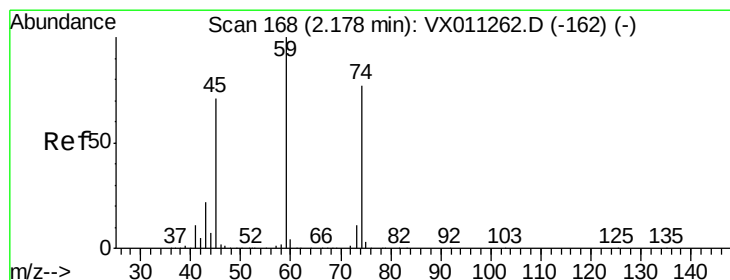
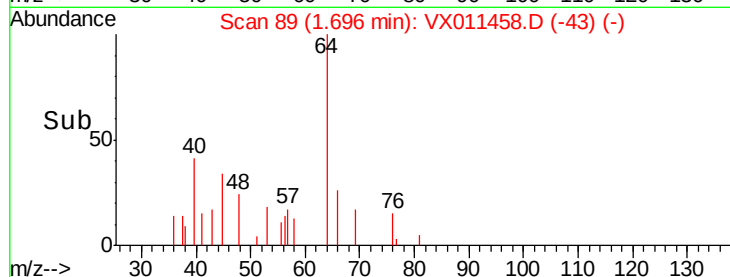
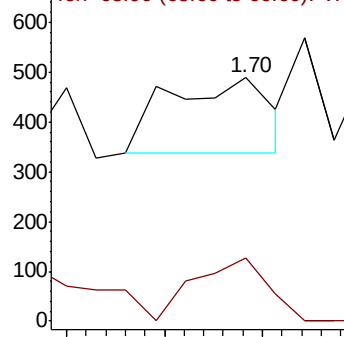
64 100

66 47.7 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.247 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011458.D

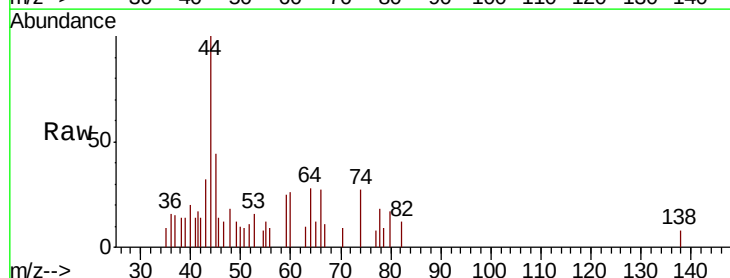
Acq: 12 Aug 2019 02:45

Tgt Ion: 74 Resp: 300

Ion Ratio Lower Upper

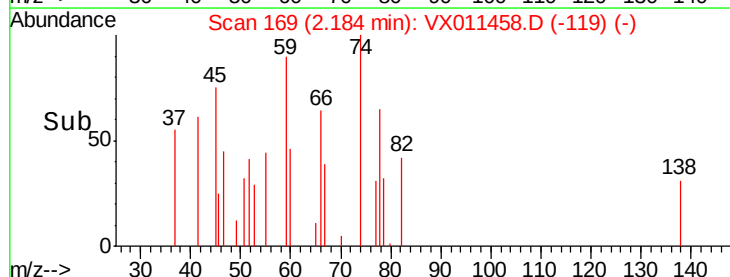
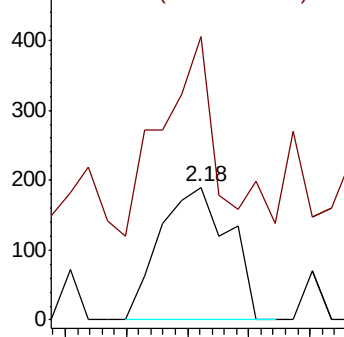
74 100

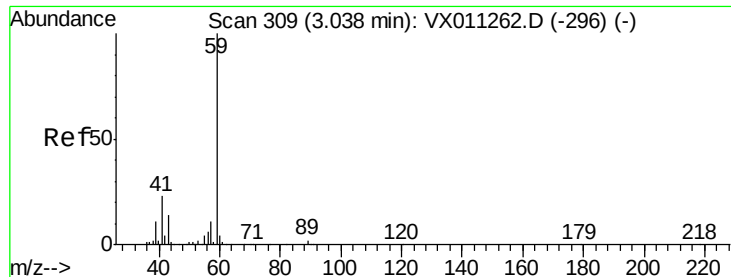
45 109.0 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

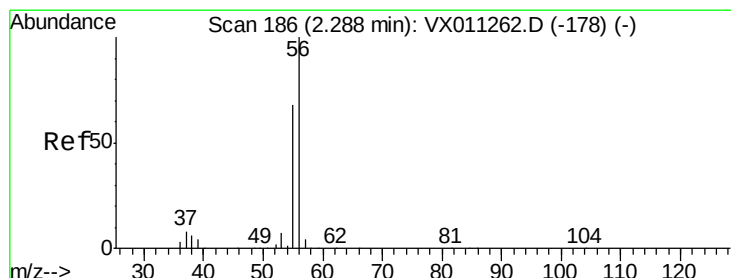
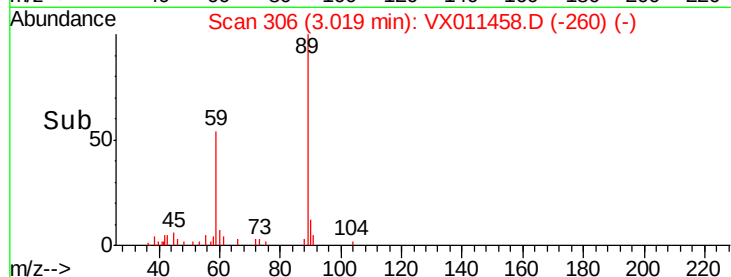
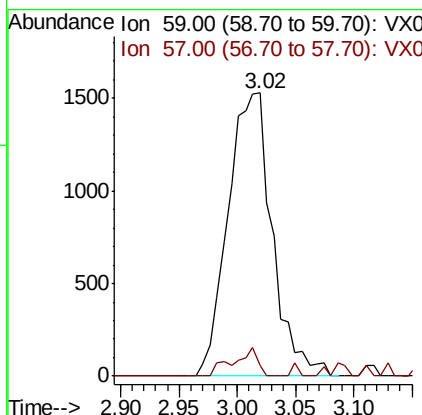
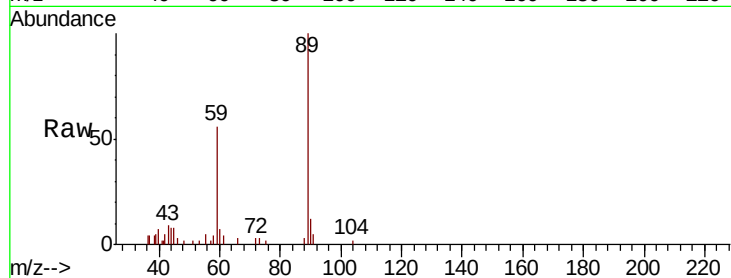




#11
Tert butyl alcohol
Concen: 10.069 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

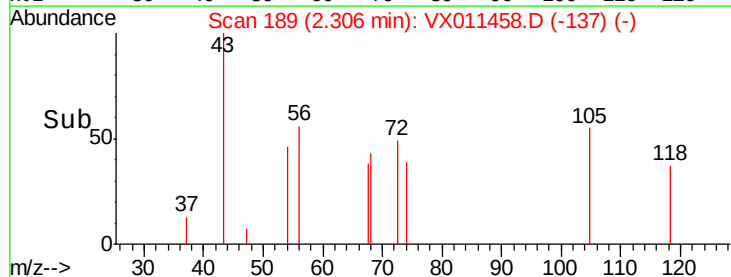
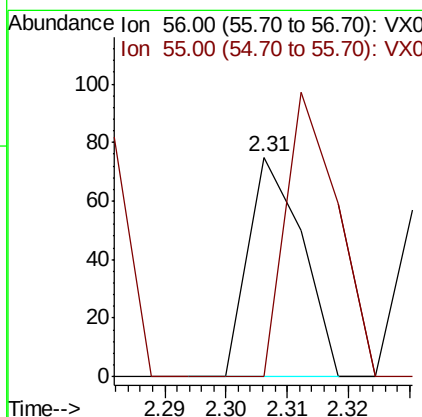
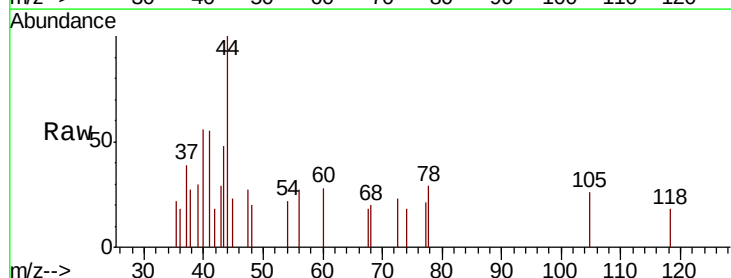
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-B

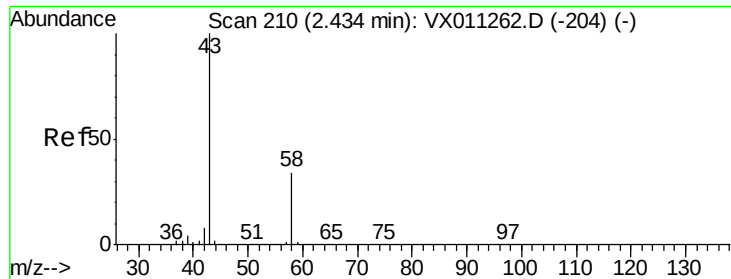
Tgt Ion: 59 Resp: 4051
Ion Ratio Lower Upper
59 100
57 5.5 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 189
Delta R.T. 0.02 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 123.9 56.0 84.0#





#16

Acetone

Concen: 5.774 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

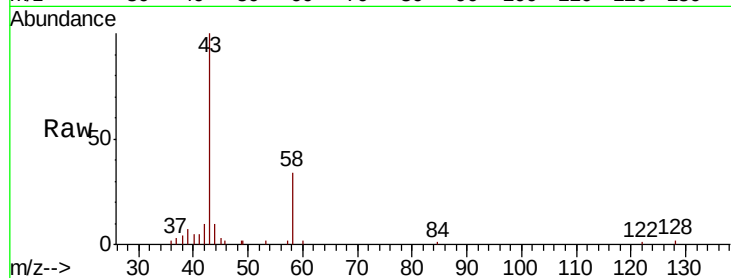
HR-05-080919-B

Tgt Ion: 43 Resp: 5557

Ion Ratio Lower Upper

43 100

58 31.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

4000

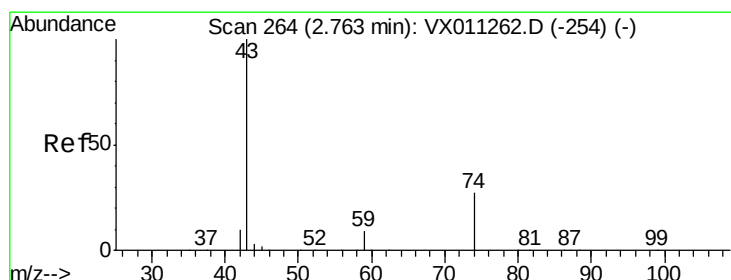
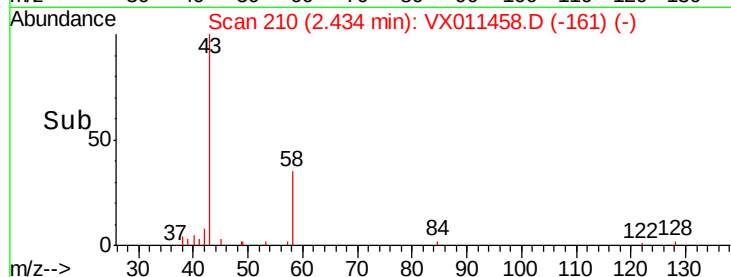
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 0.769 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011458.D

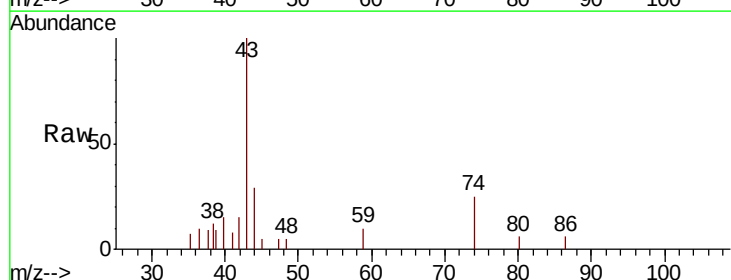
Acq: 12 Aug 2019 02:45

Tgt Ion: 43 Resp: 1691

Ion Ratio Lower Upper

43 100

74 32.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1000

800

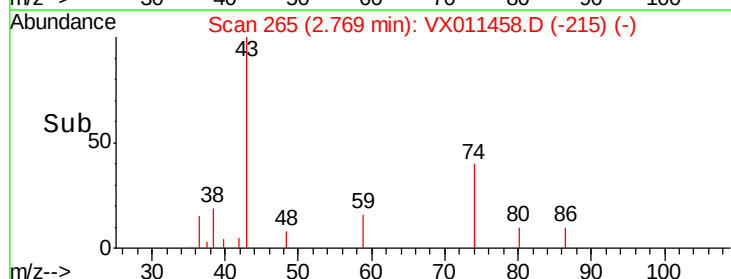
600

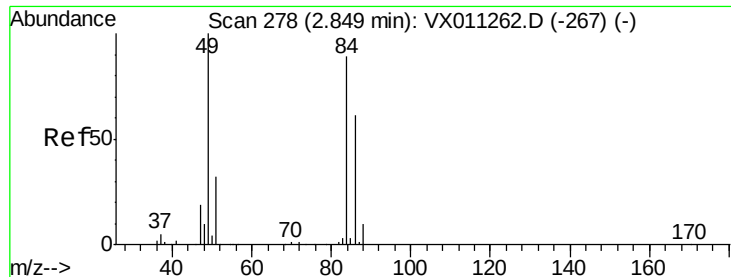
400

200

0

Time--> 2.70 2.75 2.80 2.85





#20

Methylene Chloride

Concen: 8.491 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampled :

HR-05-080919-B

Tgt Ion: 84 Resp: 17896

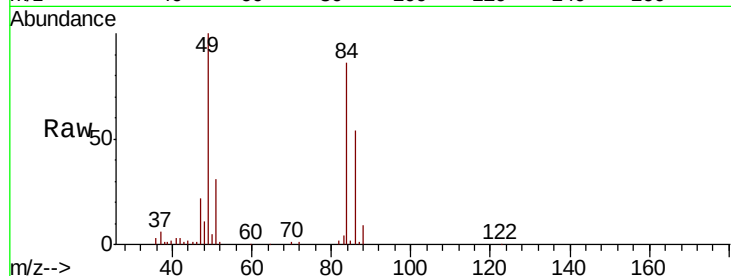
Ion Ratio Lower Upper

84 100

49 116.2 89.3 133.9

51 36.3 28.3 42.5

86 63.0 54.5 81.7

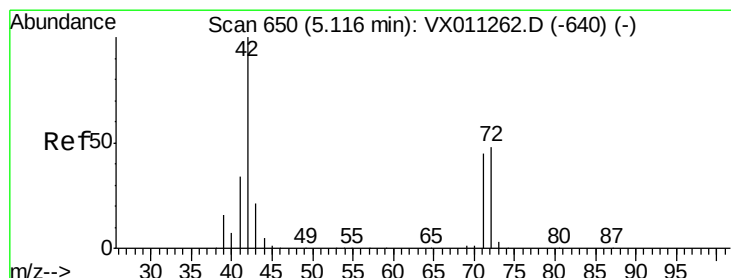
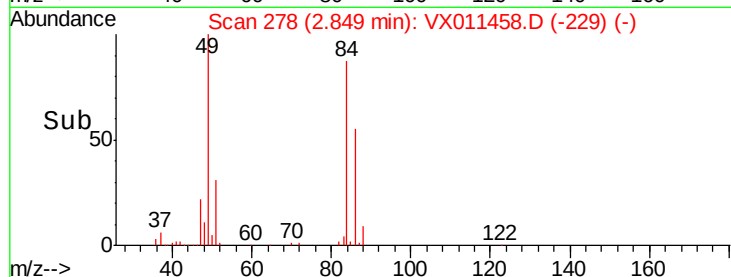
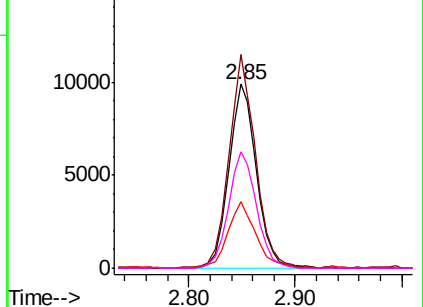


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 0.210 ug/l

RT: 5.10 min Scan# 648

Delta R.T. -0.01 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

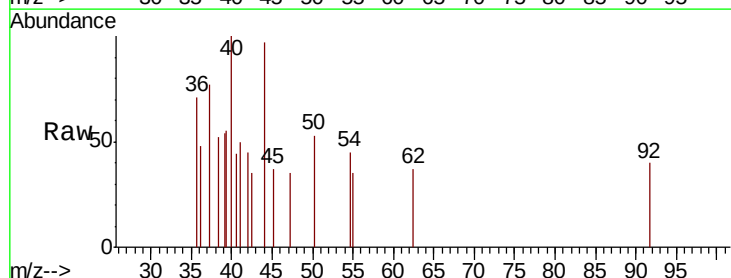
Tgt Ion: 42 Resp: 176

Ion Ratio Lower Upper

42 100

72 13.6 39.9 59.9#

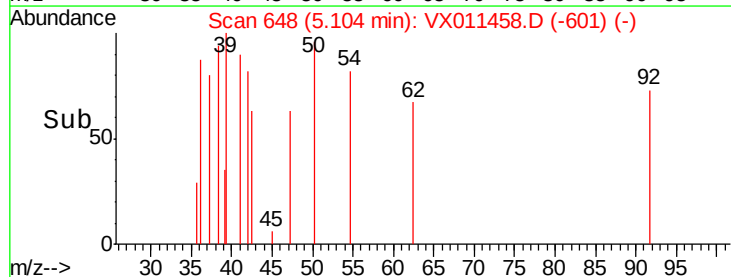
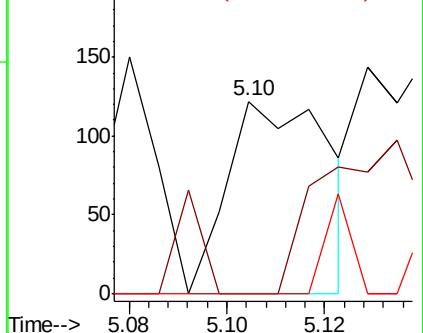
71 0.0 36.9 55.3#

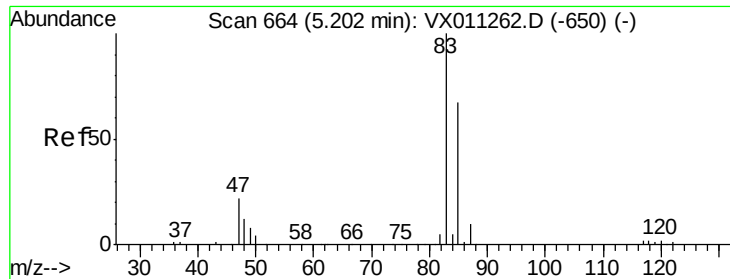


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

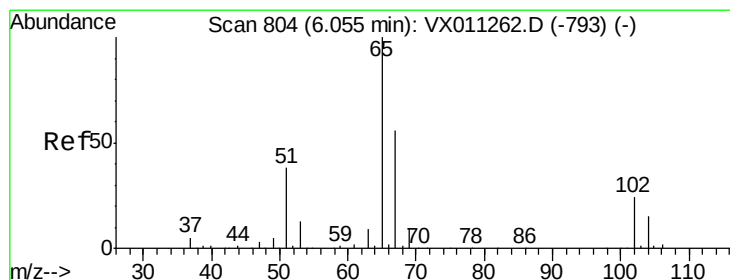
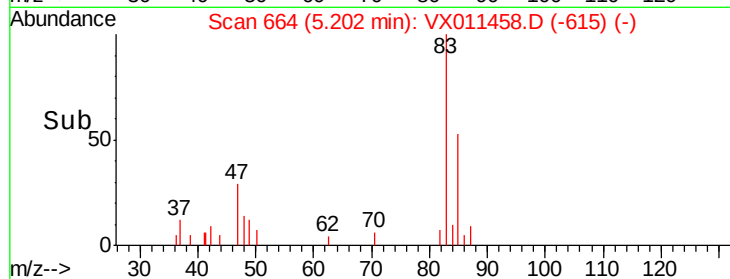
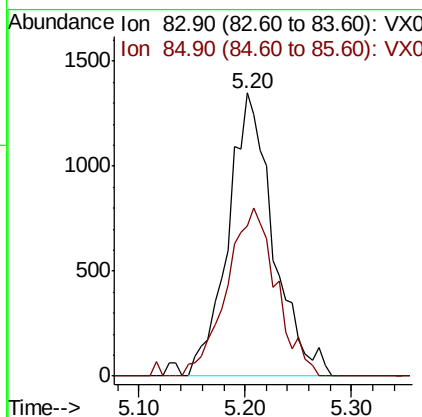
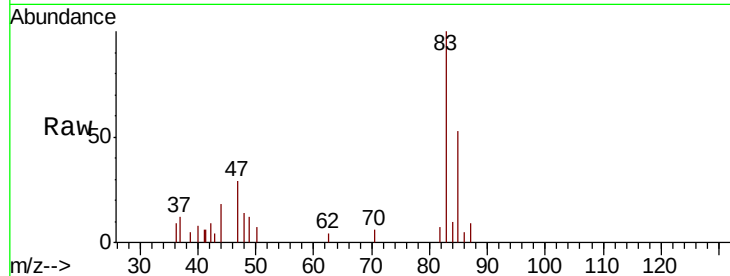




#30
 Chloroform
 Concen: 1.171 ug/l
 RT: 5.20 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

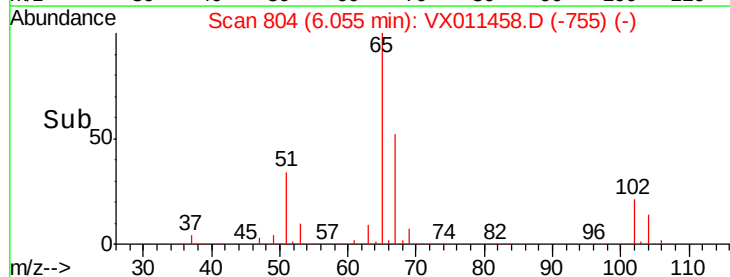
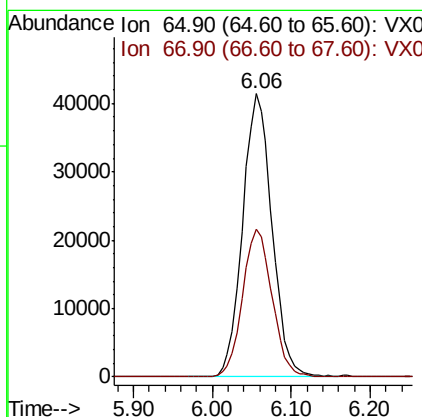
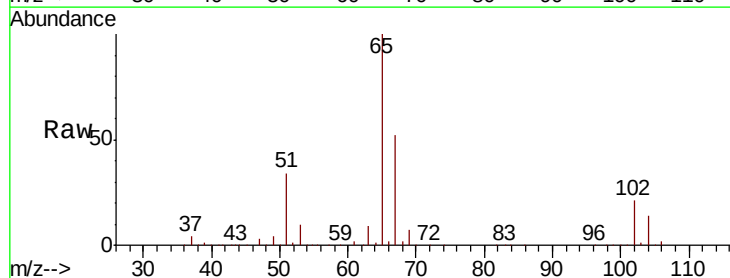
Instrument :
 MSVOA_X
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 HR-05-080919-B

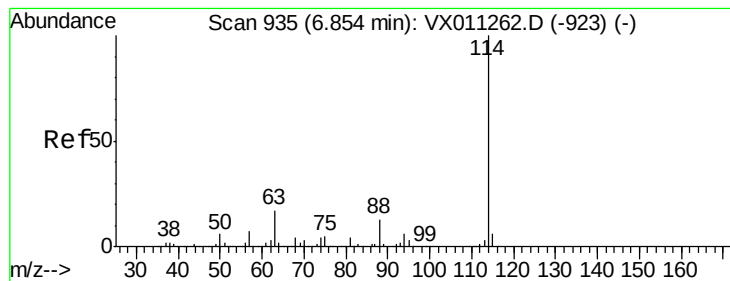
Tgt Ion: 83 Resp: 4016
 Ion Ratio Lower Upper
 83 100
 85 53.0 53.4 80.0#



#33
 1,2-Dichloroethane-d4
 Concen: 53.042 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 65 Resp: 107250
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-B

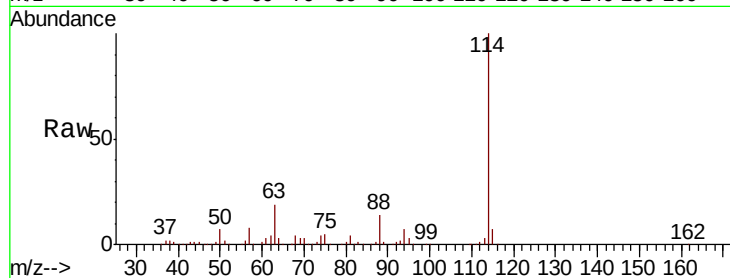
Tgt Ion:114 Resp: 299797

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

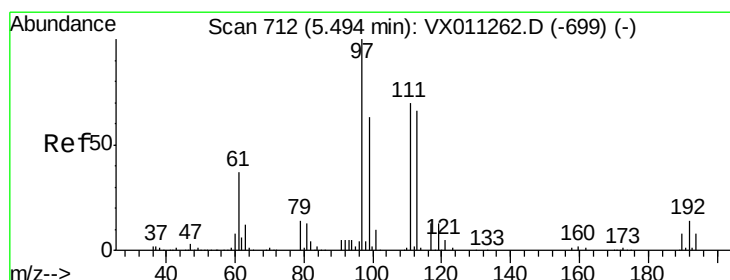
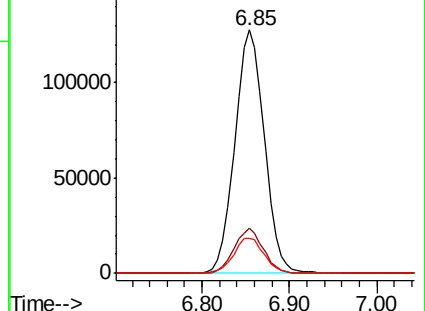
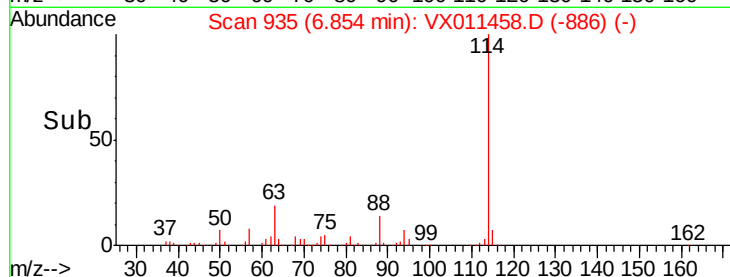
88 14.3 0.0 26.4



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: 46.549 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

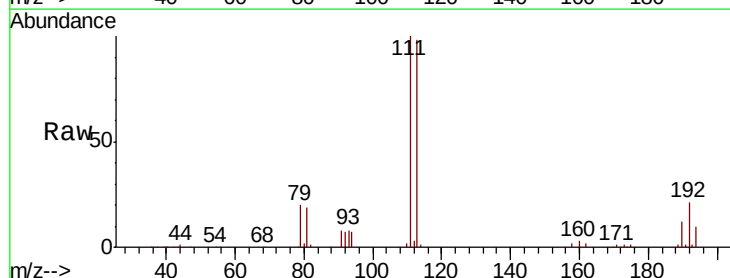
Tgt Ion:113 Resp: 91110

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

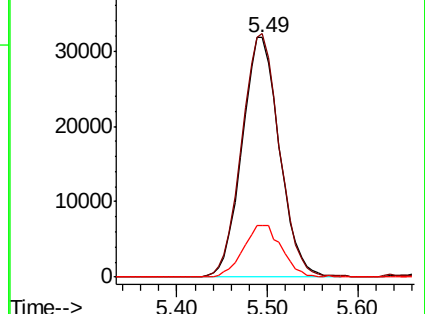
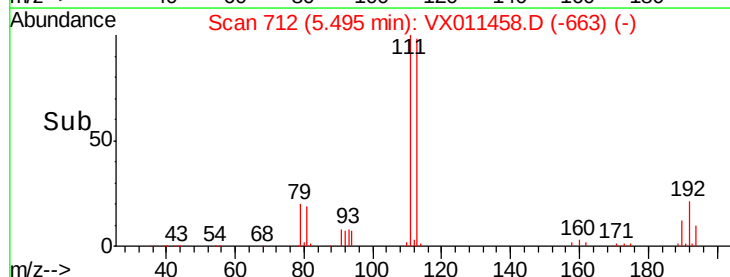
192 22.2 17.8 26.8

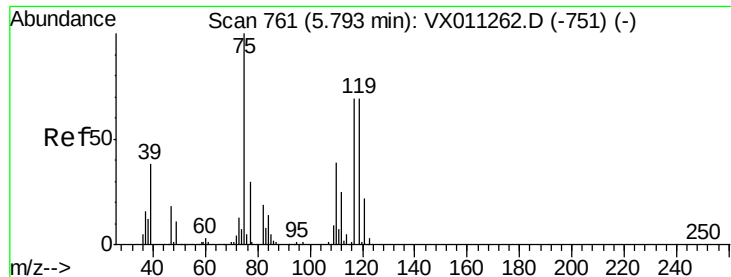


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

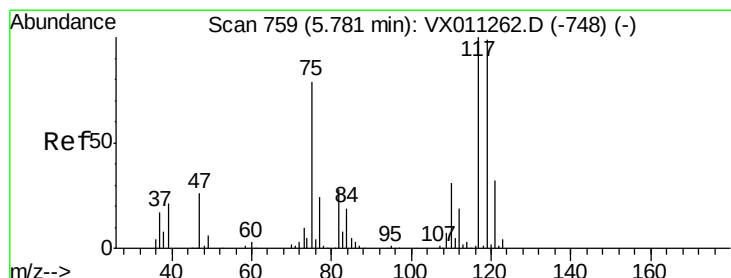
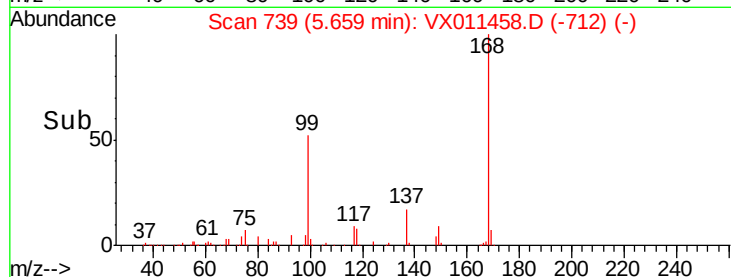
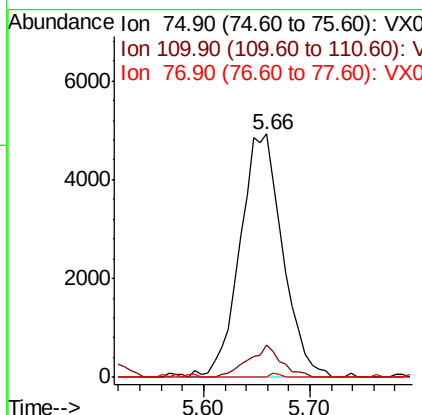
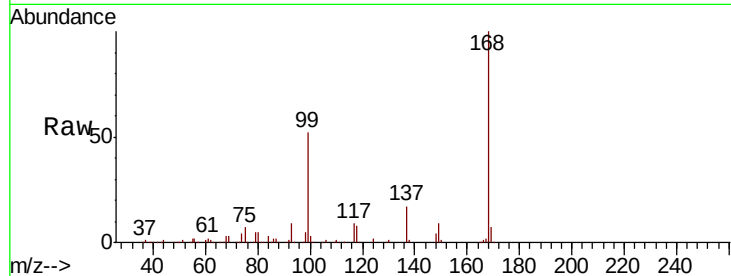




#36
 1,1-Dichloropropene
 Concen: 5.284 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

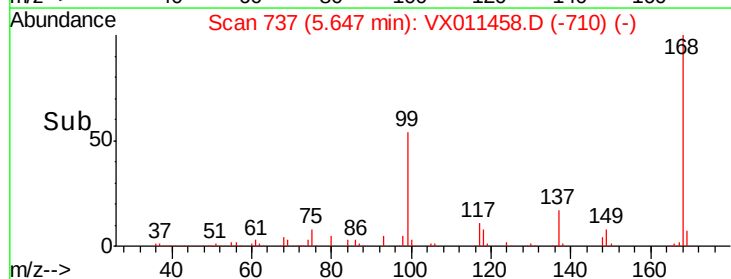
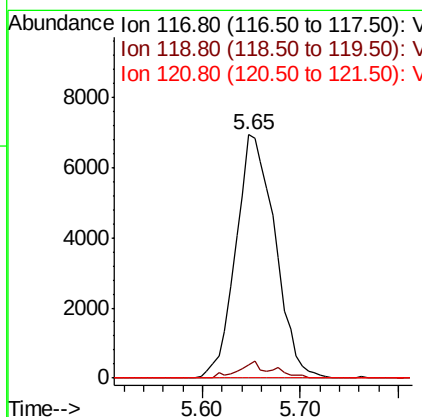
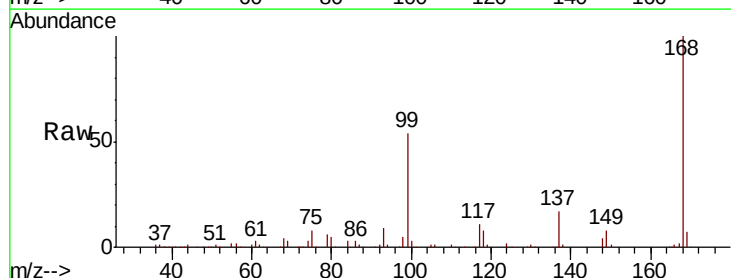
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

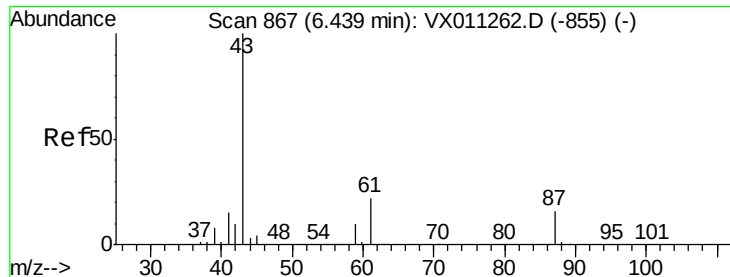
Tgt Ion: 75 Resp: 13832
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.0 59.9#
 77 0.4 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.338 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.13 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 117 Resp: 19323
 Ion Ratio Lower Upper
 117 100
 119 5.2 79.0 118.4#
 121 0.0 25.9 38.9#





#43

Isopropyl Acetate

Concen: 1.845 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-B

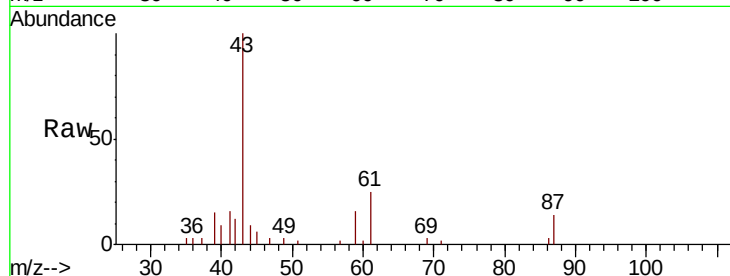
Tgt Ion: 43 Resp: 7745

Ion Ratio Lower Upper

43 100

61 23.6 16.5 24.7

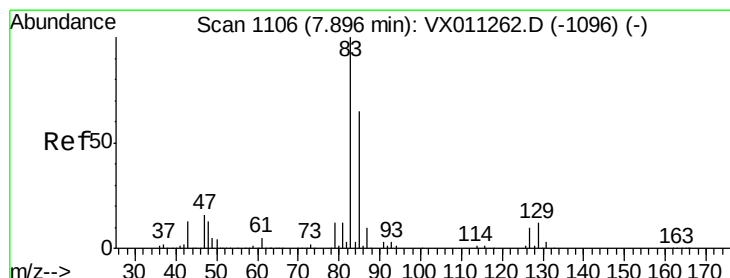
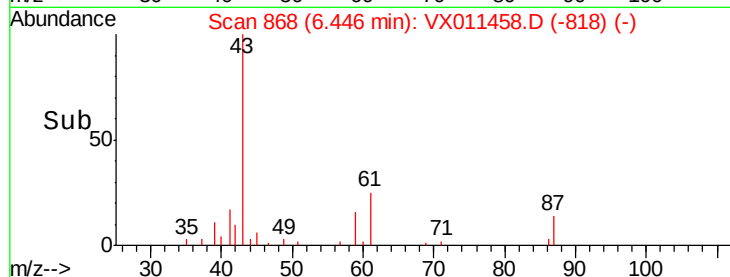
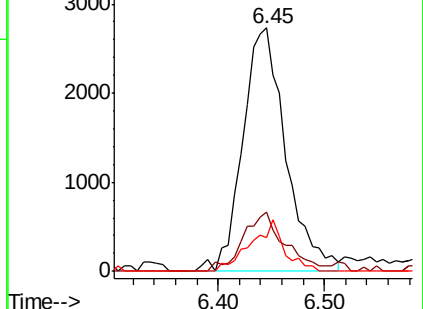
87 16.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.283 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

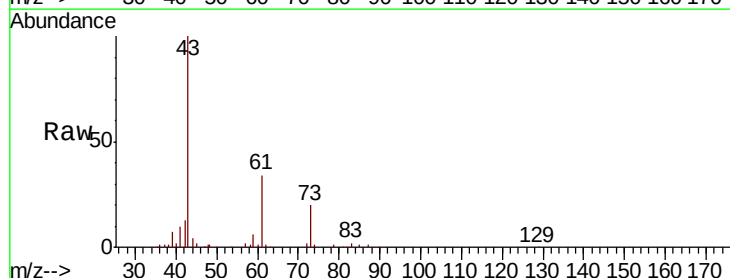
Tgt Ion: 83 Resp: 707

Ion Ratio Lower Upper

83 100

85 62.5 52.2 78.2

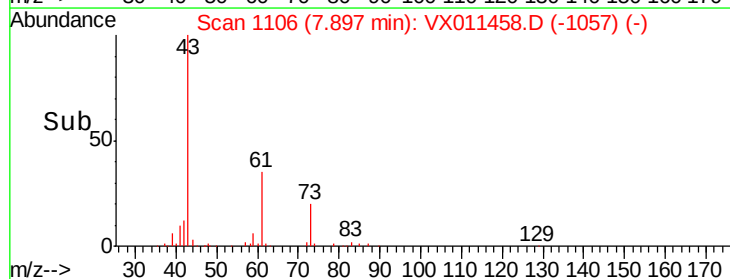
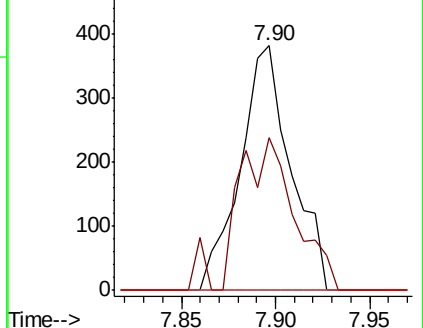
127 0.0 7.8 11.8#

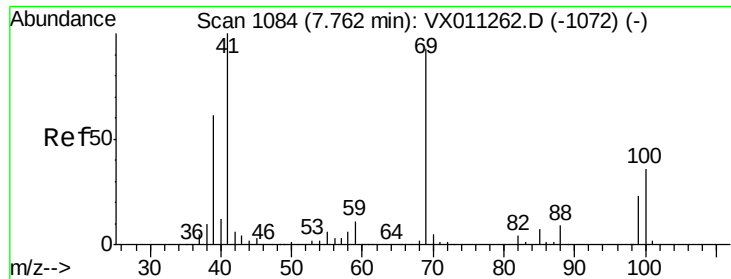


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

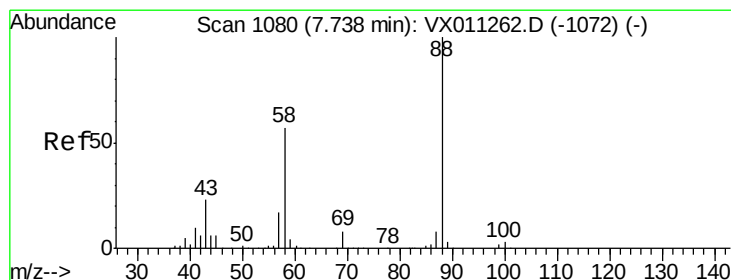
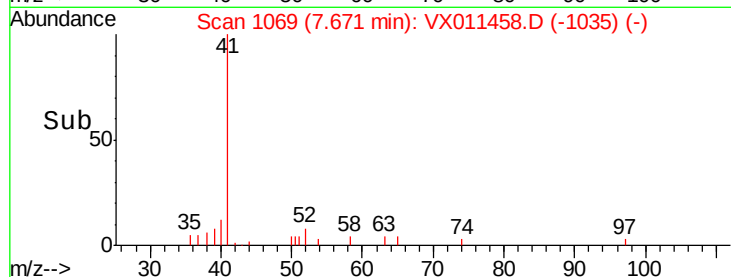
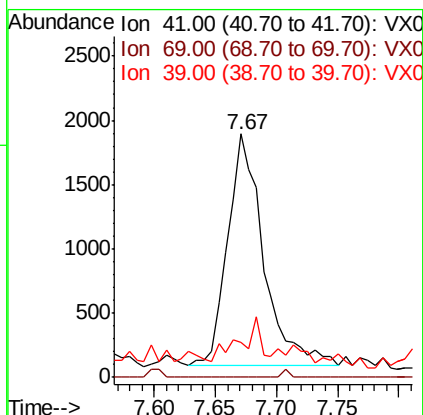
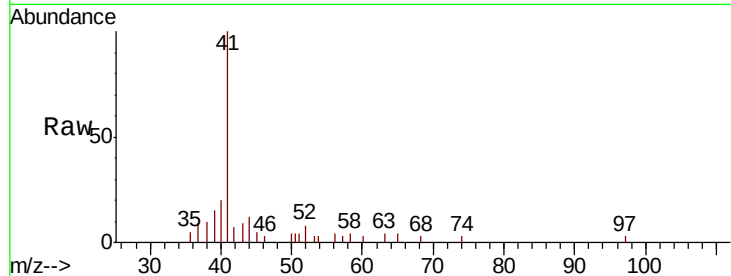




#48
Methyl methacrylate
Concen: 1.865 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

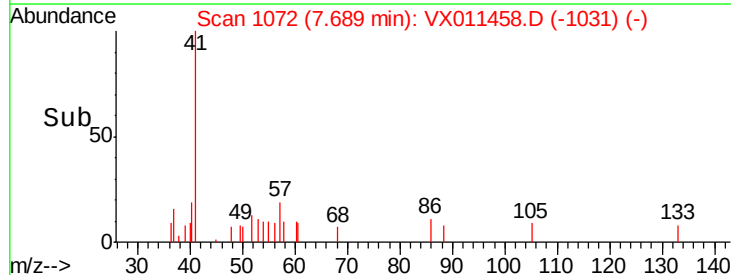
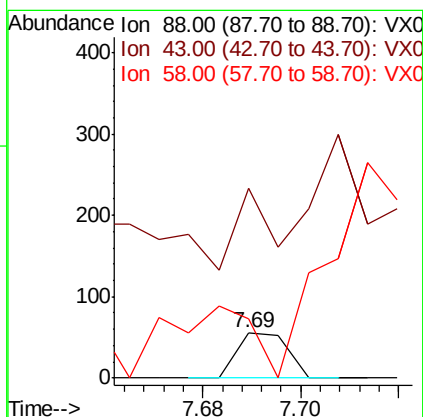
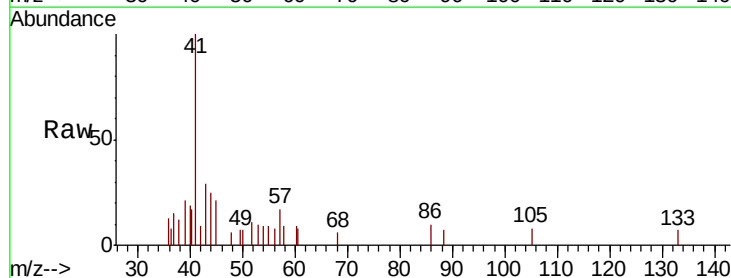
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-B

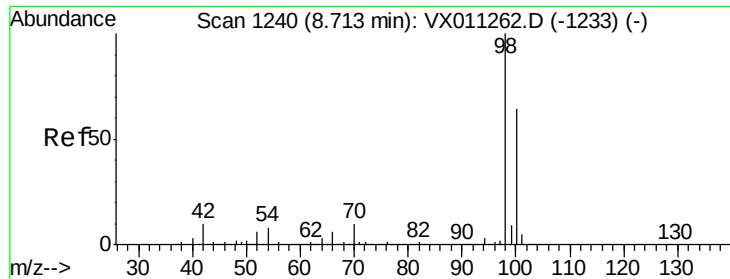
Tgt Ion: 41 Resp: 3685
Ion Ratio Lower Upper
41 100
69 0.0 74.5 111.7#
39 0.0 48.6 72.8#



#49
1,4-Dioxane
Concen: 0.698 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 265.0 47.8 71.8#





#50

Toluene-d8

Concen: 48.523 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

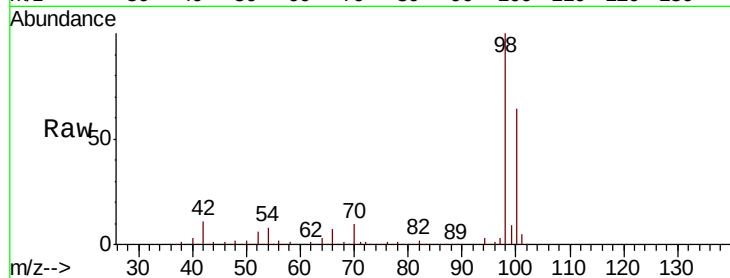
HR-05-080919-B

Tgt Ion: 98 Resp: 358500

Ion Ratio Lower Upper

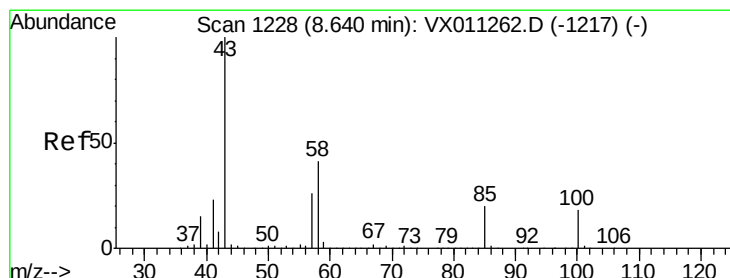
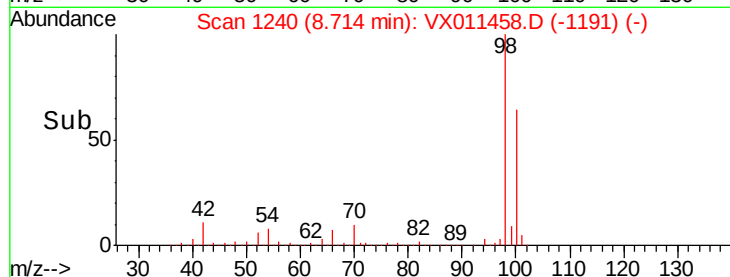
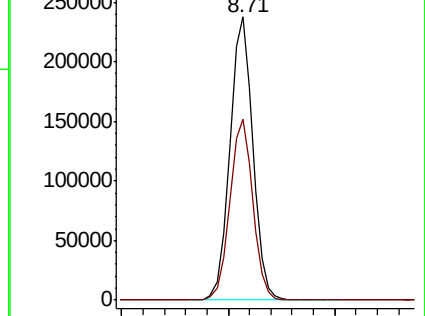
98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 15.005 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011458.D

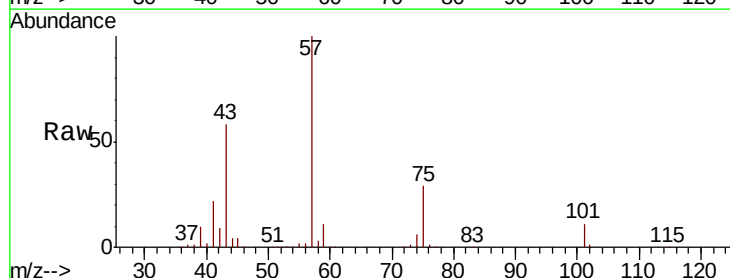
Acq: 12 Aug 2019 02:45

Tgt Ion: 43 Resp: 40649

Ion Ratio Lower Upper

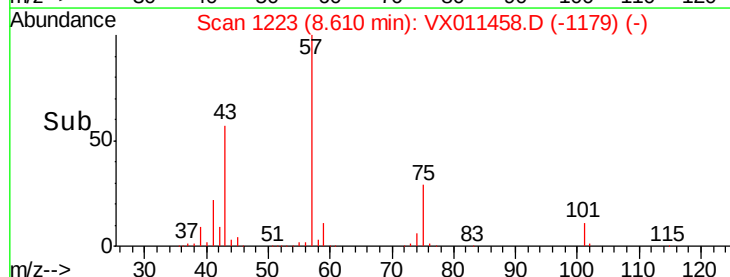
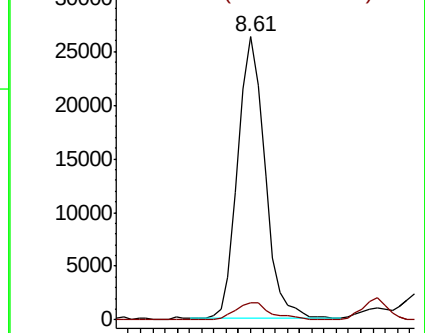
43 100

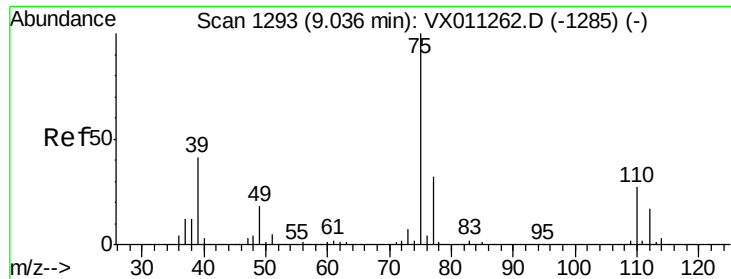
58 8.3 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.845 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

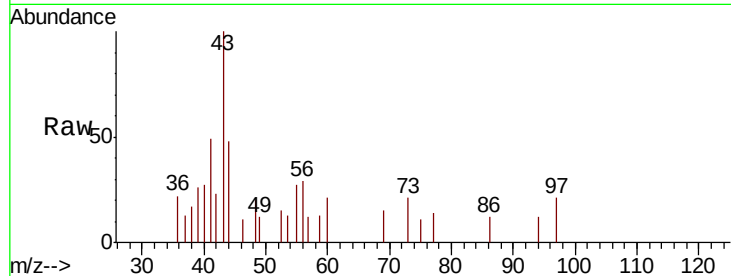
HR-05-080919-B

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

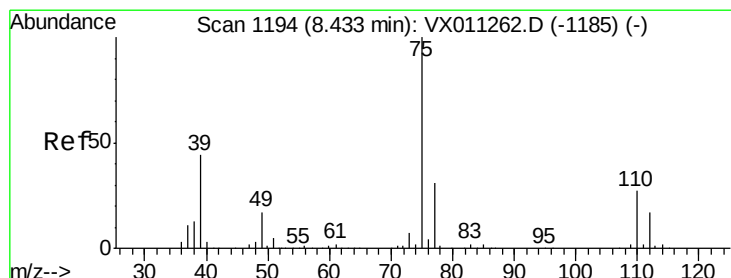
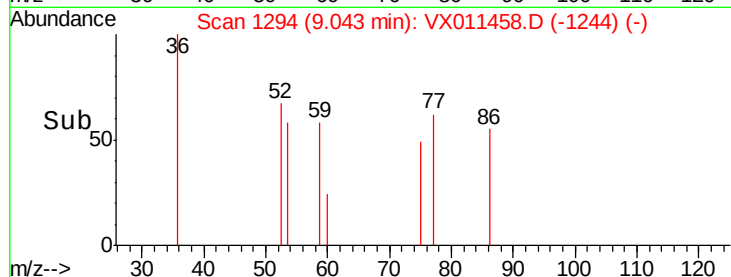
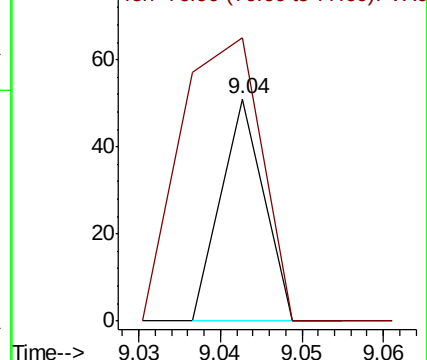
75 100

77 127.5 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 7.035 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

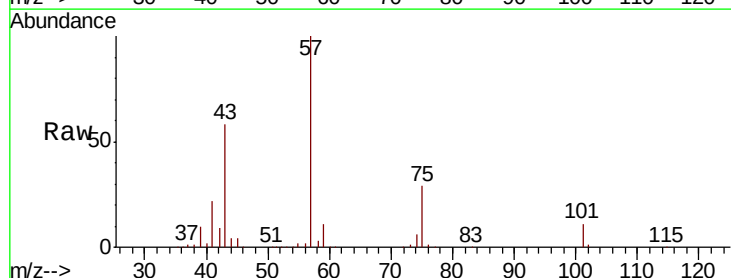
Tgt Ion: 75 Resp: 20545

Ion Ratio Lower Upper

75 100

77 1.4 25.0 37.6#

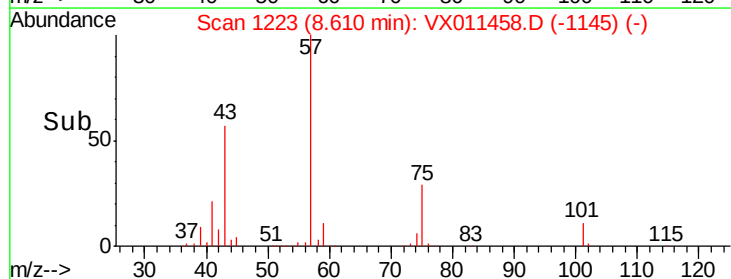
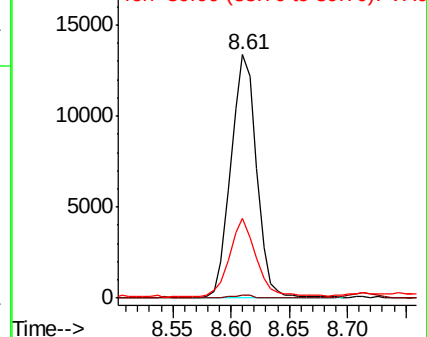
39 31.9 35.3 52.9#

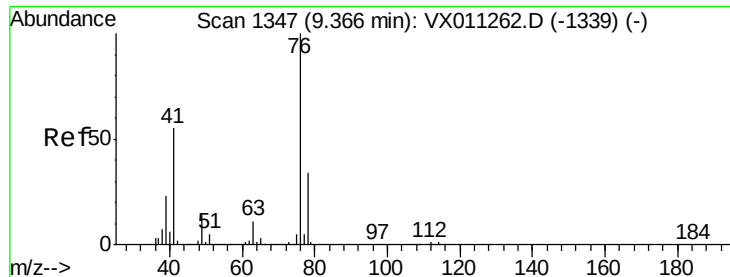


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.535 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

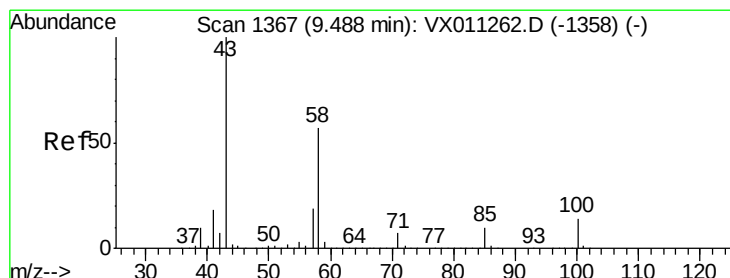
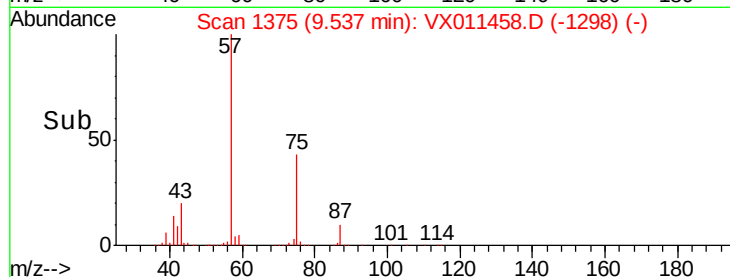
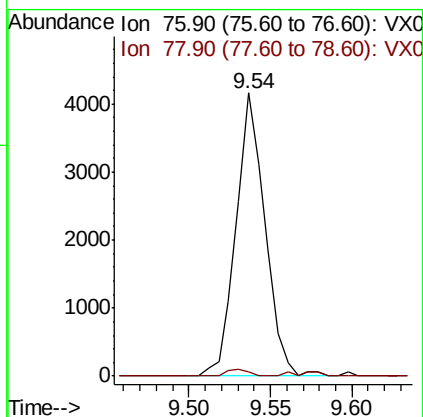
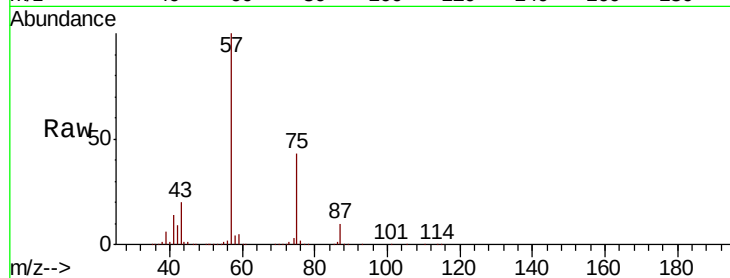
HR-05-080919-B

Tgt Ion: 76 Resp: 5153

Ion Ratio Lower Upper

76 100

78 1.7 26.6 40.0#



#59

2-Hexanone

Concen: 31.697 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011458.D

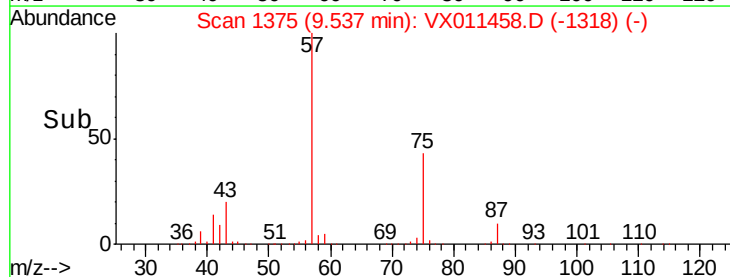
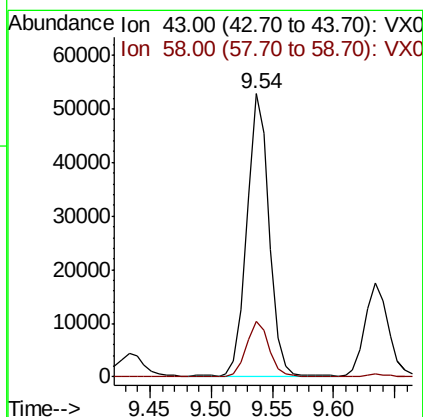
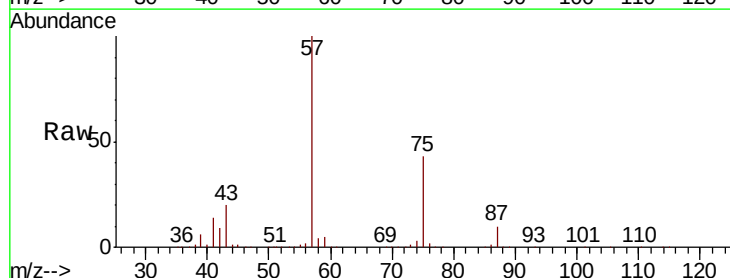
Acq: 12 Aug 2019 02:45

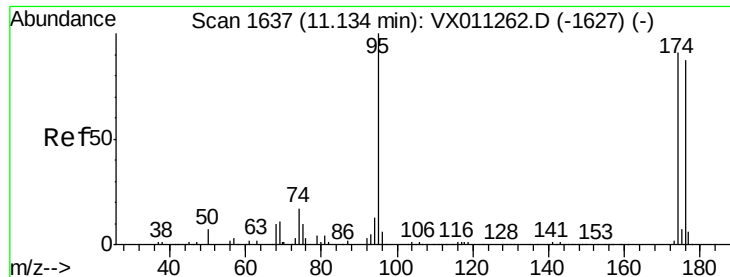
Tgt Ion: 43 Resp: 66509

Ion Ratio Lower Upper

43 100

58 20.4 28.2 84.6#

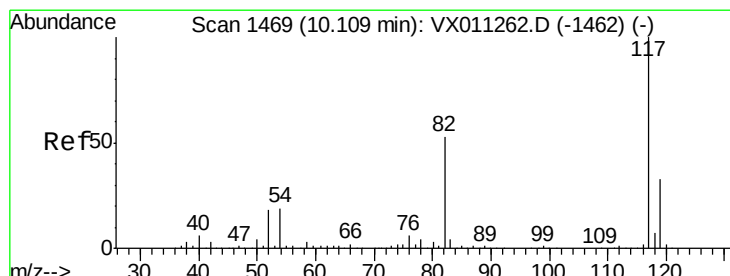
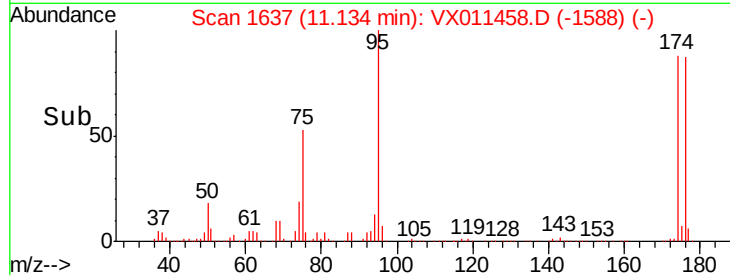
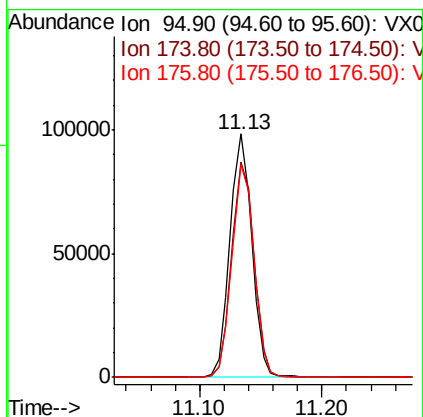
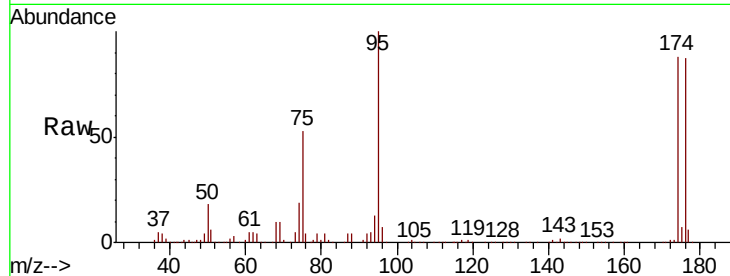




#62
 4-Bromofluorobenzene
 Concen: 46.041 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

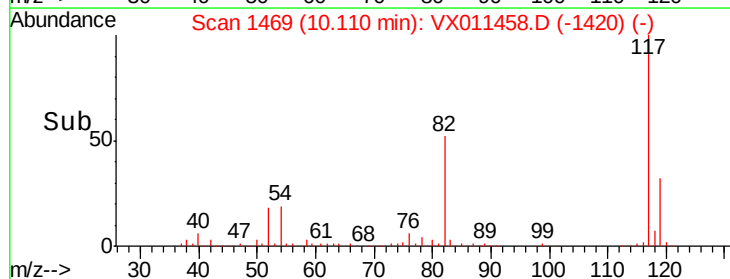
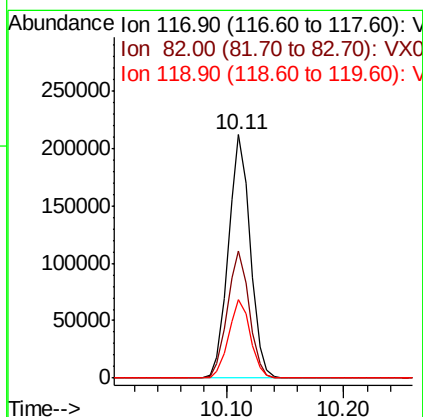
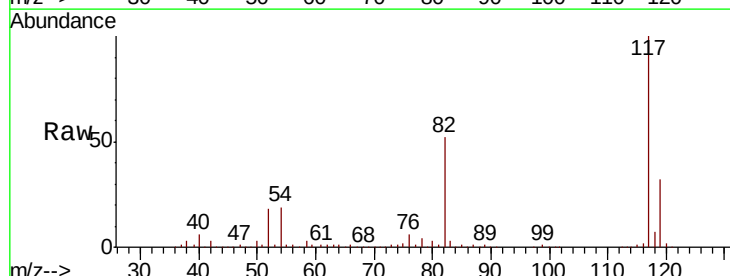
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

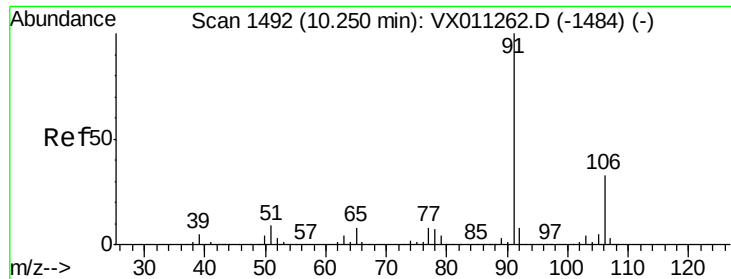
Tgt Ion: 95 Resp: 121447
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 191.2
 176 88.0 0.0 184.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 117 Resp: 275923
 Ion Ratio Lower Upper
 117 100
 82 52.3 42.2 63.2
 119 32.2 26.6 39.8

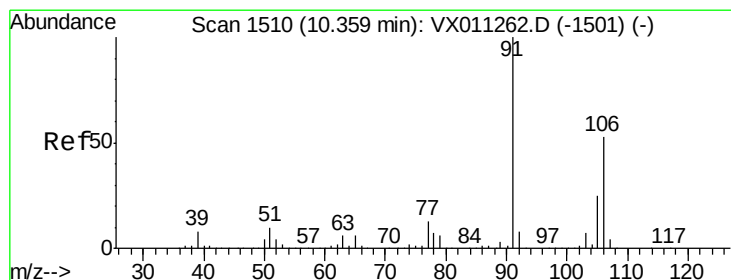
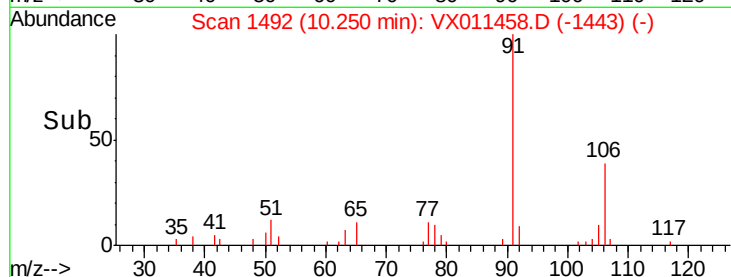
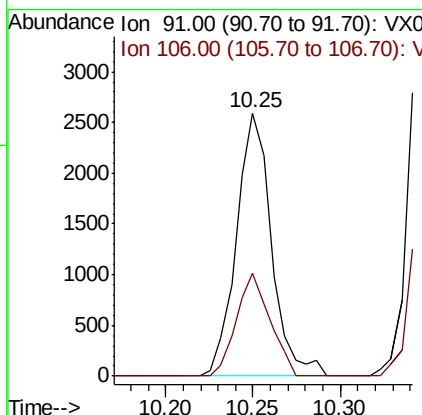
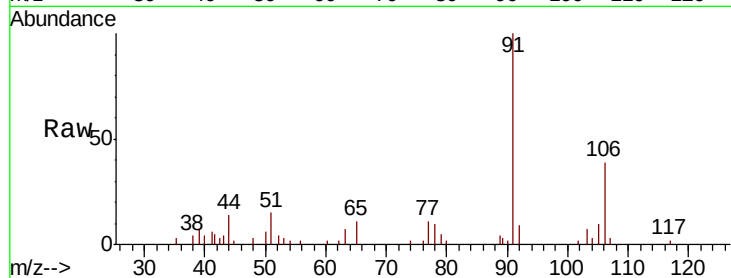




#67
Ethyl Benzene
Concen: 0.365 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

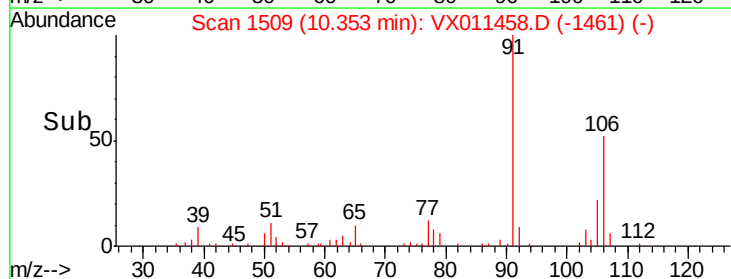
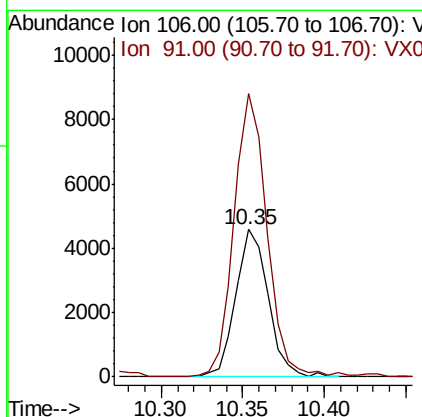
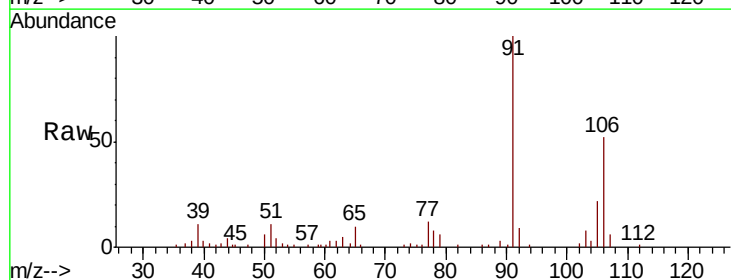
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-B

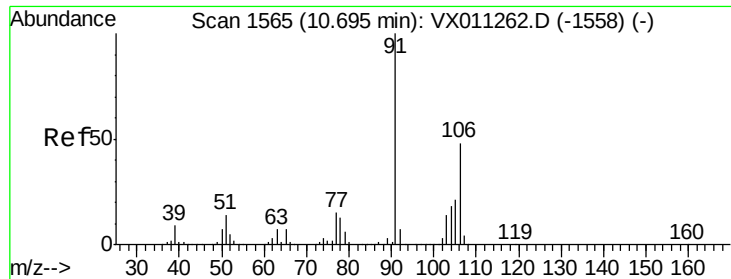
Tgt Ion: 91 Resp: 3618
Ion Ratio Lower Upper
91 100
106 39.2 26.2 39.4



#68
m/p-Xylenes
Concen: 1.653 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

Tgt Ion: 106 Resp: 6336
Ion Ratio Lower Upper
106 100
91 196.1 155.9 233.9

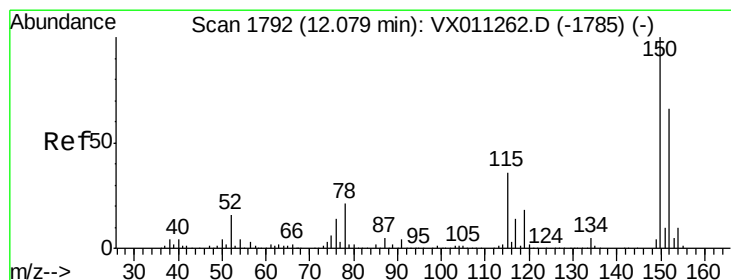
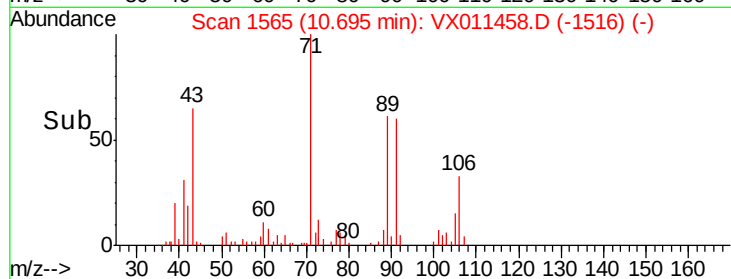
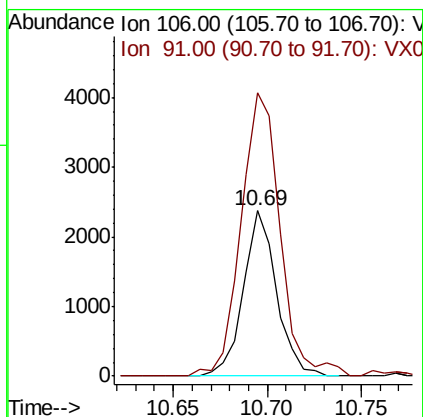
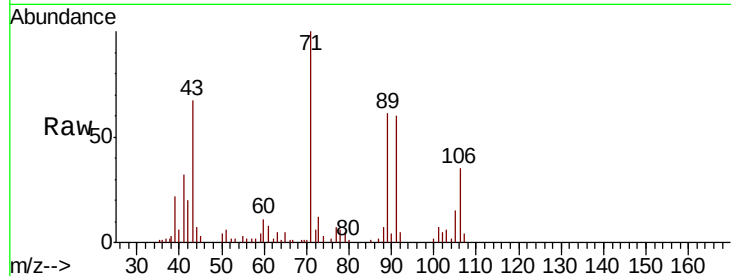




#69
o-Xylene
Concen: 0.771 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

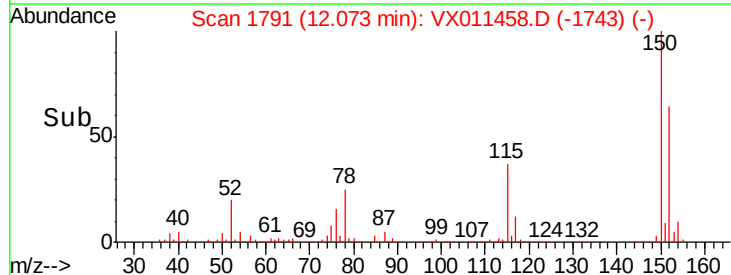
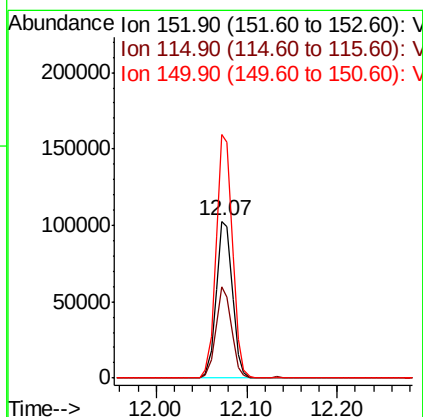
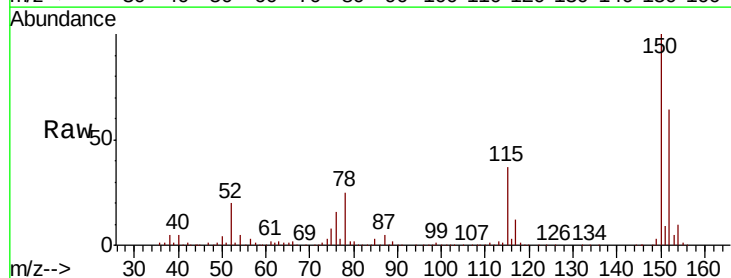
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-B

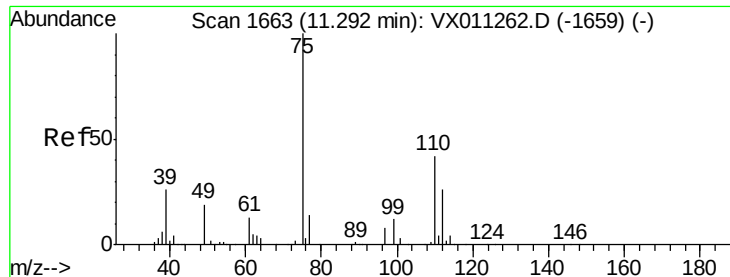
Tgt Ion:106 Resp: 2903
Ion Ratio Lower Upper
106 100
91 200.7 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011458.D
Acq: 12 Aug 2019 02:45

Tgt Ion:152 Resp: 129072
Ion Ratio Lower Upper
152 100
115 56.3 40.0 119.9
150 156.6 0.0 350.4

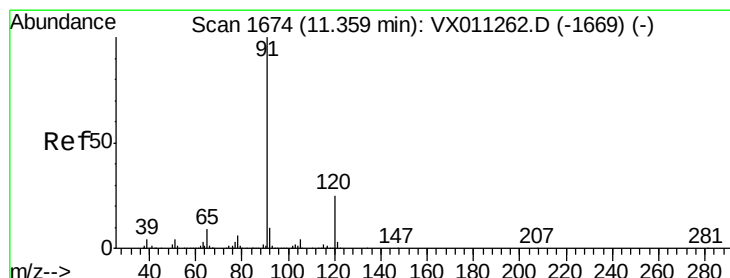
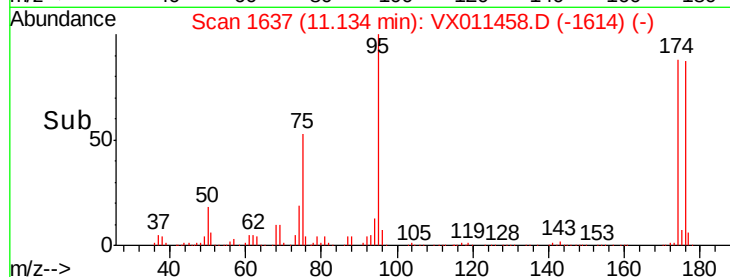
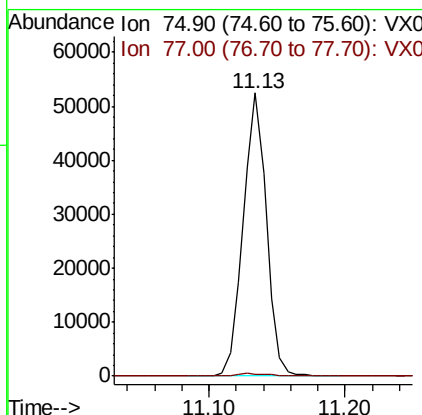
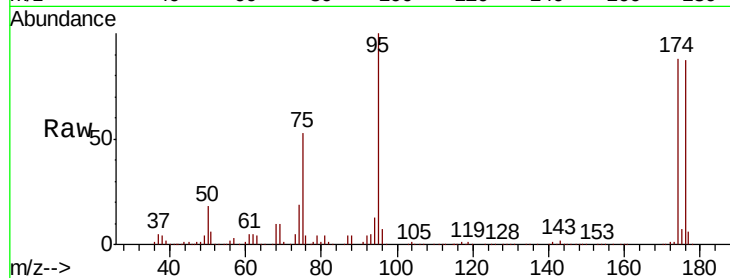




#76
 1,2,3-Trichloropropane
 Concen: 26.608 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

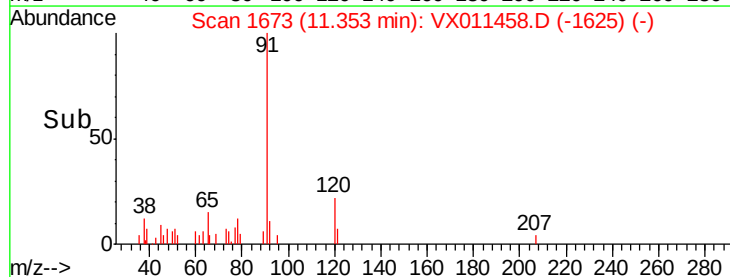
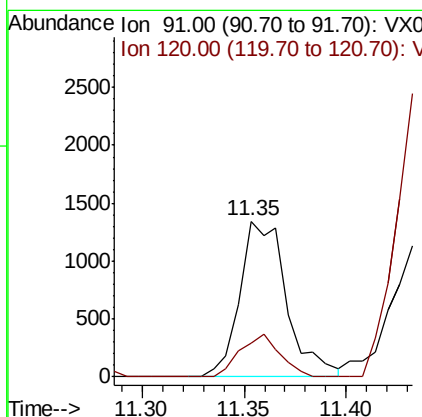
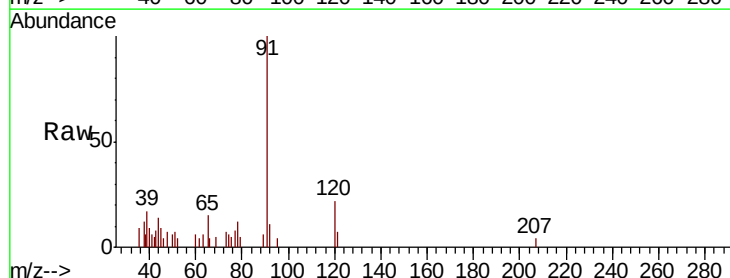
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

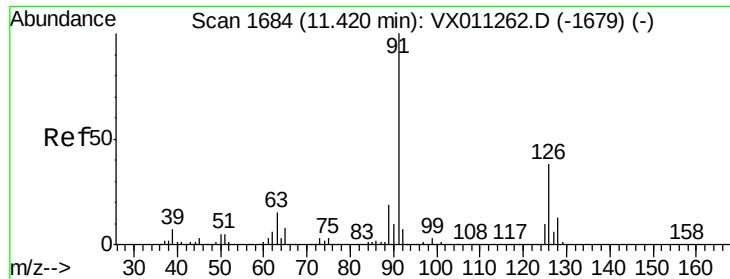
Tgt Ion: 75 Resp: 62543
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.1 63.4#



#78
 n-propylbenzene
 Concen: 0.218 ug/l
 RT: 11.35 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 91 Resp: 2143
 Ion Ratio Lower Upper
 91 100
 120 23.5 12.4 37.0

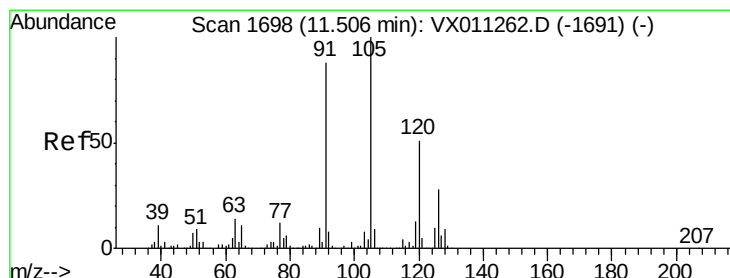
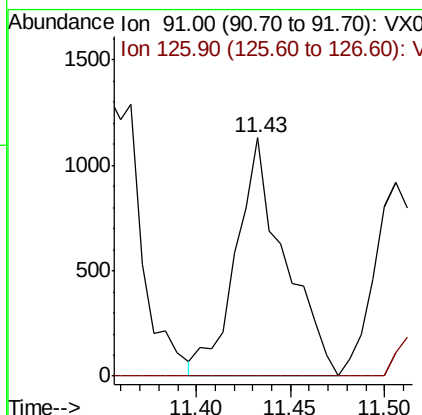
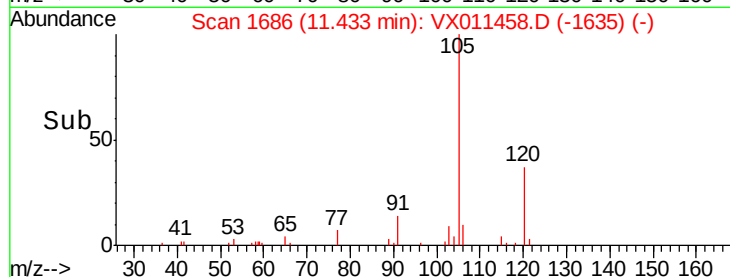
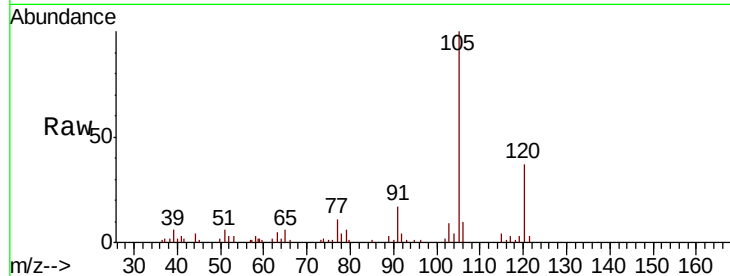




#79
 2-Chlorotoluene
 Concen: 0.346 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

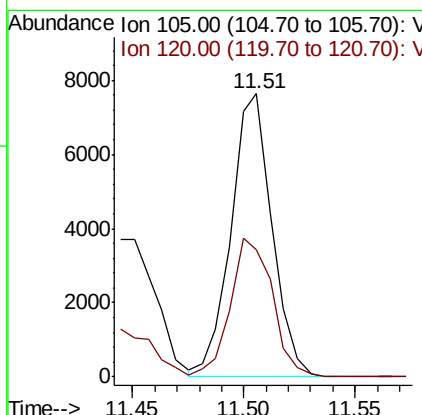
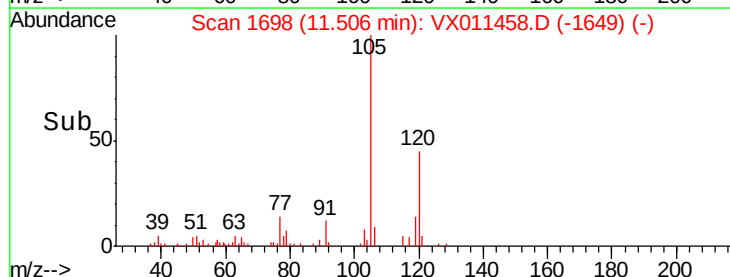
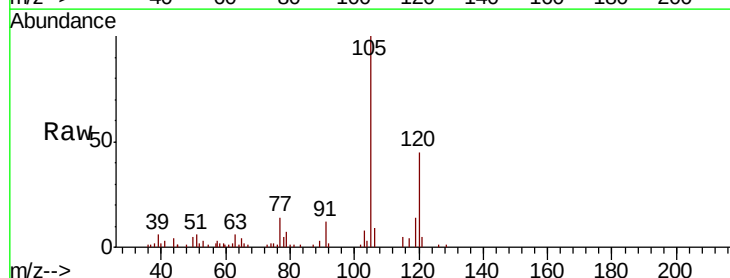
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

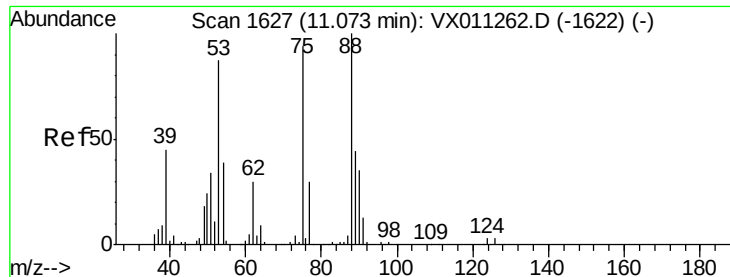
Tgt Ion: 91 Resp: 2022
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.325 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 105 Resp: 9793
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 69.144 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampled :

HR-05-080919-B

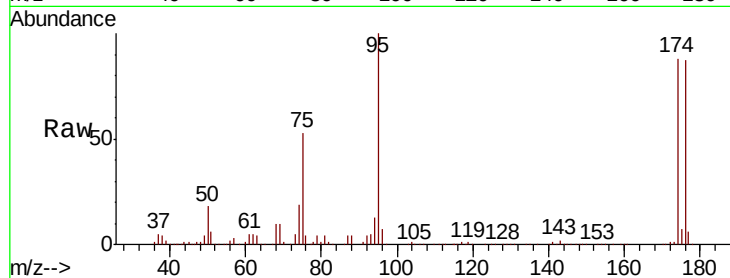
Tgt Ion: 75 Resp: 62543

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

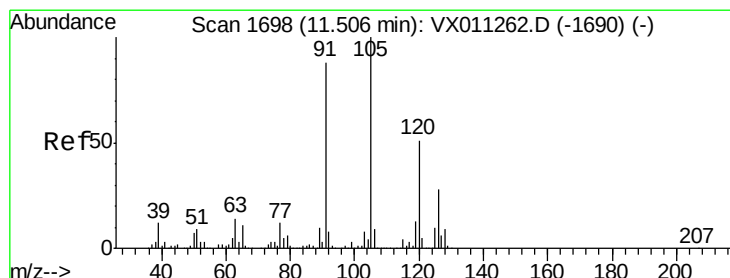
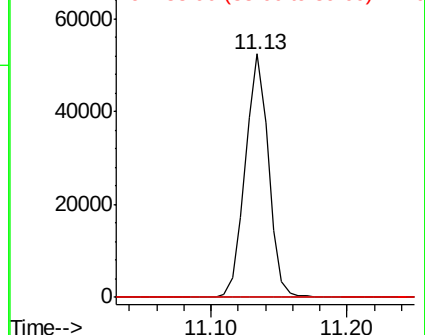
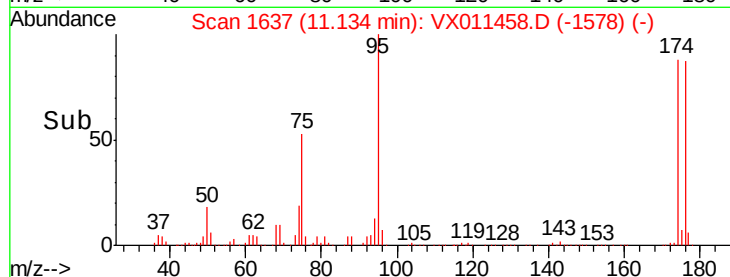
89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011458.D

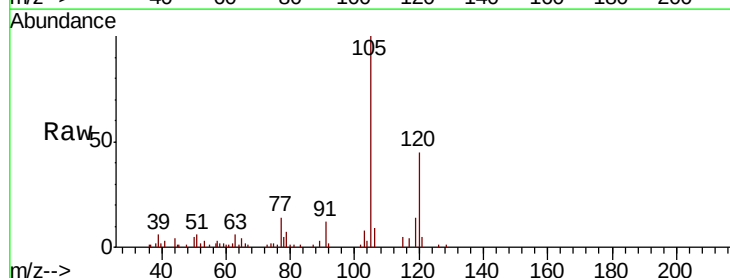
Acq: 12 Aug 2019 02:45

Tgt Ion: 91 Resp: 1404

Ion Ratio Lower Upper

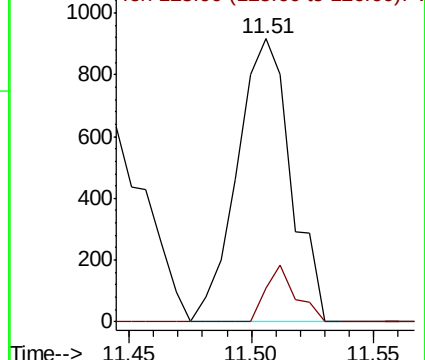
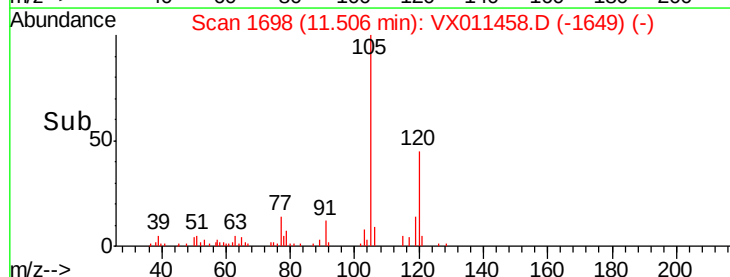
91 100

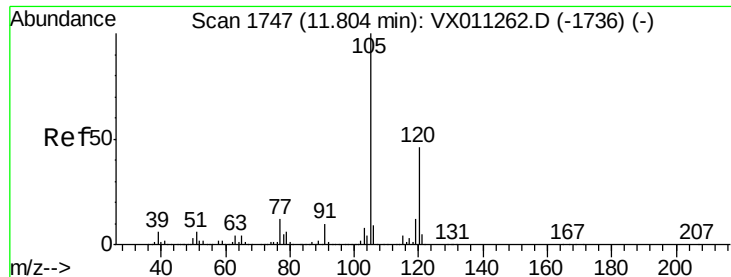
126 11.3 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

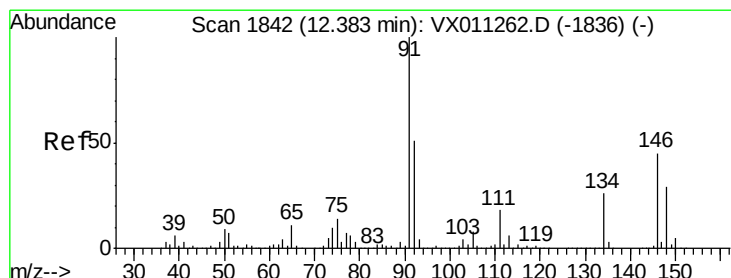
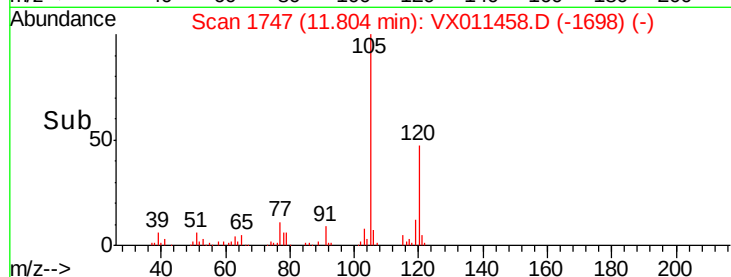
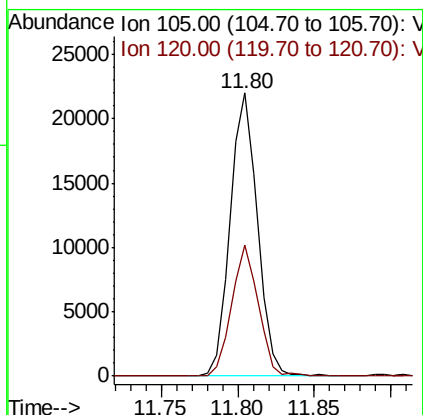
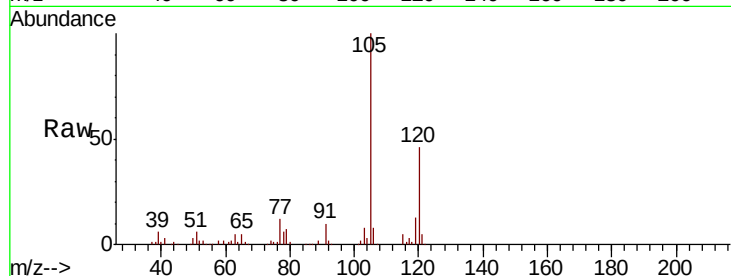




#84
 1,2,4-Trimethylbenzene
 Concen: 3.684 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

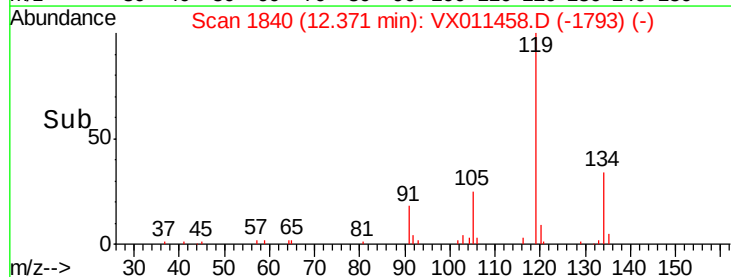
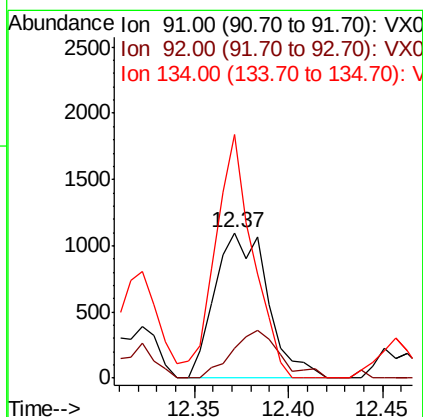
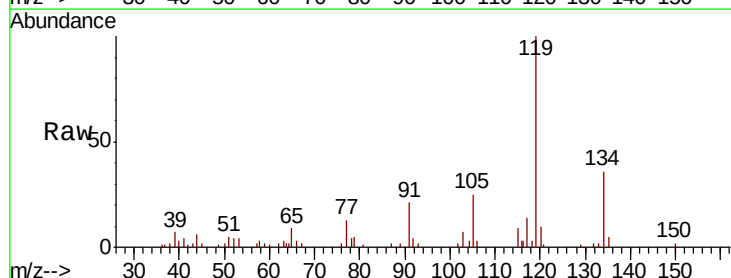
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-B

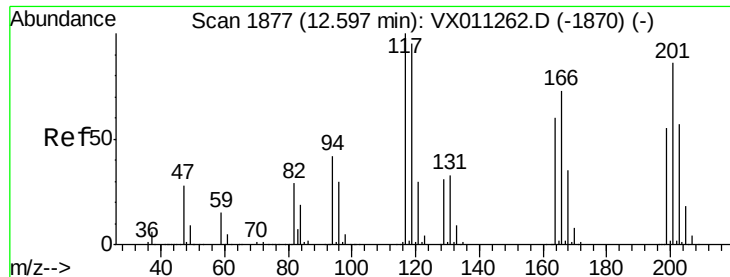
Tgt Ion: 105 Resp: 27102
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0



#89
 n-Butylbenzene
 Concen: 0.310 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX011458.D
 Acq: 12 Aug 2019 02:45

Tgt Ion: 91 Resp: 2142
 Ion Ratio Lower Upper
 91 100
 92 29.9 25.8 77.3
 134 119.0 13.7 41.0#





#90

Hexachloroethane

Concen: 0.332 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

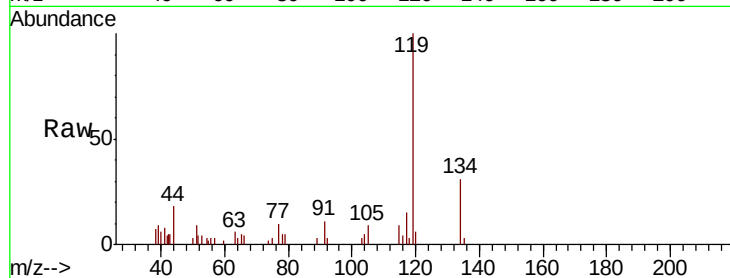
HR-05-080919-B

Tgt Ion:117 Resp: 393

Ion Ratio Lower Upper

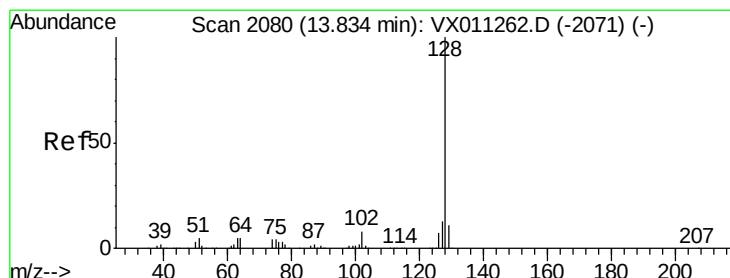
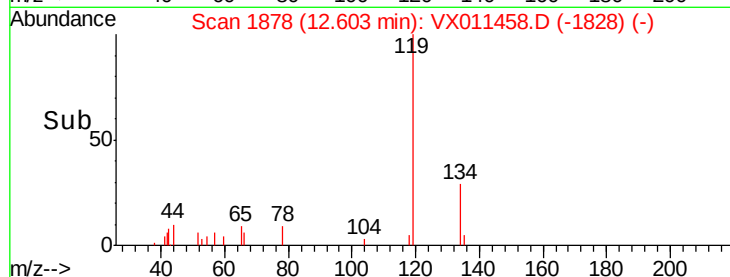
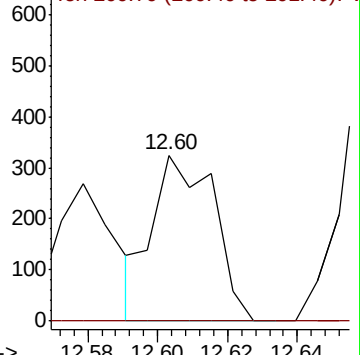
117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.056 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011458.D

Acq: 12 Aug 2019 02:45

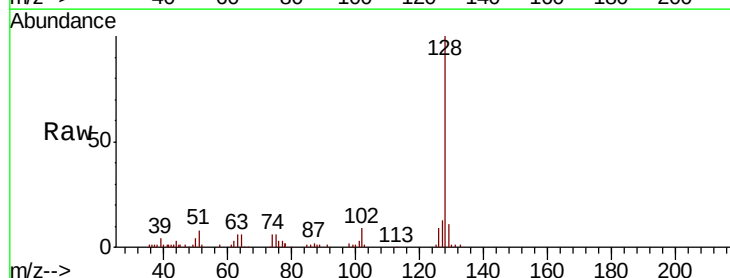
Tgt Ion:128 Resp: 17327

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 12.3 8.9 13.3



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

