

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX073019\
 Data File : VX011234.D
 Acq On : 31 Jul 2019 07:18
 Operator : JC/SP
 Sample : K3622-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

Quant Time: Jul 31 08:50:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139173	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	112008	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	95023	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	385777	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	128237	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.43	85	23	0.556	ug/l #	1
5) Bromomethane	1.67	94	352	0.298	ug/l #	45
6) Chloroethane	1.75	64	595	0.447	ug/l #	41
8) Diethyl Ether	2.19	74	997	0.816	ug/l	98
13) Acrolein	2.29	56	110	0.344	ug/l #	44
16) Acetone	2.44	43	6043	5.633	ug/l	95
18) Methyl Acetate	2.78	43	1028	0.421	ug/l	92
20) Methylene Chloride	2.86	84	17022	7.487	ug/l	98
25) 2-Butanone	4.70	43	1077	0.699	ug/l	98
30) Chloroform	5.21	83	2635	0.689	ug/l	100
36) 1,1-Dichloropropene	5.66	75	14929	5.595	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20888	7.513	ug/l #	17
39) Methylcyclohexane	7.46	83	1143	0.330	ug/l	91
43) Isopropyl Acetate	6.45	43	10043	2.235	ug/l #	92
47) Bromodichloromethane	7.90	83	580	0.219	ug/l #	70
48) Methyl methacrylate	7.68	41	4823	2.204	ug/l #	10
49) 1,4-Dioxane	7.80	88	19	0.310	ug/l #	28
51) 4-Methyl-2-Pentanone	8.61	43	49146	16.876	ug/l #	48
54) cis-1,3-Dichloropropene	8.61	75	24351	7.691	ug/l #	66
57) 1,3-Dichloropropane	9.54	76	5841	1.665	ug/l #	43
59) 2-Hexanone	9.44	43	7228	3.200	ug/l #	23
60) Dibromochloromethane	9.59	129	69	2.554	ug/l	84
67) Ethyl Benzene	10.25	91	6678	0.654	ug/l	91
68) m/p-Xylenes	10.35	106	12557	3.204	ug/l	100
69) o-Xylene	10.70	106	4786	1.251	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	64313	25.608	ug/l #	35
78) n-propylbenzene	11.36	91	3274	0.315	ug/l	97
79) 2-Chlorotoluene	11.43	91	2690	0.431	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	11240	1.430	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	64313	63.695	ug/l #	11
82) 4-Chlorotoluene	11.50	91	1543	0.212	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	39822	5.028	ug/l	99
85) sec-Butylbenzene	11.80	105	39822	4.403	ug/l #	55
90) Hexachloroethane	12.58	117	527	0.400	ug/l #	6

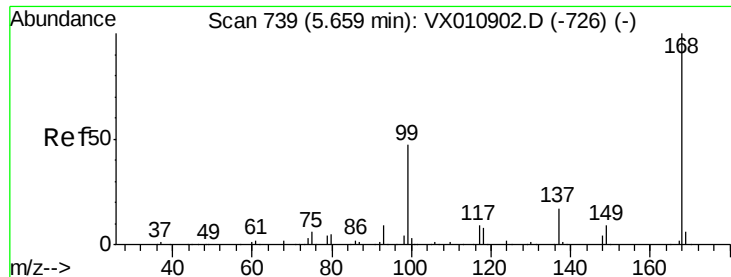
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011234.D
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	21463	2.404	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

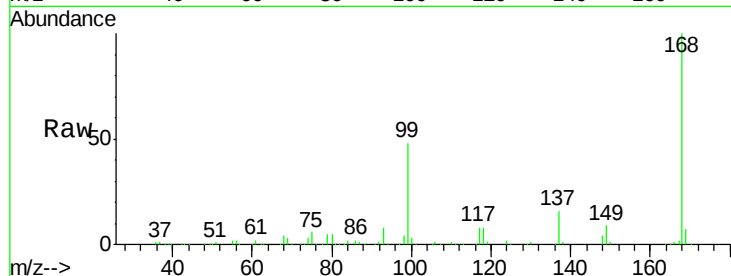
OR-03-072919-B

Tgt Ion:168 Resp: 223267

Ion Ratio Lower Upper

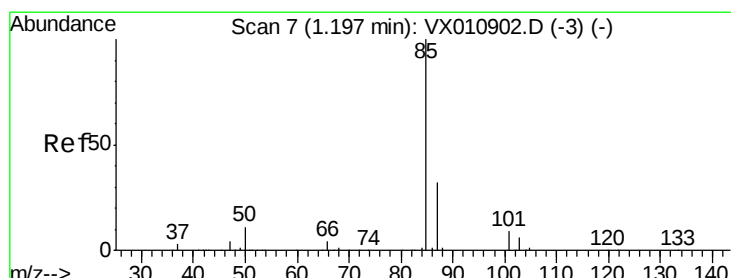
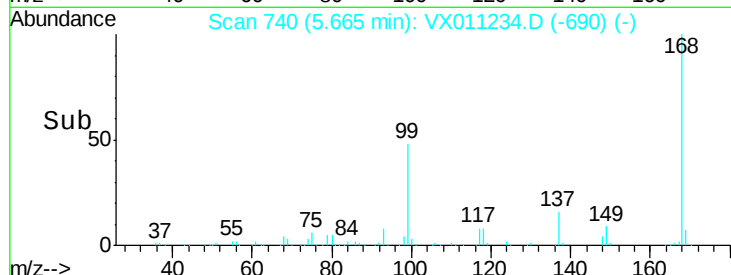
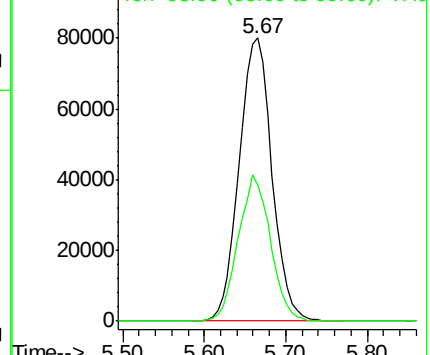
168 100

99 48.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.556 ug/l

RT: 1.43 min Scan# 45

Delta R.T. 0.23 min

Lab File: VX011234.D

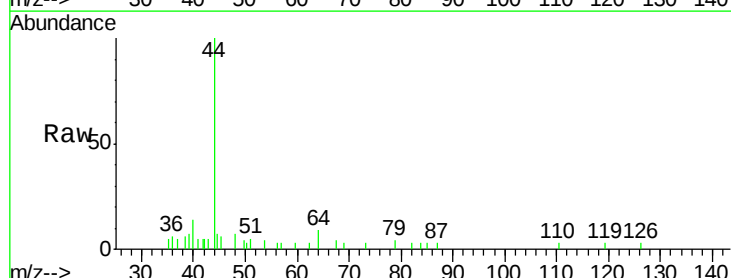
Acq: 31 Jul 2019 07:18

Tgt Ion: 85 Resp: 23

Ion Ratio Lower Upper

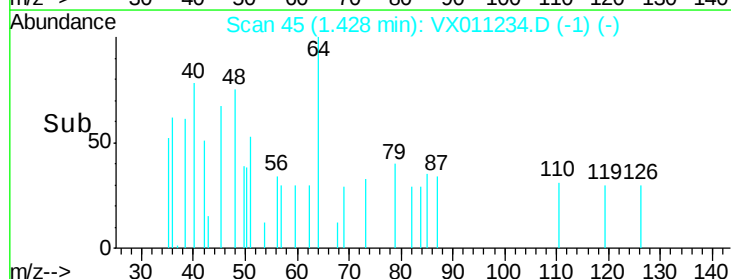
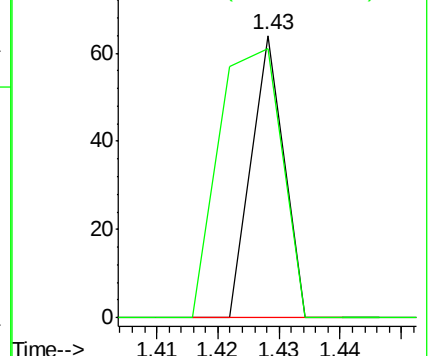
85 100

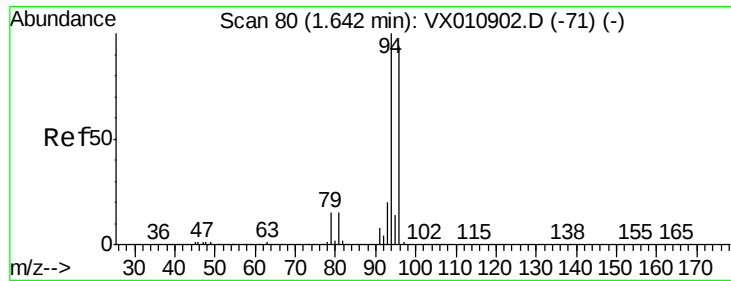
87 95.3 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.298 ug/l

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

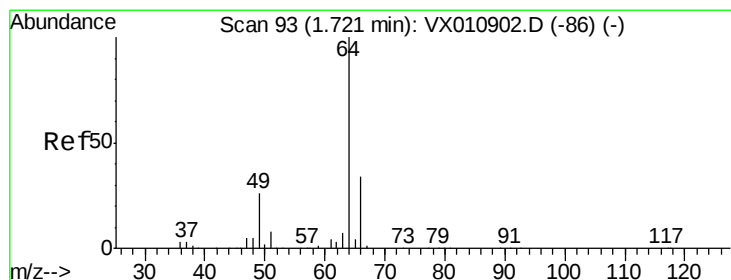
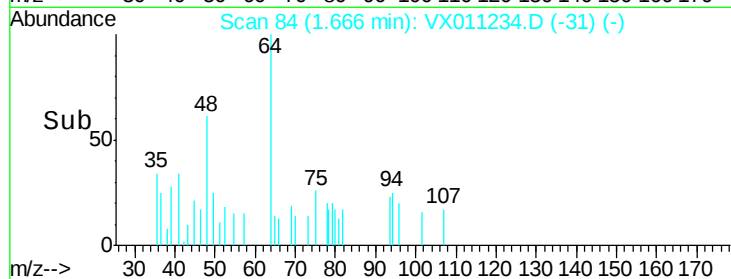
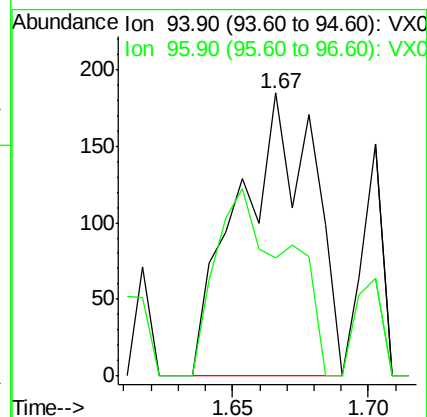
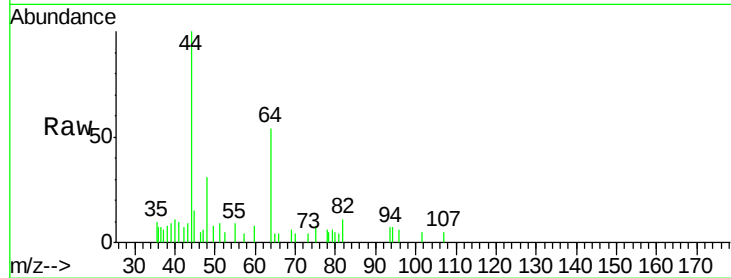
OR-03-072919-B

Tgt Ion: 94 Resp: 352

Ion Ratio Lower Upper

94 100

96 41.6 75.6 113.4#



#6

Chloroethane

Concen: 0.447 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.03 min

Lab File: VX011234.D

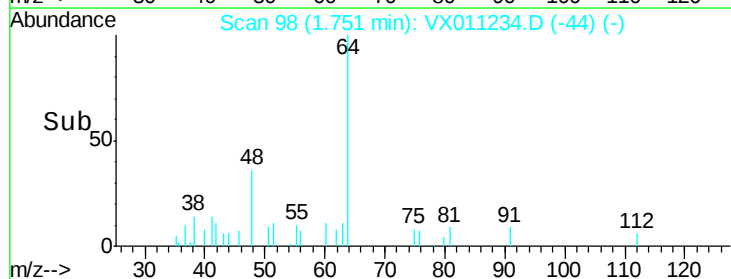
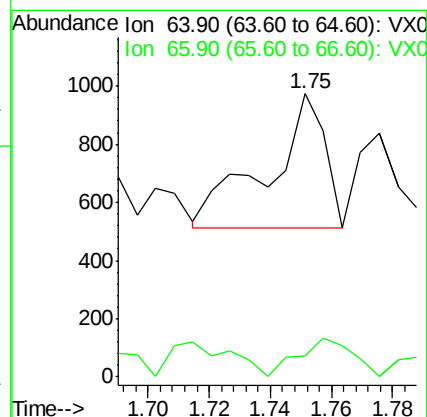
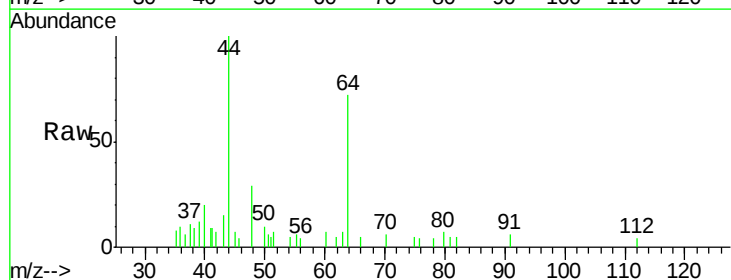
Acq: 31 Jul 2019 07:18

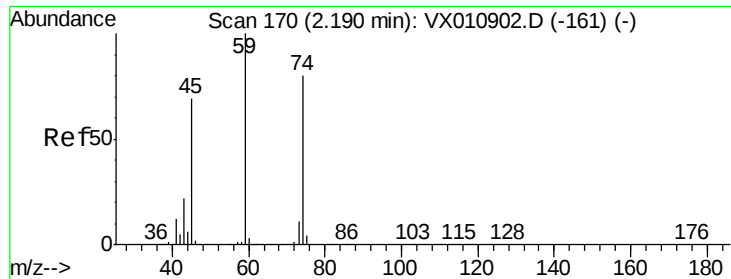
Tgt Ion: 64 Resp: 595

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#





#8

Diethyl Ether

Concen: 0.816 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

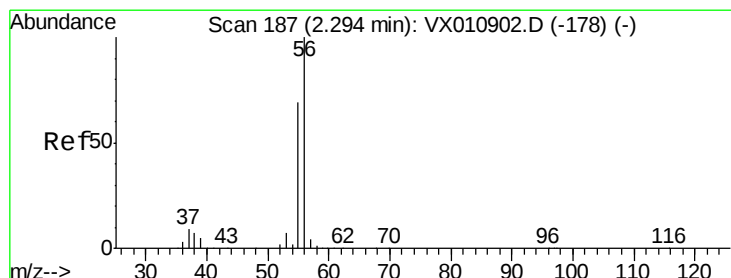
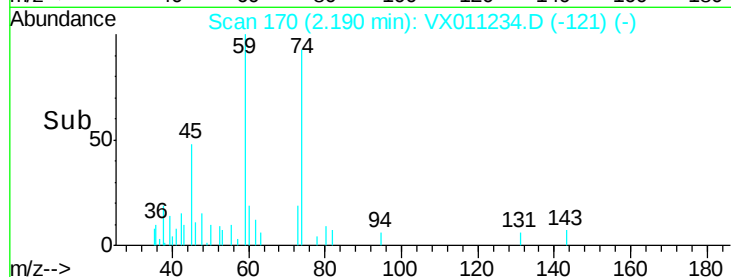
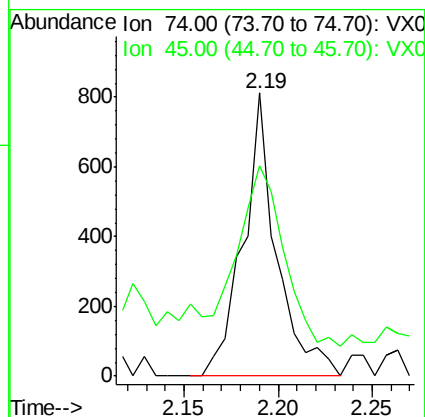
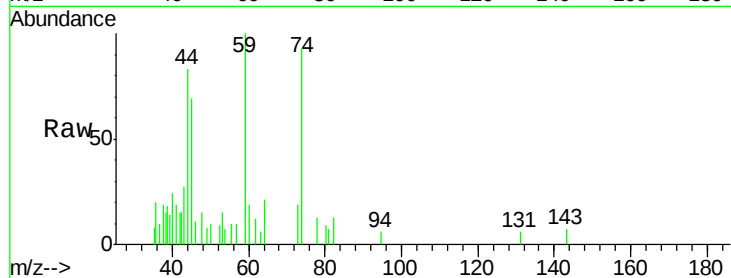
OR-03-072919-B

Tgt Ion: 74 Resp: 997

Ion Ratio Lower Upper

74 100

45 88.8 45.5 136.5



#13

Acrolein

Concen: 0.344 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011234.D

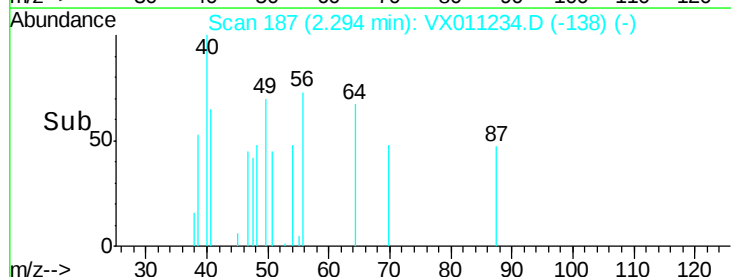
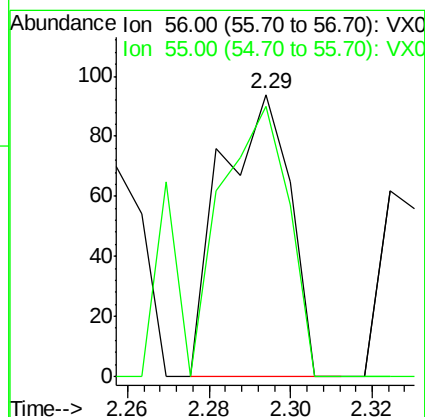
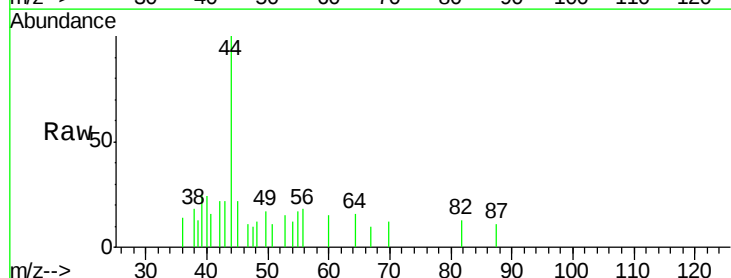
Acq: 31 Jul 2019 07:18

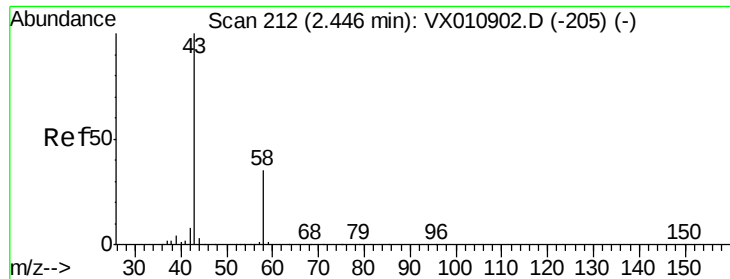
Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 115.5 55.9 83.9#





#16

Acetone

Concen: 5.633 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

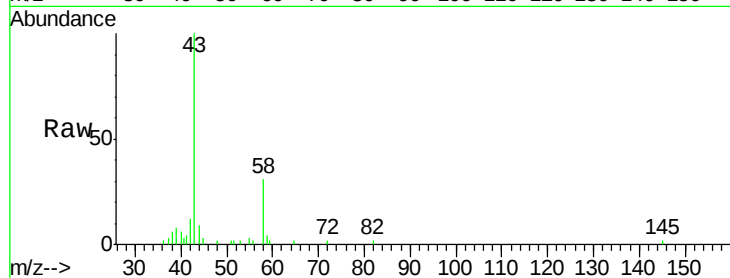
OR-03-072919-B

Tgt Ion: 43 Resp: 6043

Ion Ratio Lower Upper

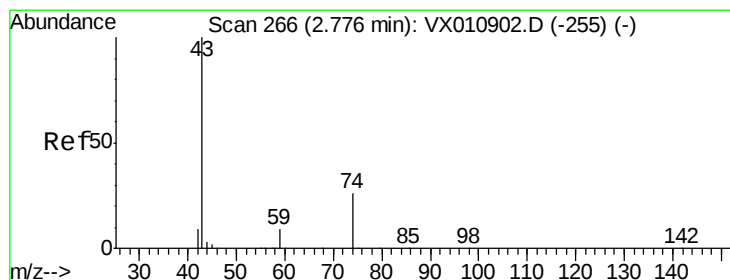
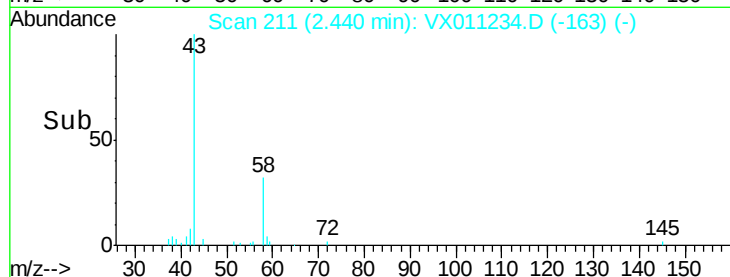
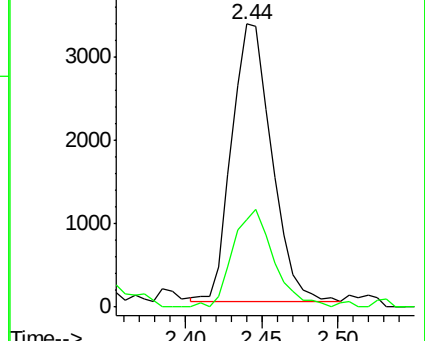
43 100

58 31.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.421 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX011234.D

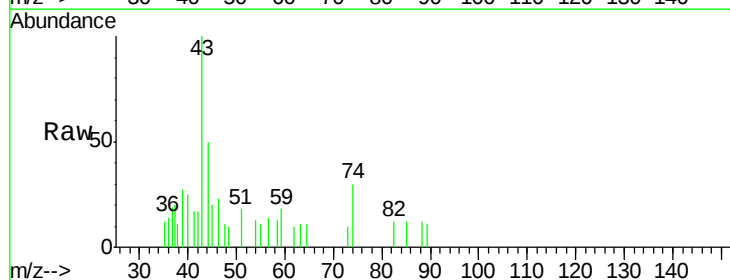
Acq: 31 Jul 2019 07:18

Tgt Ion: 43 Resp: 1028

Ion Ratio Lower Upper

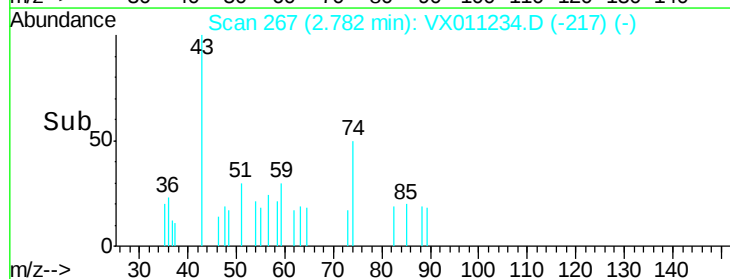
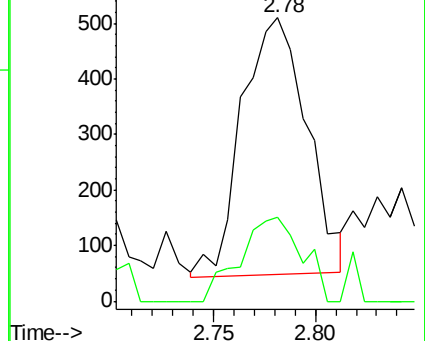
43 100

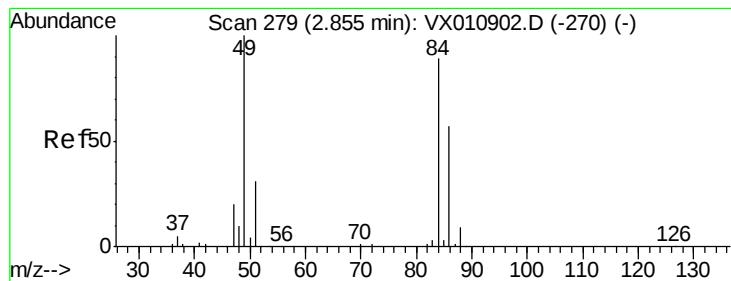
74 31.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 7.487 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

Tgt Ion: 84 Resp: 17022

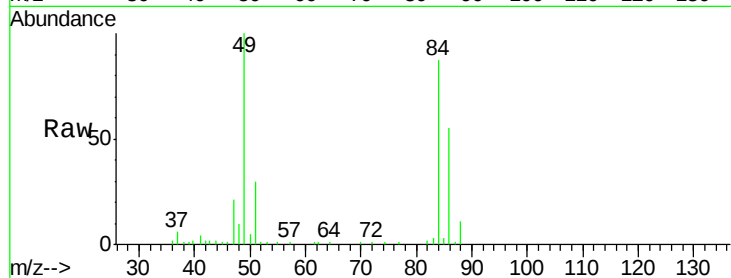
Ion Ratio Lower Upper

84 100

49 115.4 89.9 134.9

51 33.9 27.8 41.6

86 63.5 51.8 77.6

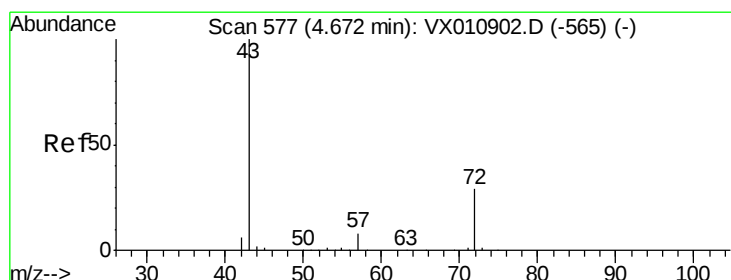
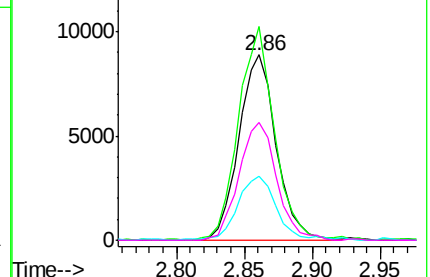
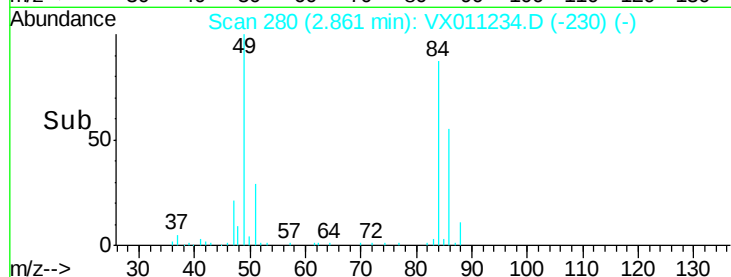


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.699 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX011234.D

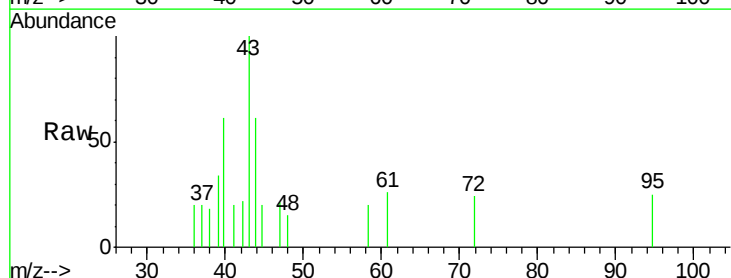
Acq: 31 Jul 2019 07:18

Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

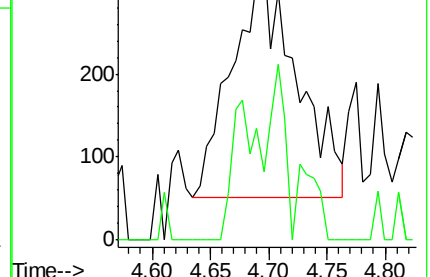
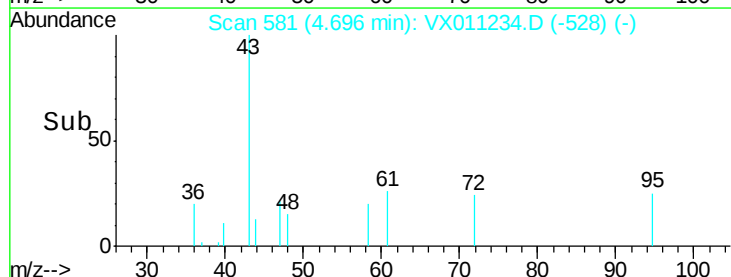
43 100

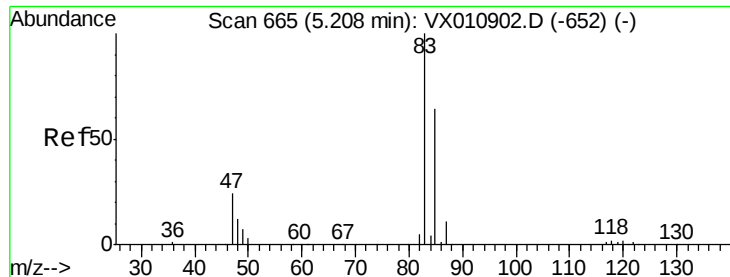
72 27.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

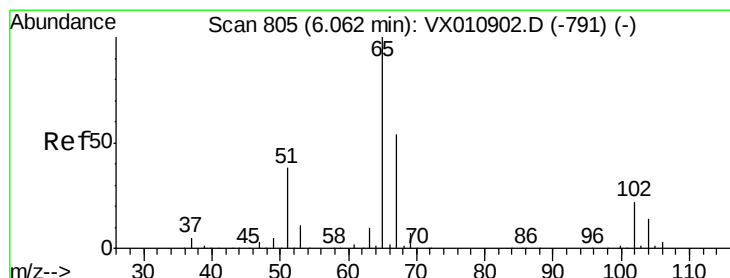
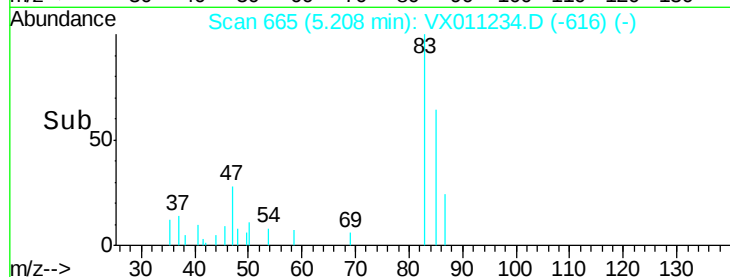
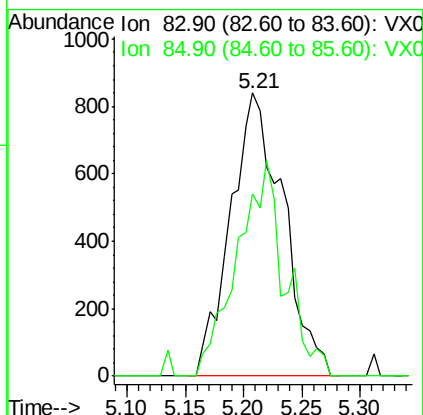
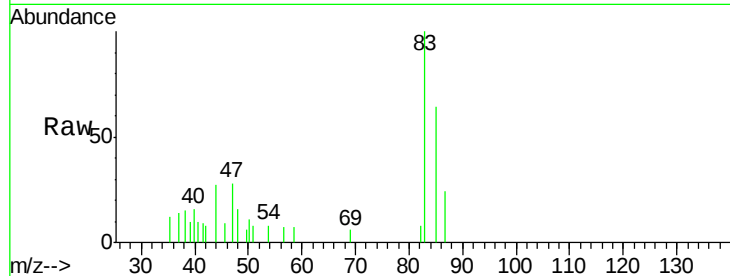




#30
Chloroform
Concen: 0.689 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

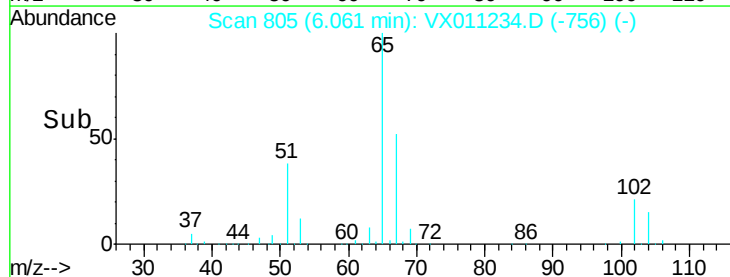
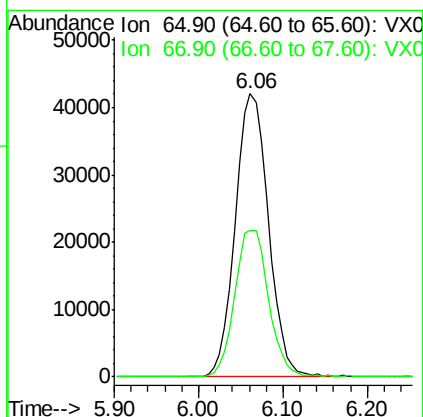
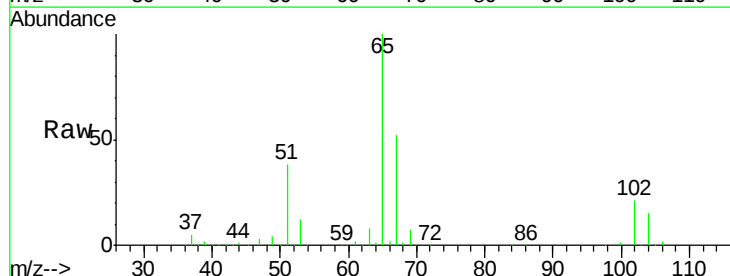
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

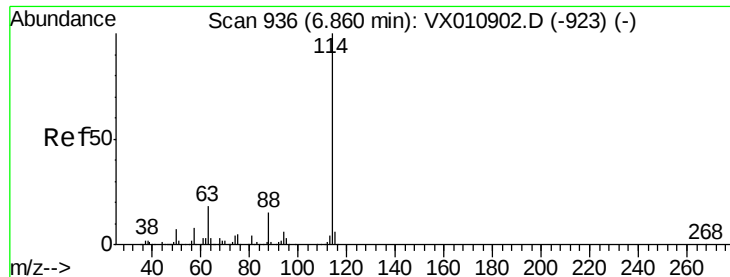
Tgt Ion: 83 Resp: 2635
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.157 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 65 Resp: 112008
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

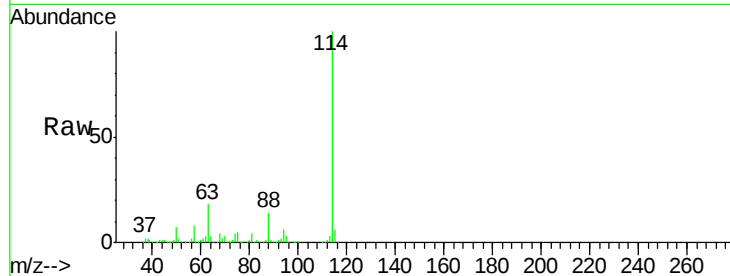
Tgt Ion:114 Resp: 324839

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

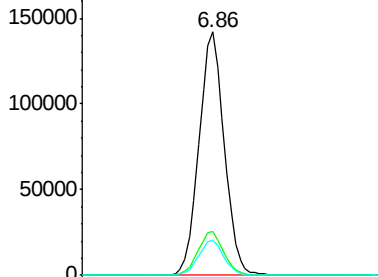
88 14.3 0.0 29.8



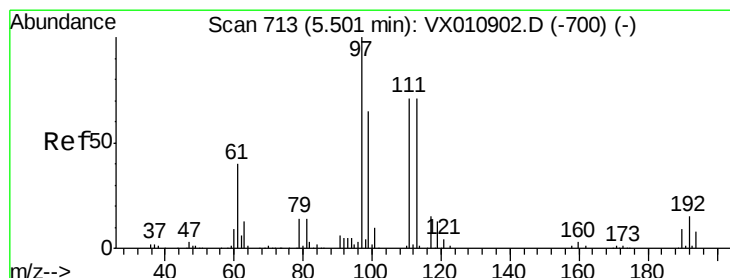
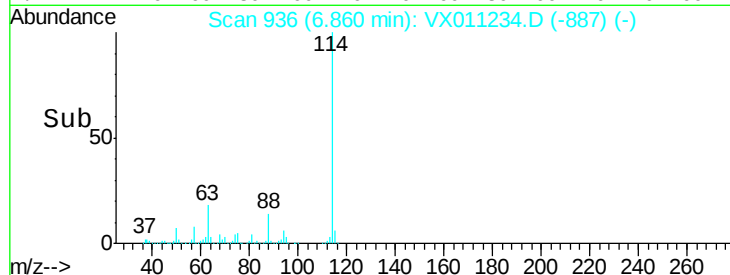
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 46.087 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

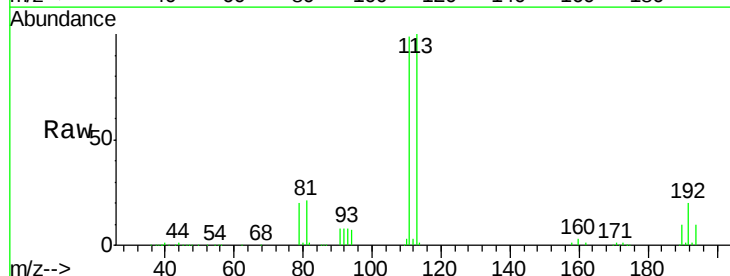
Tgt Ion:113 Resp: 95023

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

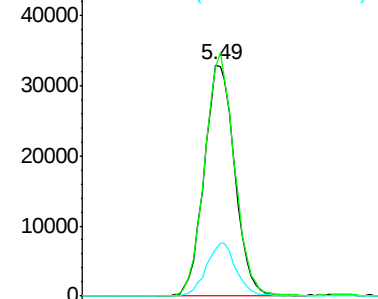
192 22.3 17.4 26.2



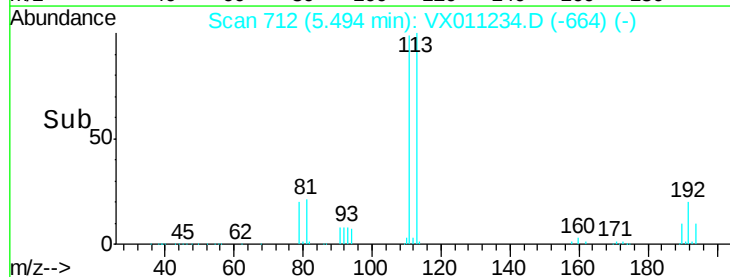
Abundance Ion 112.80 (112.50 to 113.50): V

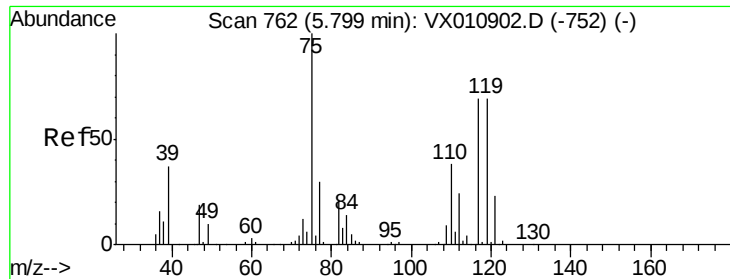
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

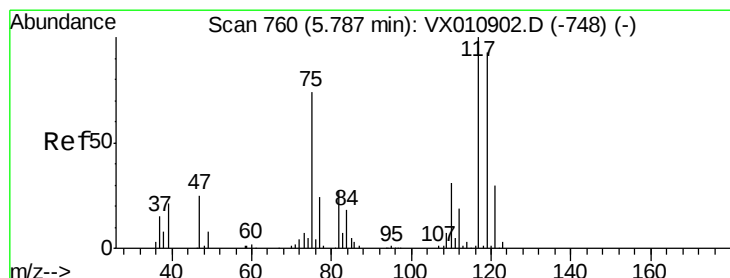
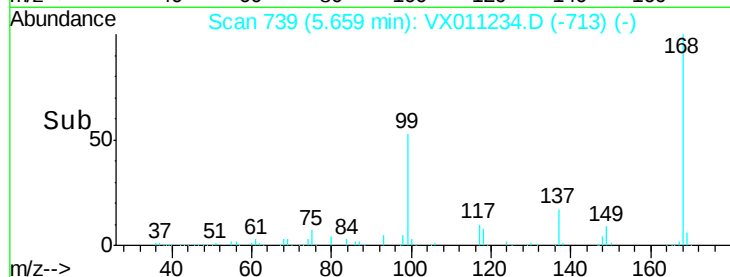
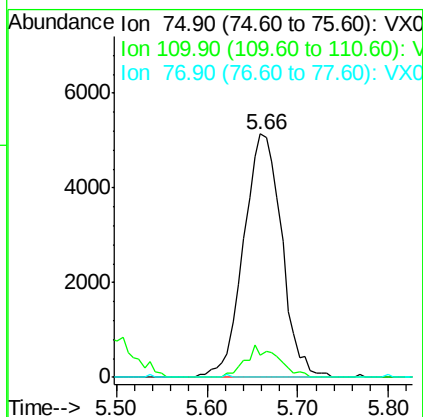
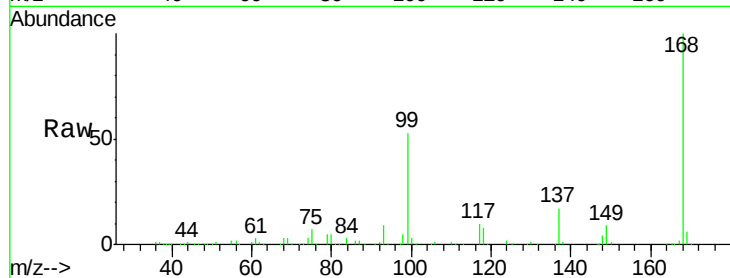




#36
 1,1-Dichloropropene
 Concen: 5.595 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

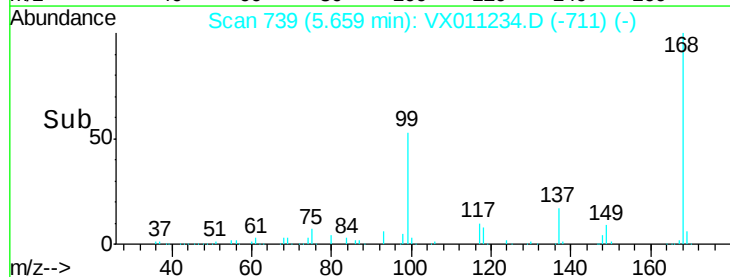
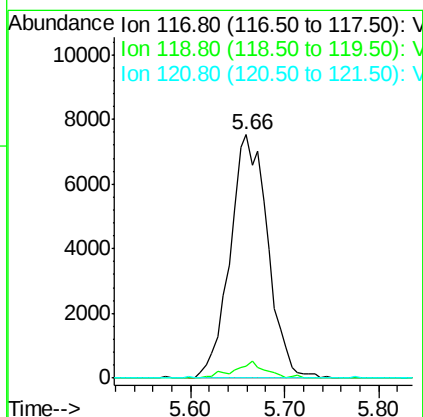
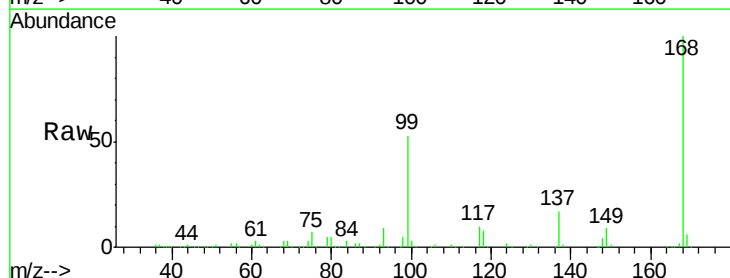
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

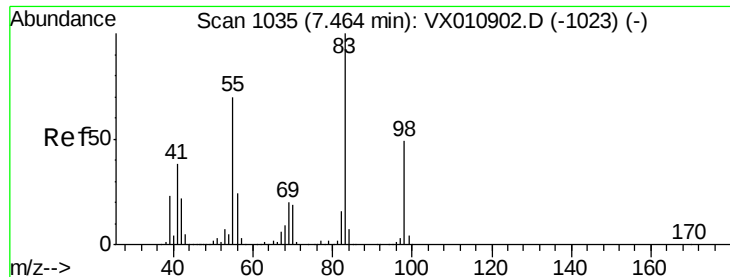
Tgt Ion: 75 Resp: 14929
 Ion Ratio Lower Upper
 75 100
 110 11.2 19.9 59.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.513 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion: 117 Resp: 20888
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.2 111.2#
 121 0.0 24.2 36.2#

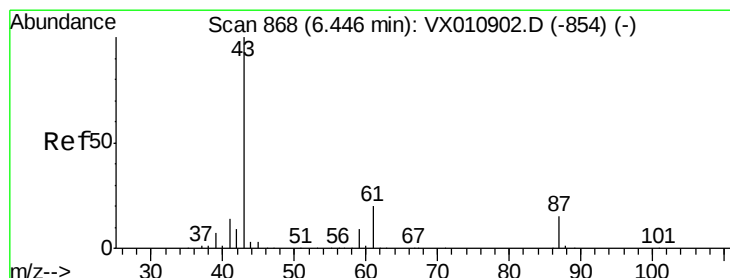
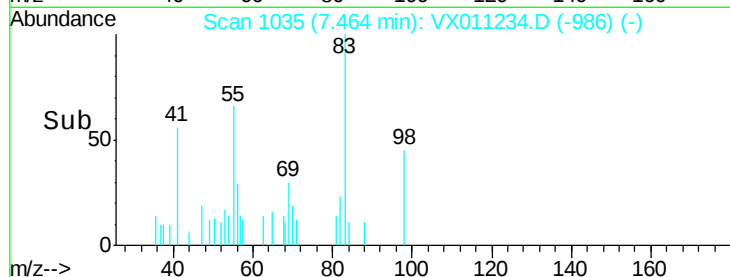
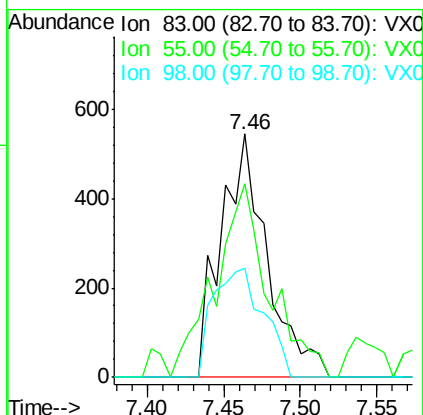
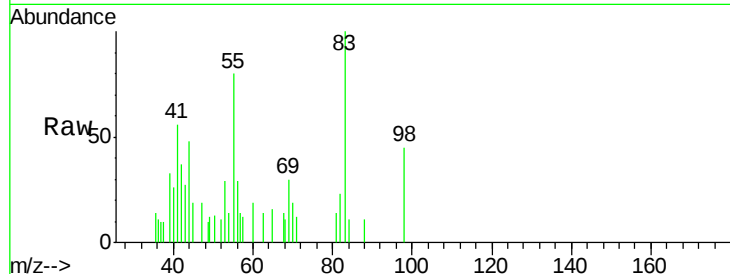




#39
Methylcyclohexane
Concen: 0.330 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

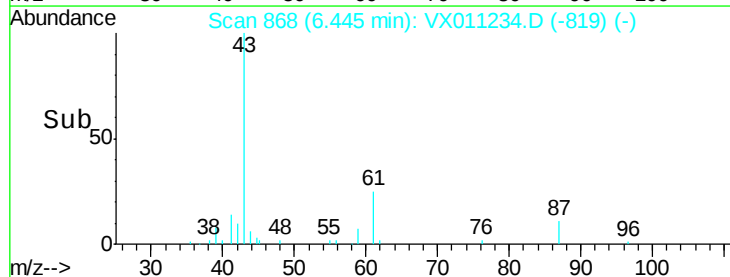
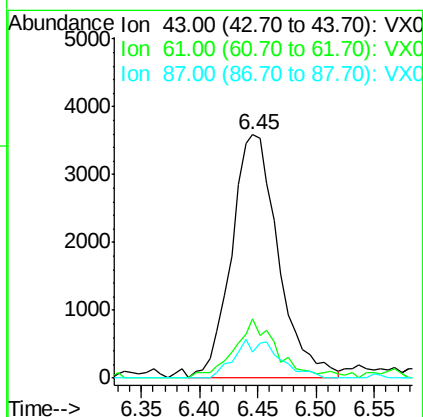
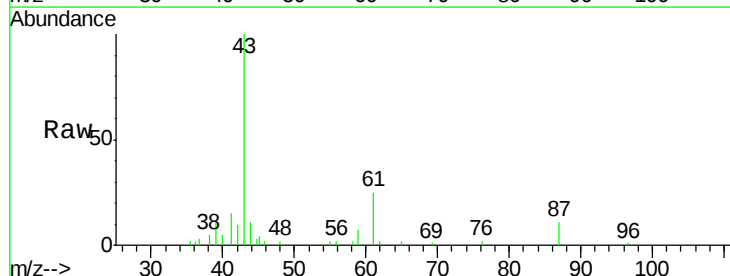
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

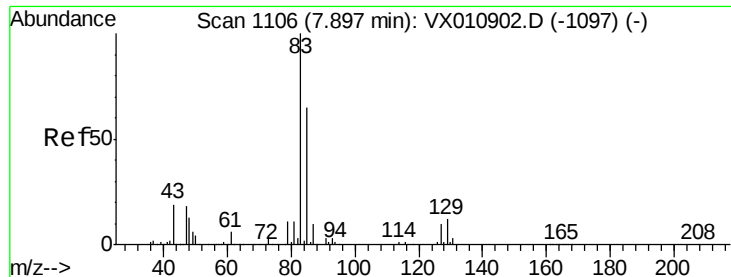
Tgt Ion: 83 Resp: 1143
Ion Ratio Lower Upper
83 100
55 79.6 56.2 84.4
98 45.0 39.0 58.4



#43
Isopropyl Acetate
Concen: 2.235 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 43 Resp: 10043
Ion Ratio Lower Upper
43 100
61 21.7 17.1 25.7
87 6.8 12.0 18.0#





#47

Bromodichloromethane

Concen: 0.219 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

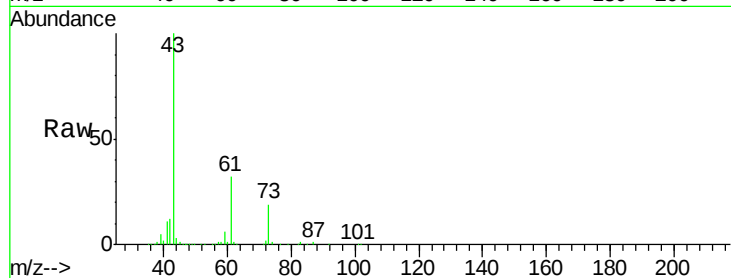
Tgt Ion: 83 Resp: 580

Ion Ratio Lower Upper

83 100

85 41.4 52.5 78.7#

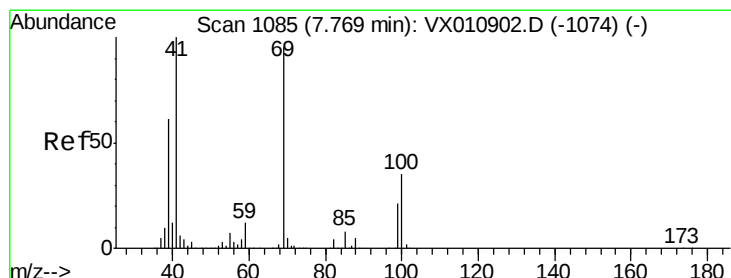
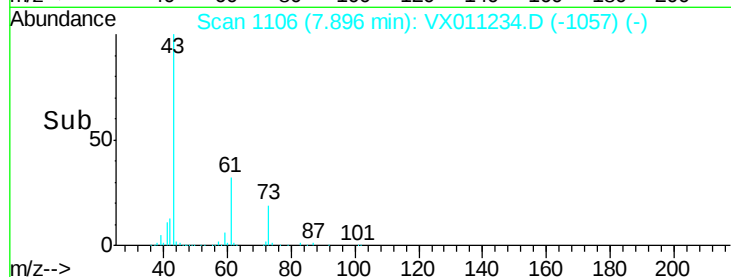
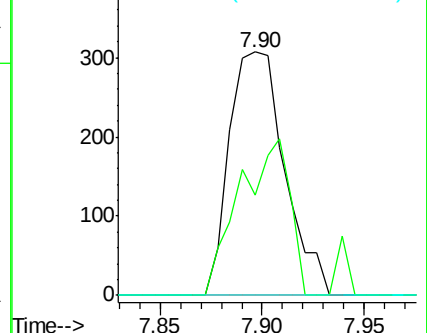
127 0.0 7.8 11.8#



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: 2.204 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

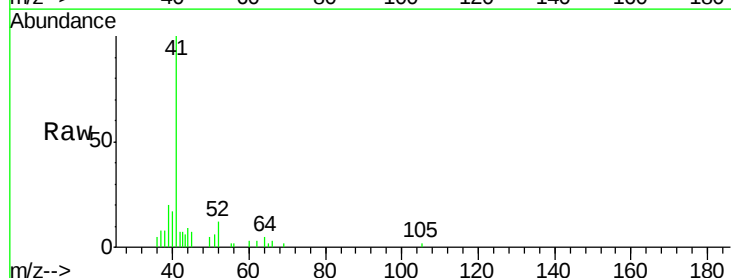
Tgt Ion: 41 Resp: 4823

Ion Ratio Lower Upper

41 100

69 0.9 74.4 111.6#

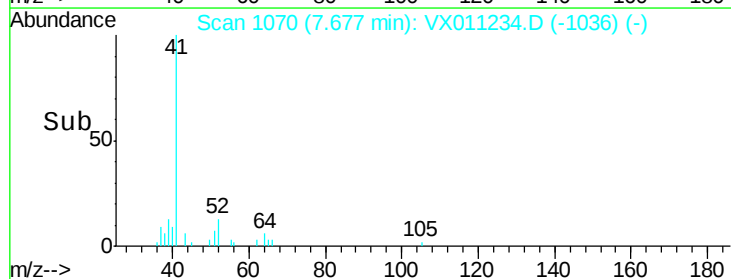
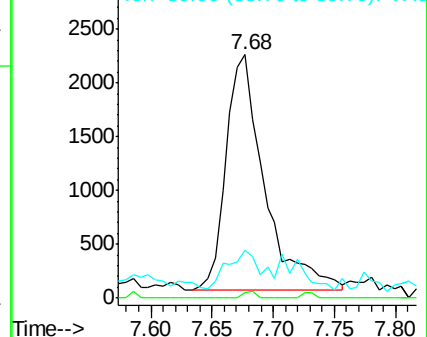
39 0.0 48.9 73.3#

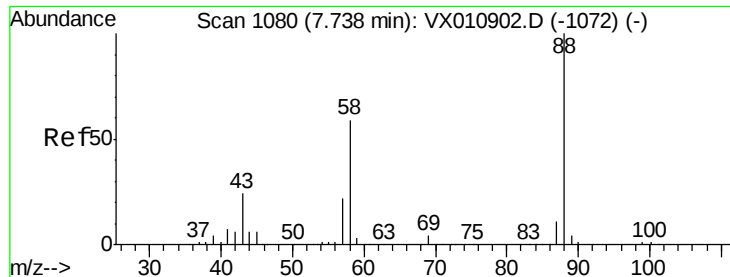


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

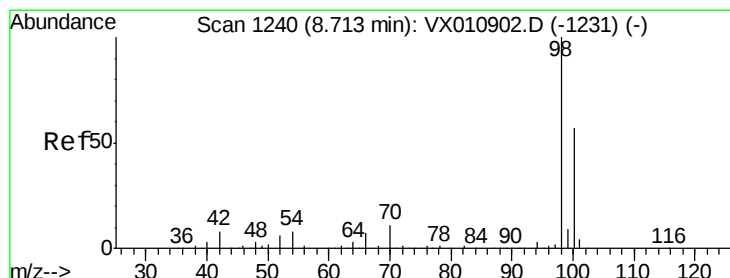
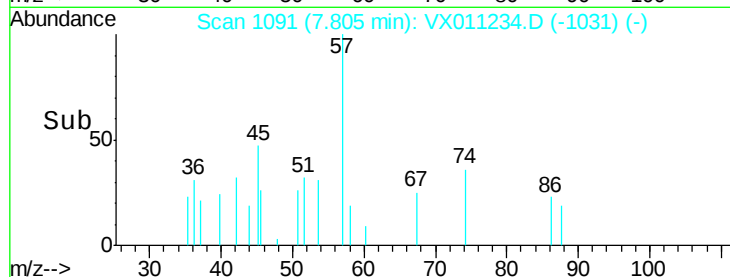
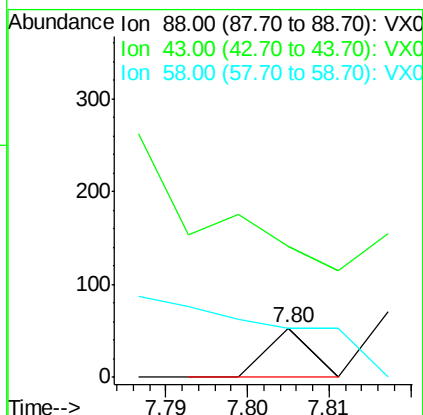
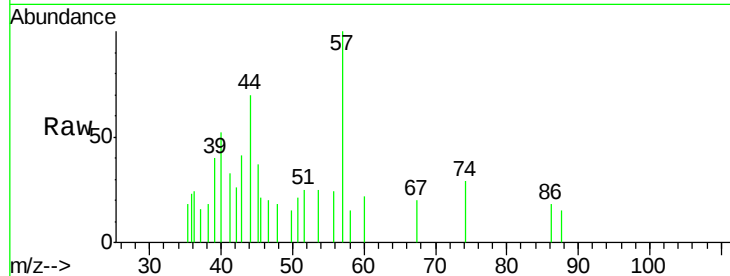




#49
1,4-Dioxane
Concen: 0.310 ug/l
RT: 7.80 min Scan# 1091
Delta R.T. 0.07 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

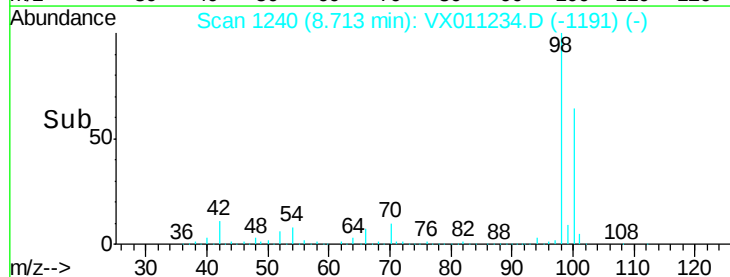
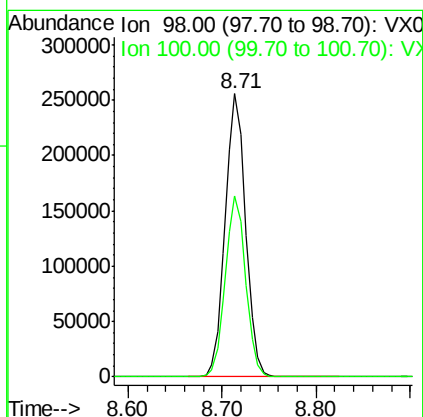
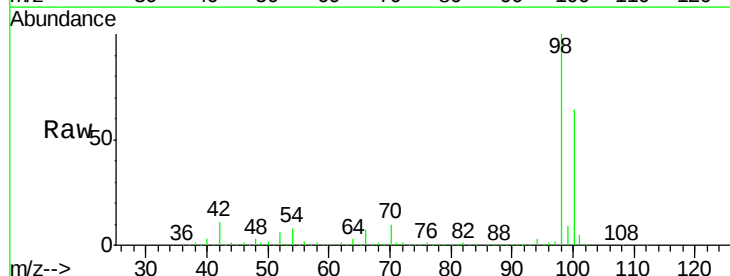
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

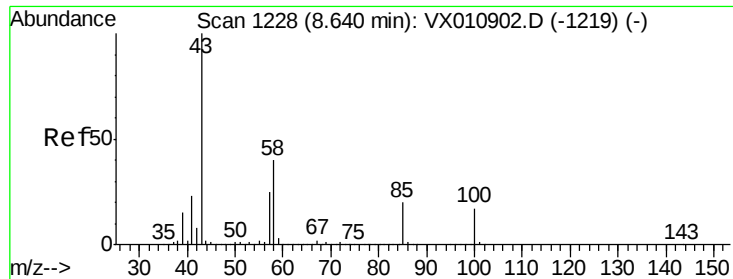
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 49.8 74.8#



#50
Toluene-d8
Concen: 49.886 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 98 Resp: 385777
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8

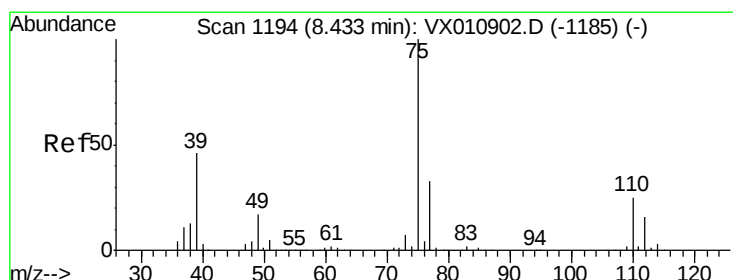
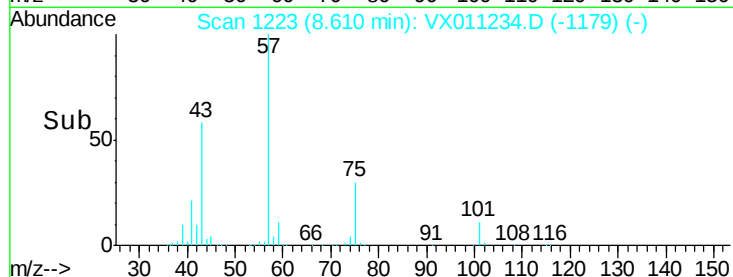
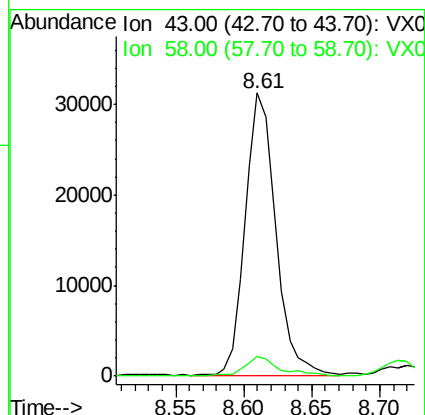
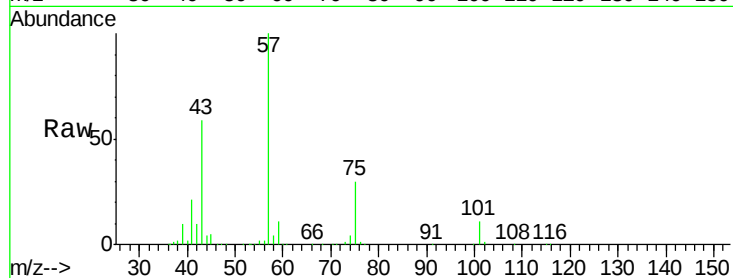




#51
 4-Methyl-2-Pentanone
 Concen: 16.876 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

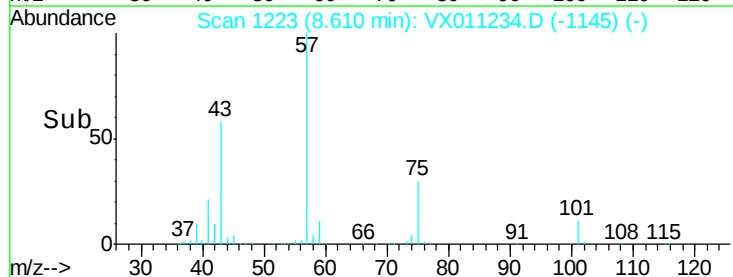
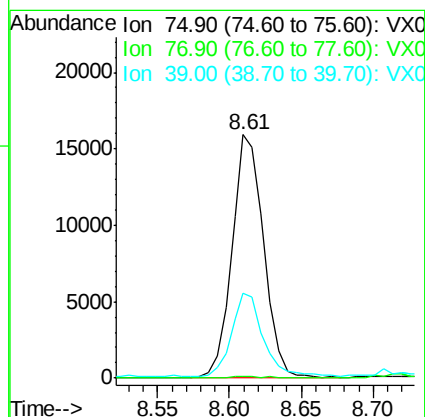
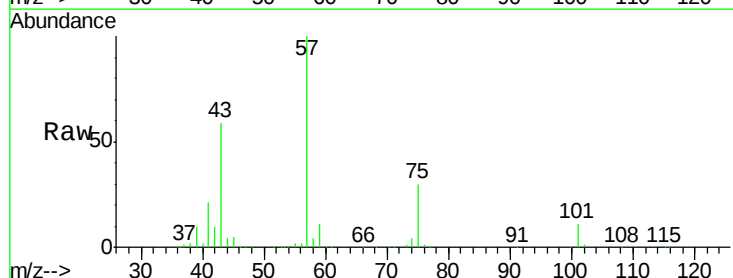
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

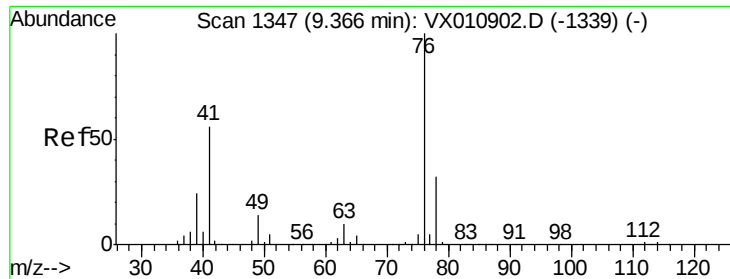
Tgt Ion: 43 Resp: 49146
 Ion Ratio Lower Upper
 43 100
 58 8.1 32.2 48.4#



#54
 cis-1,3-Dichloropropene
 Concen: 7.691 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion: 75 Resp: 24351
 Ion Ratio Lower Upper
 75 100
 77 0.8 26.1 39.1#
 39 34.1 36.6 54.8#

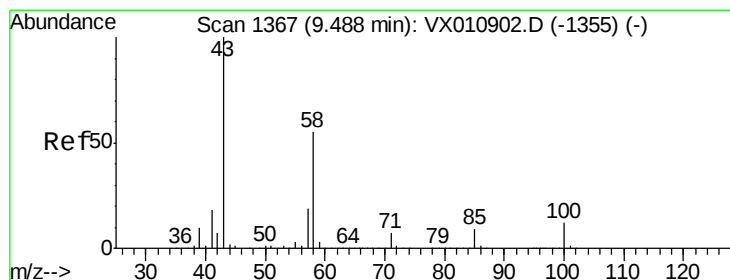
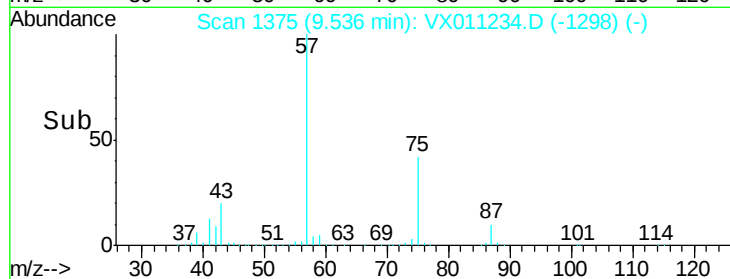
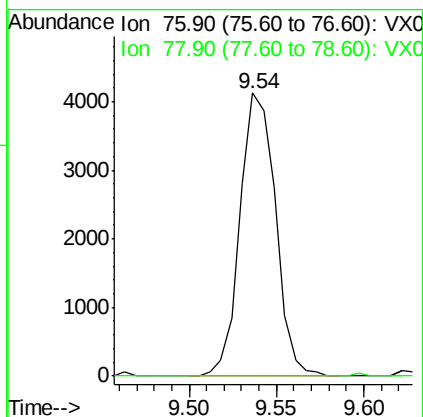
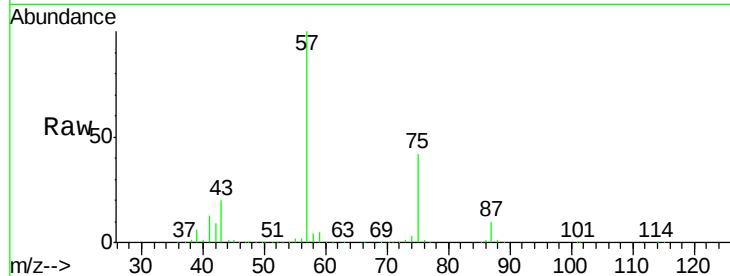




#57
 1,3-Dichloropropane
 Concen: 1.665 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.17 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

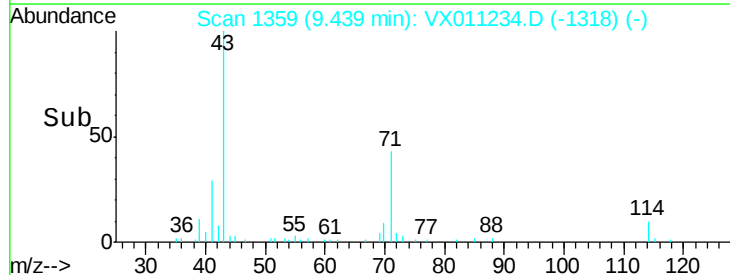
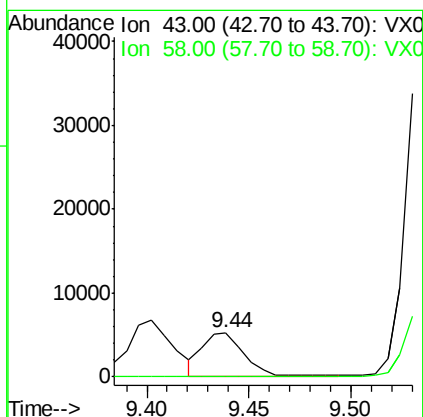
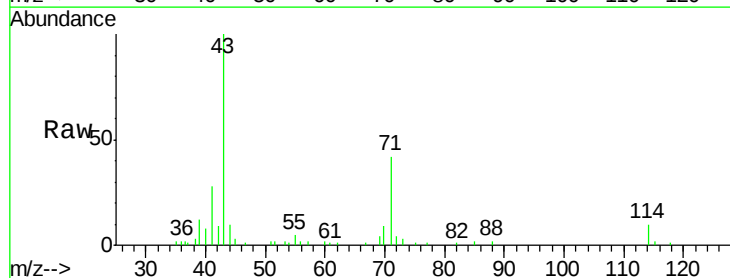
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

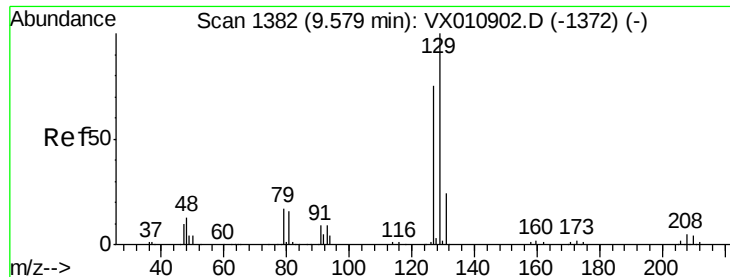
Tgt Ion: 76 Resp: 5841
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 3.200 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion: 43 Resp: 7228
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.0 83.9#





#60

Dibromochloromethane

Concen: 2.554 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

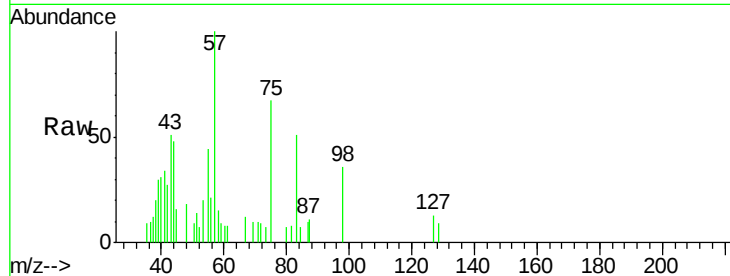
OR-03-072919-B

Tgt Ion:129 Resp: 69

Ion Ratio Lower Upper

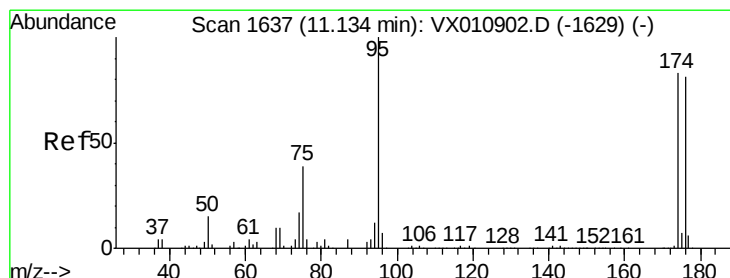
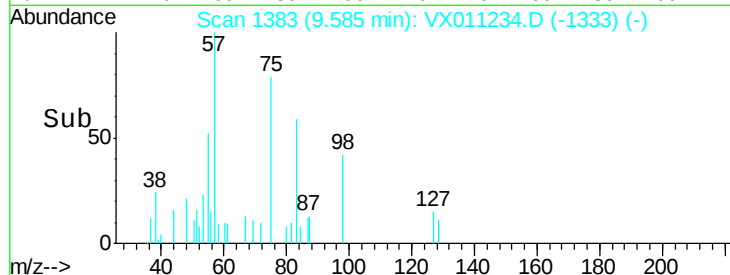
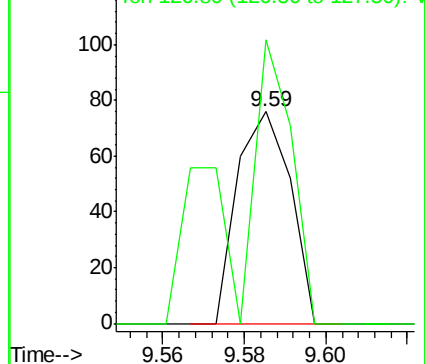
129 100

127 91.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.115 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

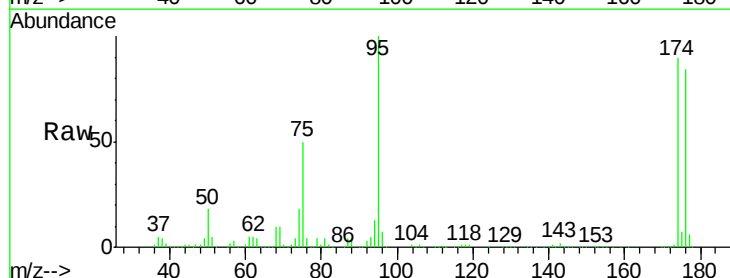
Tgt Ion: 95 Resp: 128237

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

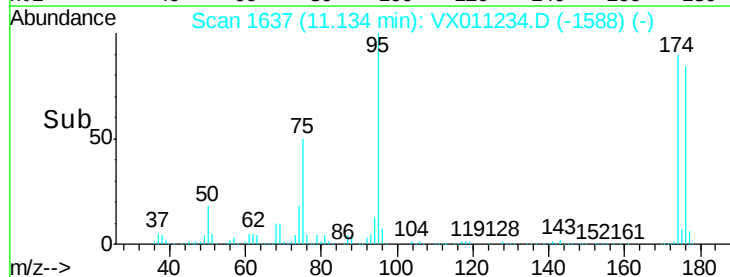
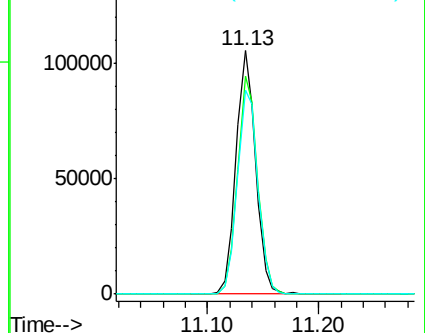
176 88.2 0.0 173.8

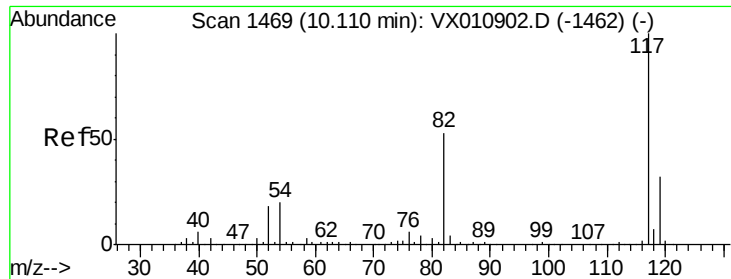


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

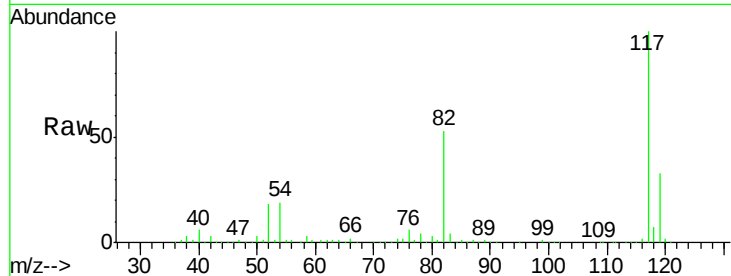




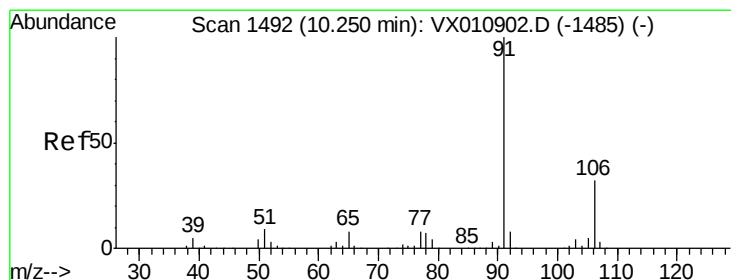
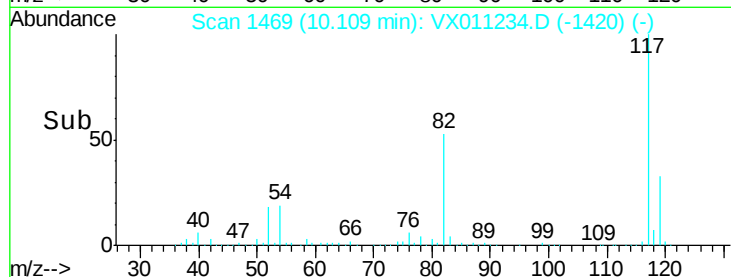
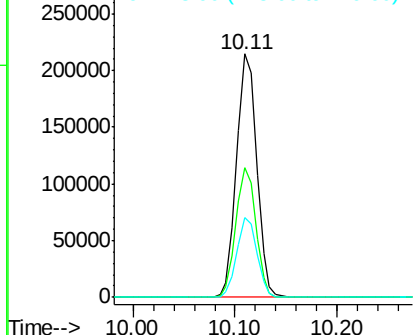
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

Tgt Ion: 117 Resp: 292216
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.5 25.9 38.9

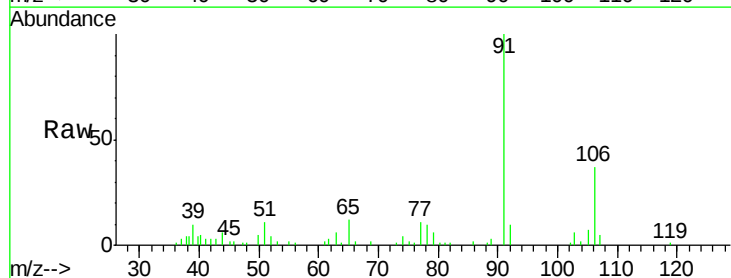


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

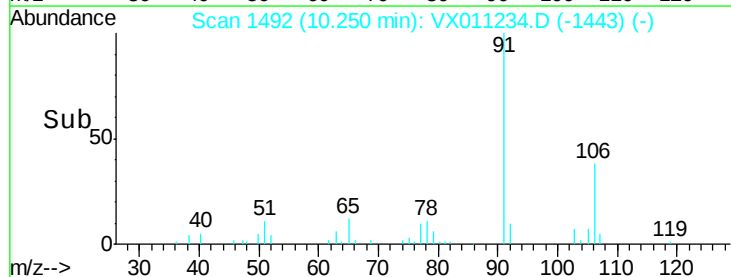
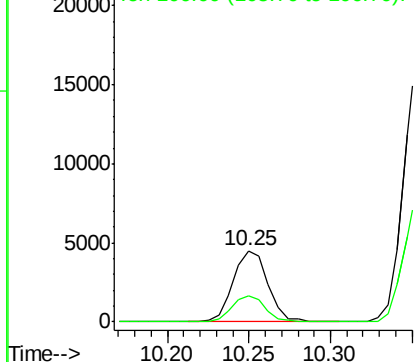


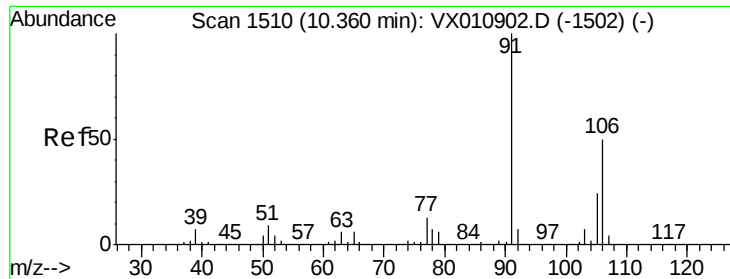
#67
Ethyl Benzene
Concen: 0.654 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 91 Resp: 6678
Ion Ratio Lower Upper
91 100
106 36.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

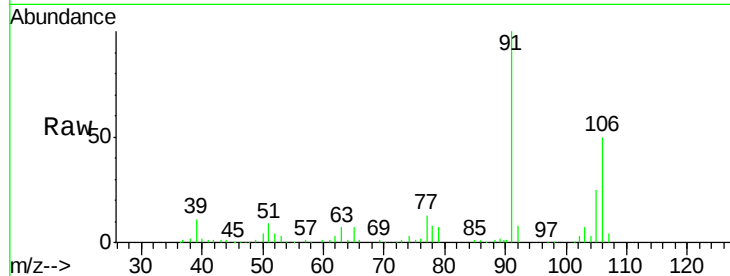




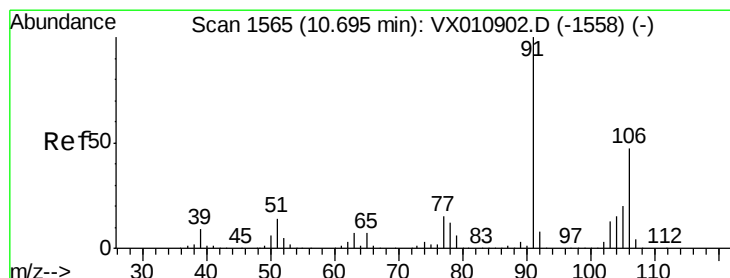
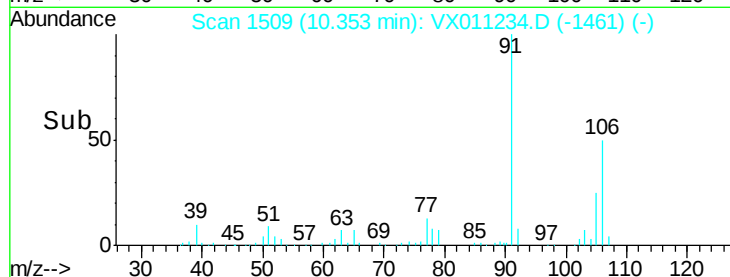
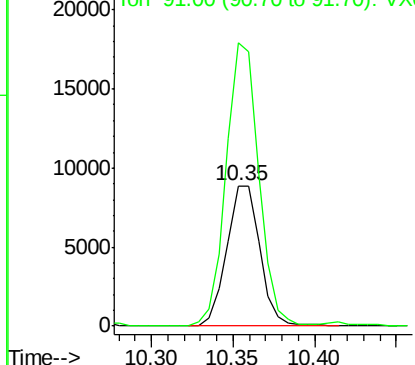
#68
m/p-Xylenes
Concen: 3.204 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

Tgt Ion:106 Resp: 12557
Ion Ratio Lower Upper
106 100
91 199.4 160.1 240.1

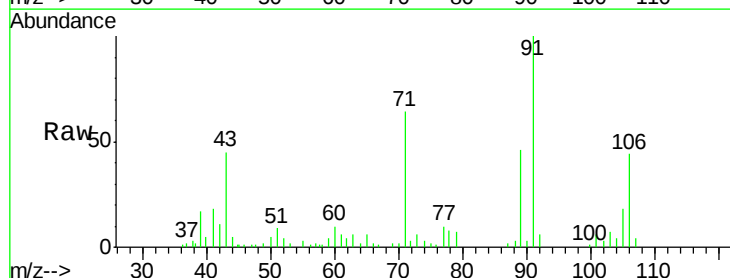


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

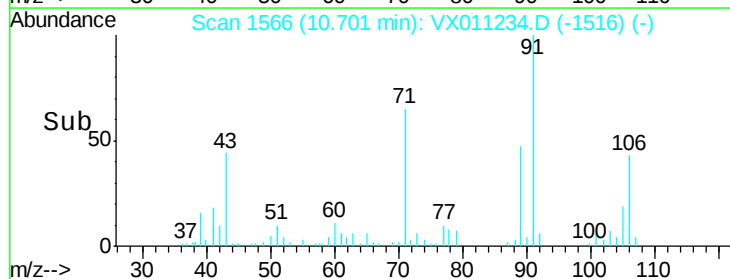
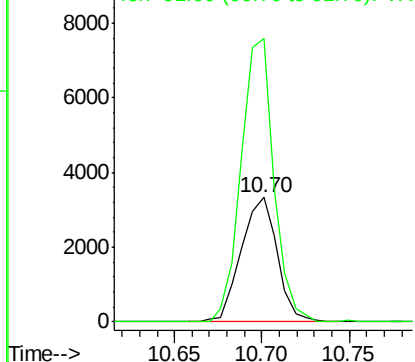


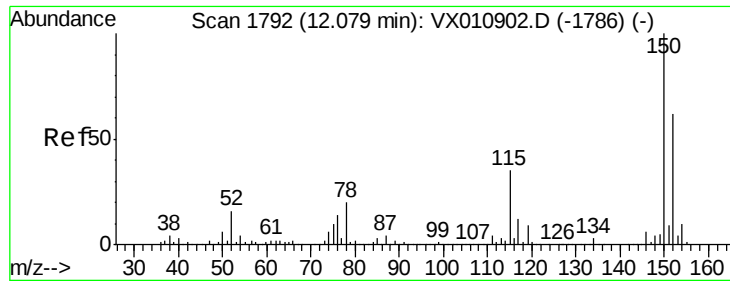
#69
o-Xylene
Concen: 1.251 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 205.9 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

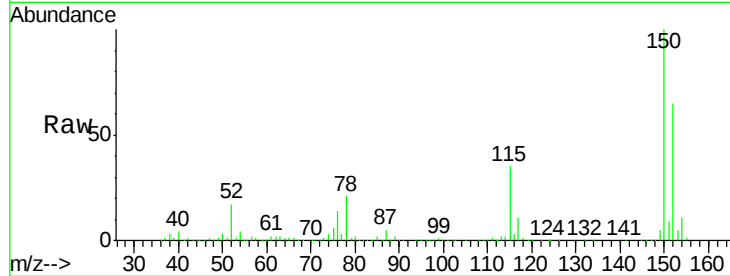
Tgt Ion:152 Resp: 139173

Ion Ratio Lower Upper

152 100

115 55.0 39.7 119.1

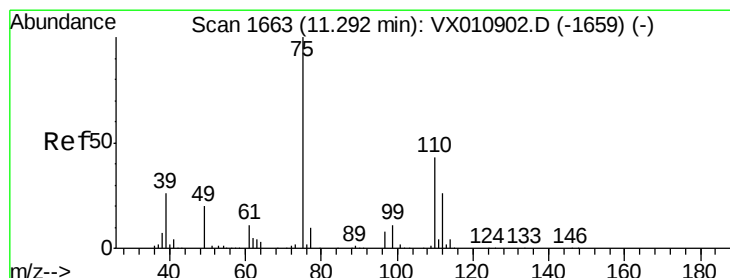
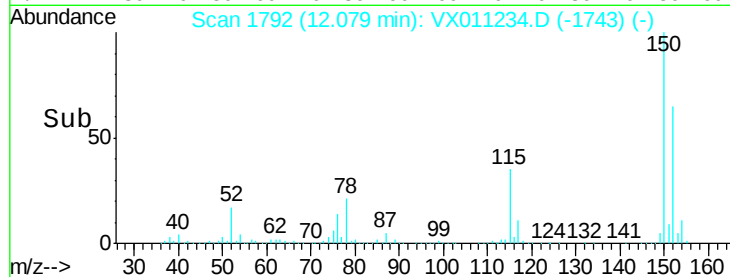
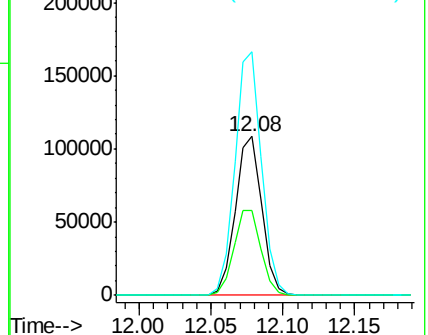
150 154.4 0.0 345.6



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



#76

1,2,3-Trichloropropane

Concen: 25.608 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011234.D

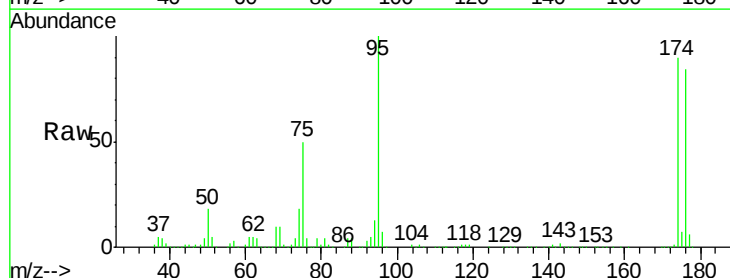
Acq: 31 Jul 2019 07:18

Tgt Ion: 75 Resp: 64313

Ion Ratio Lower Upper

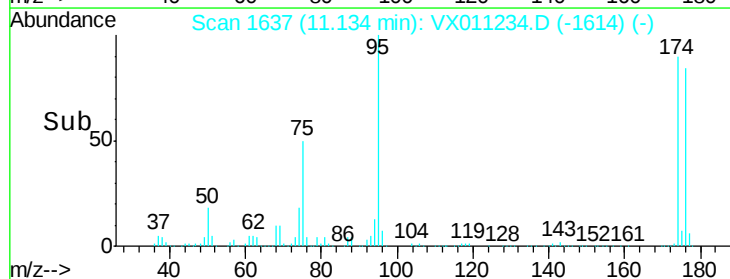
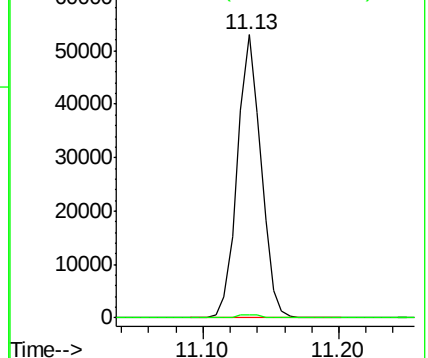
75 100

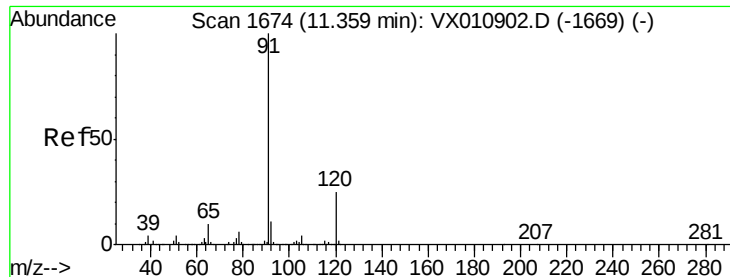
77 1.2 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.315 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

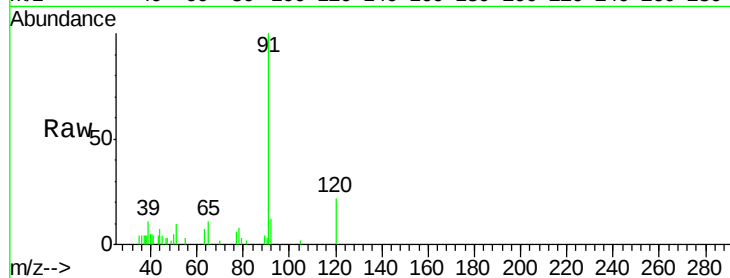
OR-03-072919-B

Tgt Ion: 91 Resp: 3274

Ion Ratio Lower Upper

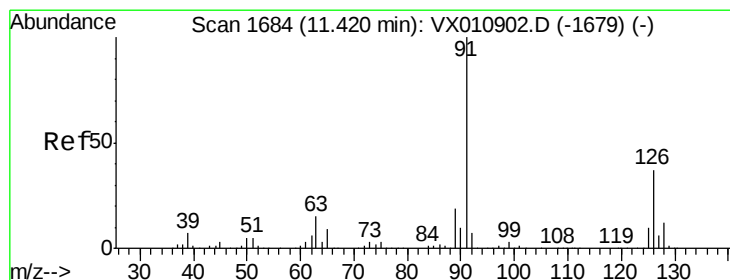
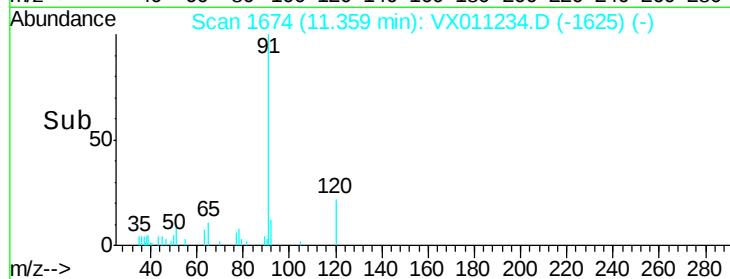
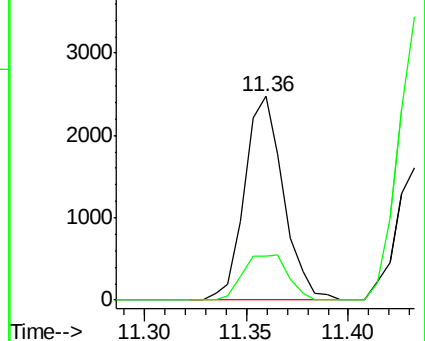
91 100

120 25.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.431 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011234.D

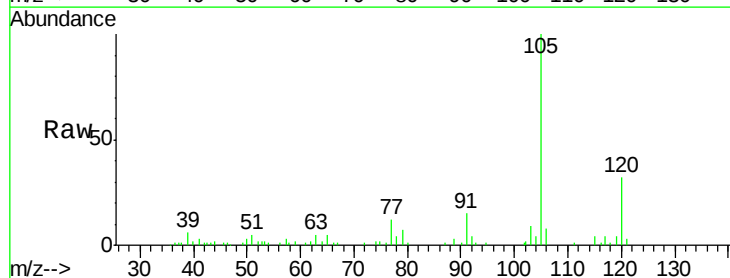
Acq: 31 Jul 2019 07:18

Tgt Ion: 91 Resp: 2690

Ion Ratio Lower Upper

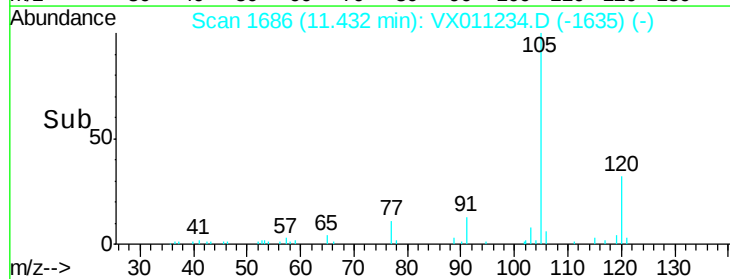
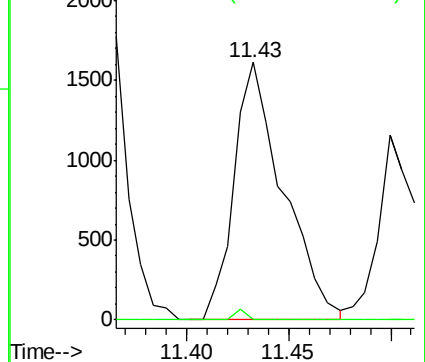
91 100

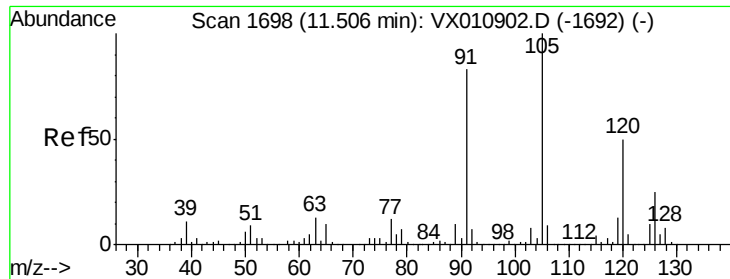
126 0.9 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

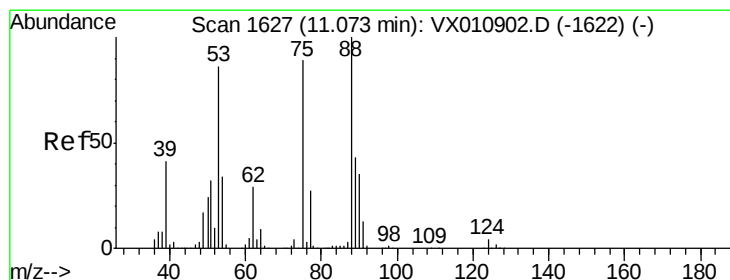
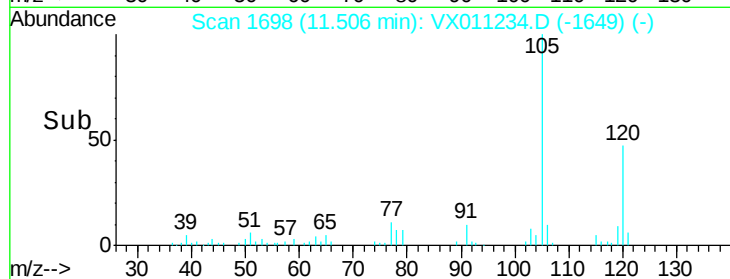
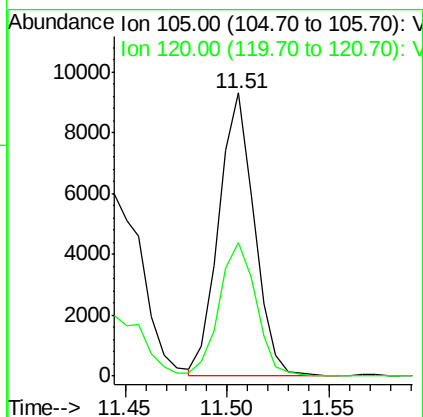
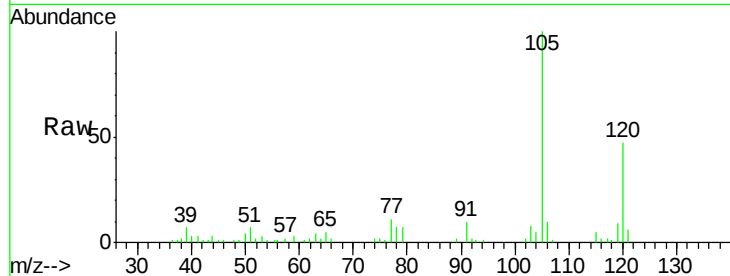




#80
 1,3,5-Trimethylbenzene
 Concen: 1.430 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

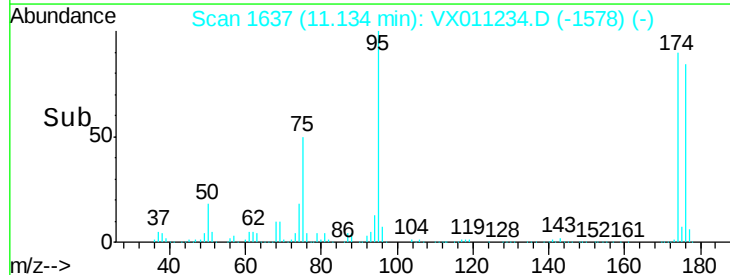
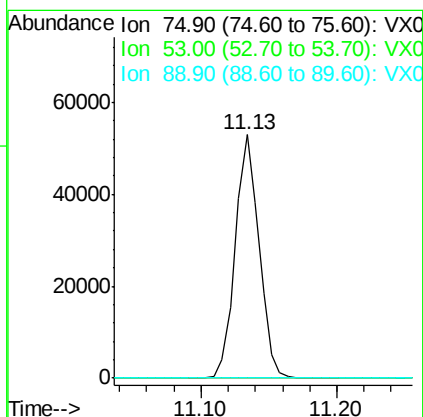
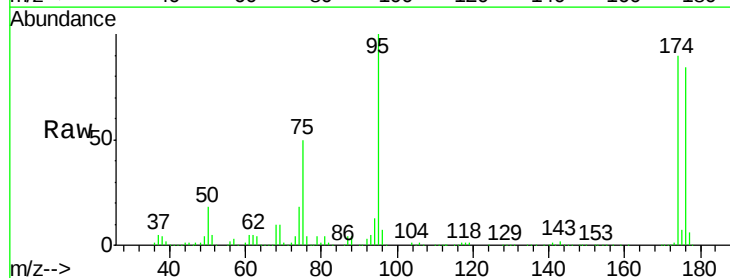
Instrument :
 MSVOA_X
 ClientSampled :
 OR-03-072919-B

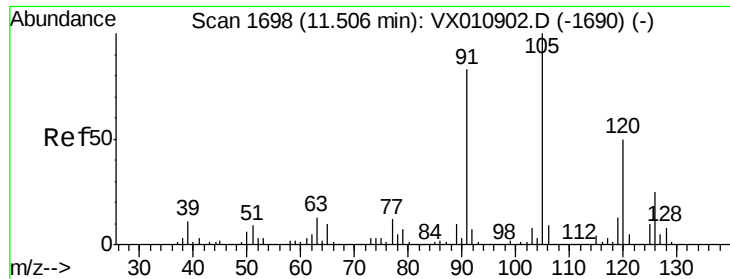
Tgt Ion: 105 Resp: 11240
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.695 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion: 75 Resp: 64313
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.5 57.7#

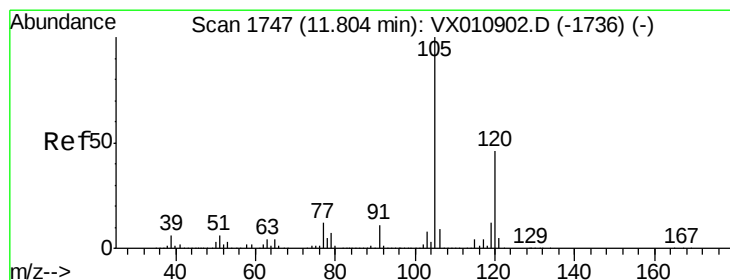
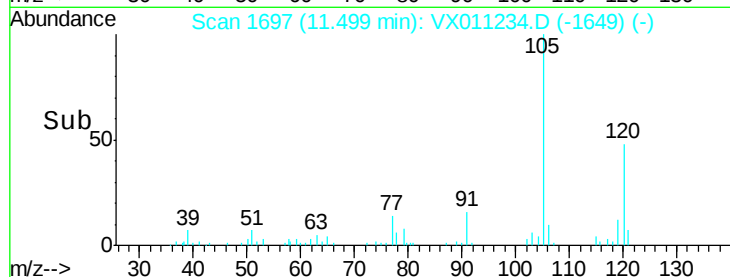
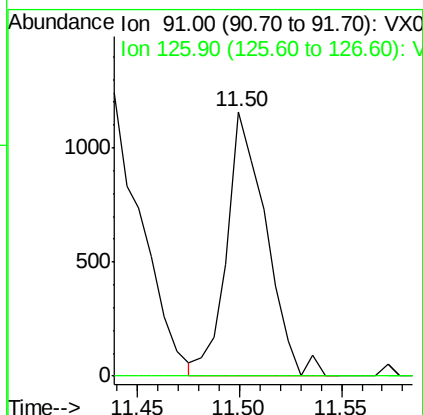
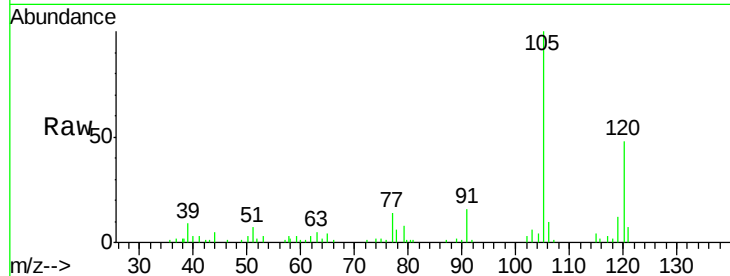




#82
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

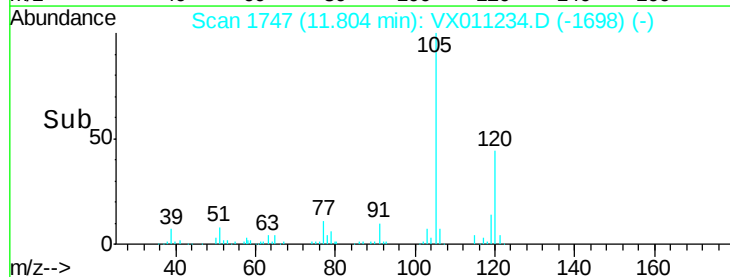
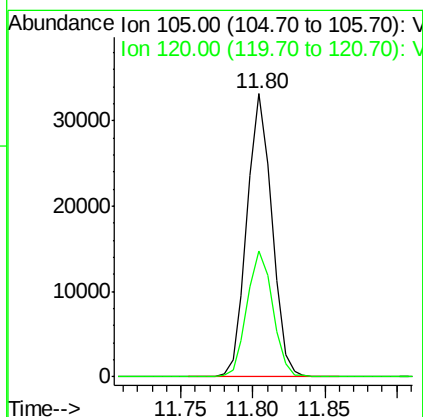
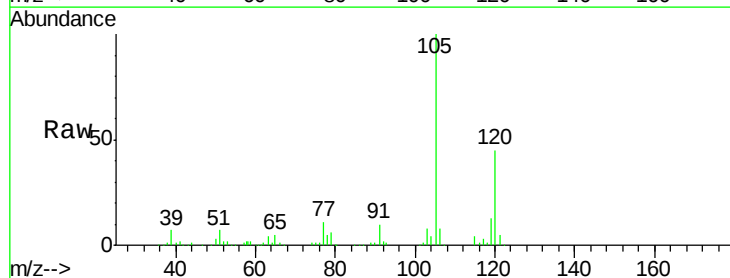
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

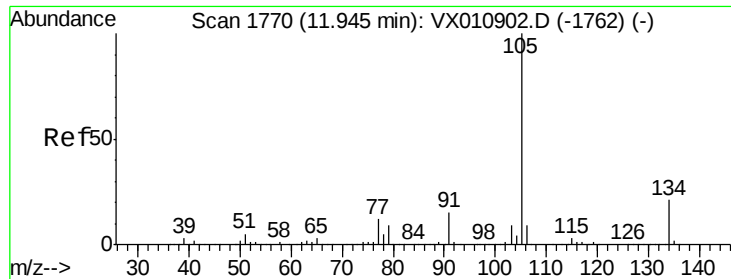
Tgt Ion: 91 Resp: 1543
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#



#84
1,2,4-Trimethylbenzene
Concen: 5.028 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 105 Resp: 39822
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 4.403 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

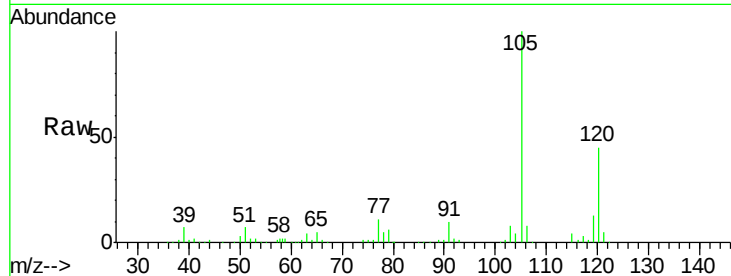
OR-03-072919-B

Tgt Ion:105 Resp: 39822

Ion Ratio Lower Upper

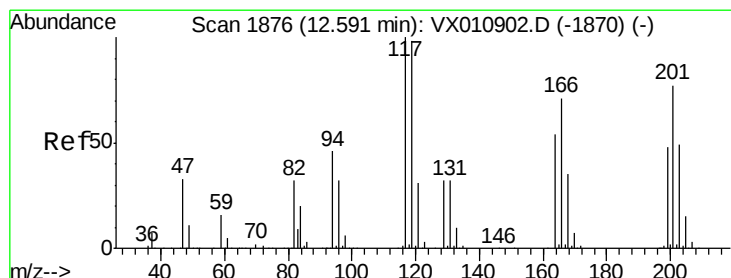
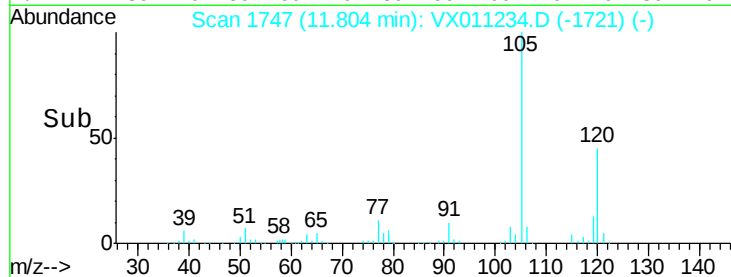
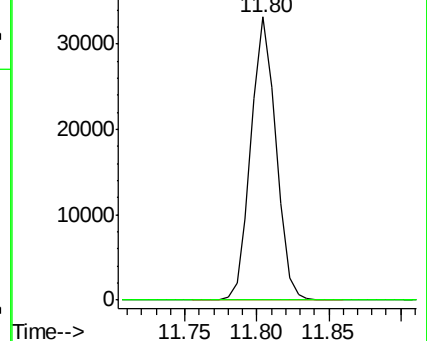
105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.400 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011234.D

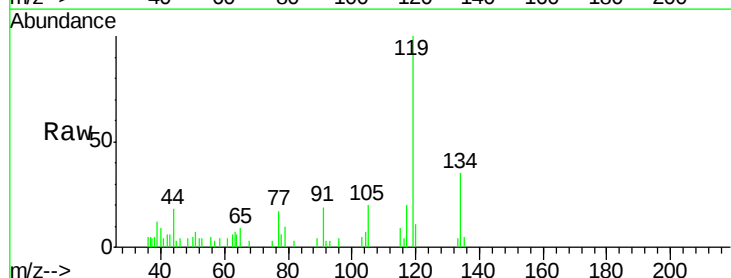
Acq: 31 Jul 2019 07:18

Tgt Ion:117 Resp: 527

Ion Ratio Lower Upper

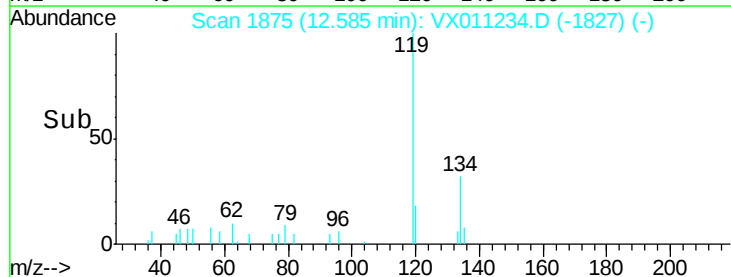
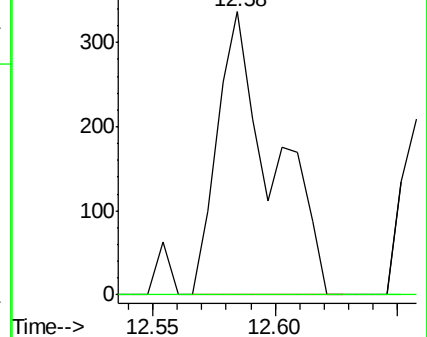
117 100

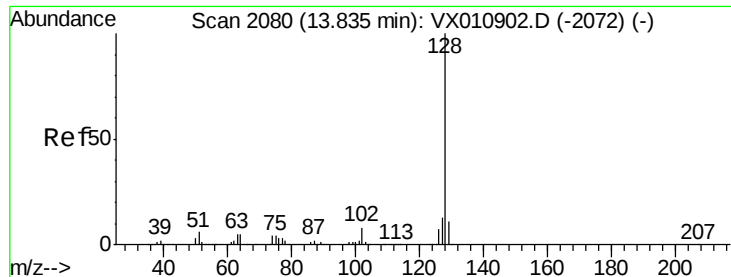
201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
 Naphthalene
 Concen: 2.404 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

Tgt Ion:128 Resp: 21463
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.4 15.6
 129 10.8 8.9 13.3

