

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011451.D
 Acq On : 12 Aug 2019 00:01
 Operator : JC/SP
 Sample : K4266-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

Quant Time: Aug 12 07:55:50 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	5.66	168	205106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107414	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	5.49	113	91903	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	8.71	98	360423	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	116365	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	715	0.512	ug/l	93
6) Chloroethane	1.70	64	384	Below Cal	#	37
8) Diethyl Ether	2.18	74	451	0.363	ug/l #	45
10) Methyl Iodide	2.52	142	765	0.322	ug/l #	86
11) Tert butyl alcohol	3.01	59	5183	12.605	ug/l #	79
13) Acrolein	2.26	56	96	Below Cal	#	15
16) Acetone	2.43	43	9550	9.714	ug/l	99
18) Methyl Acetate	2.77	43	1324	0.589	ug/l #	89
20) Methylene Chloride	2.85	84	5926	2.752	ug/l	94
25) 2-Butanone	4.67	43	499	0.357	ug/l #	46
29) Tetrahydrofuran	5.14	42	378	0.441	ug/l #	60
30) Chloroform	5.21	83	3179	0.907	ug/l	99
31) Cyclohexane	5.65	56	4312	1.621	ug/l #	35
36) 1,1-Dichloropropene	5.65	75	14050	5.362	ug/l #	49
38) Carbon Tetrachloride	5.66	117	19191	7.280	ug/l #	15
43) Isopropyl Acetate	6.45	43	8024	1.910	ug/l	97
47) Bromodichloromethane	7.89	83	723	0.289	ug/l #	90
48) Methyl methacrylate	7.67	41	3885	1.965	ug/l #	10
49) 1,4-Dioxane	7.84	88	45	0.785	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	41460	15.290	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	218	2.909	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	20486	7.008	ug/l #	66
57) 1,3-Dichloropropane	9.54	76	5460	1.624	ug/l #	43
59) 2-Hexanone	9.54	43	68504	32.615	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	60232	27.727	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	3451	0.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	60232	71.863	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2173	0.320	ug/l	98
89) n-Butylbenzene	12.38	91	1297	0.203	ug/l #	81
93) 1,2,4-Trichlorobenzene	13.65	180	842	0.316	ug/l	96
95) Naphthalene	13.83	128	2366	0.304	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.02	180	639	0.236	ug/l #	73

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

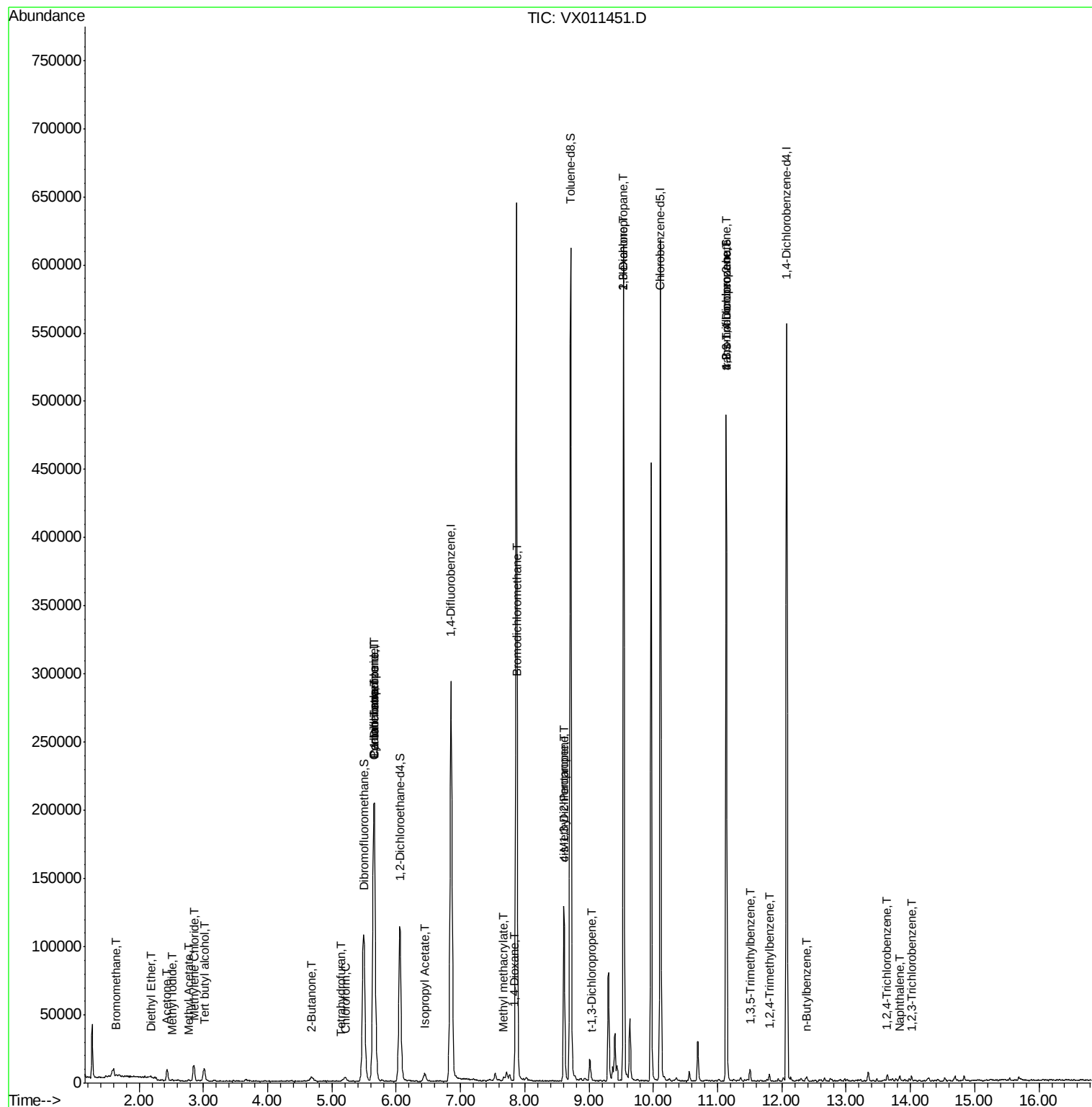
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

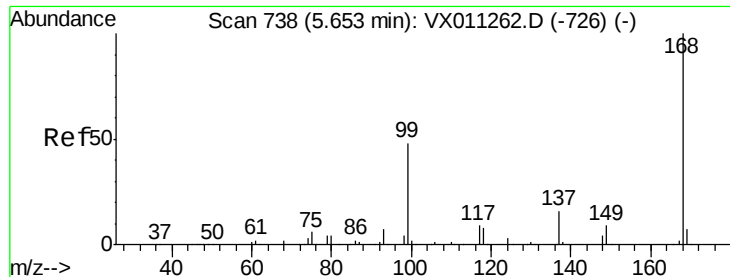
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

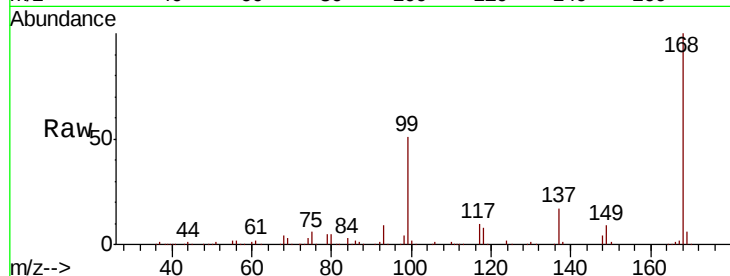
R1-R2-C1-C4-(0-1)

Tgt Ion:168 Resp: 205106

Ion Ratio Lower Upper

168 100

99 50.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

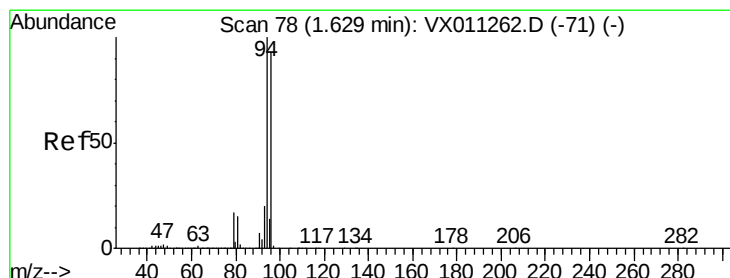
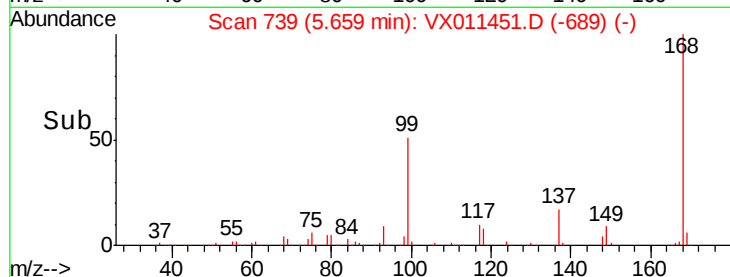
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.512 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011451.D

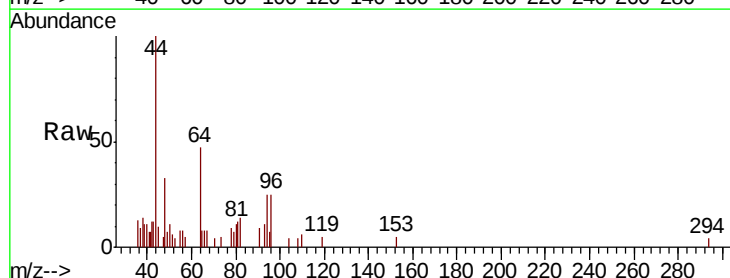
Acq: 12 Aug 2019 00:01

Tgt Ion: 94 Resp: 715

Ion Ratio Lower Upper

94 100

96 100.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

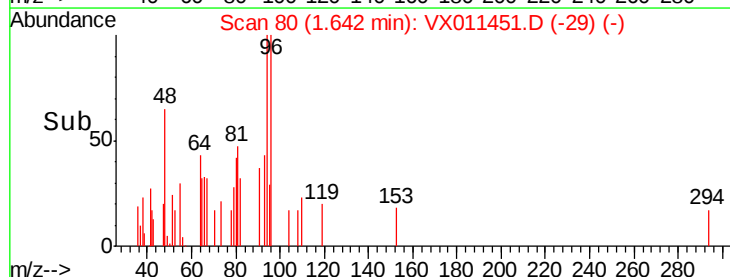
300

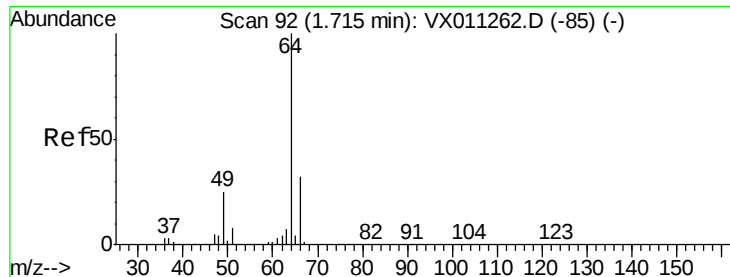
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

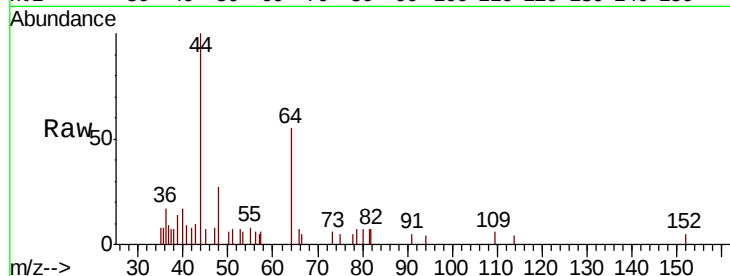
R1-R2-C1-C4-(0-1)

Tgt Ion: 64 Resp: 384

Ion Ratio Lower Upper

64 100

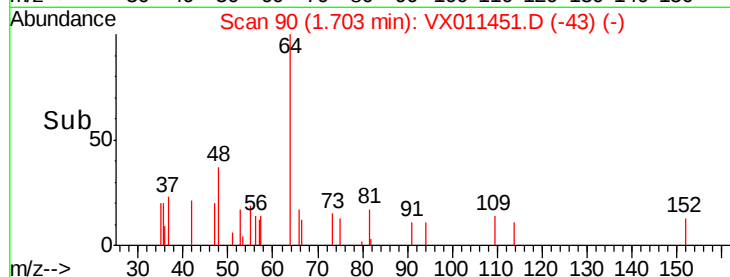
66 66.3 25.1 37.7#



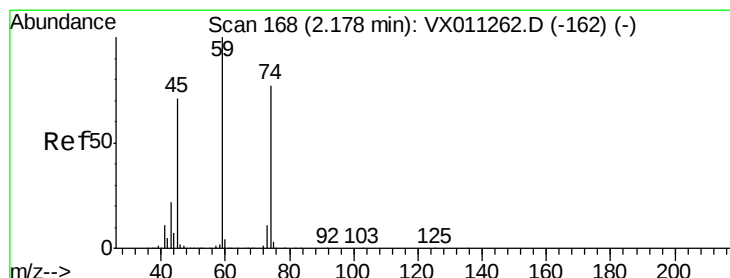
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

Time-->



Time-->



#8

Diethyl Ether

Concen: 0.363 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011451.D

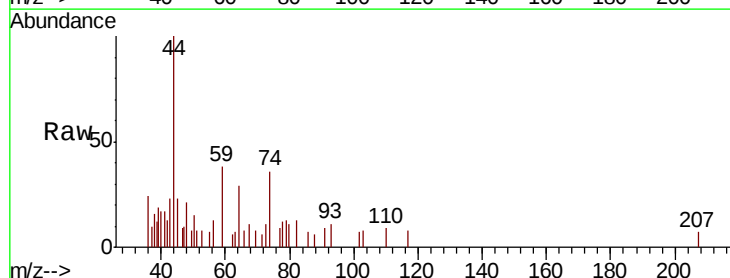
Acq: 12 Aug 2019 00:01

Tgt Ion: 74 Resp: 451

Ion Ratio Lower Upper

74 100

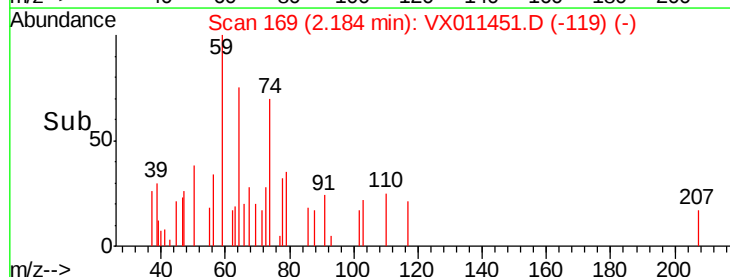
45 144.3 46.1 138.3#



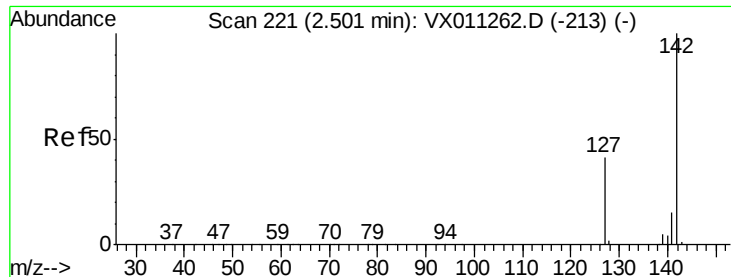
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

Time-->



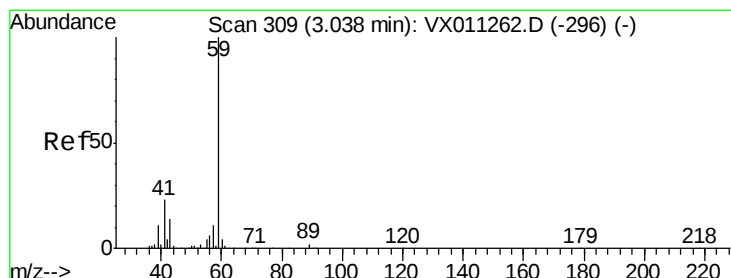
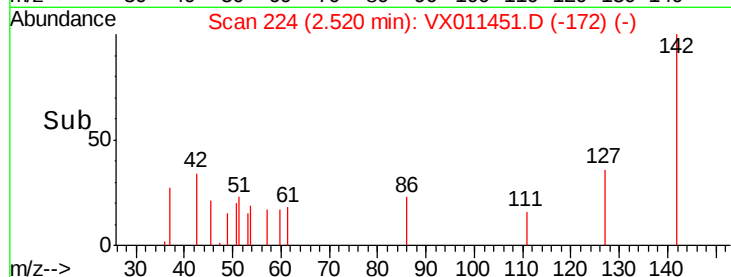
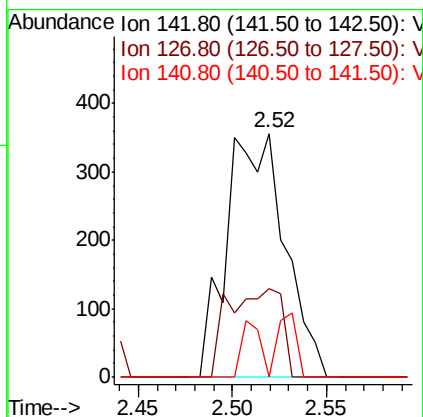
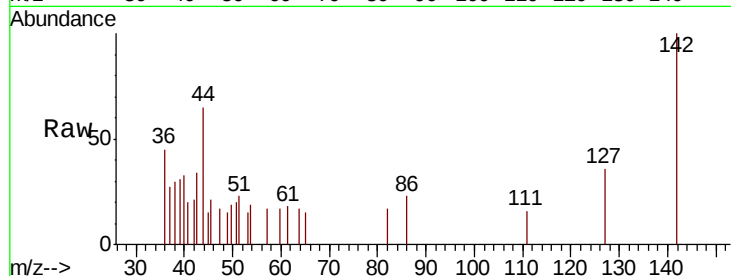
Time-->



#10
Methyl Iodide
Concen: 0.322 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.02 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

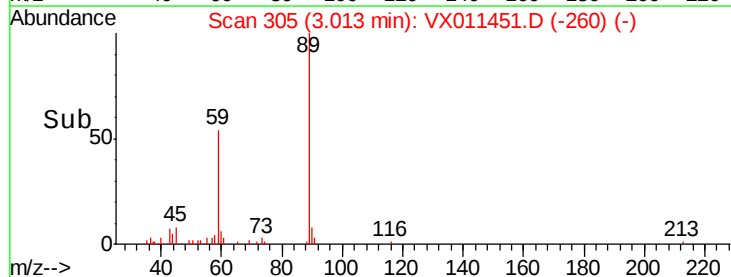
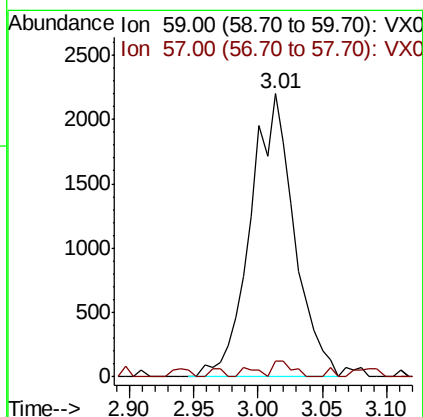
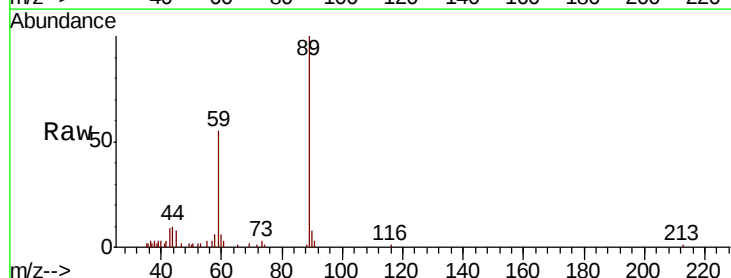
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C1-C4-(0-1)

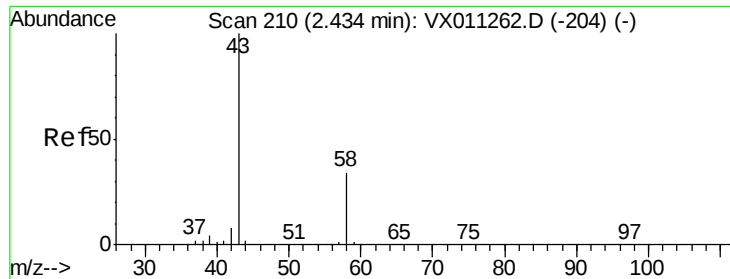
Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
142 100
127 33.2 33.8 50.8#
141 8.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 12.605 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

Tgt Ion: 59 Resp: 5183
Ion Ratio Lower Upper
59 100
57 2.5 8.3 12.5#





#16

Acetone

Concen: 9.714 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

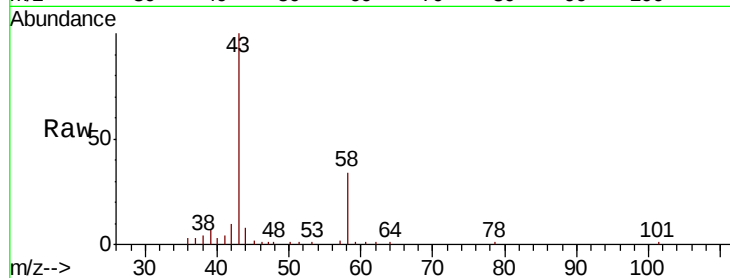
R1-R2-C1-C4-(0-1)

Tgt Ion: 43 Resp: 9550

Ion Ratio Lower Upper

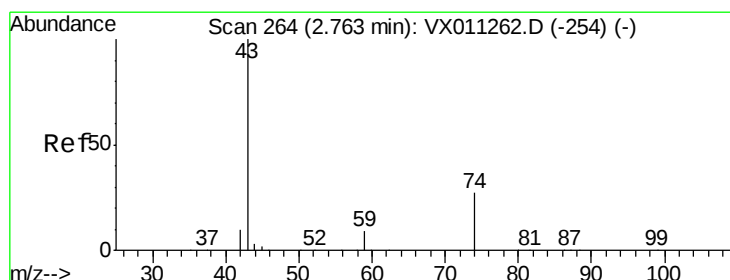
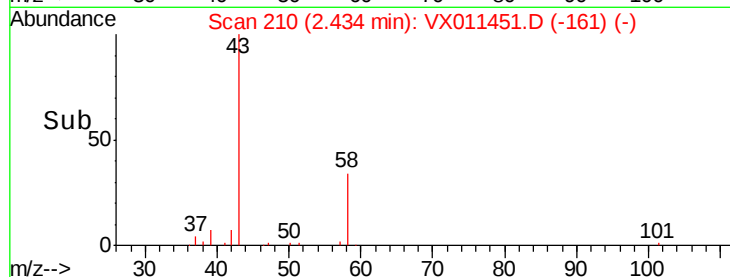
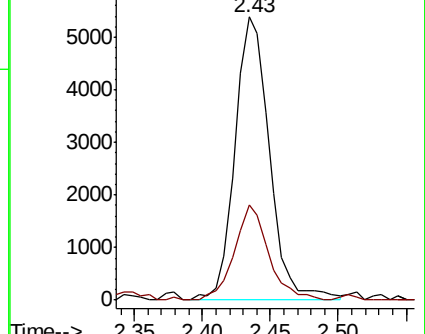
43 100

58 33.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.589 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011451.D

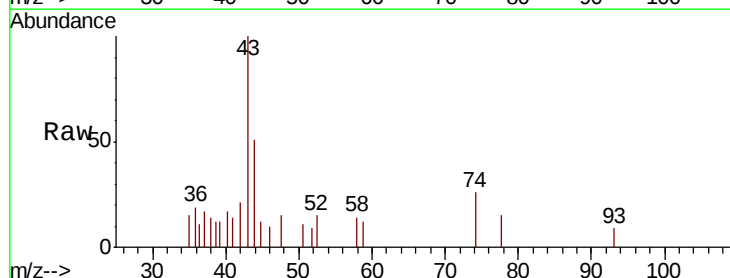
Acq: 12 Aug 2019 00:01

Tgt Ion: 43 Resp: 1324

Ion Ratio Lower Upper

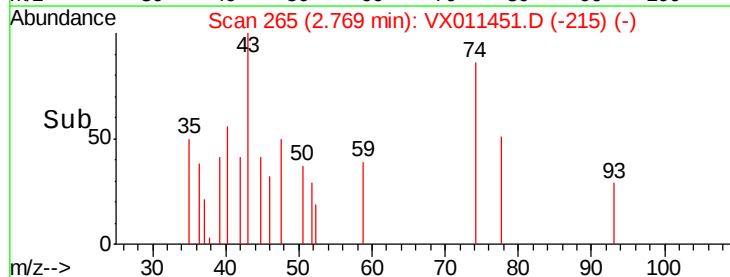
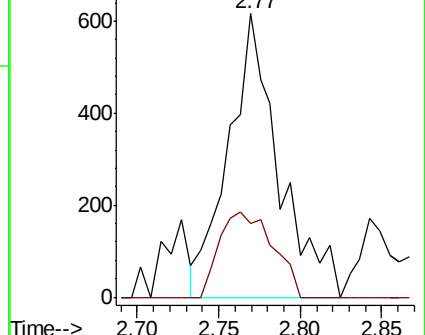
43 100

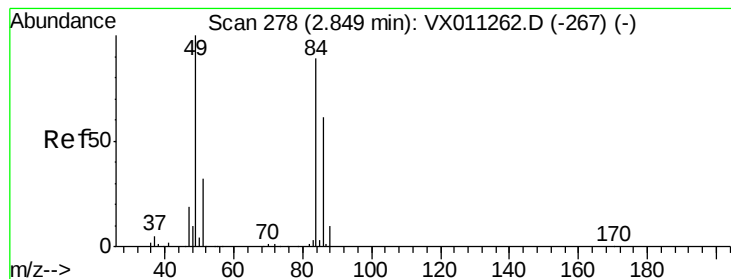
74 32.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 2.752 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(0-1)

Tgt Ion: 84 Resp: 5926

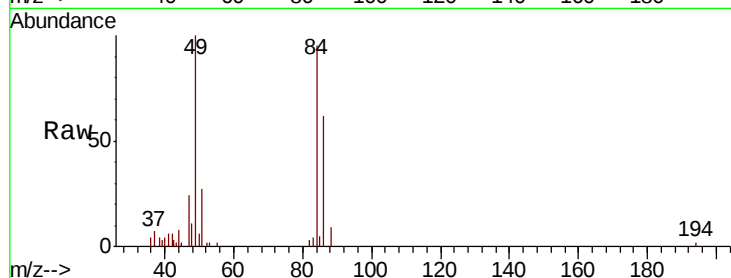
Ion Ratio Lower Upper

84 100

49 105.4 89.3 133.9

51 28.4 28.3 42.5

86 65.6 54.5 81.7

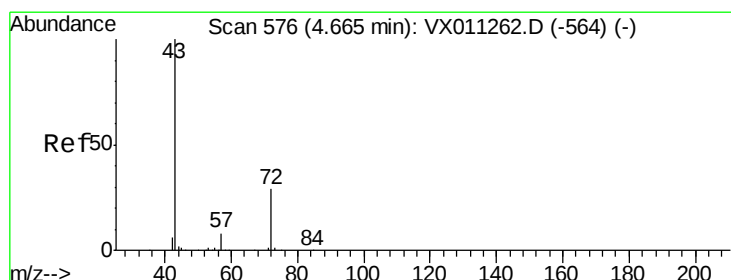
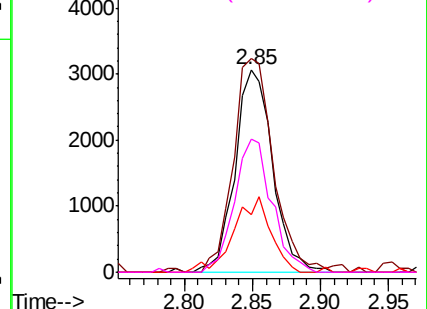
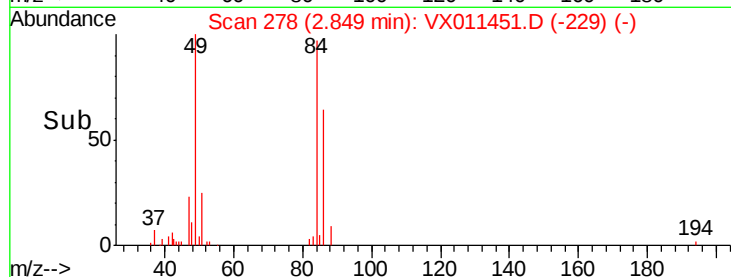


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 0.357 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011451.D

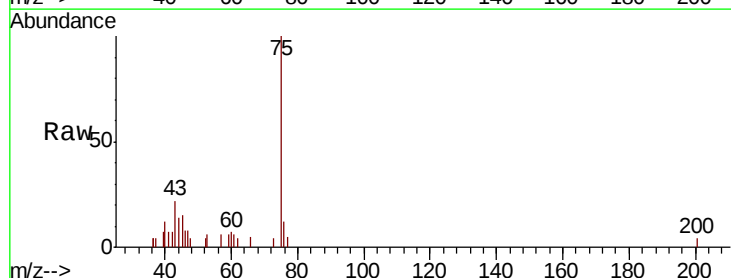
Acq: 12 Aug 2019 00:01

Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

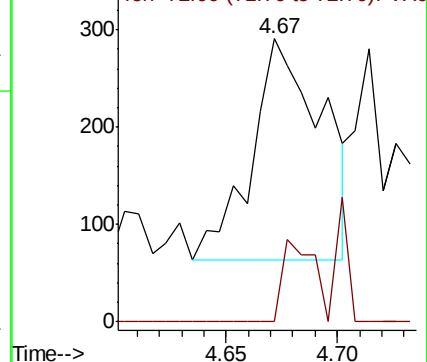
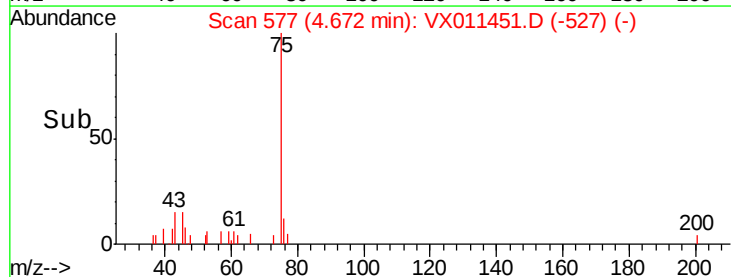
43 100

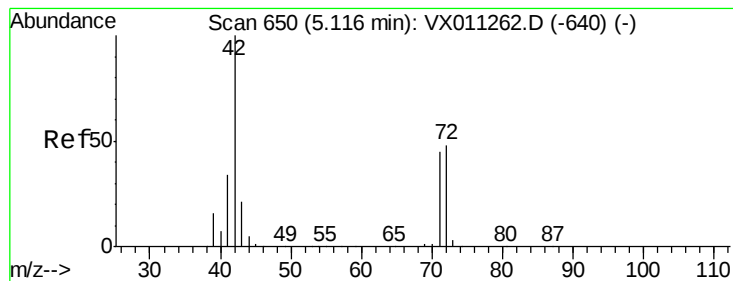
72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.441 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.02 min

Lab File: VX011451.D

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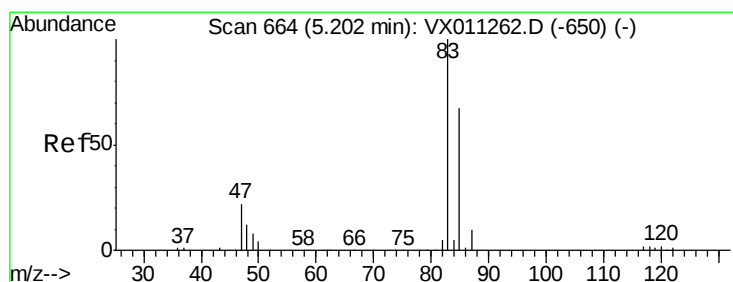
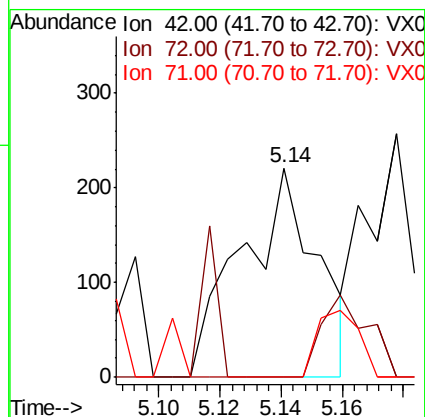
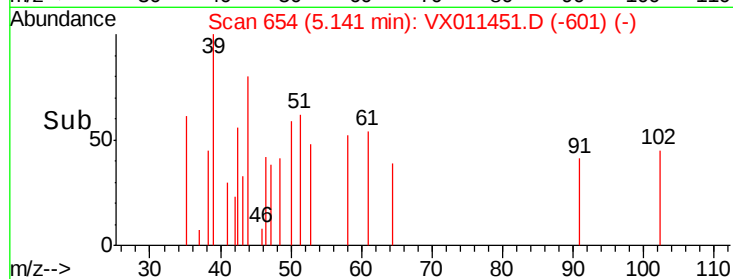
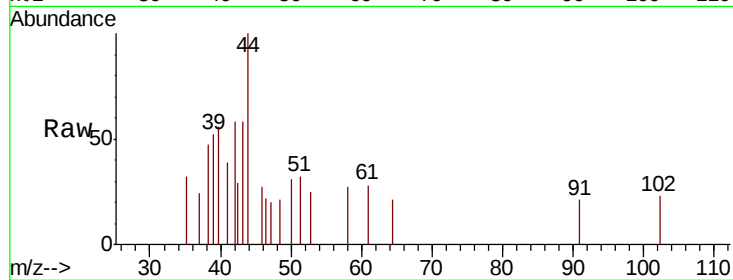
Tgt Ion: 42 Resp: 378

Ion Ratio Lower Upper

42 100

72 24.1 39.9 59.9#

71 18.0 36.9 55.3#



#30

Chloroform

Concen: 0.907 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011451.D

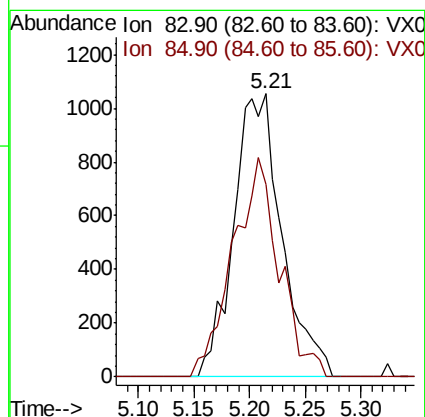
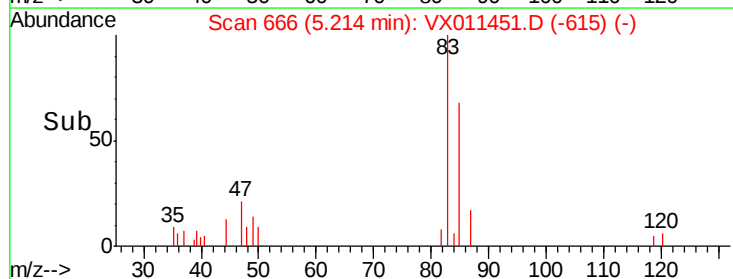
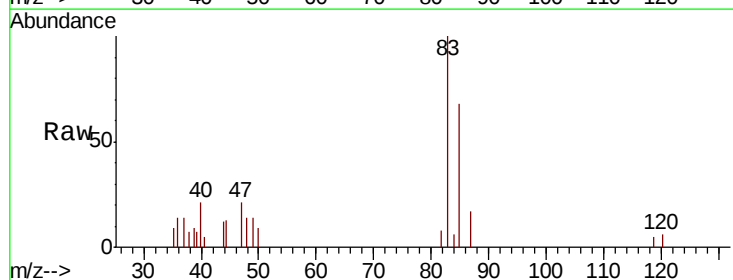
Acq: 12 Aug 2019 00:01

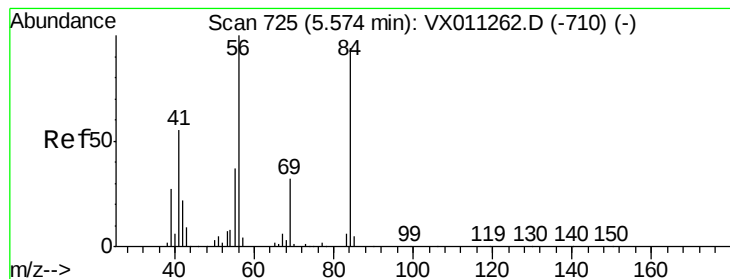
Tgt Ion: 83 Resp: 3179

Ion Ratio Lower Upper

83 100

85 67.8 53.4 80.0





#31

Cyclohexane

Concen: 1.621 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.07 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(0-1)

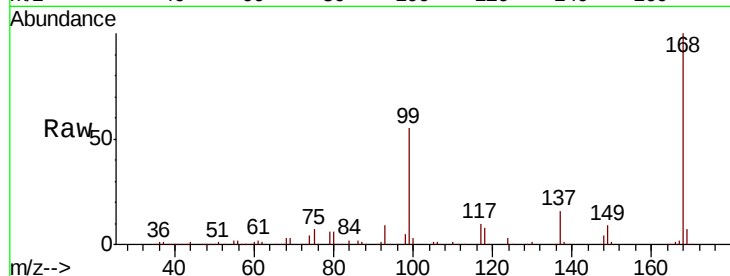
Tgt Ion: 56 Resp: 4312

Ion Ratio Lower Upper

56 100

69 152.7 25.5 38.3#

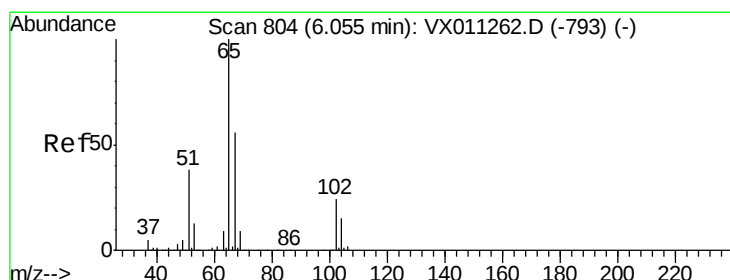
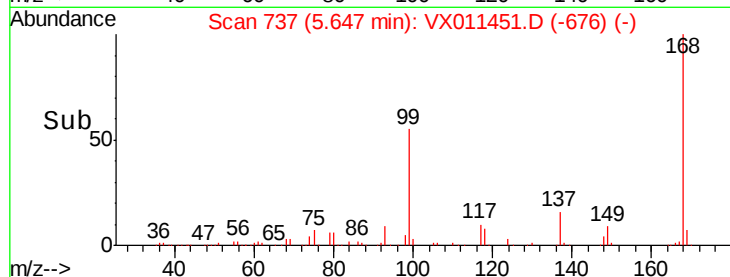
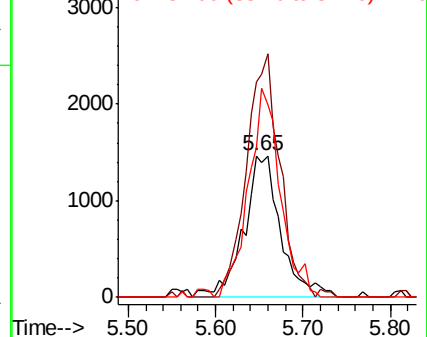
84 106.4 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011451.D

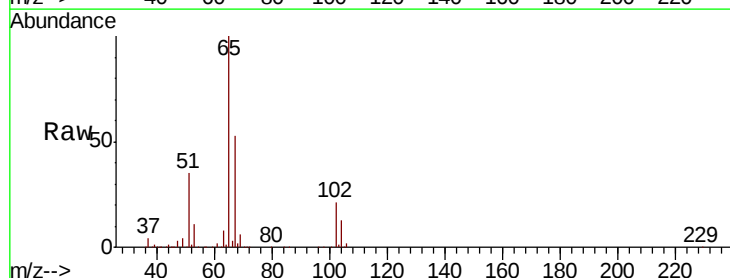
Acq: 12 Aug 2019 00:01

Tgt Ion: 65 Resp: 107414

Ion Ratio Lower Upper

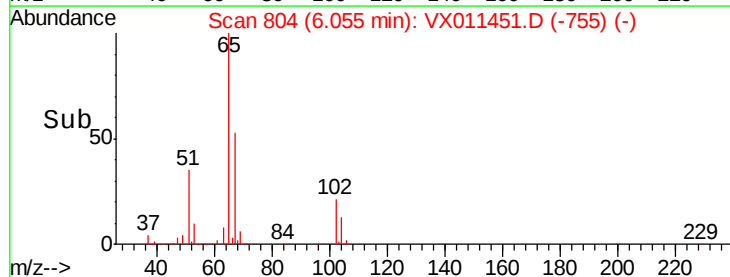
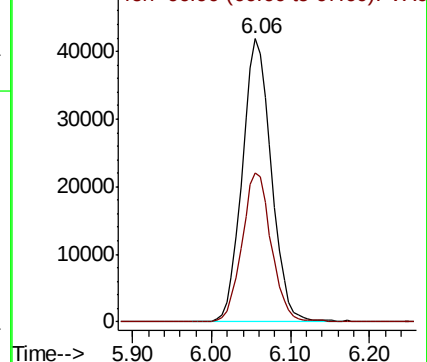
65 100

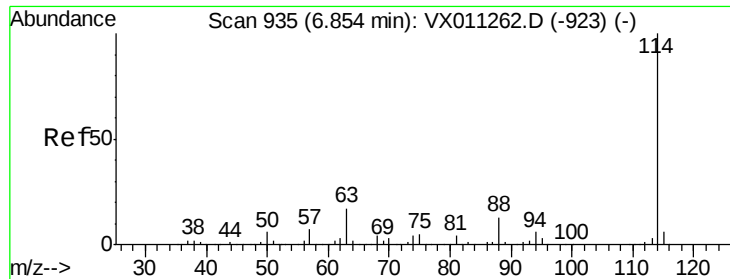
67 52.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

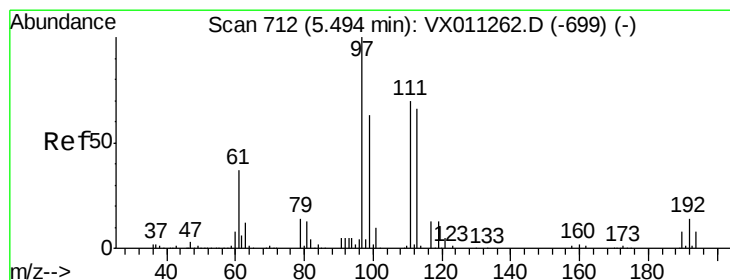
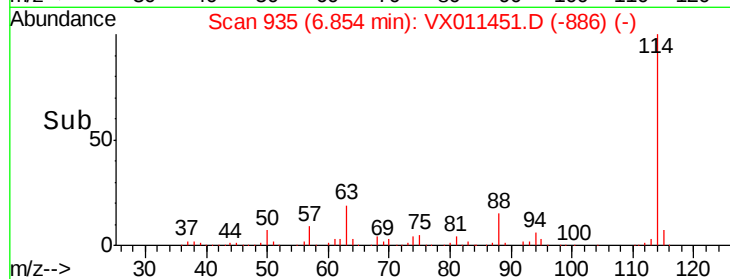
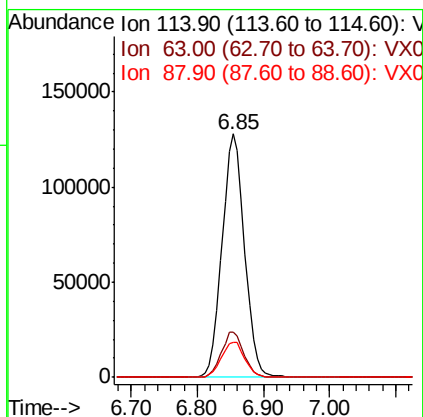
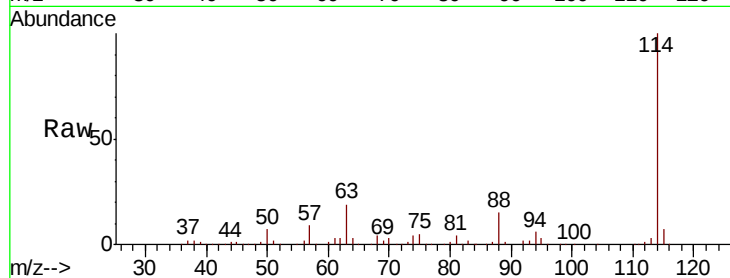




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

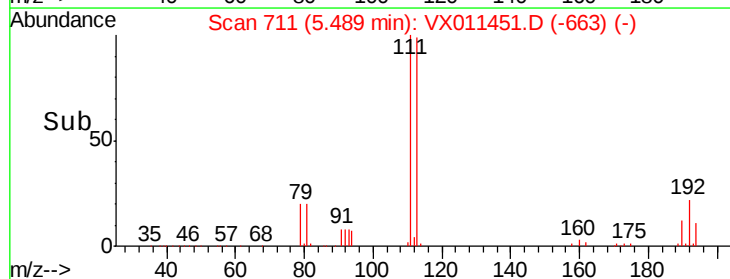
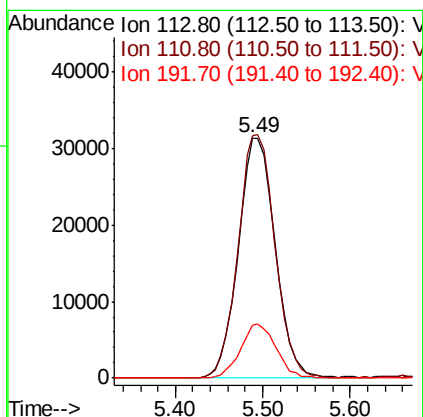
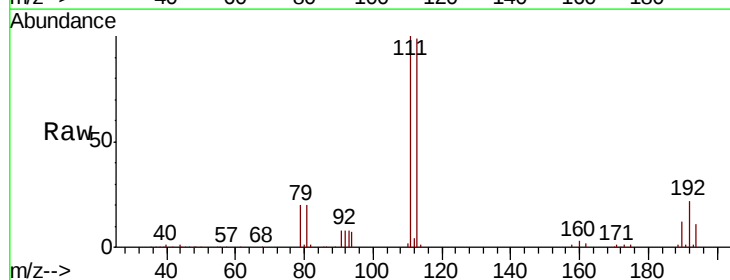
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

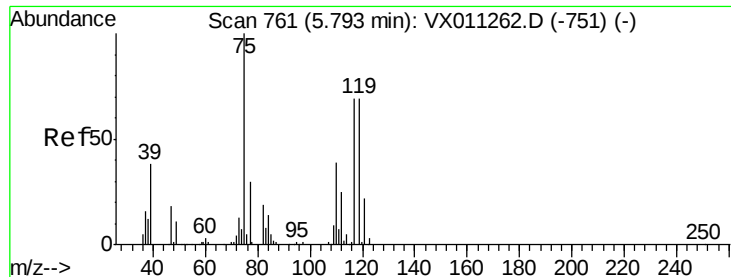
Tgt Ion:114 Resp: 300090
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 14.6 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.908 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion:113 Resp: 91903
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.9 122.9
 192 21.8 17.8 26.8

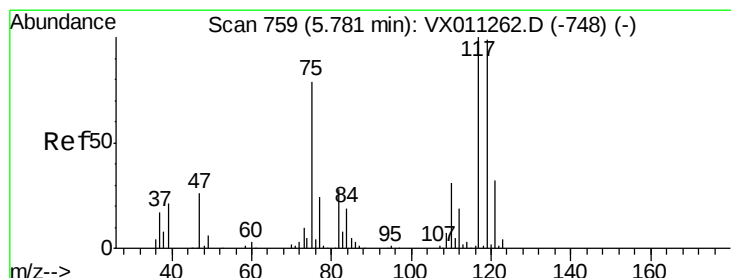
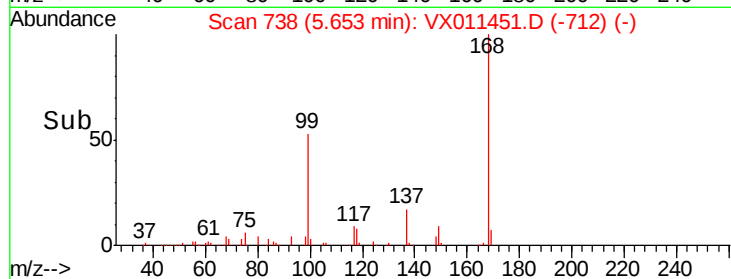
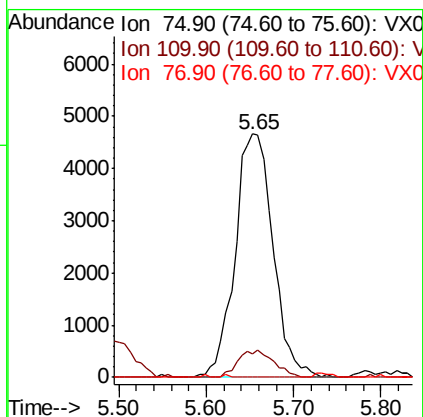
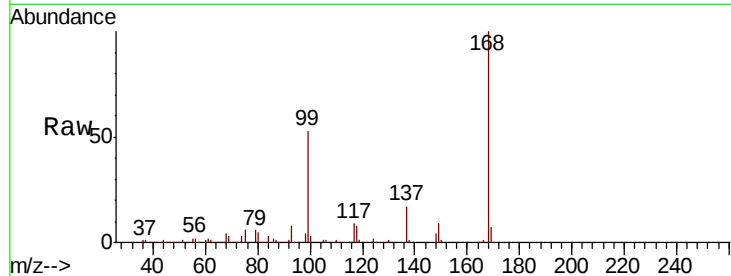




#36
 1,1-Dichloropropene
 Concen: 5.362 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

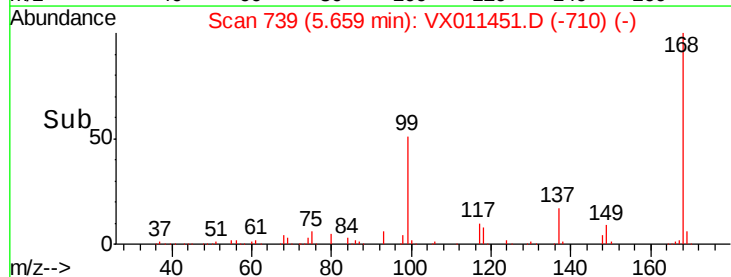
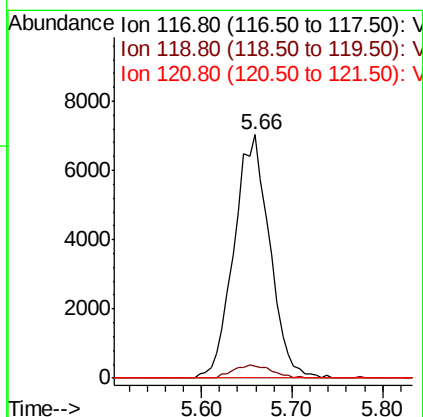
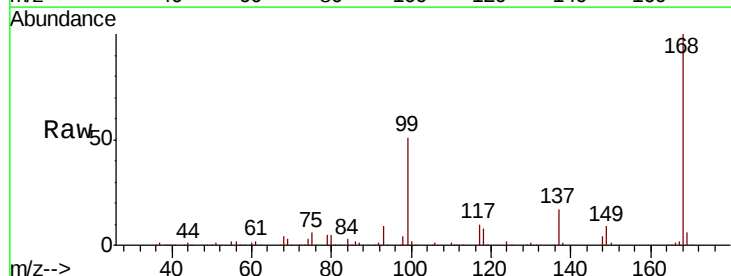
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

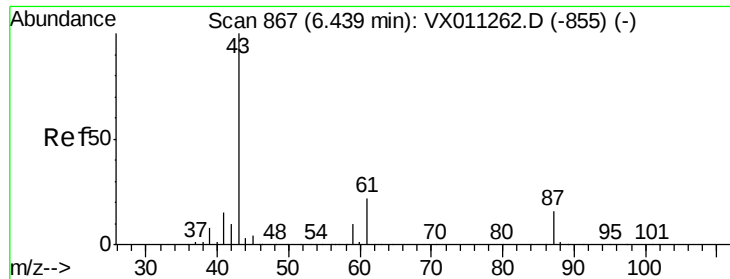
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.0	59.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.280 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.0	118.4#
121	0.0	25.9	38.9#

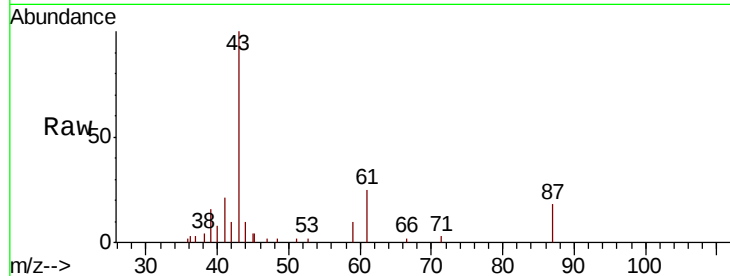




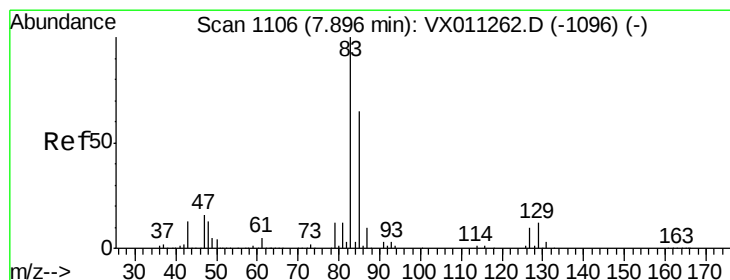
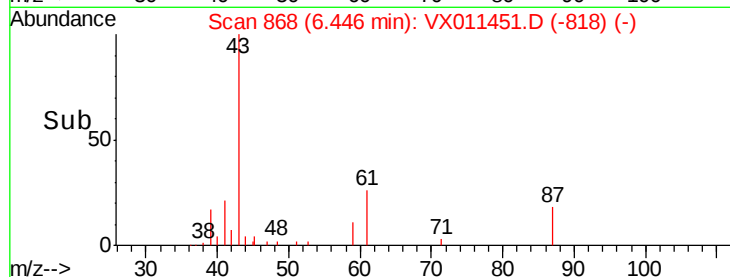
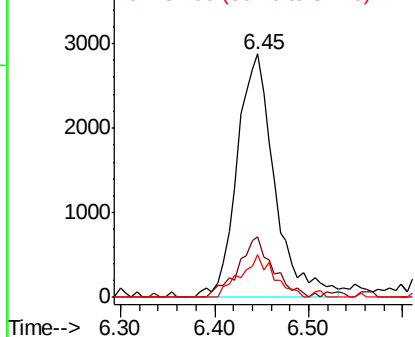
#43
Isopropyl Acetate
Concen: 1.910 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C1-C4-(0-1)

Tgt Ion: 43 Resp: 8024
Ion Ratio Lower Upper
43 100
61 22.8 16.5 24.7
87 15.5 12.1 18.1

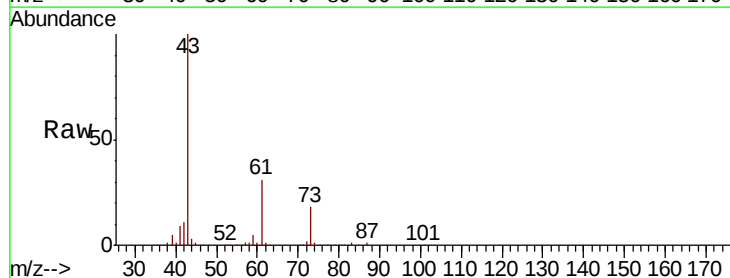


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

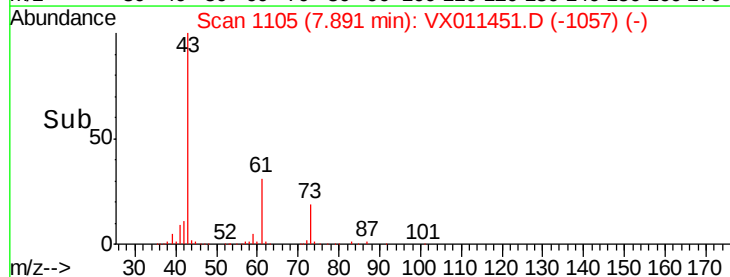
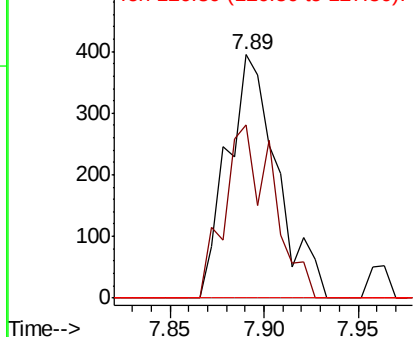


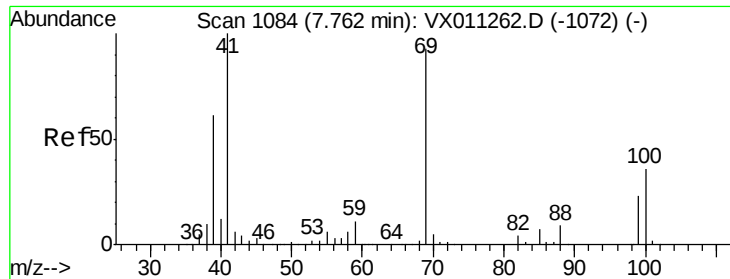
#47
Bromodichloromethane
Concen: 0.289 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

Tgt Ion: 83 Resp: 723
Ion Ratio Lower Upper
83 100
85 70.9 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

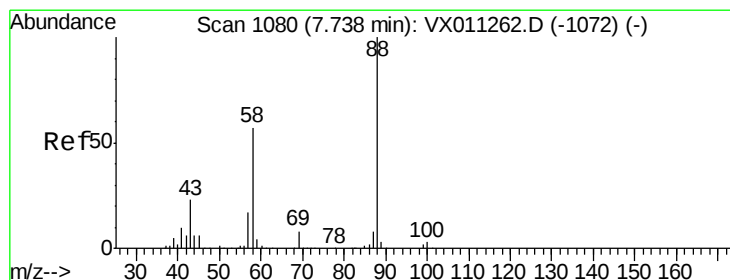
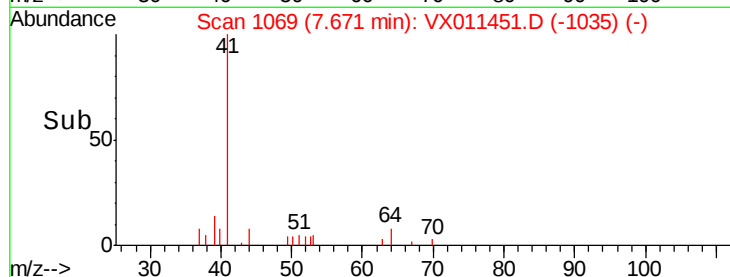
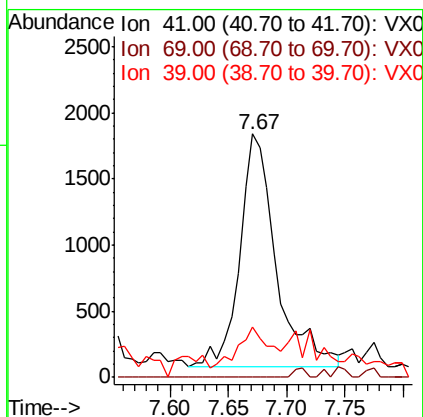
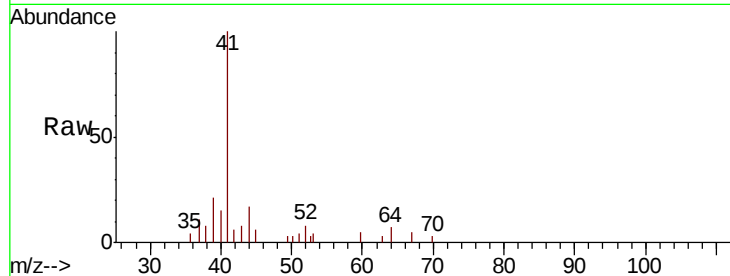




#48
Methyl methacrylate
Concen: 1.965 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

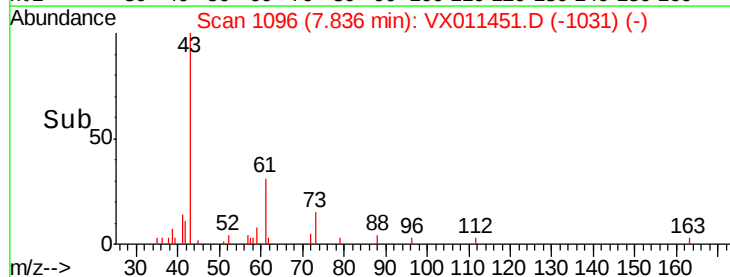
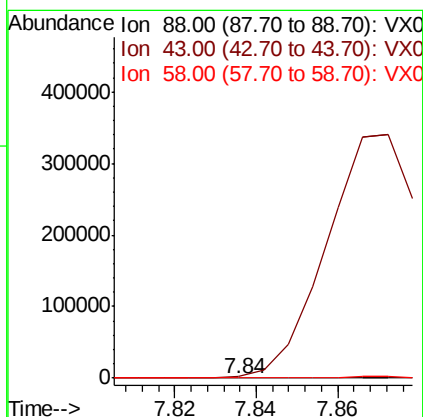
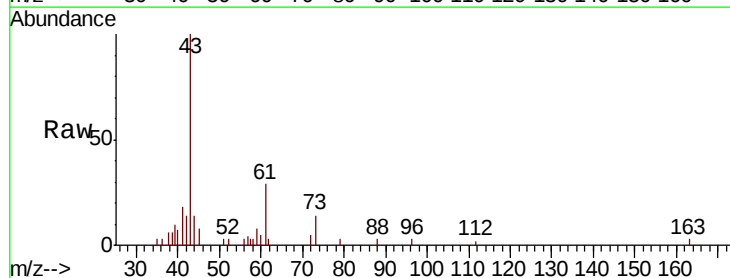
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C1-C4-(0-1)

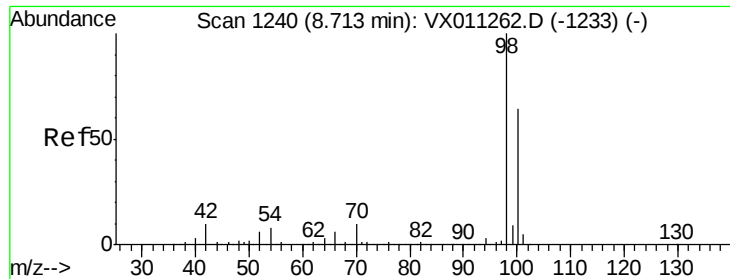
Tgt Ion: 41 Resp: 3885
Ion Ratio Lower Upper
41 100
69 0.0 74.5 111.7#
39 0.0 48.6 72.8#



#49
1,4-Dioxane
Concen: 0.785 ug/l
RT: 7.84 min Scan# 1096
Delta R.T. 0.10 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 0.0 47.8 71.8#





#50

Toluene-d8

Concen: 48.736 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

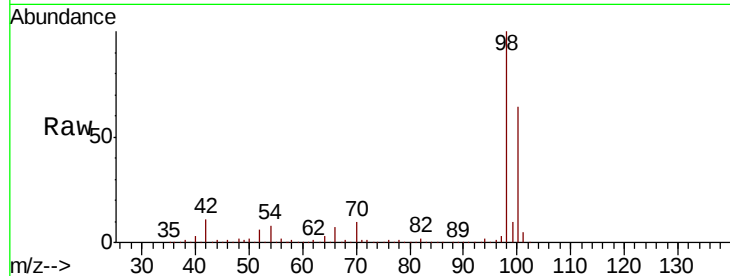
R1-R2-C1-C4-(0-1)

Tgt Ion: 98 Resp: 360423

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

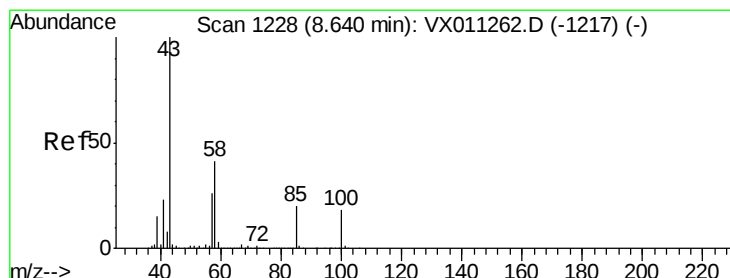
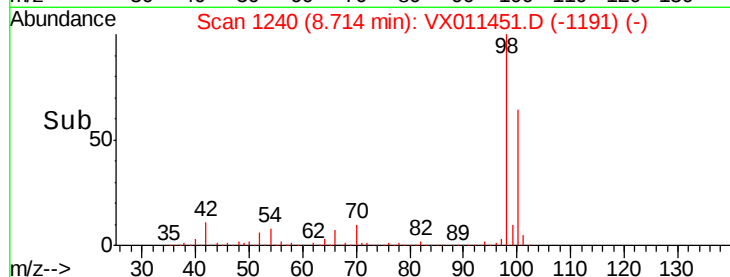
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 15.290 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011451.D

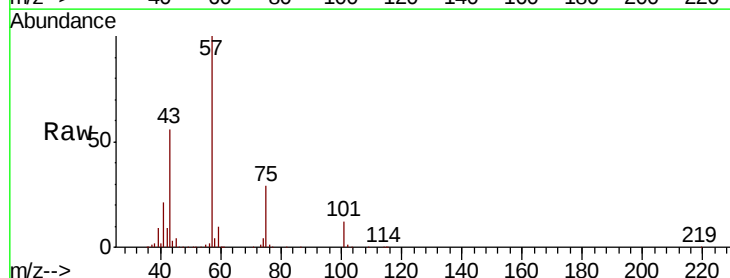
Acq: 12 Aug 2019 00:01

Tgt Ion: 43 Resp: 41460

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

30000

25000

20000

15000

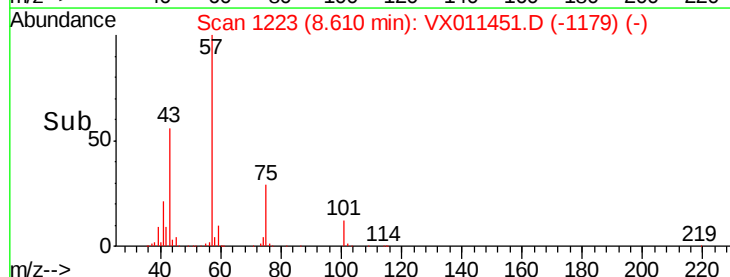
10000

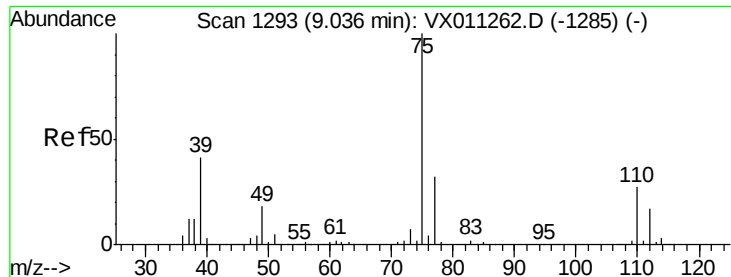
5000

0

8.50 8.55 8.60 8.65 8.70

Time-->

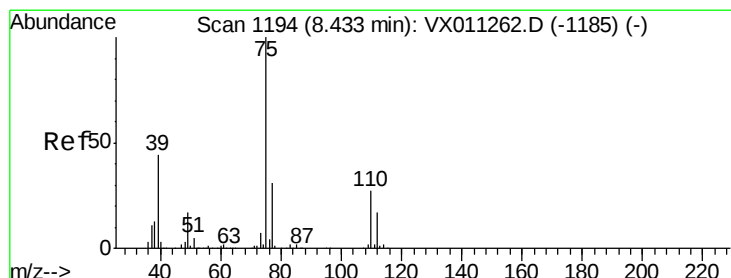
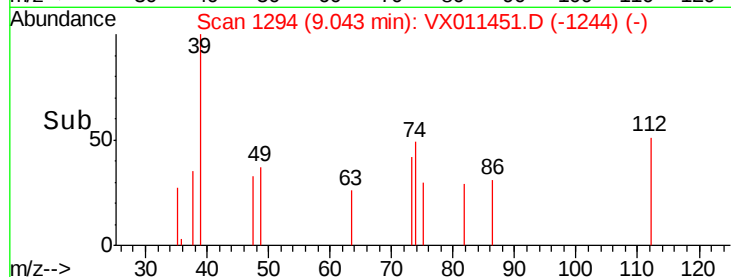
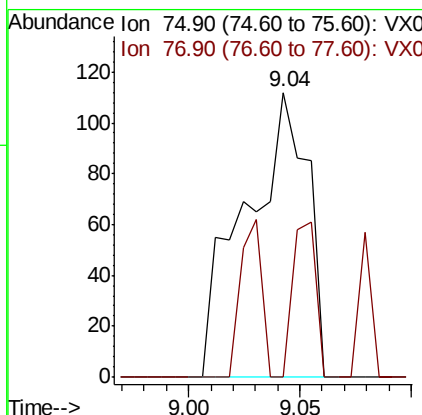
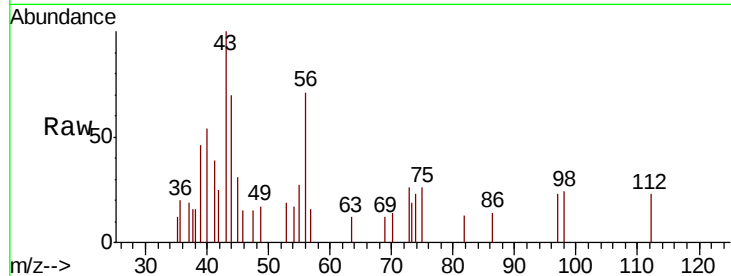




#53
 t-1,3-Dichloropropene
 Concen: 2.909 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

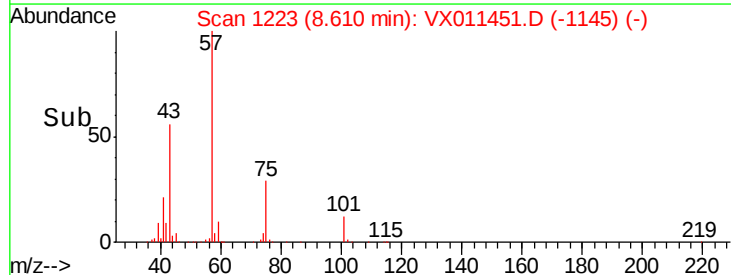
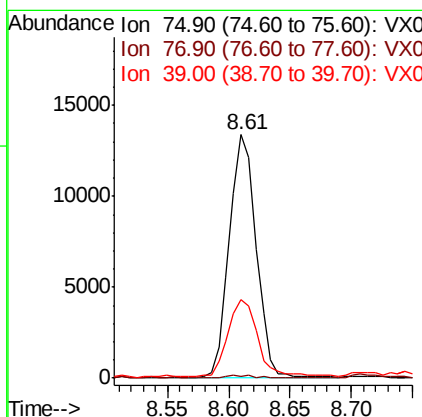
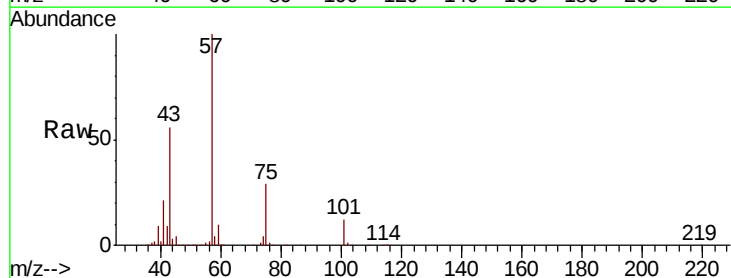
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

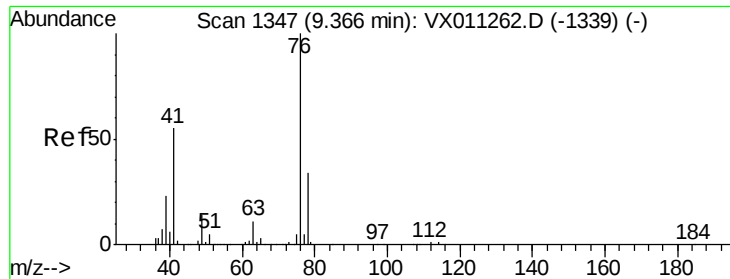
Tgt Ion: 75 Resp: 218
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 7.008 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion: 75 Resp: 20486
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.0 37.6#
 39 32.0 35.3 52.9#





#57

1,3-Dichloropropane

Concen: 1.624 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

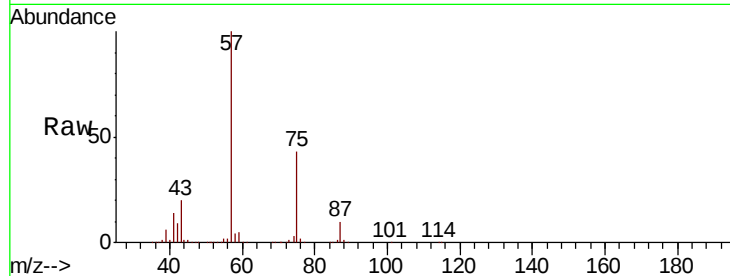
R1-R2-C1-C4-(0-1)

Tgt Ion: 76 Resp: 5460

Ion Ratio Lower Upper

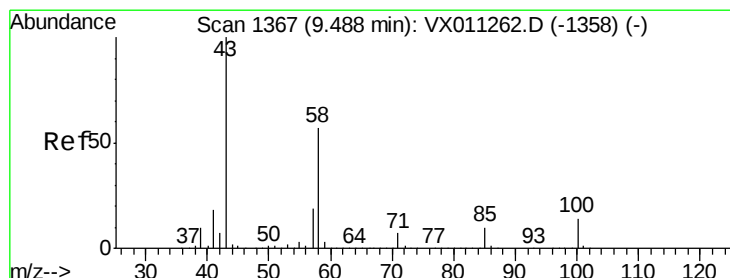
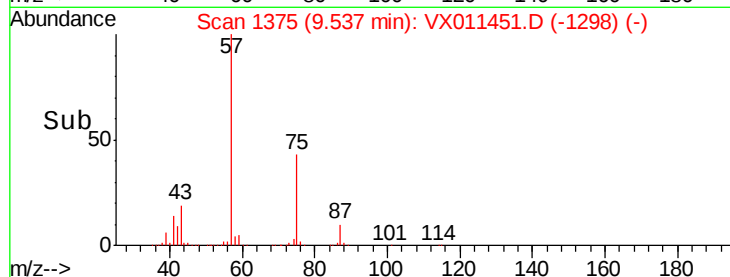
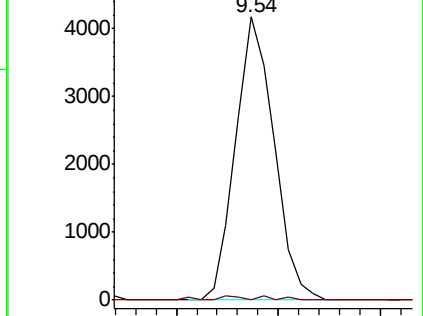
76 100

78 0.8 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 32.615 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011451.D

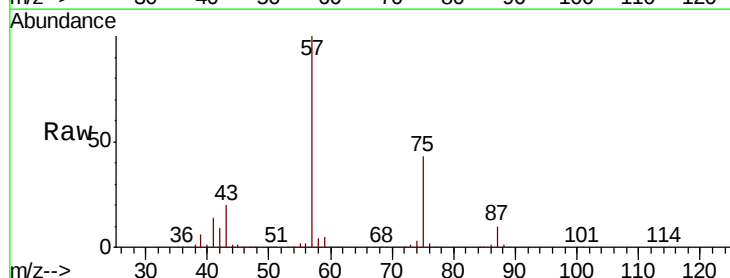
Acq: 12 Aug 2019 00:01

Tgt Ion: 43 Resp: 68504

Ion Ratio Lower Upper

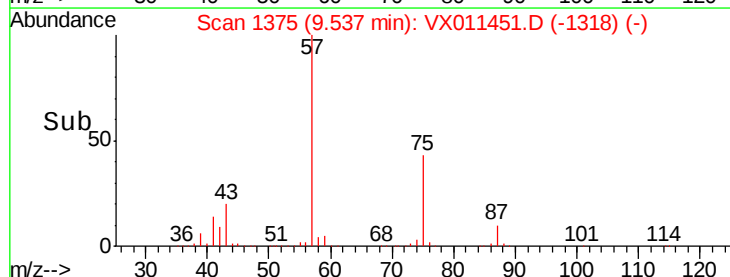
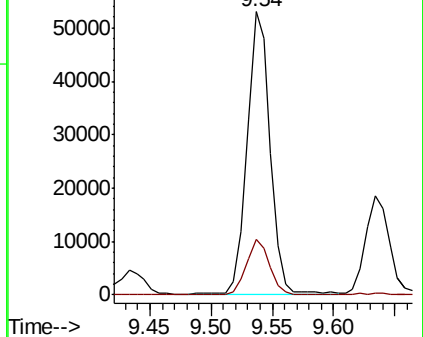
43 100

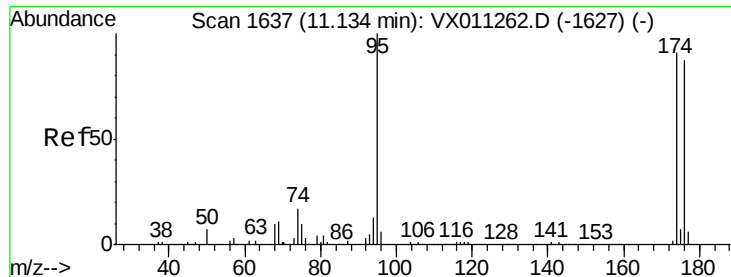
58 20.3 28.2 84.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

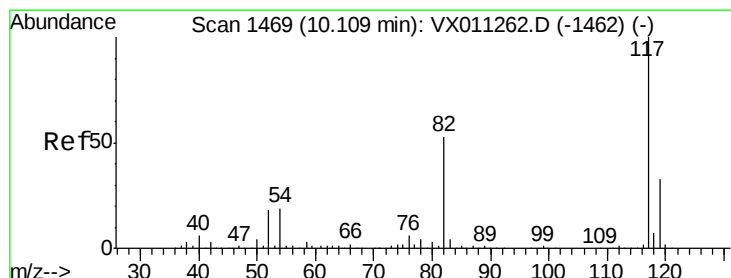
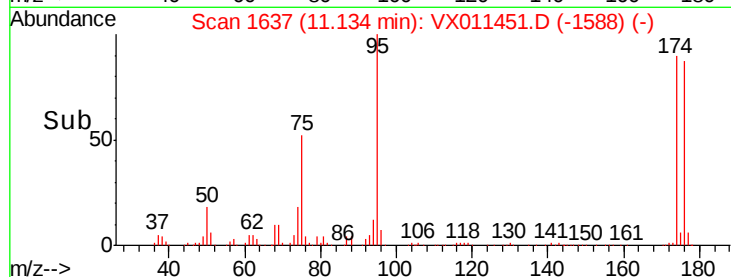
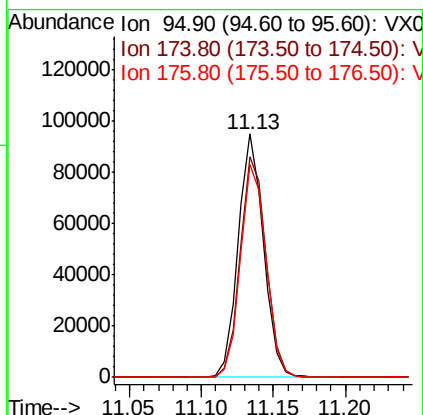
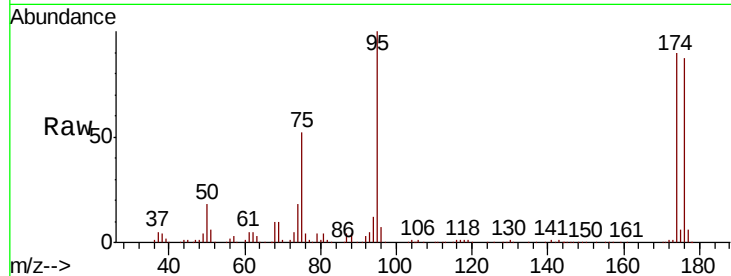




#62
4-Bromofluorobenzene
Concen: 44.071 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

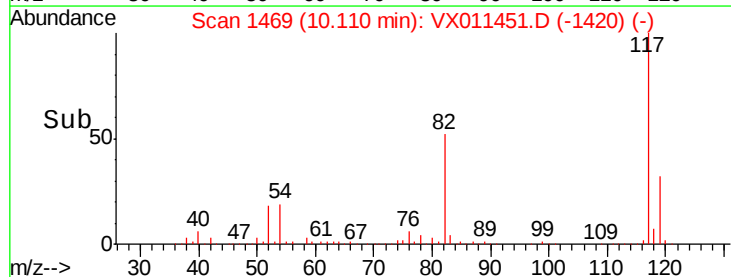
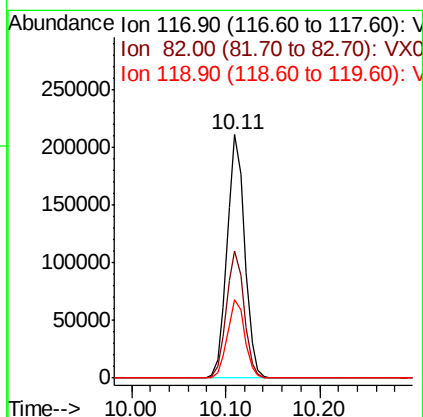
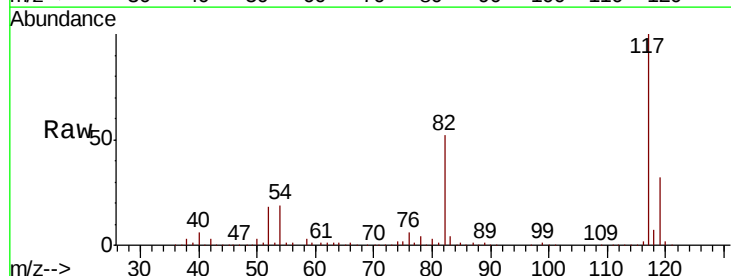
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C1-C4-(0-1)

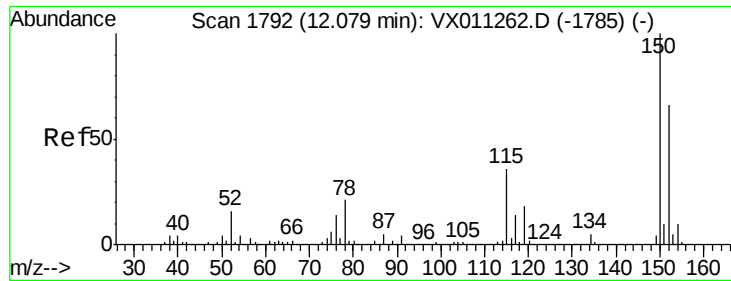
Tgt Ion: 95 Resp: 116365
Ion Ratio Lower Upper
95 100
174 92.3 0.0 191.2
176 88.6 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011451.D
Acq: 12 Aug 2019 00:01

Tgt Ion: 117 Resp: 274353
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.2 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011451.D

Acq: 12 Aug 2019 00:01

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1-C4-(0-1)

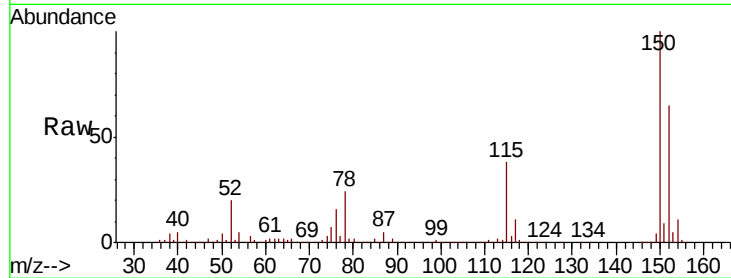
Tgt Ion:152 Resp: 119283

Ion Ratio Lower Upper

152 100

115 55.7 40.0 119.9

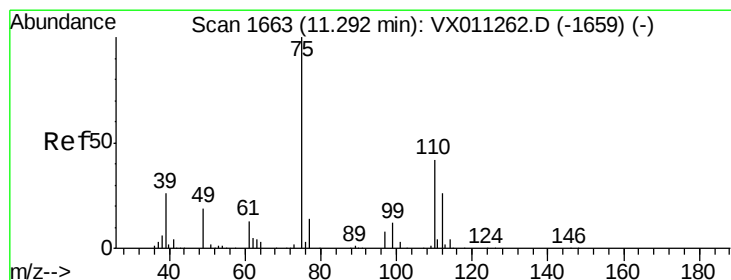
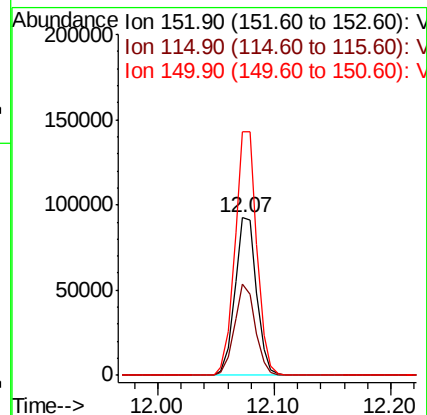
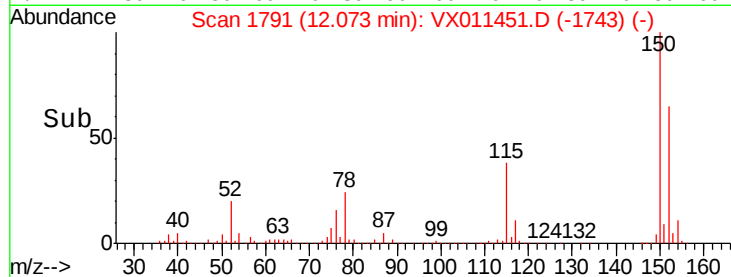
150 156.2 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.727 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011451.D

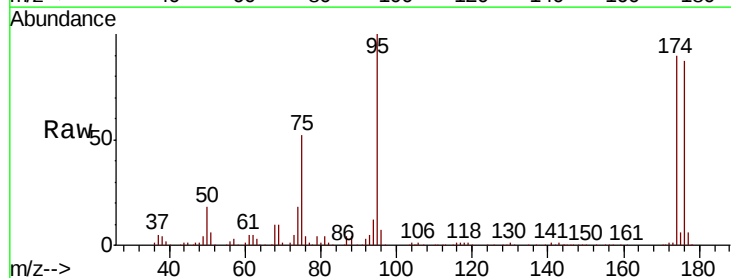
Acq: 12 Aug 2019 00:01

Tgt Ion: 75 Resp: 60232

Ion Ratio Lower Upper

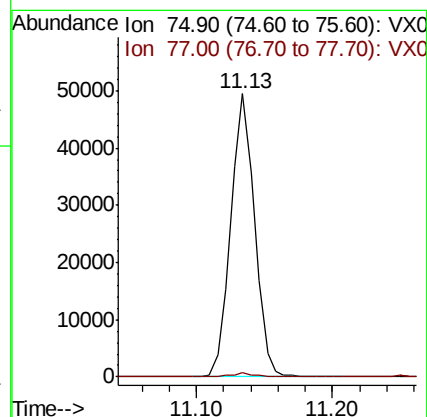
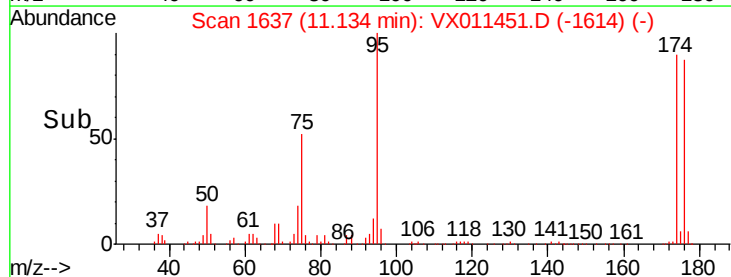
75 100

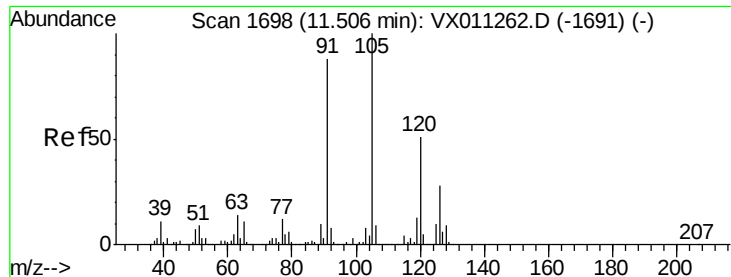
77 1.5 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

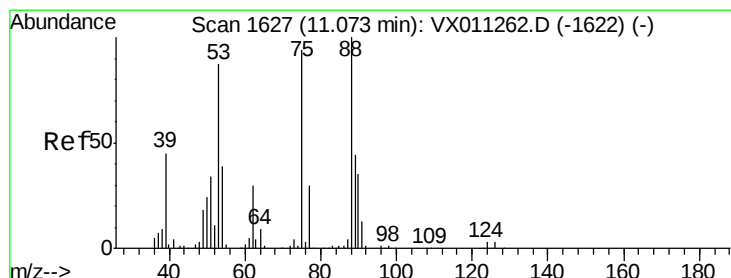
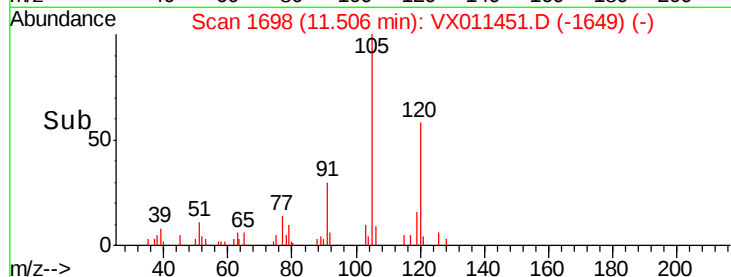
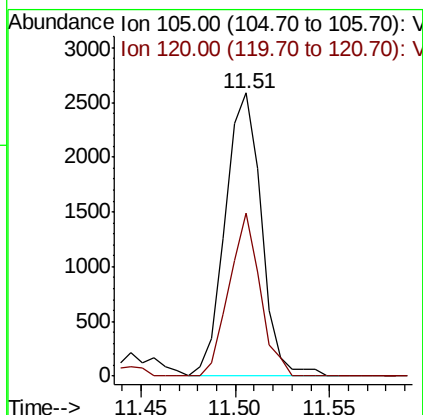
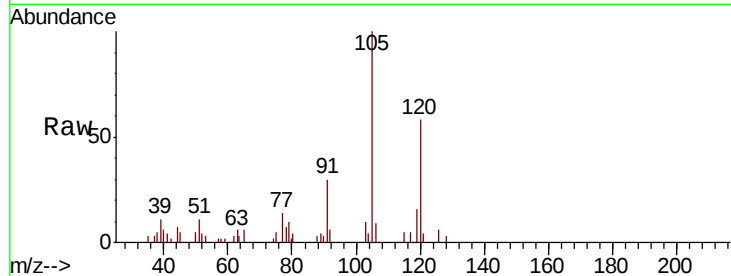




#80
 1,3,5-Trimethylbenzene
 Concen: 0.505 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

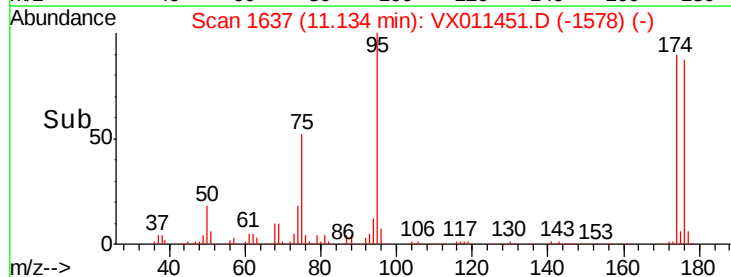
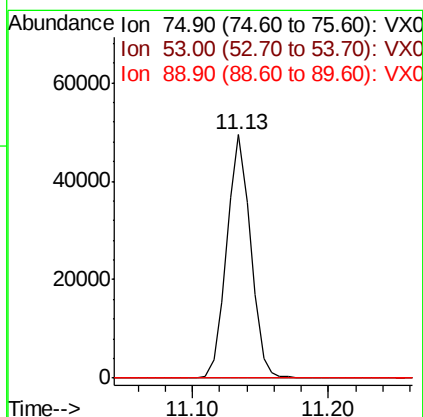
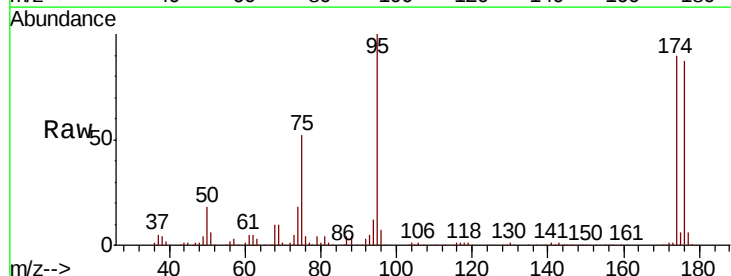
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

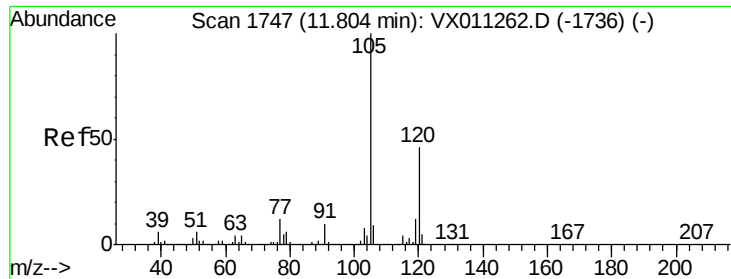
Tgt Ion: 105 Resp: 3451
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.863 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion: 75 Resp: 60232
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.1 37.9 56.9#

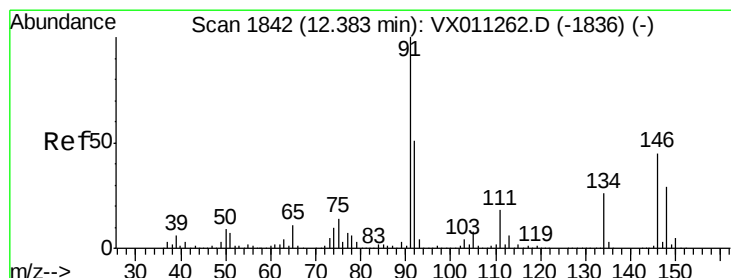
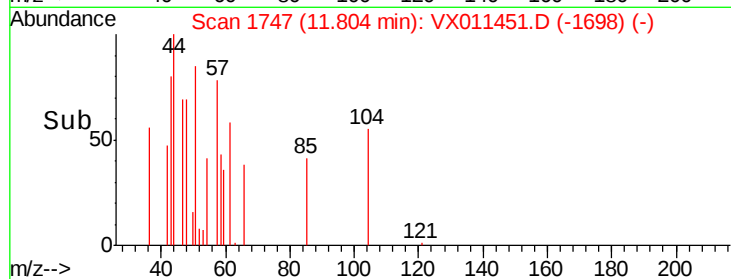
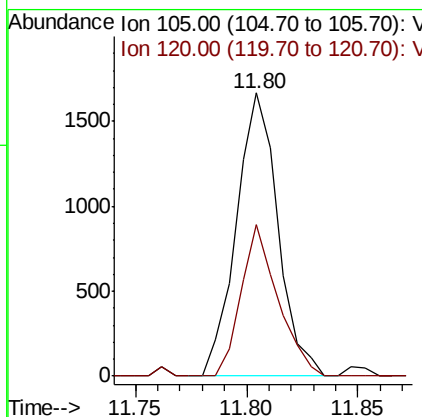
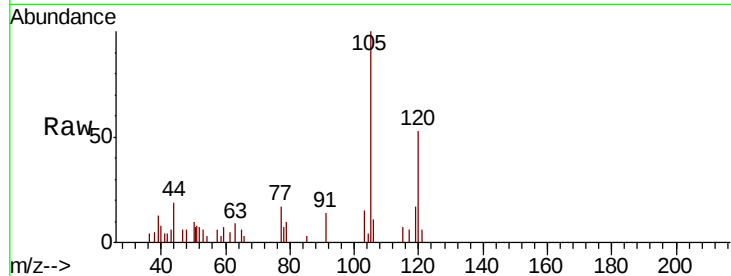




#84
 1,2,4-Trimethylbenzene
 Concen: 0.320 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

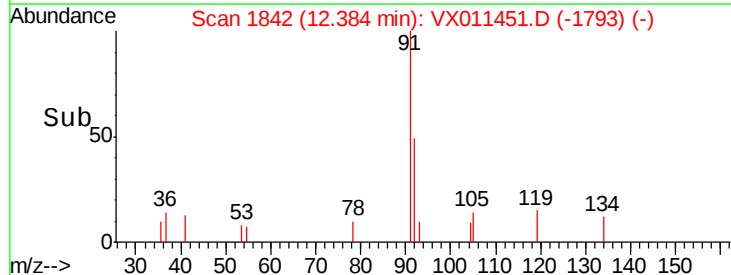
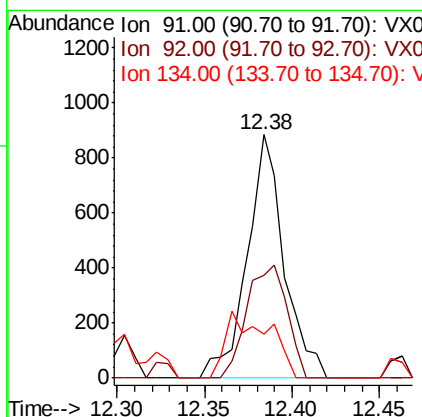
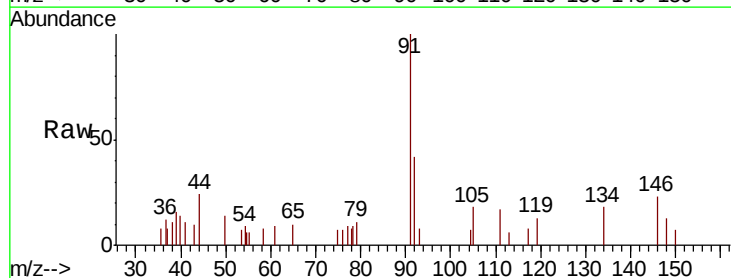
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

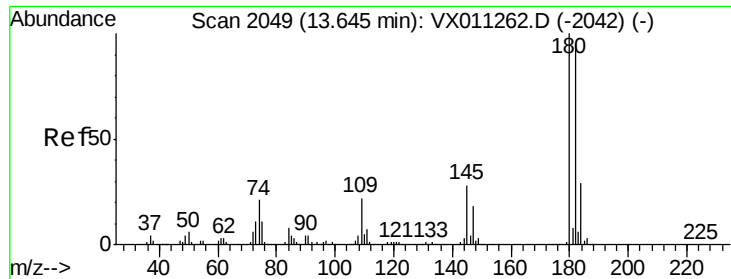
Tgt Ion:105 Resp: 2173
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.0 69.0



#89
 n-Butylbenzene
 Concen: 0.203 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion: 91 Resp: 1297
 Ion Ratio Lower Upper
 91 100
 92 50.3 25.8 77.3
 134 0.0 13.7 41.0#

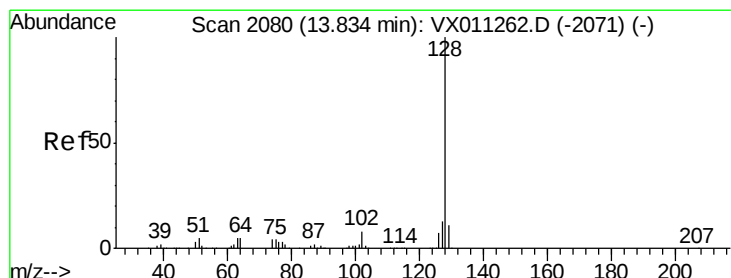
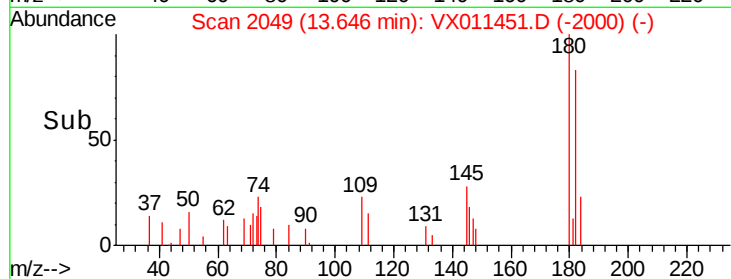
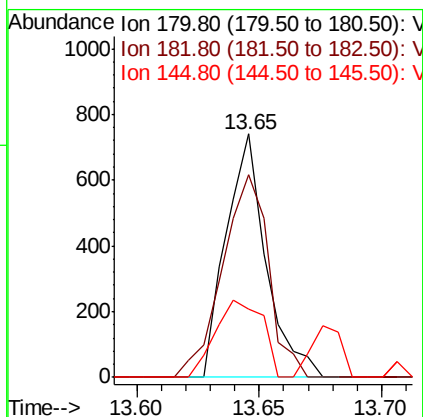
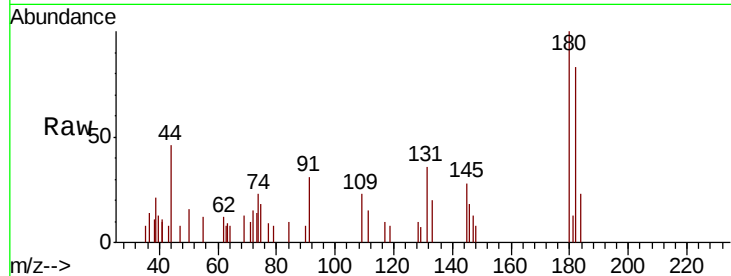




#93
 1,2,4-Trichlorobenzene
 Concen: 0.316 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

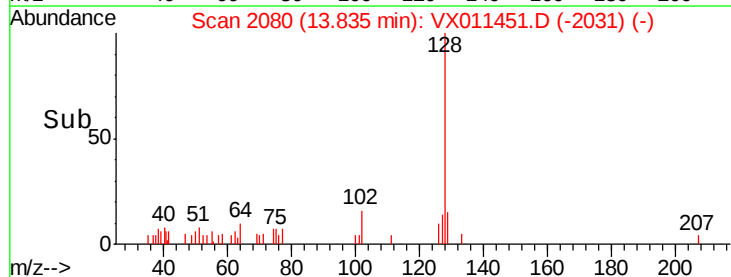
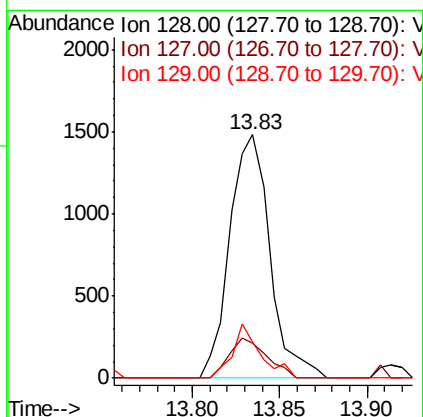
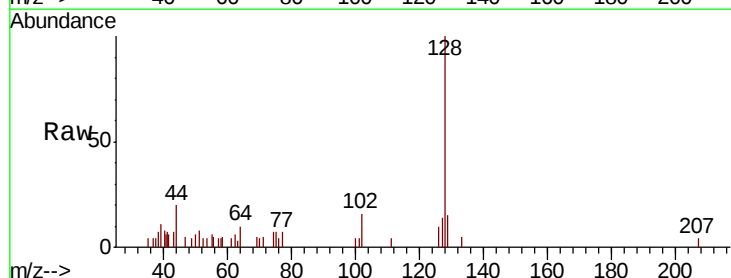
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

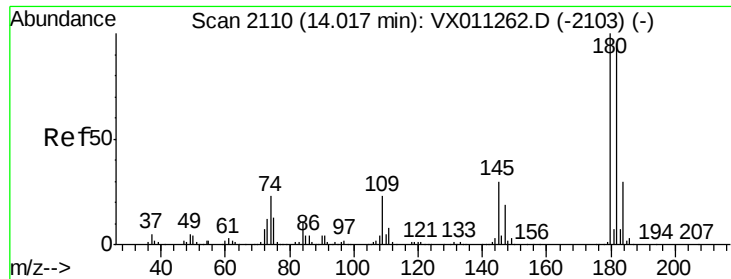
Tgt Ion:180 Resp: 842
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.4
 145 37.4 14.8 44.3



#95
 Naphthalene
 Concen: 0.304 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Tgt Ion:128 Resp: 2366
 Ion Ratio Lower Upper
 128 100
 127 15.3 10.4 15.6
 129 15.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.236 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011451.D
 Acq: 12 Aug 2019 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	112.8	47.4	142.3
145	58.7	15.2	45.6

