

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011166.D
 Acq On : 30 Jul 2019 00:22
 Operator : JC/SP
 Sample : K4026-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684

Quant Time: Jul 30 05:12:38 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	187452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128198	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	103943	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
35) Dibromofluoromethane	5.50	113	96293	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	361949	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	126974	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

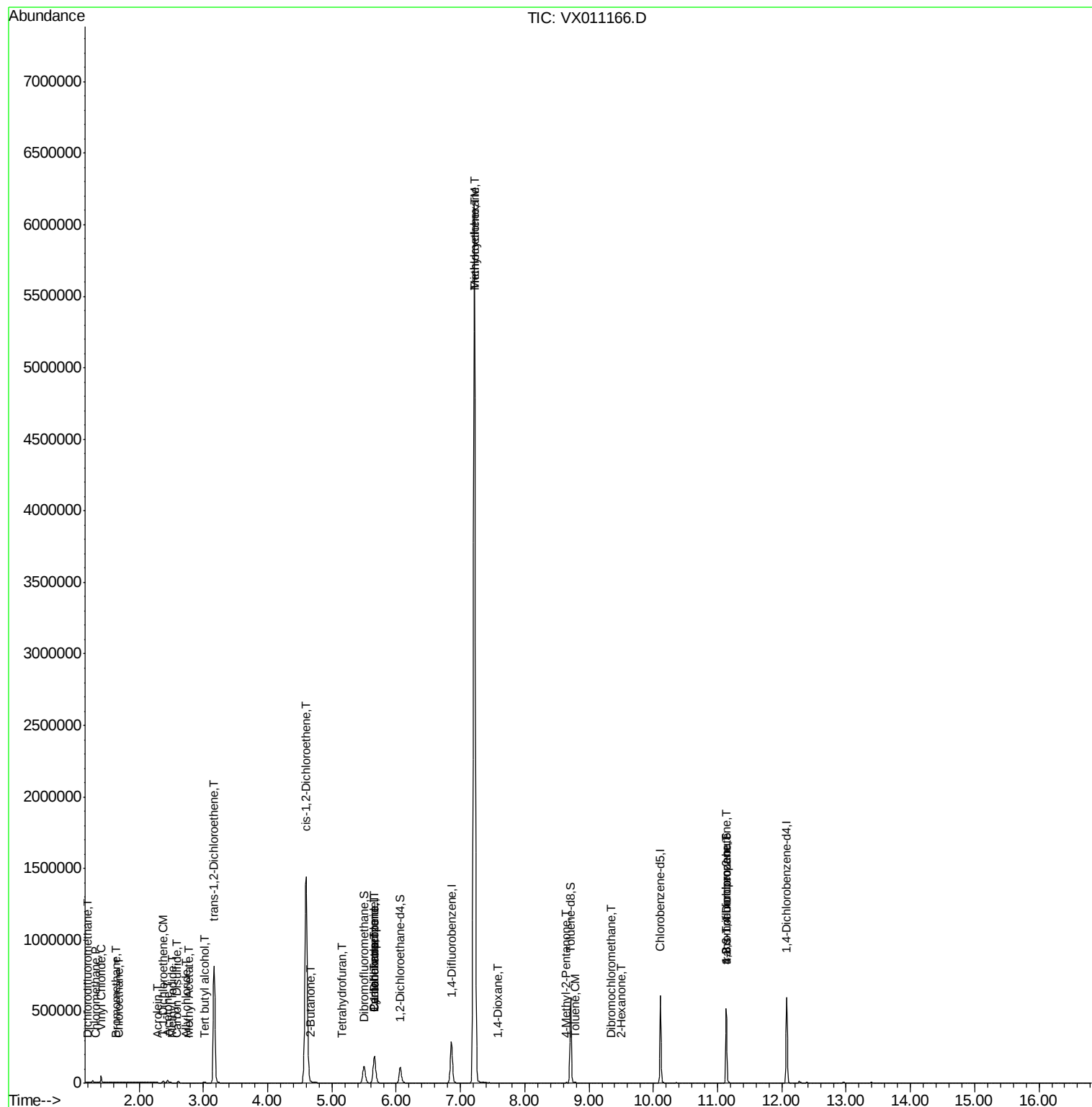
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	464	0.776	ug/l	98
3) Chloromethane	1.32	50	506	0.294	ug/l	91
4) Vinyl Chloride	1.41	62	29621	16.847	ug/l	96
5) Bromomethane	1.65	94	853	0.861	ug/l #	68
6) Chloroethane	1.69	64	2300	2.058	ug/l #	41
10) Methyl Iodide	2.52	142	650	0.291	ug/l #	89
11) Tert butyl alcohol	3.02	59	3148	6.778	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	4807	2.879	ug/l	88
13) Acrolein	2.28	56	154	0.574	ug/l #	71
14) Allyl chloride	2.73	41	589	0.243	ug/l #	77
16) Acetone	2.45	43	16627	18.461	ug/l	100
17) Carbon Disulfide	2.57	76	975	0.228	ug/l #	81
18) Methyl Acetate	2.77	43	571	0.278	ug/l #	73
21) trans-1,2-Dichloroethene	3.17	96	359323	202.822	ug/l	100
25) 2-Butanone	4.68	43	3136	2.426	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	975770	475.905	ug/l	88
29) Tetrahydrofuran	5.16	42	795	0.971	ug/l #	79
31) Cyclohexane	5.67	56	3627	1.340	ug/l #	20
36) 1,1-Dichloropropene	5.67	75	12863	5.217	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17225	6.705	ug/l #	19
39) Methylcyclohexane	7.21	83	27669	8.654	ug/l #	1
44) Trichloroethene	7.22	130	2426430	1085.394	ug/l	95
49) 1,4-Dioxane	7.59	88	46	0.813	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	709	0.263	ug/l	97
52) Toluene	8.79	92	1131	0.228	ug/l	98
59) 2-Hexanone	9.50	43	470	0.225	ug/l	99
60) Dibromochloromethane	9.35	129	341	2.666	ug/l #	11
76) 1,2,3-Trichloropropane	11.13	75	63355	27.386	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	63355	67.841	ug/l #	11

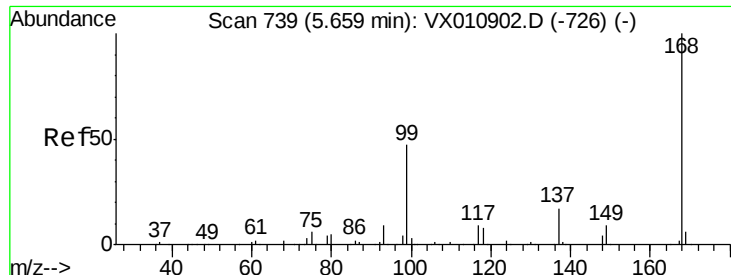
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011166.D
Acq On : 30 Jul 2019 00:22
Operator : JC/SP
Sample : K4026-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Quant Time: Jul 30 05:12:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

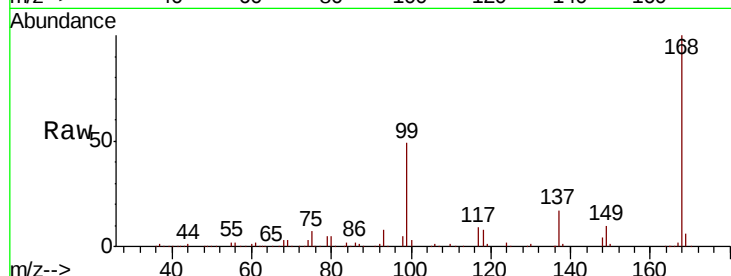
Z3-0684

Tot Ion:168 Resp: 187452

Ion Ratio Lower Upper

168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

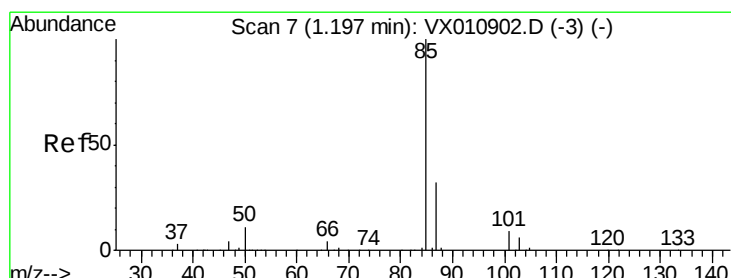
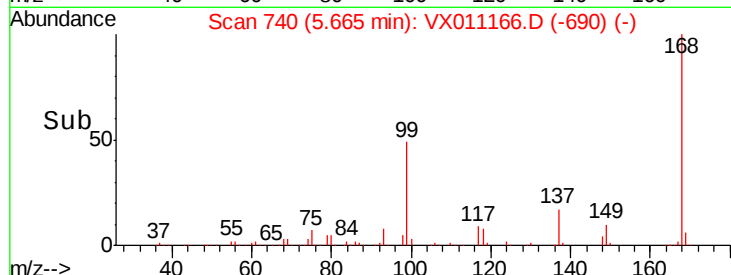
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.776 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX011166.D

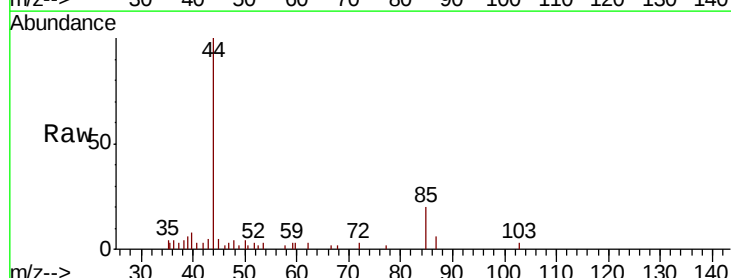
Acq: 30 Jul 2019 00:22

Tgt Ion: 85 Resp: 464

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

500

400

300

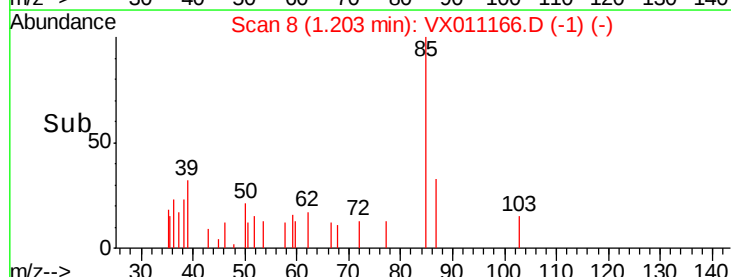
200

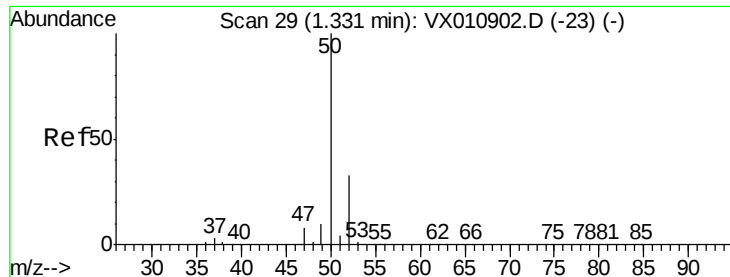
100

0

1.16 1.18 1.20 1.22 1.24

Time-->





#3

Chloromethane

Concen: 0.294 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

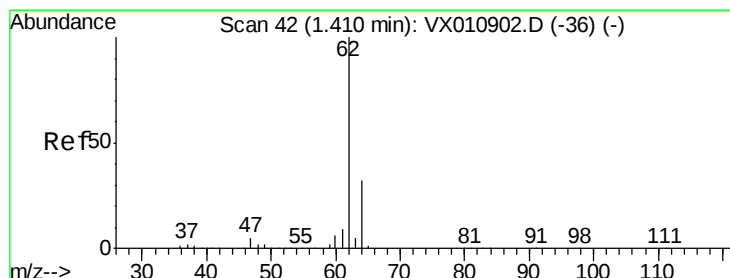
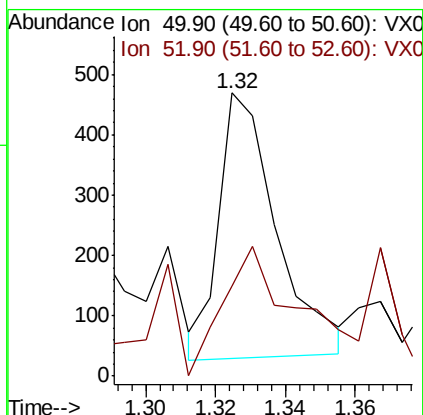
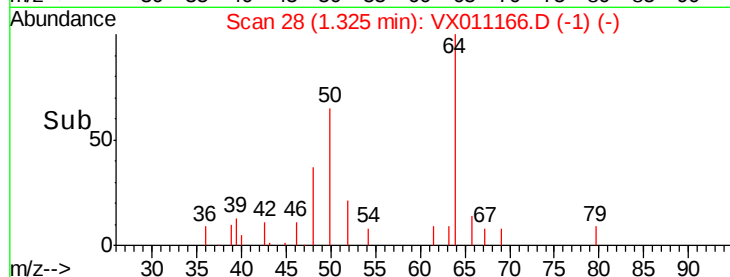
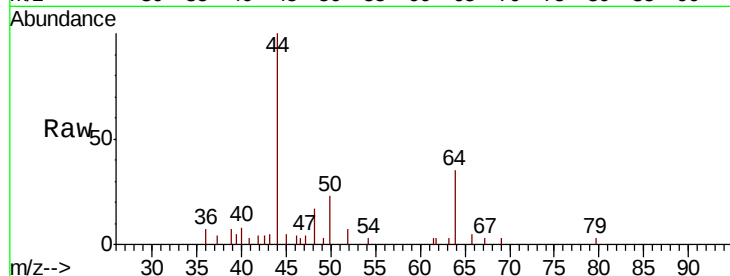
Z3-0684

Tot Ion: 50 Resp: 506

Ion Ratio Lower Upper

50 100

52 37.9 26.4 39.6



#4

Vinyl Chloride

Concen: 16.847 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011166.D

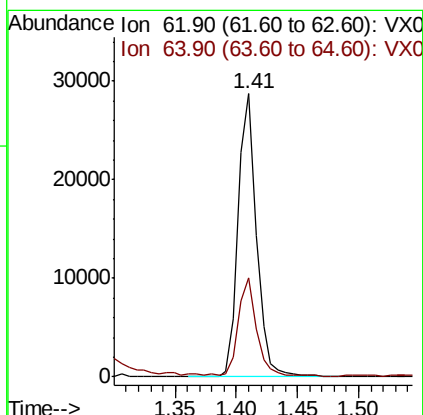
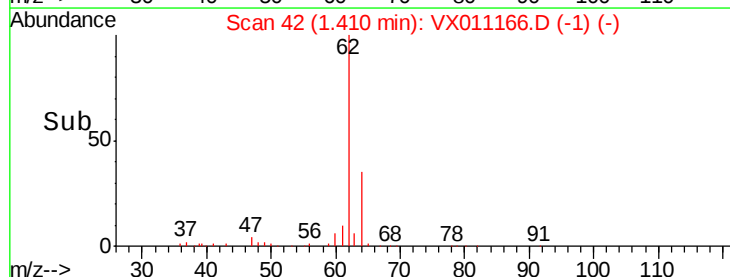
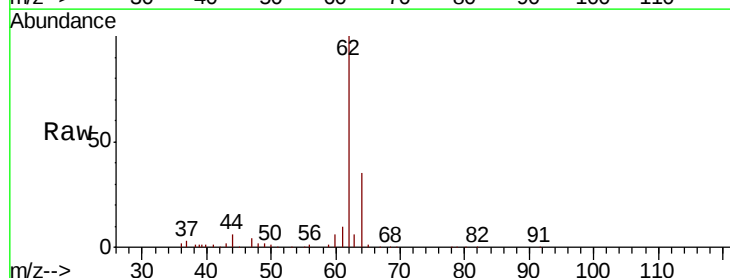
Acq: 30 Jul 2019 00:22

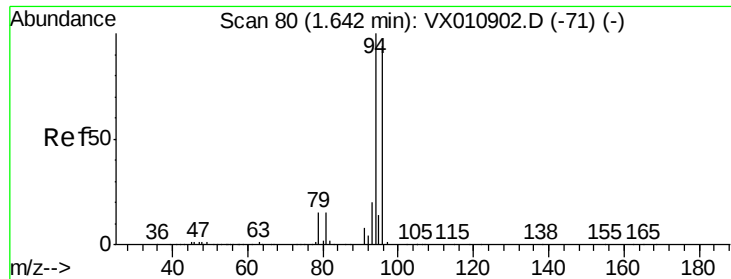
Tgt Ion: 62 Resp: 29621

Ion Ratio Lower Upper

62 100

64 34.5 25.7 38.5





#5

Bromomethane

Concen: 0.861 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

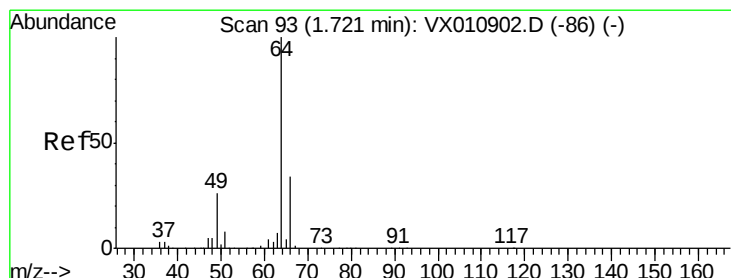
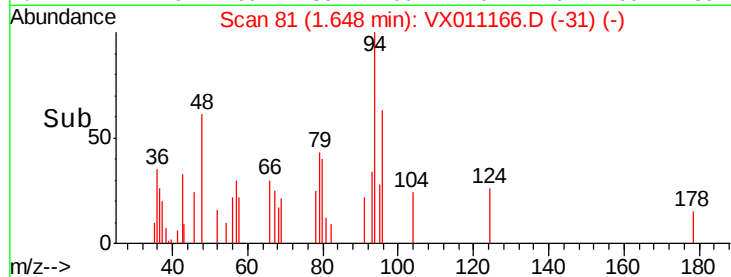
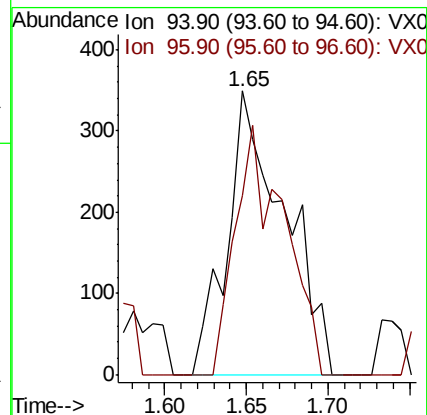
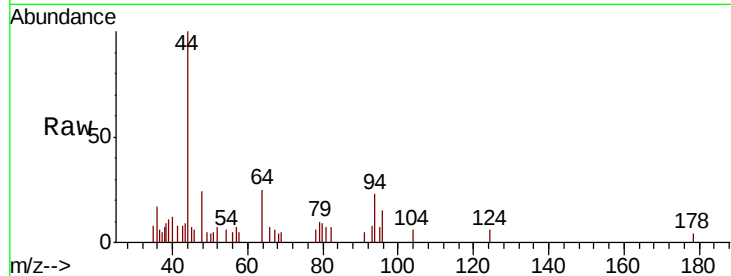
Z3-0684

Tot Ion: 94 Resp: 853

Ion Ratio Lower Upper

94 100

96 63.3 75.6 113.4#



#6

Chloroethane

Concen: 2.058 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.03 min

Lab File: VX011166.D

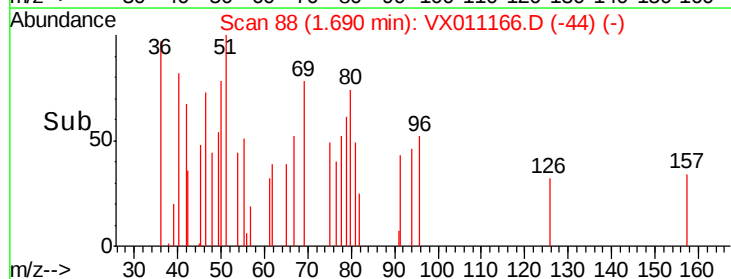
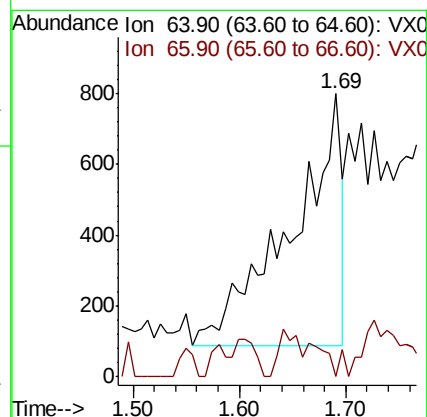
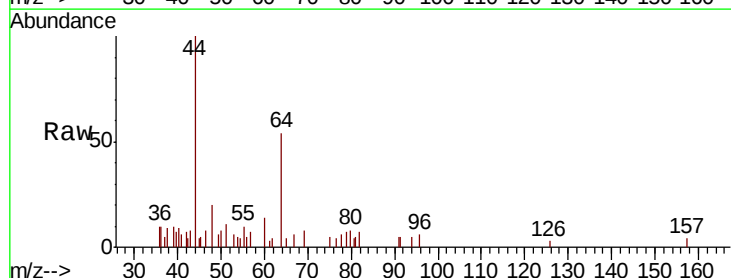
Acq: 30 Jul 2019 00:22

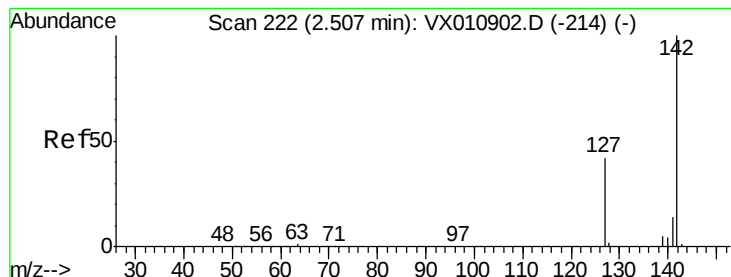
Tgt Ion: 64 Resp: 2300

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#

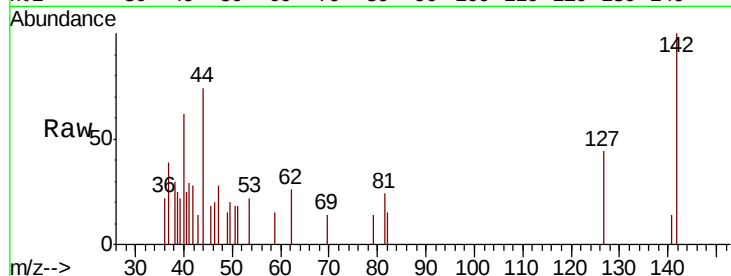




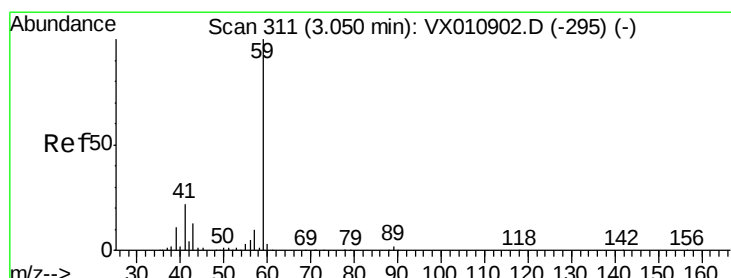
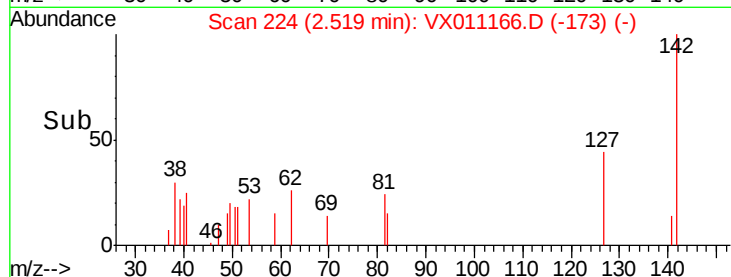
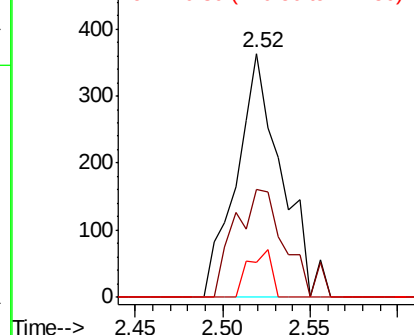
#10
Methvl Iodide
Concen: 0.291 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tot Ion:142 Resp: 650
Ion Ratio Lower Upper
142 100
127 50.0 34.2 51.4
141 10.0 11.7 17.5#

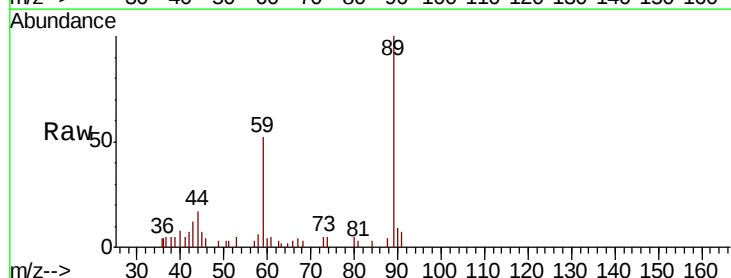


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

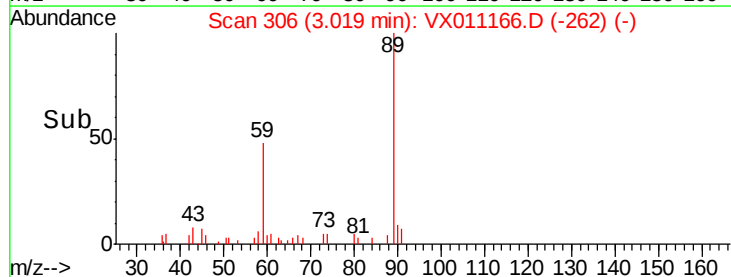
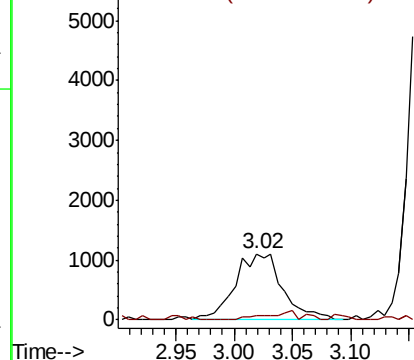


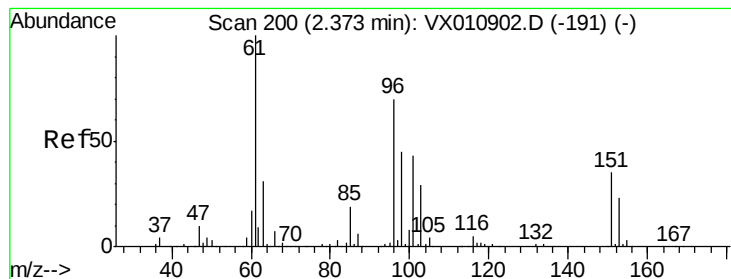
#11
Tert butyl alcohol
Concen: 6.778 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 59 Resp: 3148
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 2.879 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

Z3-0684

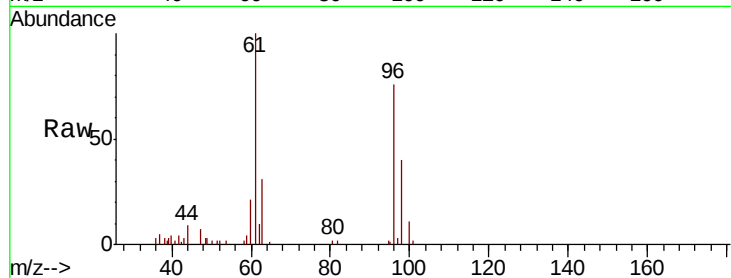
Tot Ion: 96 Resp: 4807

Ion Ratio Lower Upper

96 100

61 131.3 115.0 172.4

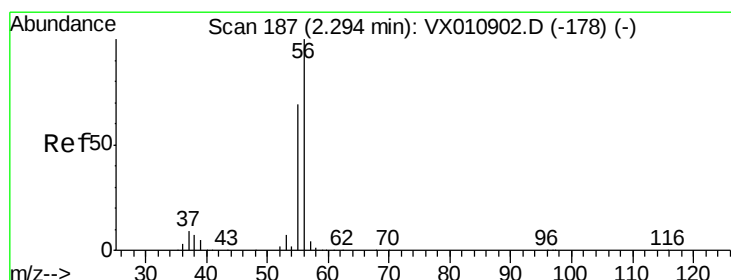
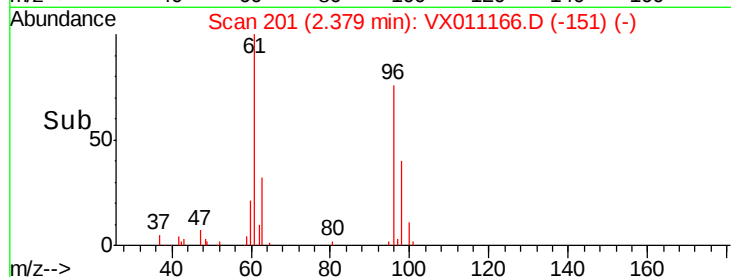
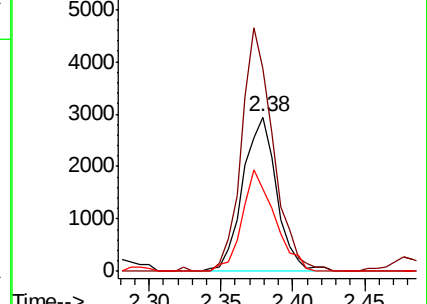
98 53.0 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.574 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX011166.D

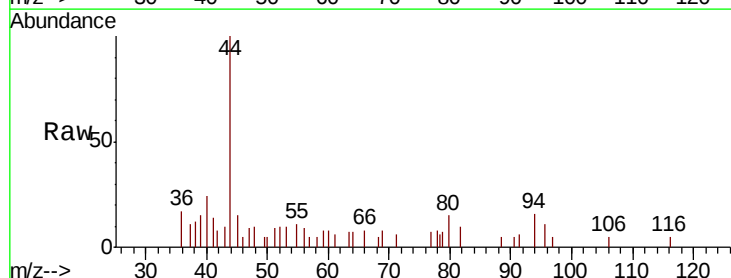
Acq: 30 Jul 2019 00:22

Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

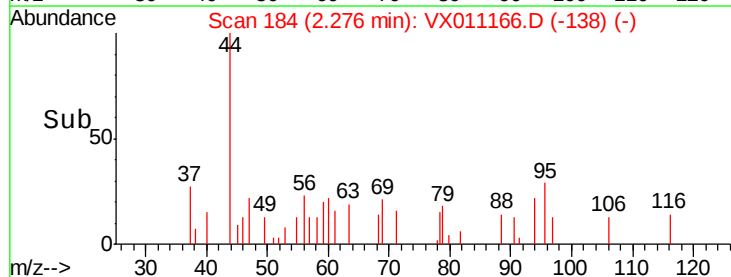
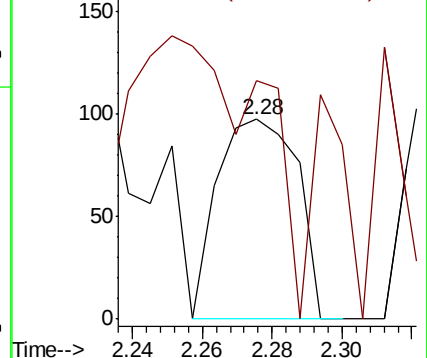
56 100

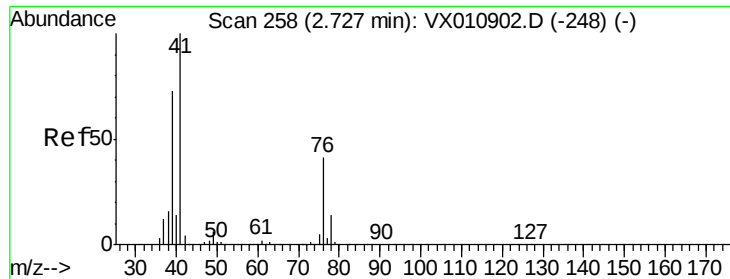
55 46.1 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

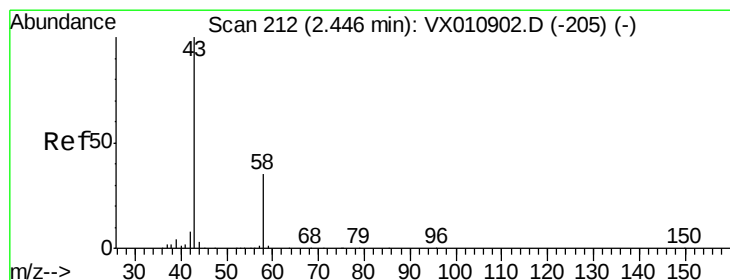
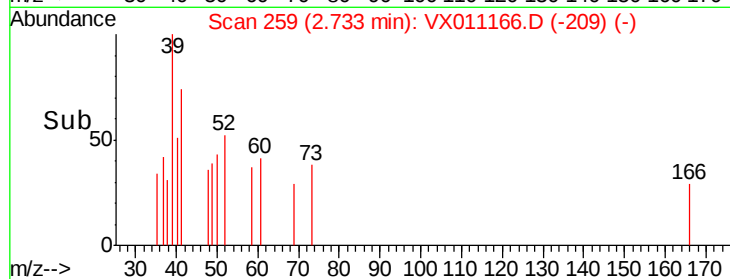
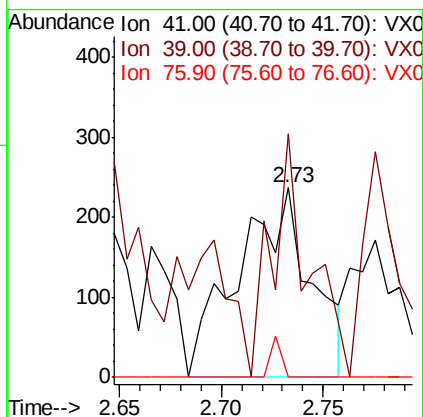
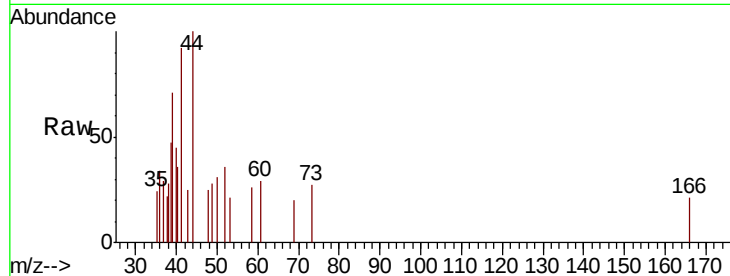




#14
Allvl chloride
Concen: 0.243 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

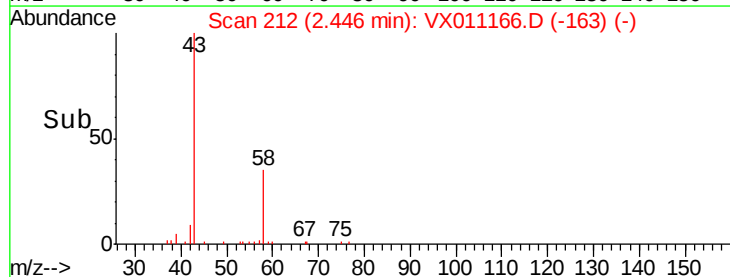
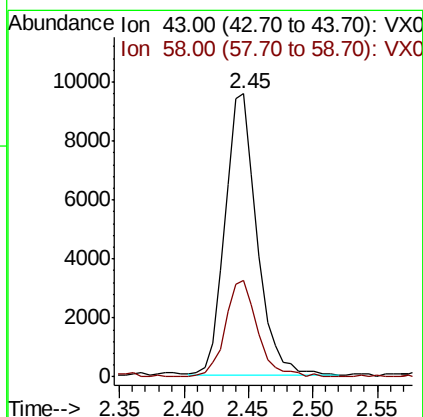
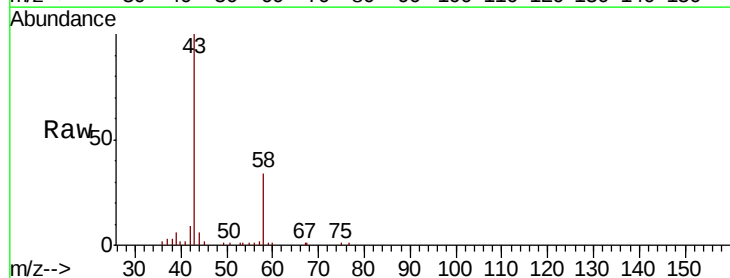
Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

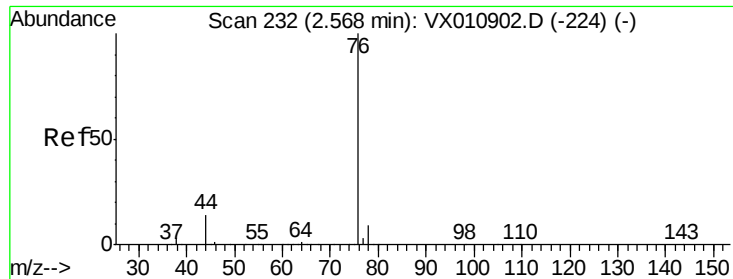
Tot Ion: 41 Resp: 589
Ion Ratio Lower Upper
41 100
39 65.7 53.6 80.4
76 0.0 29.7 44.5#



#16
Acetone
Concen: 18.461 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 43 Resp: 16627
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

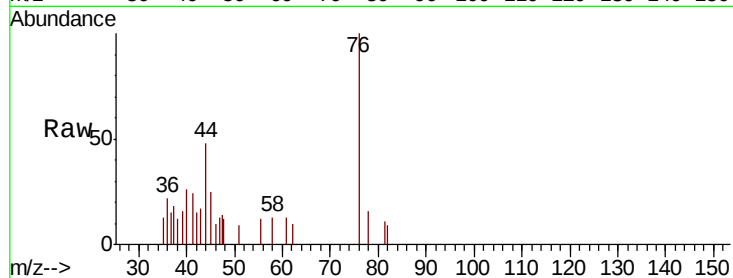
Z3-0684

Tot Ion: 76 Resp: 975

Ion Ratio Lower Upper

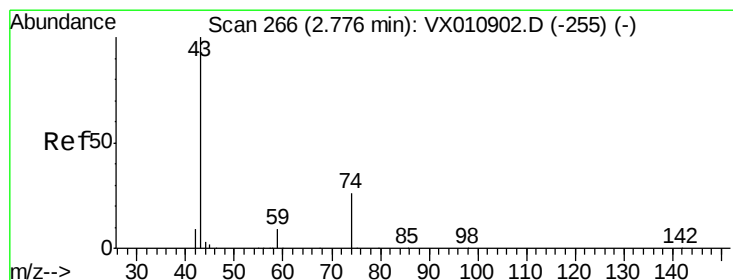
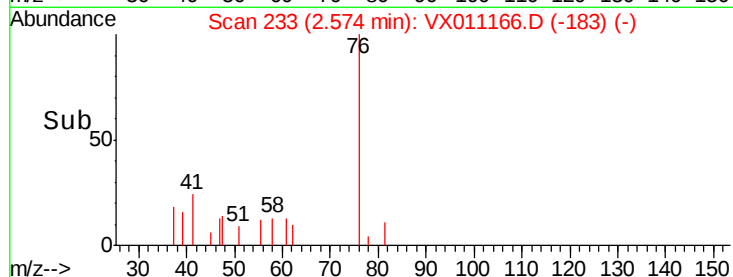
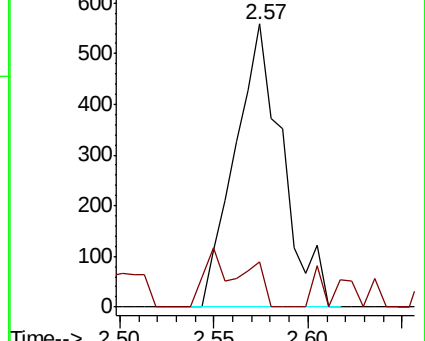
76 100

78 15.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.278 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX011166.D

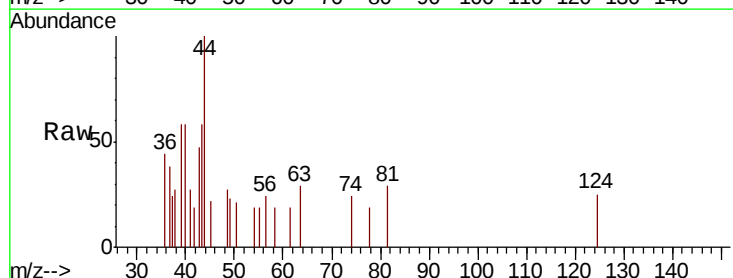
Acq: 30 Jul 2019 00:22

Tgt Ion: 43 Resp: 571

Ion Ratio Lower Upper

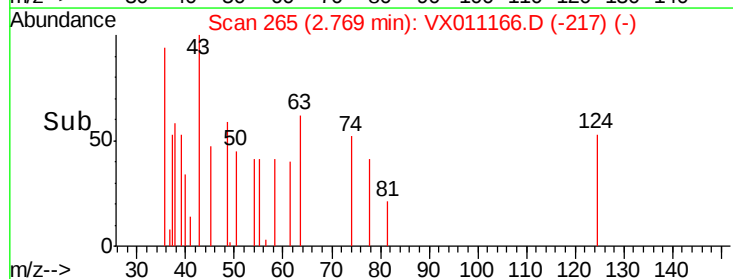
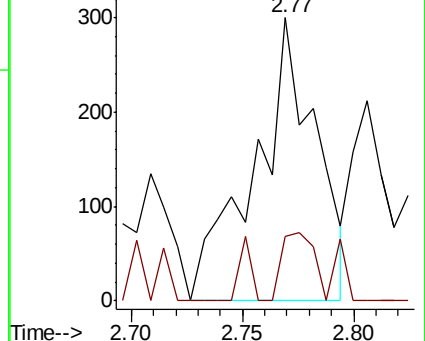
43 100

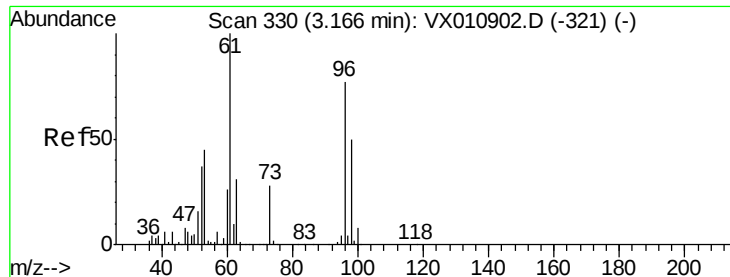
74 12.8 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 202.822 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

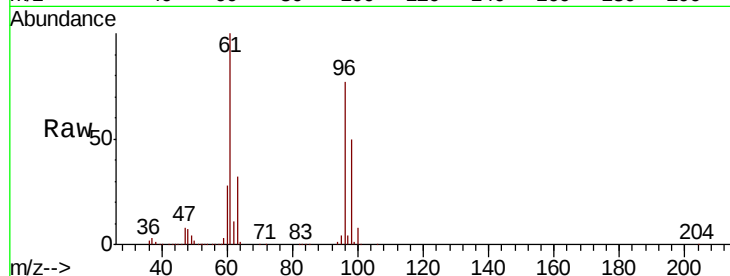
Tot Ion: 96 Resp: 359323

Ion Ratio Lower Upper

96 100

61 130.2 104.2 156.2

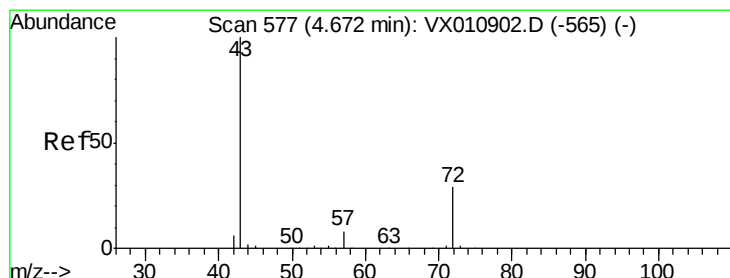
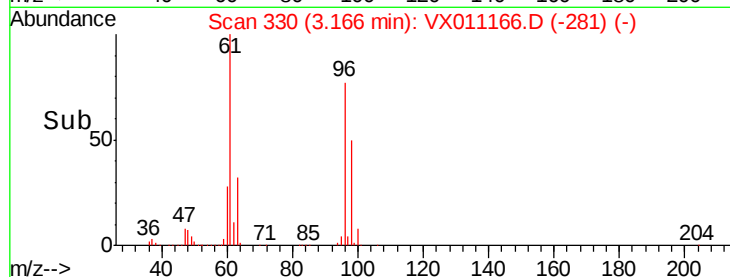
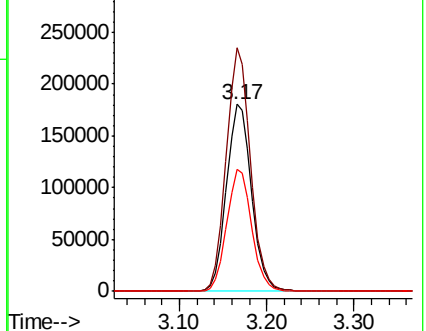
98 65.1 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 2.426 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011166.D

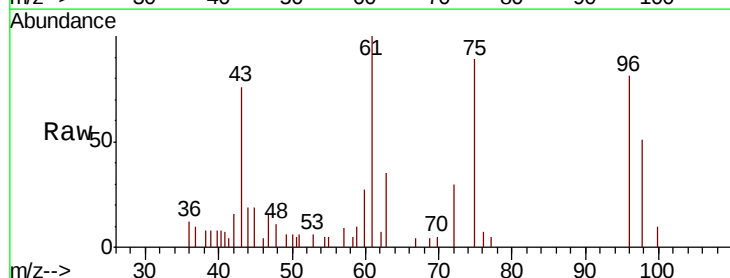
Acq: 30 Jul 2019 00:22

Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

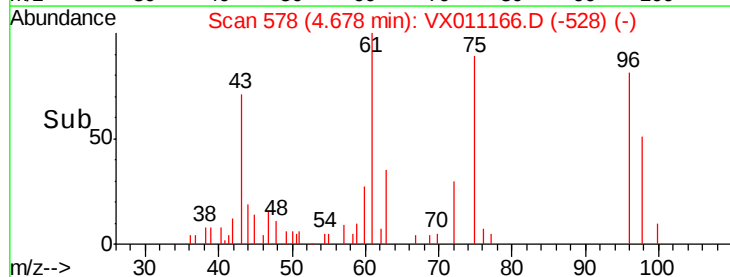
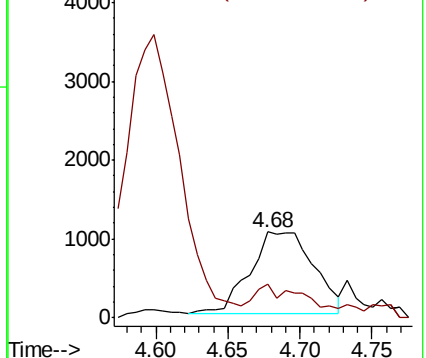
43 100

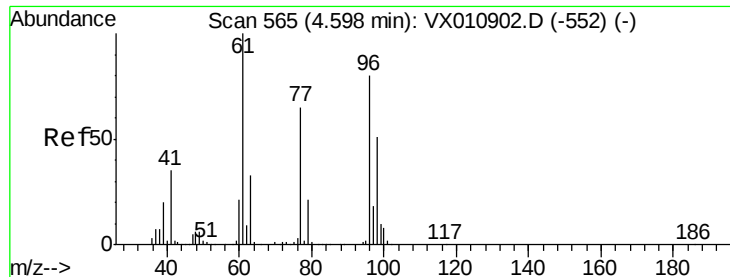
72 30.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



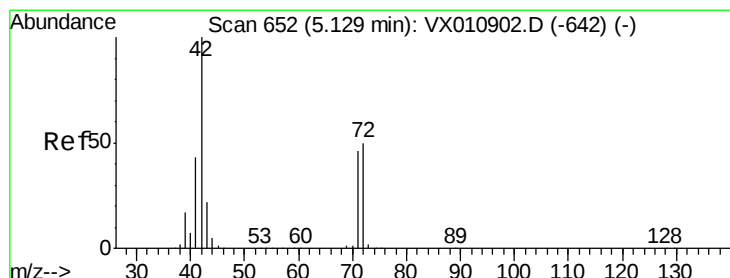
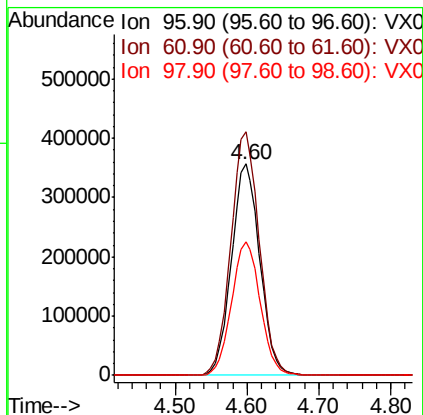
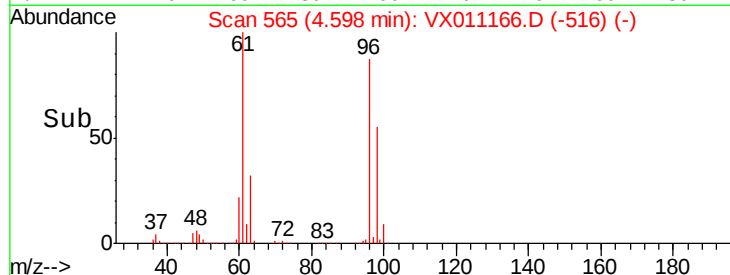
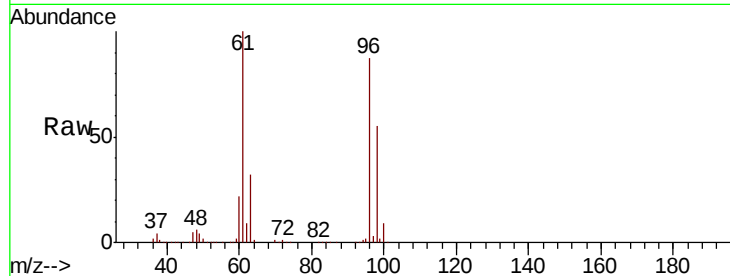


#27

cis-1,2-Dichloroethene
 Concen: 475.905 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011166.D
 Acq: 30 Jul 2019 00:22

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0684

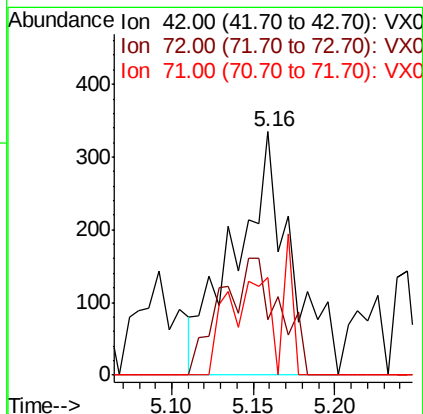
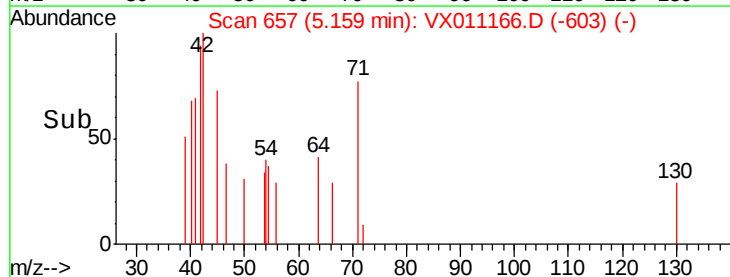
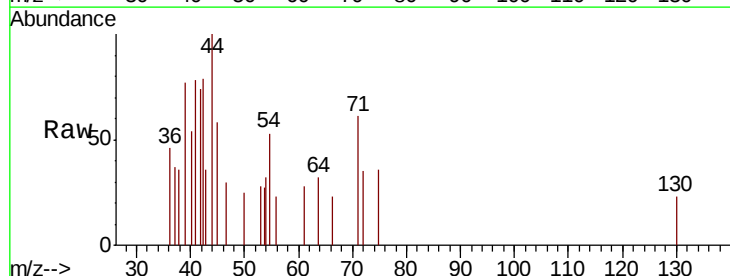
Tot Ion: 96 Resp: 975770
 Ion Ratio Lower Upper
 96 100
 61 115.5 0.0 269.0
 98 63.7 0.0 131.4

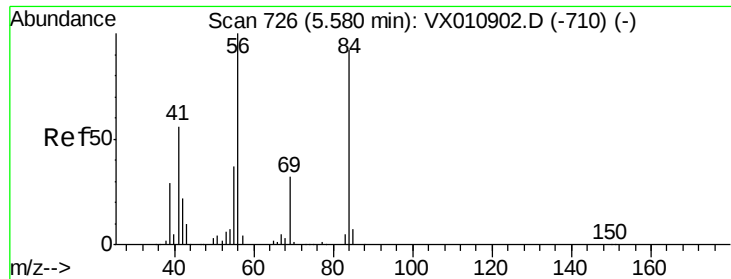


#29

Tetrahydrofuran
 Concen: 0.971 ug/l
 RT: 5.16 min Scan# 657
 Delta R.T. 0.03 min
 Lab File: VX011166.D
 Acq: 30 Jul 2019 00:22

Tgt Ion: 42 Resp: 795
 Ion Ratio Lower Upper
 42 100
 72 49.7 39.8 59.8
 71 17.7 37.0 55.4#

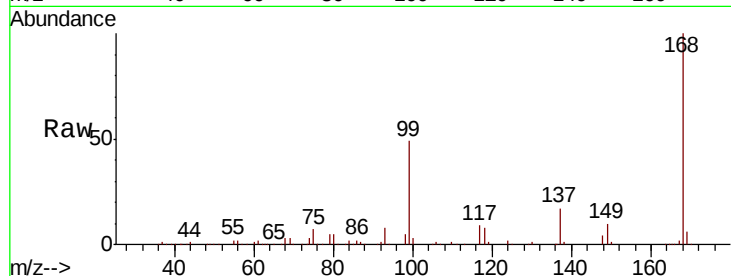




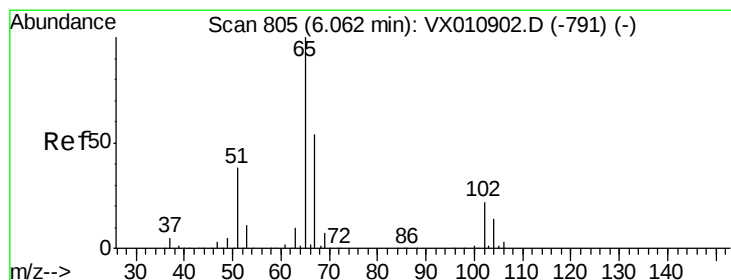
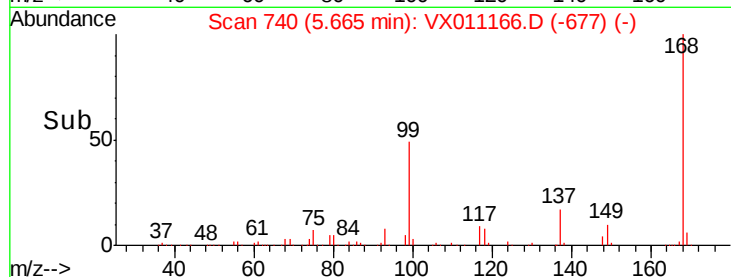
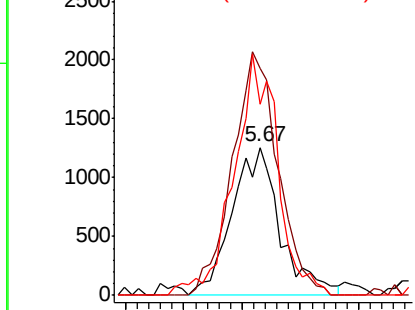
#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampled :
Z3-0684

Tot Ion: 56 Resp: 3627
Ion Ratio Lower Upper
56 100
69 153.1 25.8 38.8#
84 123.0 73.8 110.6#

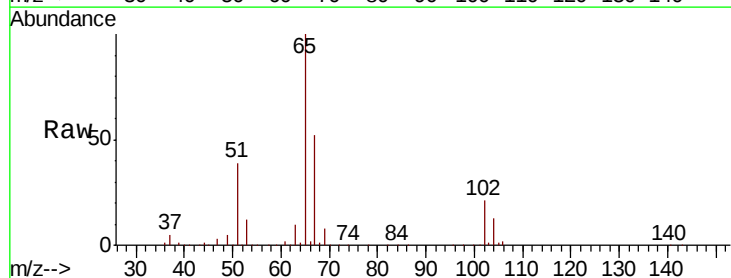


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

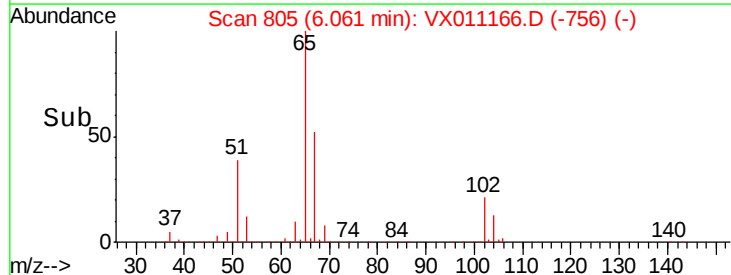
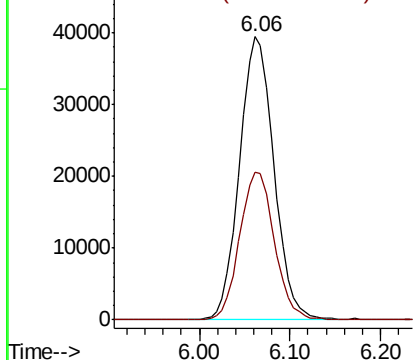


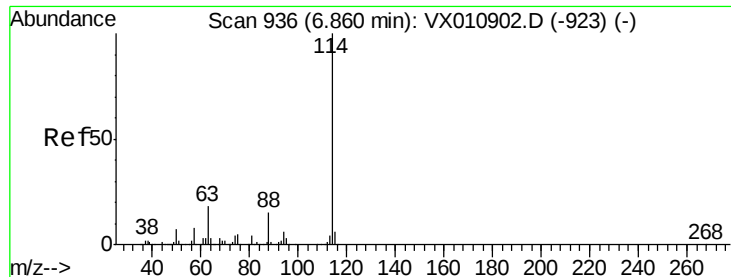
#33
1,2-Dichloroethane-d4
Concen: 52.123 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 65 Resp: 103943
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

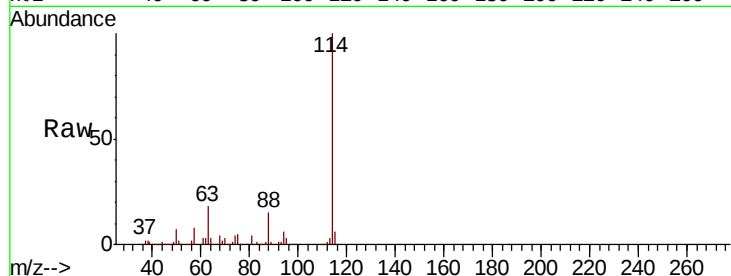
Tot Ion:114 Resp: 300156

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

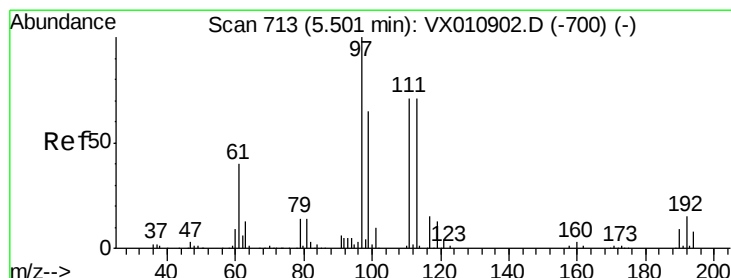
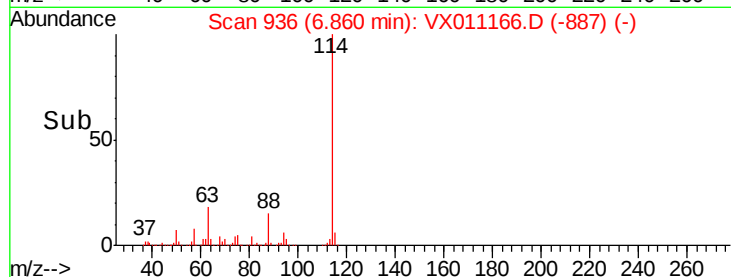
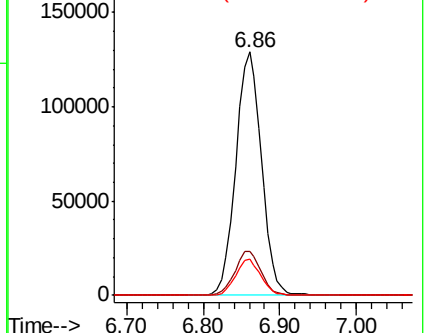
88 14.9 0.0 29.8



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



#35

Dibromofluoromethane

Concen: 50.543 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

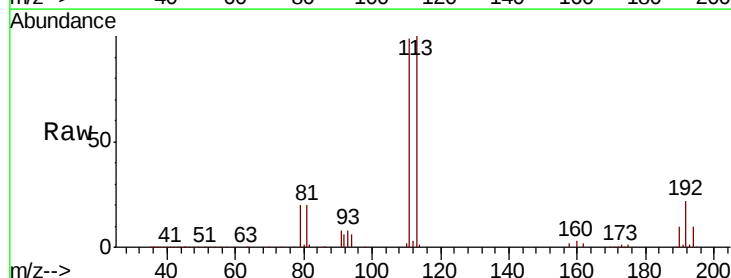
Tgt Ion:113 Resp: 96293

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

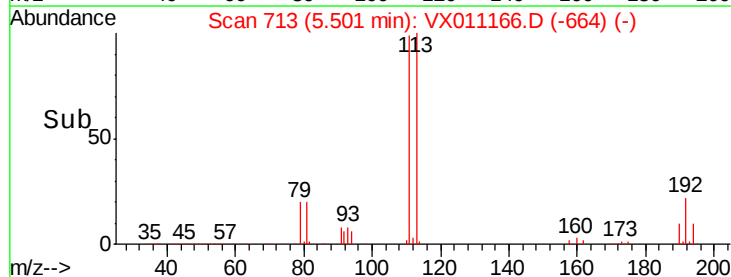
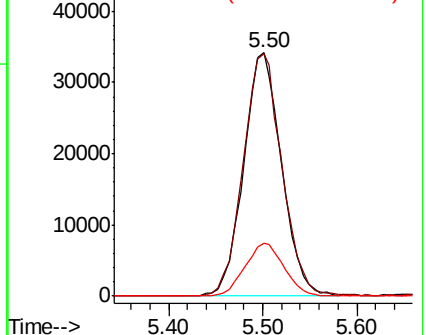
192 22.3 17.4 26.2

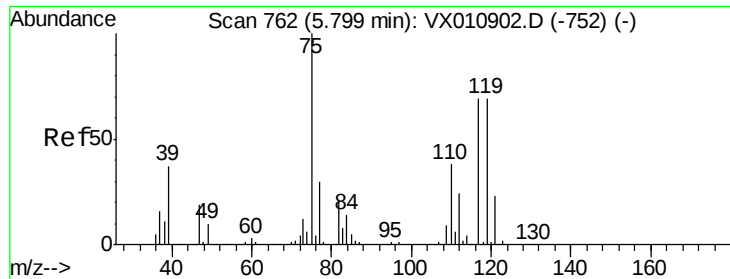


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

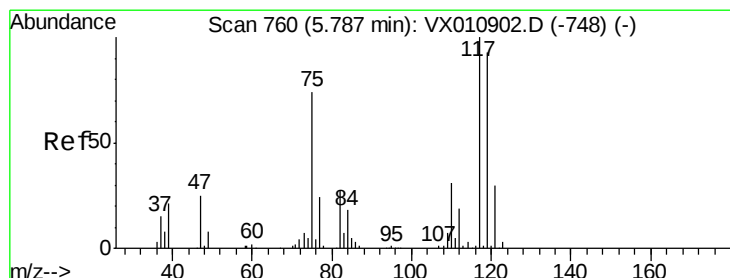
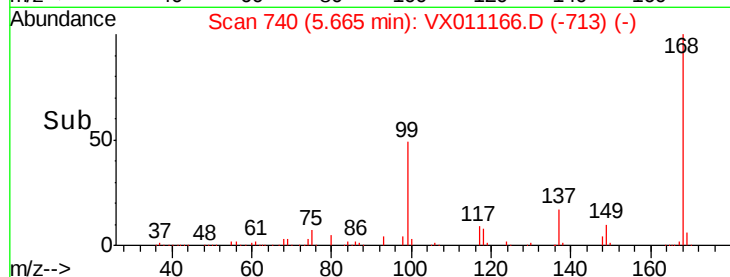
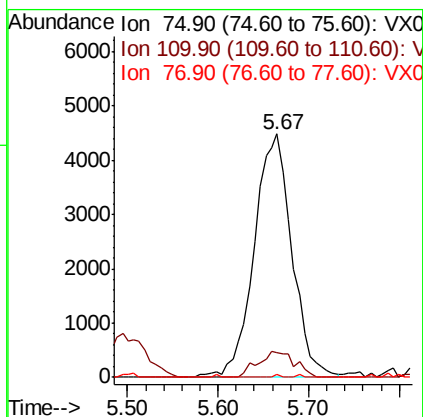
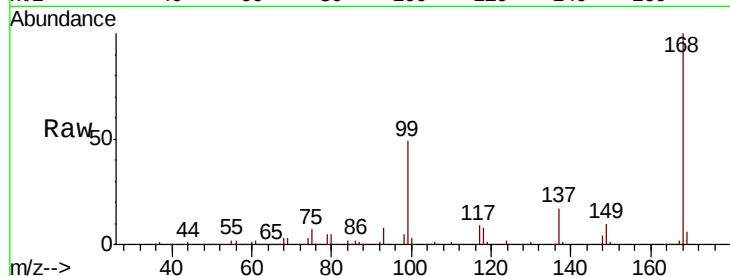




#36
 1,1-Dichloropropene
 Concen: 5.217 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX011166.D
 Acq: 30 Jul 2019 00:22

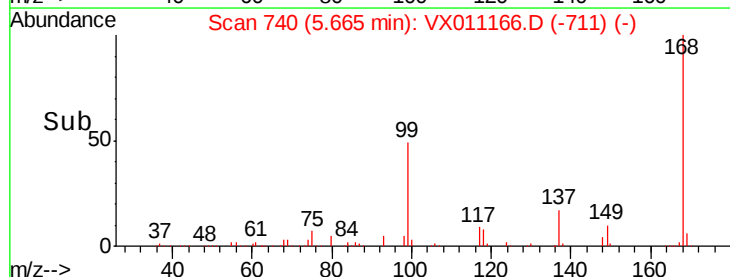
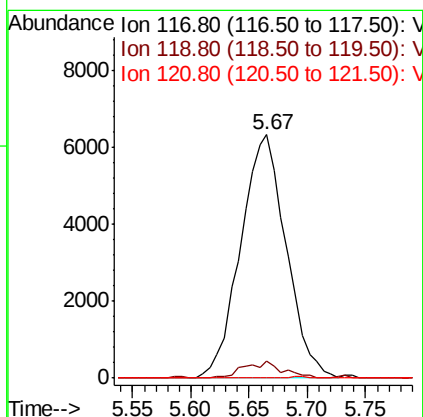
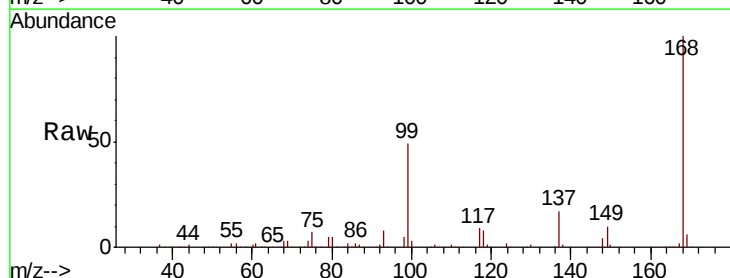
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0684

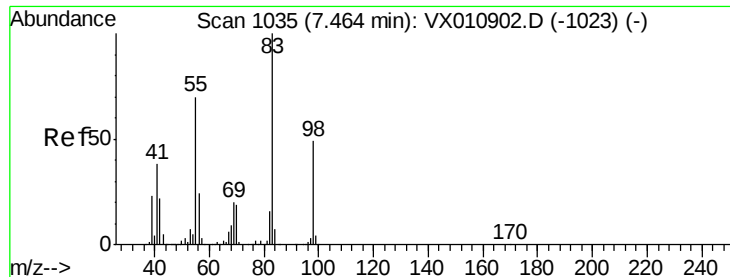
Tot Ion: 75 Resp: 12863
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.9 59.7#
 77 0.2 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.705 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX011166.D
 Acq: 30 Jul 2019 00:22

Tgt Ion: 117 Resp: 17225
 Ion Ratio Lower Upper
 117 100
 119 6.8 74.2 111.2#
 121 0.0 24.2 36.2#

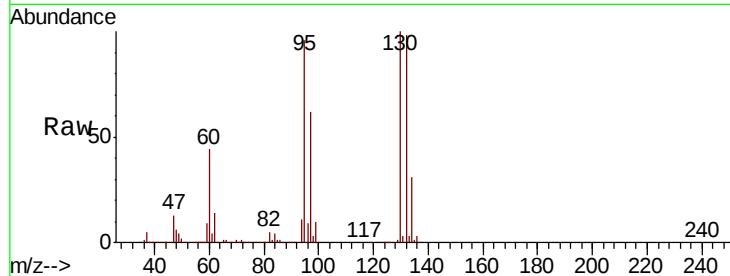




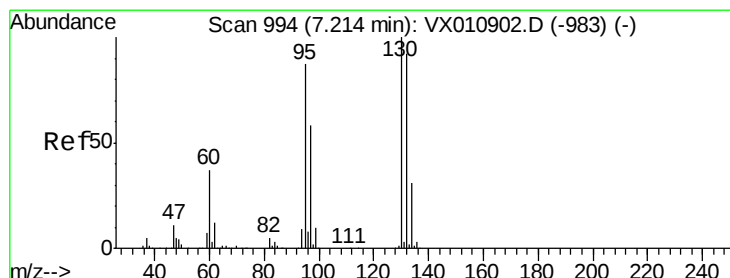
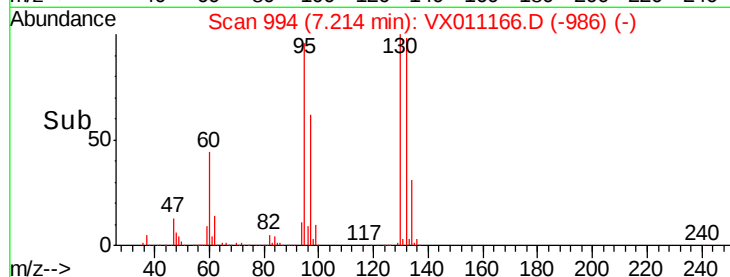
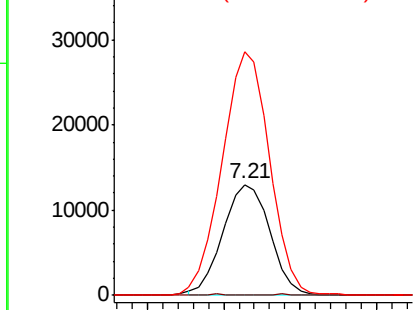
#39
Methylcyclohexane
Concen: 8.654 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tot Ion: 83 Resp: 27669
Ion Ratio Lower Upper
83 100
55 0.4 56.2 84.4#
98 218.9 39.0 58.4#

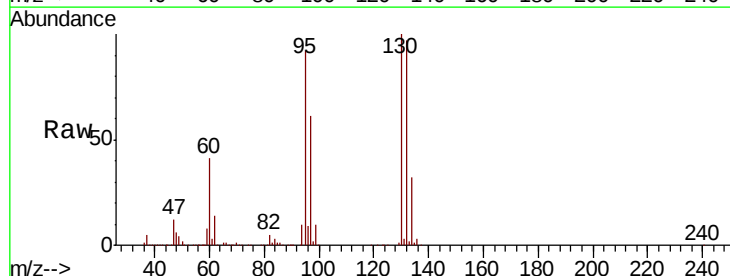


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

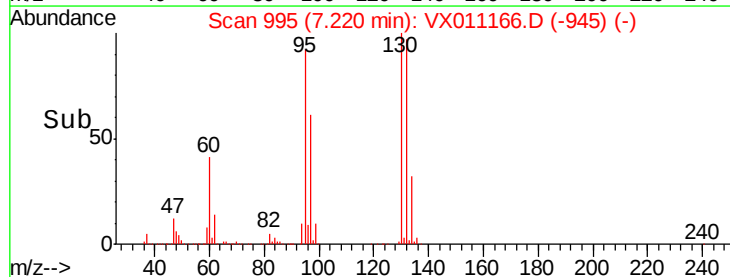
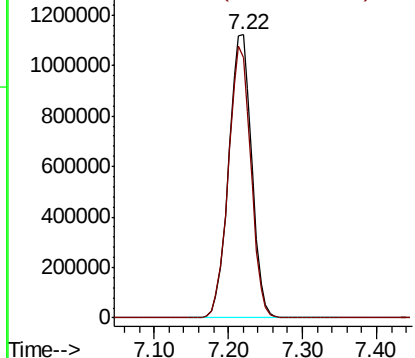


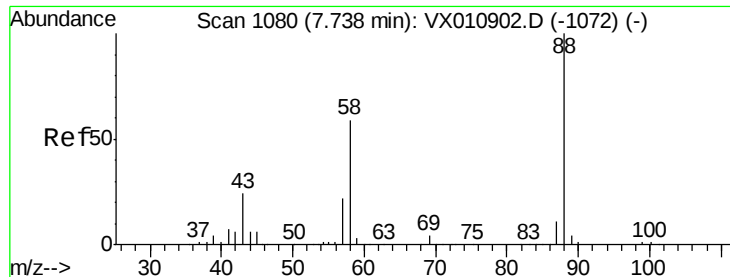
#44
Trichloroethene
Concen: 1085.394 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion:130 Resp: 2426430
Ion Ratio Lower Upper
130 100
95 92.1 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 0.813 ug/l

RT: 7.59 min Scan# 1055

Delta R.T. -0.15 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

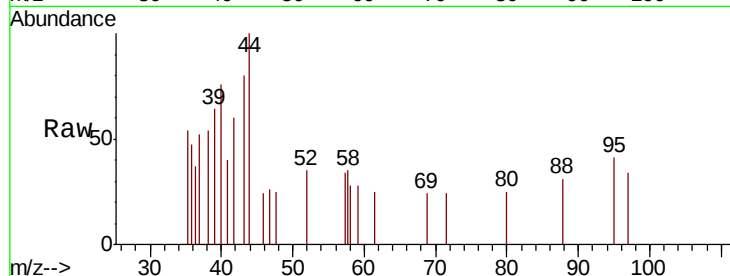
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

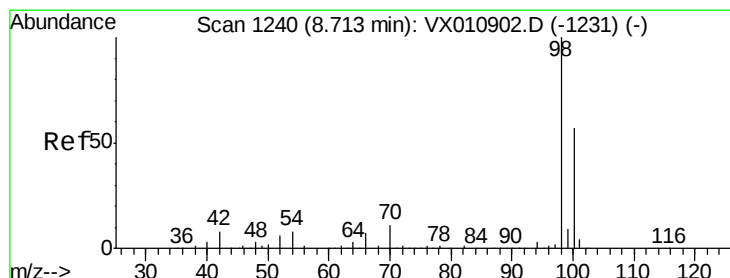
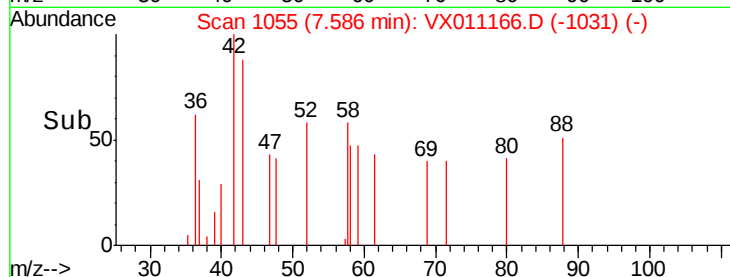
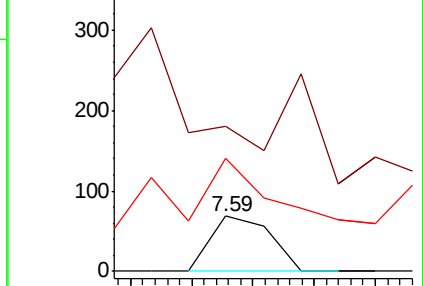
58 489.1 49.8 74.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.654 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011166.D

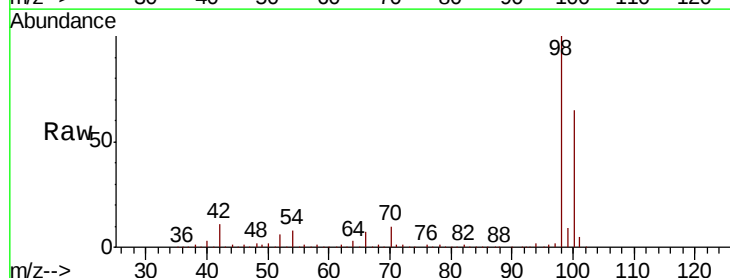
Acq: 30 Jul 2019 00:22

Tgt Ion: 98 Resp: 361949

Ion Ratio Lower Upper

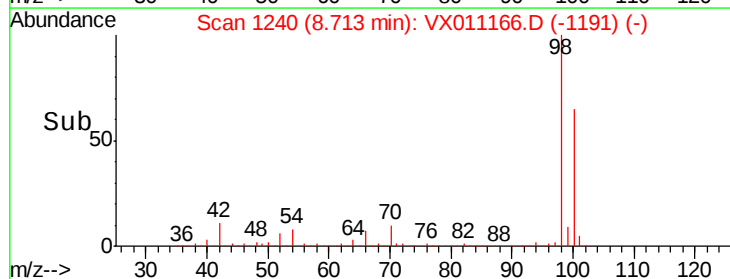
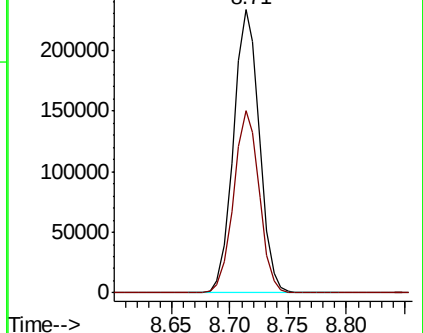
98 100

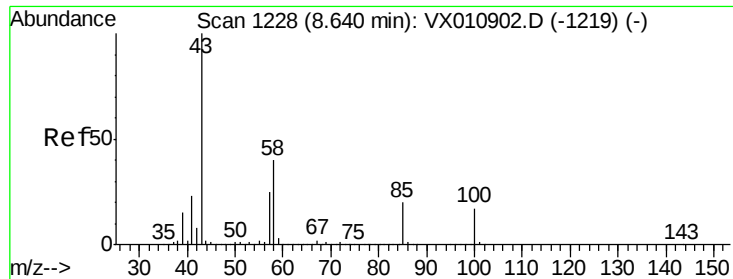
100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.263 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

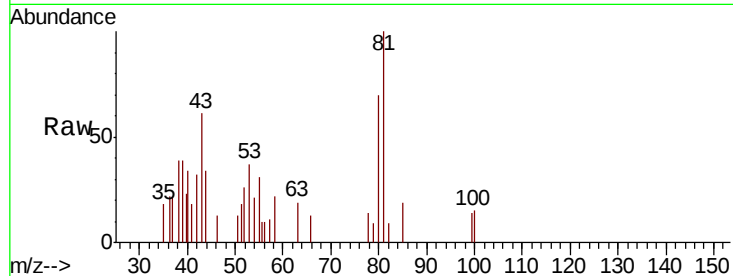
Z3-0684

Tot Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 41.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

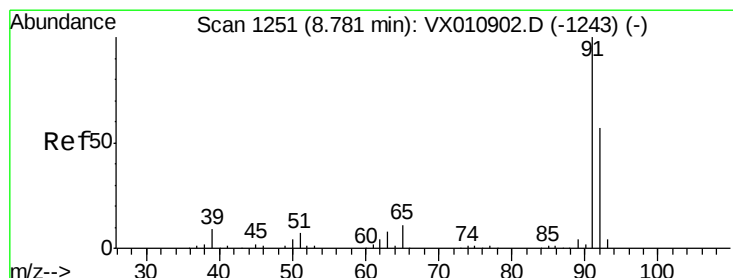
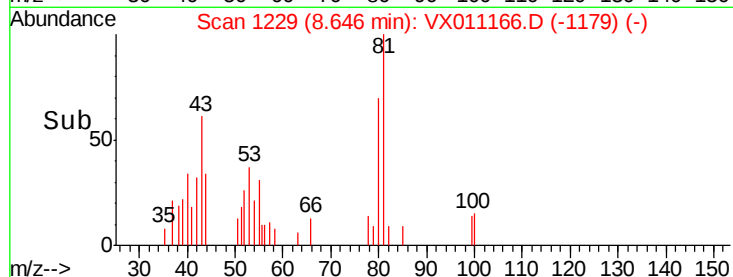
1500

1000

500

0

Time-->



#52

Toluene

Concen: 0.228 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011166.D

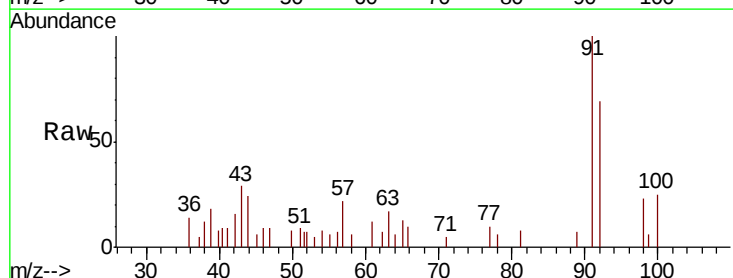
Acq: 30 Jul 2019 00:22

Tgt Ion: 92 Resp: 1131

Ion Ratio Lower Upper

92 100

91 177.5 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200

1000

800

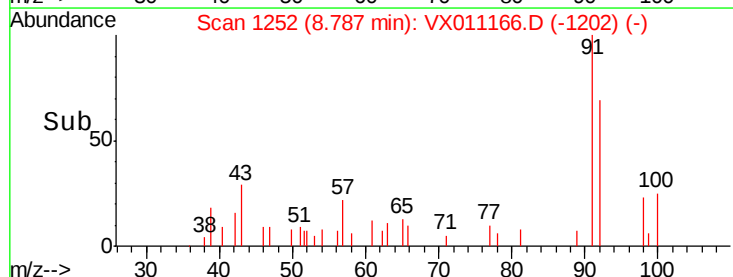
600

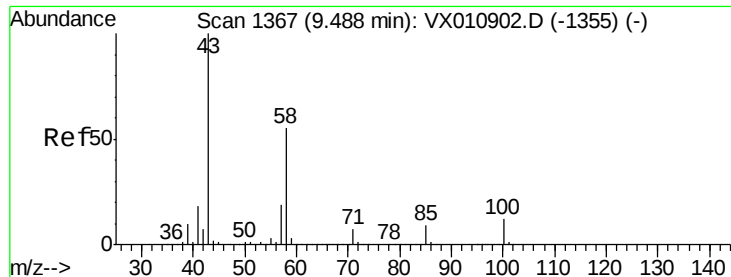
400

200

0

Time-->

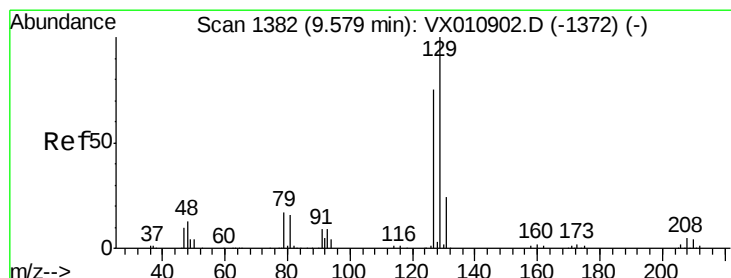
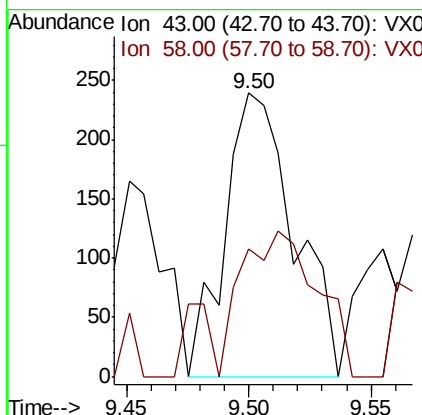
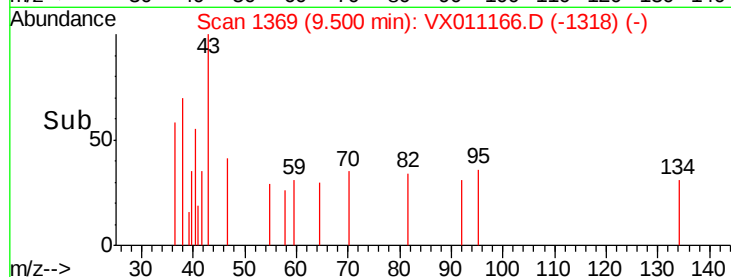
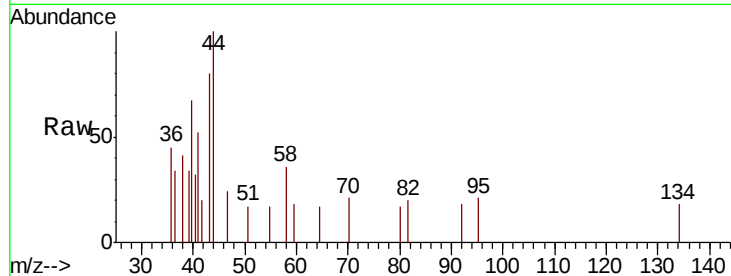




#59
2-Hexanone
Concen: 0.225 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

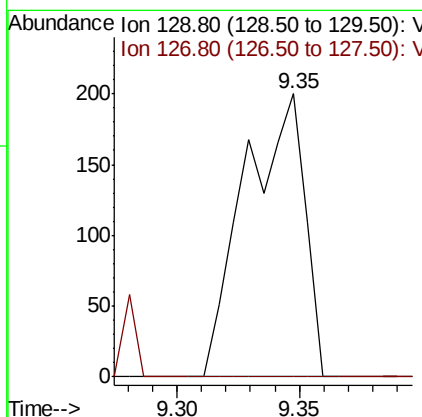
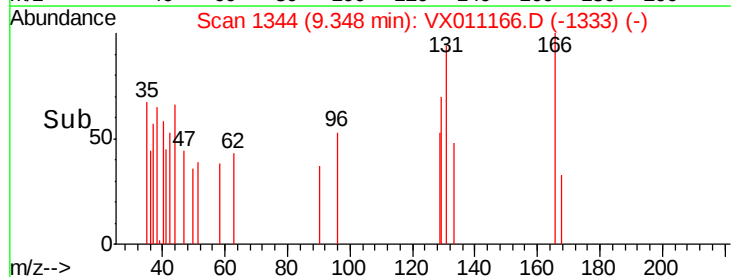
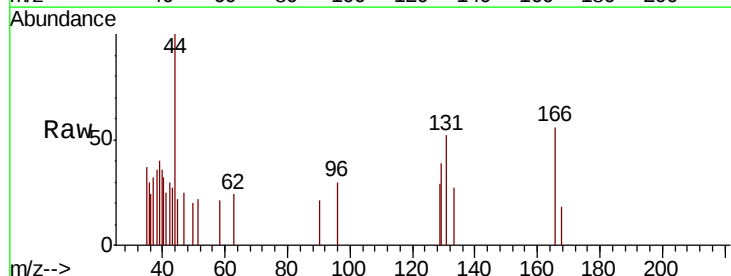
Instrument :
MSVOA_X
ClientSampled :
Z3-0684

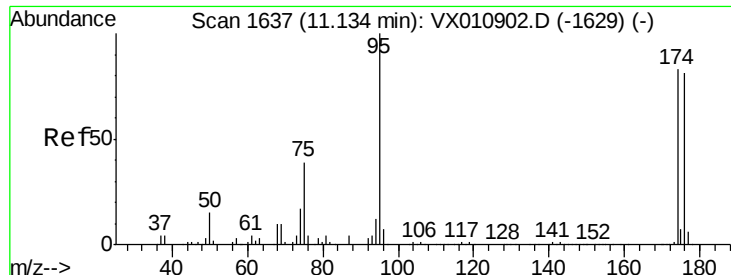
Tot Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 56.6 28.0 83.9



#60
Dibromochloromethane
Concen: 2.666 ug/l
RT: 9.35 min Scan# 1344
Delta R.T. -0.23 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion:129 Resp: 341
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 48.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

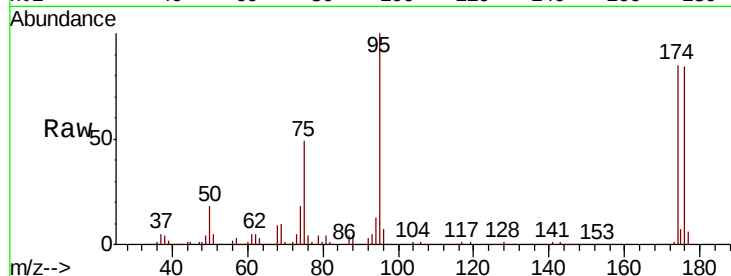
Tot Ion: 95 Resp: 126974

Ion Ratio Lower Upper

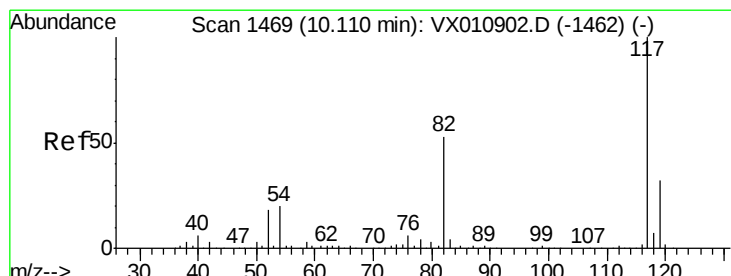
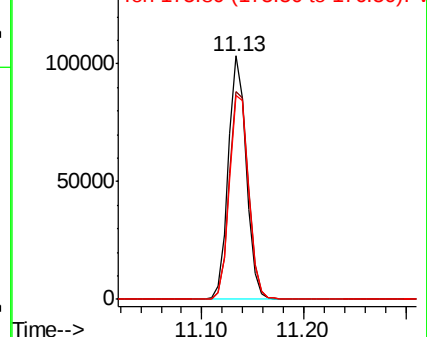
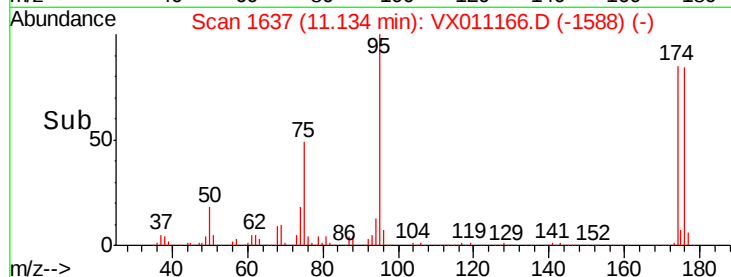
95 100

174 91.0 0.0 180.6

176 88.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011166.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

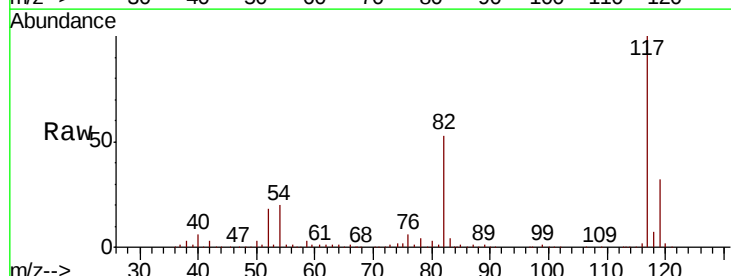
Tgt Ion: 117 Resp: 276519

Ion Ratio Lower Upper

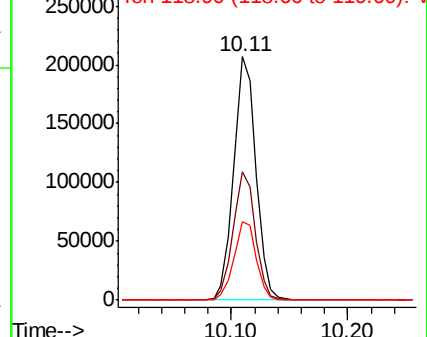
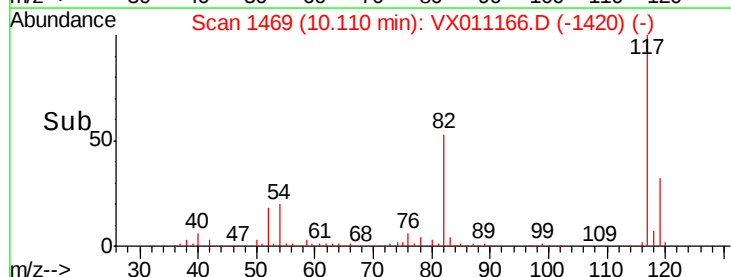
117 100

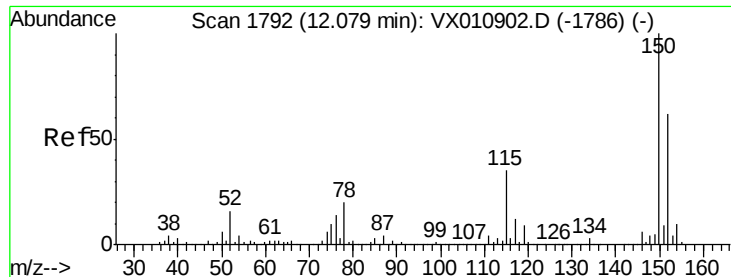
82 53.0 42.6 63.8

119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011166.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

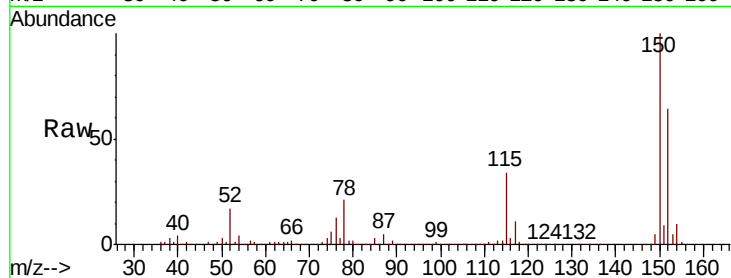
Tot Ion:152 Resp: 128198

Ion Ratio Lower Upper

152 100

115 56.4 39.7 119.1

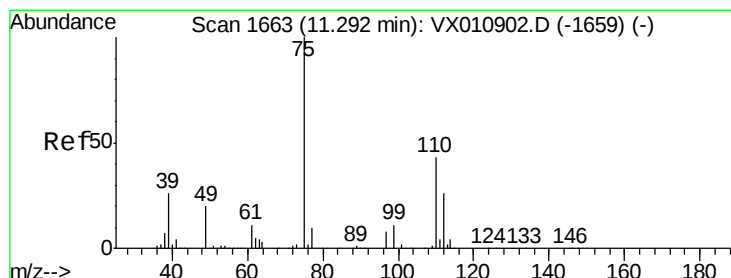
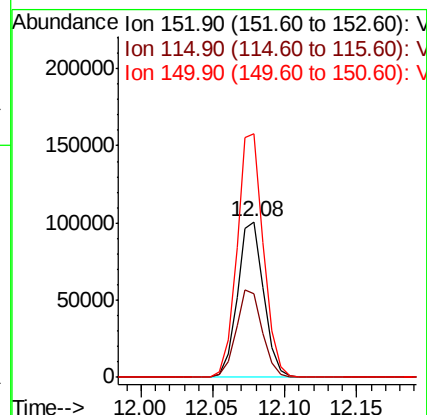
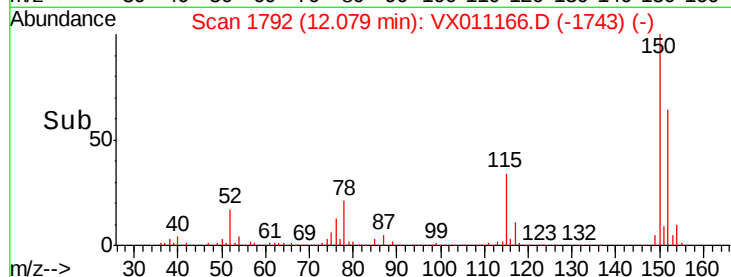
150 158.1 0.0 345.6



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: 27.386 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011166.D

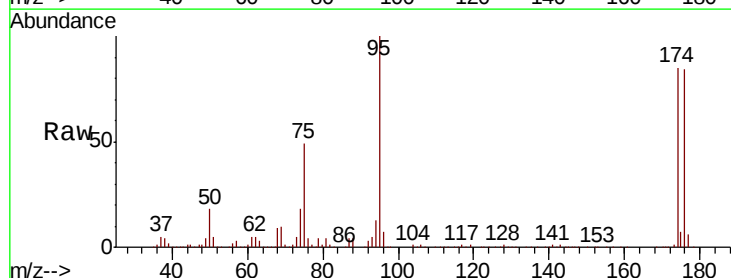
Acq: 30 Jul 2019 00:22

Tgt Ion: 75 Resp: 63355

Ion Ratio Lower Upper

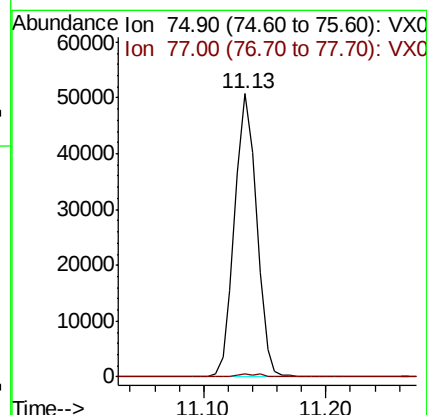
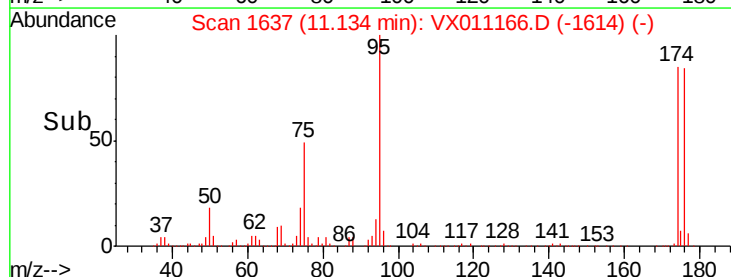
75 100

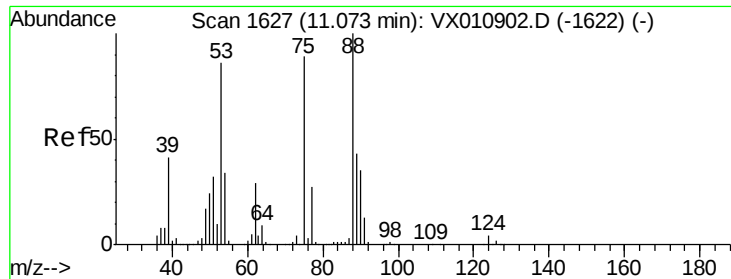
77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011166.D

Acq: 30 Jul 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0684

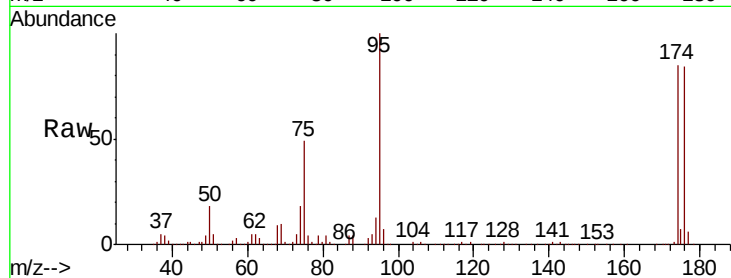
Tot Ion: 75 Resp: 63355

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

89 0.0 38.5 57.7#



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

