

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011408.D
 Acq On : 09 Aug 2019 14:32
 Operator : JC/SP
 Sample : K4279-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

Quant Time: Aug 11 00:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106106	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.49	113	89282	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.71	98	344051	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	117099	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

					Qvalue
6) Chloroethane	1.71	64	220	Below Cal	# 43
10) Methyl Iodide	2.51	142	613	0.255	ug/l # 77
11) Tert butyl alcohol	3.05	59	81	0.217	ug/l # 72
13) Acrolein	2.27	56	176	0.258	ug/l # 1
14) Allyl chloride	2.79	41	758	0.301	ug/l # 24
15) Acrylonitrile	3.17	53	1789	1.800	ug/l # 54
16) Acetone	2.39	43	9821	9.877	ug/l # 51
18) Methyl Acetate	2.84	43	19444	8.556	ug/l # 49
29) Tetrahydrofuran	5.13	42	1315	1.516	ug/l # 77
31) Cyclohexane	5.57	56	37238	13.841	ug/l # 96
36) 1,1-Dichloropropene	5.66	75	13907	5.333	ug/l # 49
38) Carbon Tetrachloride	5.65	117	19262	7.342	ug/l # 15
39) Methylcyclohexane	7.46	83	14404	4.660	ug/l # 92
40) Benzene	6.14	78	261925	33.658	ug/l # 100
42) 1,2-Dichloroethane	6.13	62	2453	0.932	ug/l # 72
48) Methyl methacrylate	7.73	41	941	0.478	ug/l # 58
49) 1,4-Dioxane	7.75	88	21	0.368	ug/l # 29
51) 4-Methyl-2-Pentanone	8.68	43	552	0.205	ug/l # 35
53) t-1,3-Dichloropropene	9.06	75	21	2.845	ug/l # 1
55) 1,1,2-Trichloroethane	9.16	97	1747	0.826	ug/l # 22
67) Ethyl Benzene	10.25	91	49979	5.286	ug/l # 97
68) m/p-Xylenes	10.35	106	1088	0.297	ug/l # 84
73) Isopropylbenzene	11.02	105	30677	3.611	ug/l # 99
76) 1,2,3-Trichloropropane	11.13	75	58892	26.032	ug/l # 36
78) n-propylbenzene	11.36	91	35118	3.717	ug/l # 100
79) 2-Chlorotoluene	11.36	91	35118	6.236	ug/l # 38
81) trans-1,4-Dichloro-2-buten	11.13	75	58892	67.747	ug/l # 10
82) 4-Chlorotoluene	11.36	91	35118	5.351	ug/l # 42
84) 1,2,4-Trimethylbenzene	11.80	105	2660	0.376	ug/l # 91
85) sec-Butylbenzene	11.94	105	5568	0.664	ug/l # 85
89) n-Butylbenzene	12.38	91	2391	0.360	ug/l # 68
90) Hexachloroethane	12.66	117	951	0.834	ug/l # 8
92) 1,2-Dibromo-3-Chloropropan	12.97	75	170	0.310	ug/l # 1
95) Naphthalene	13.83	128	32718	4.034	ug/l # 97

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

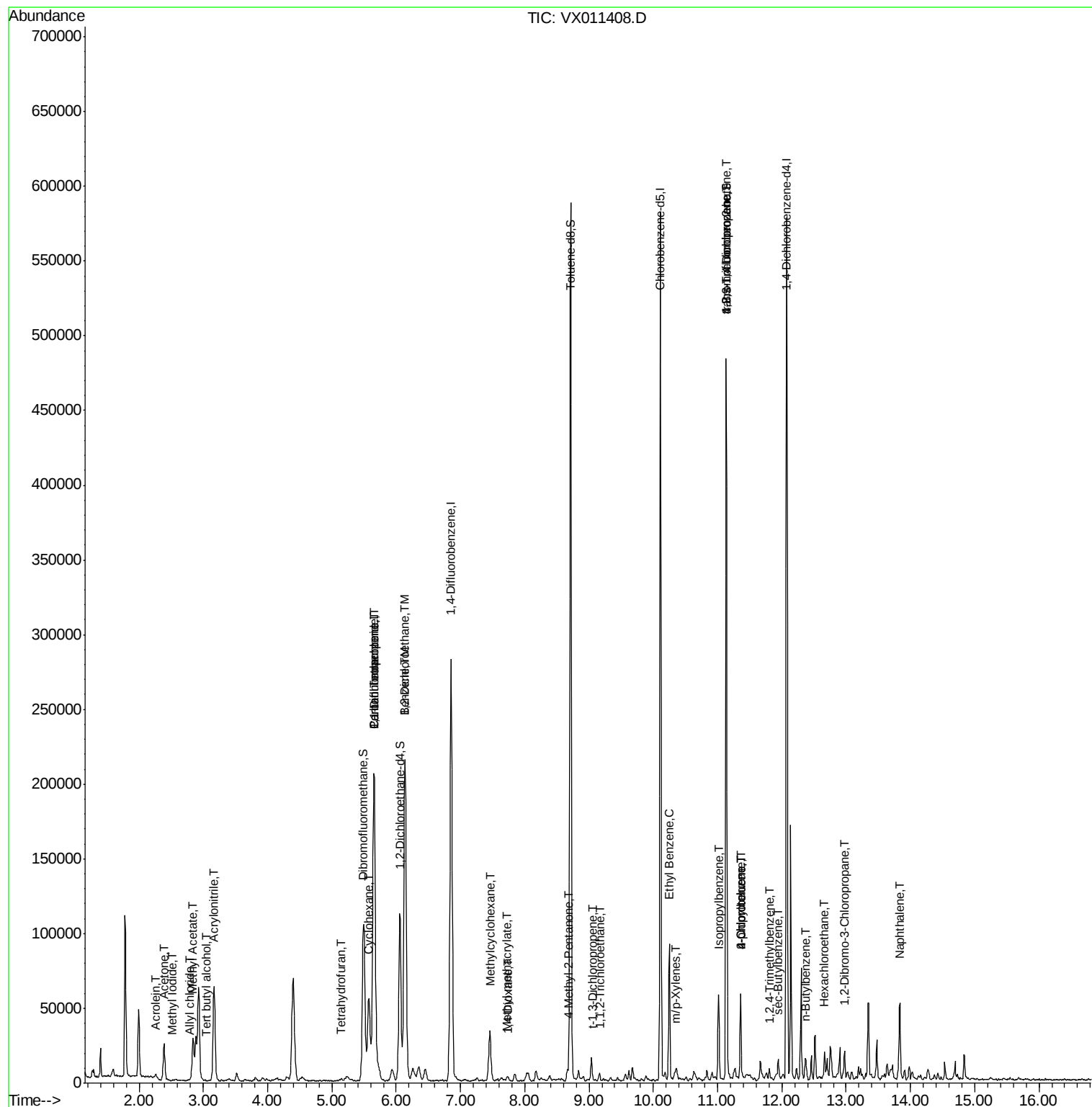
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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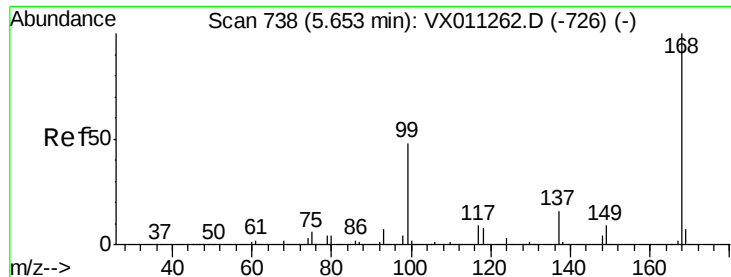
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

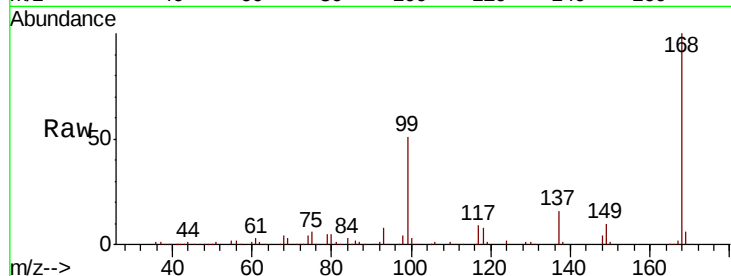
Z3-0669

Tgt Ion: 168 Resp: 207448

Ion Ratio Lower Upper

168 100

99 51.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

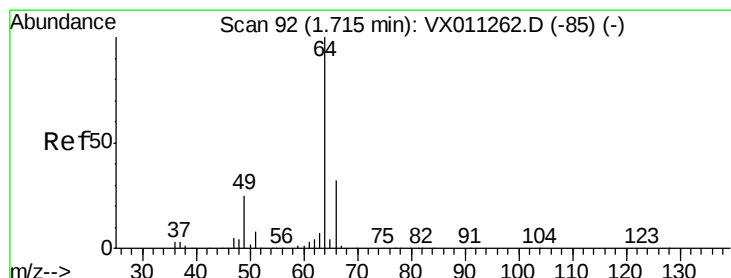
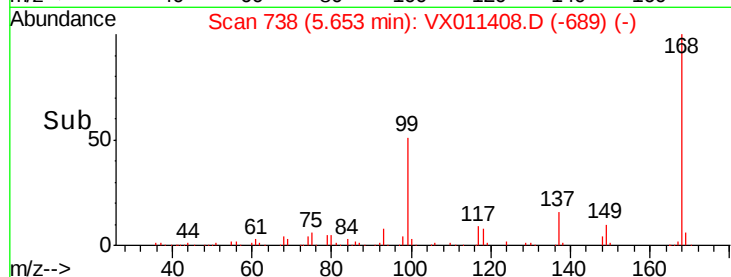
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011408.D

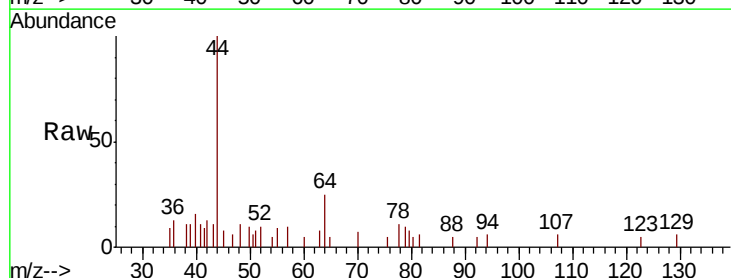
Acq: 09 Aug 2019 14:32

Tgt Ion: 64 Resp: 220

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

300

250

200

150

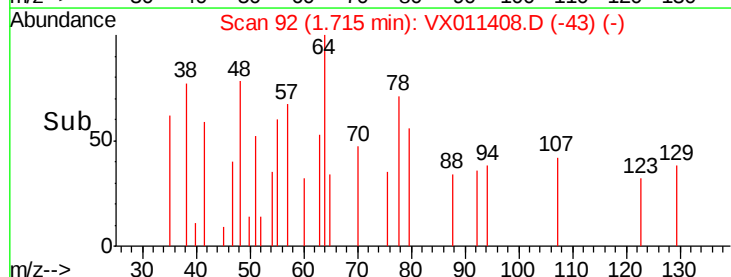
100

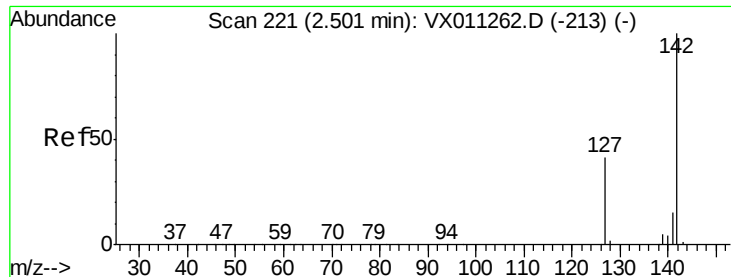
50

0

Time-->

1.70 1.72

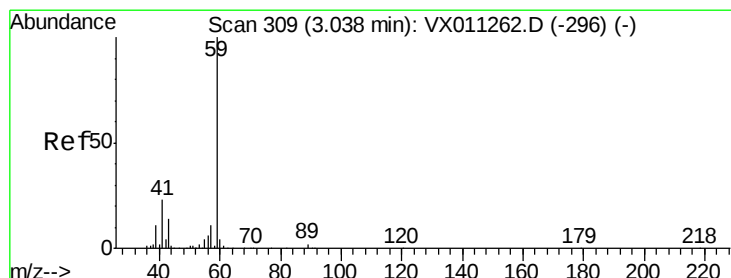
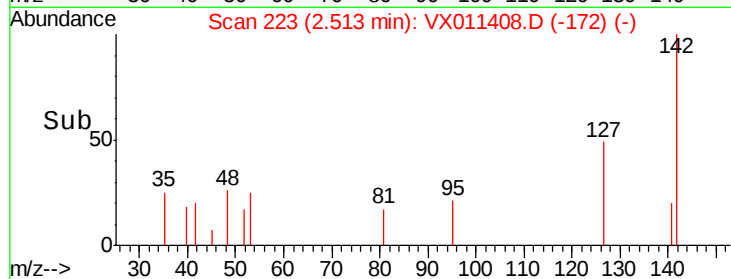
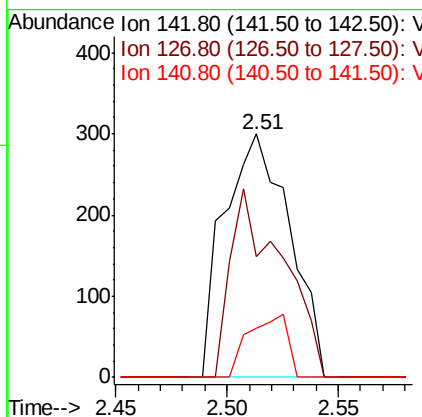
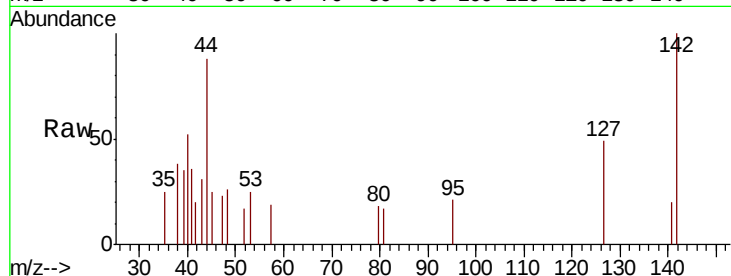




#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

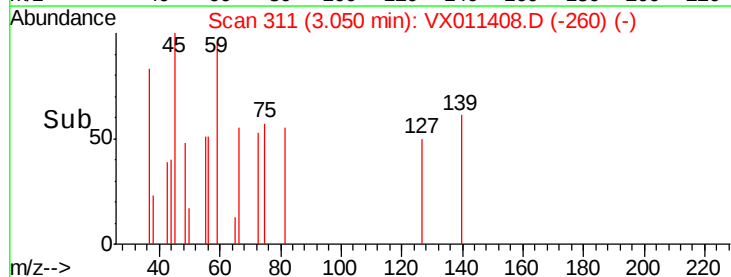
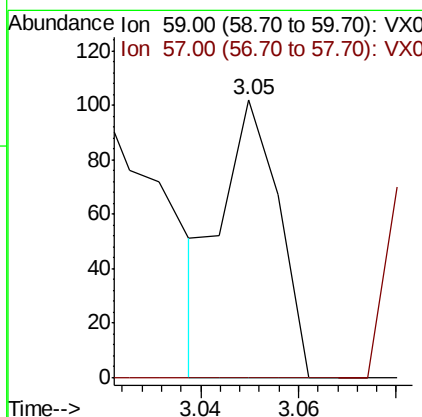
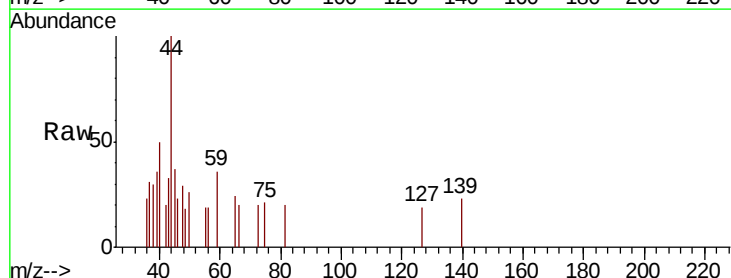
Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

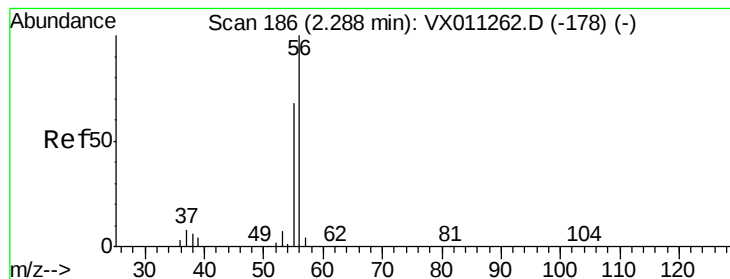
Tgt Ion: 142 Resp: 613
Ion Ratio Lower Upper
142 100
127 61.3 33.8 50.8#
141 15.5 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 59 Resp: 81
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.258 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

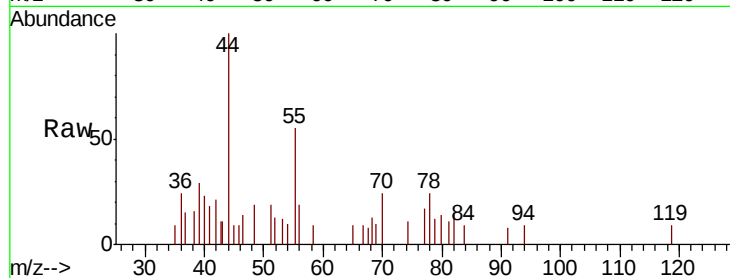
Z3-0669

Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

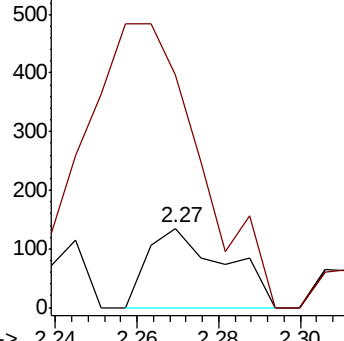
56 100

55 586.4 56.0 84.0#

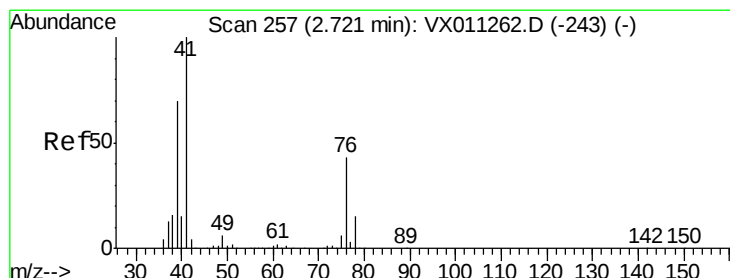
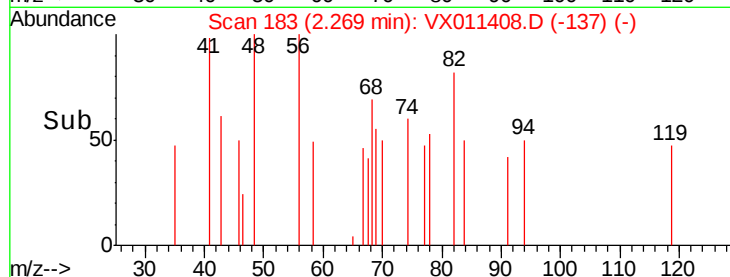


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 0.301 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.07 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

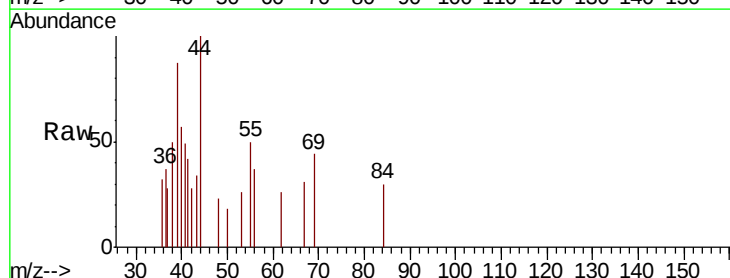
Tgt Ion: 41 Resp: 758

Ion Ratio Lower Upper

41 100

39 0.0 52.8 79.2#

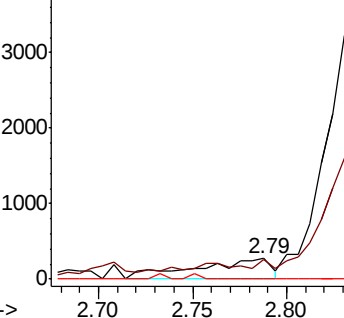
76 0.0 31.1 46.7#



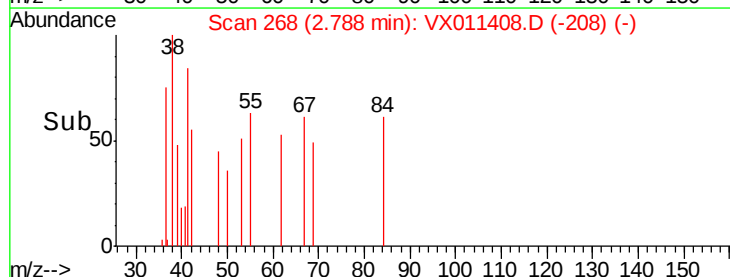
Abundance Ion 41.00 (40.70 to 41.70): VX0

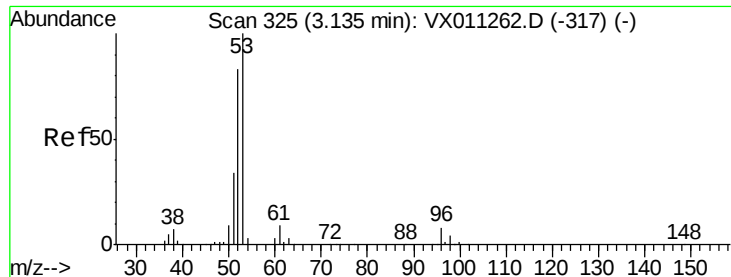
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 1.800 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.03 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

Z3-0669

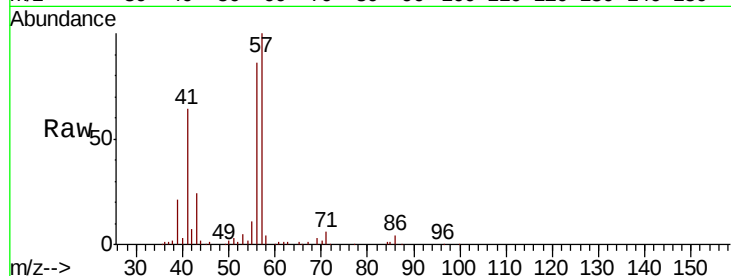
Tgt Ion: 53 Resp: 1789

Ion Ratio Lower Upper

53 100

52 45.3 65.5 98.3#

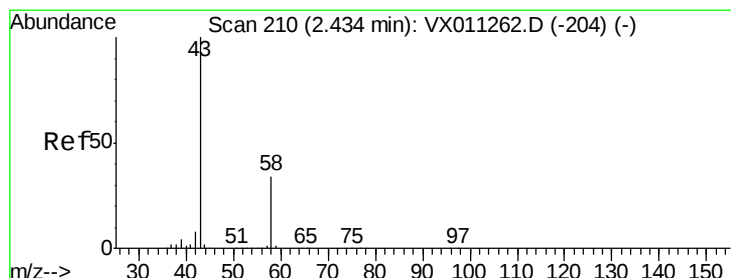
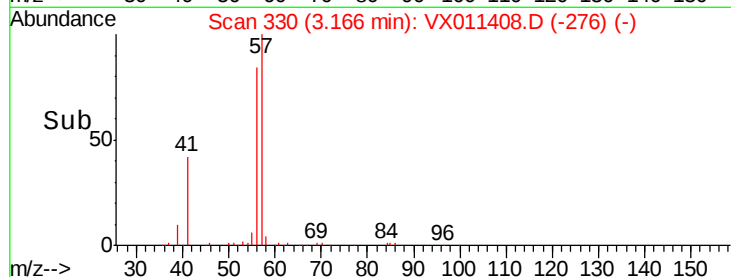
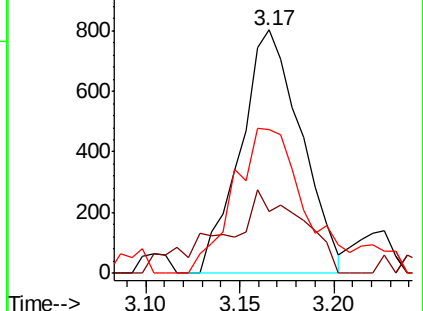
51 68.8 27.9 41.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 9.877 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.04 min

Lab File: VX011408.D

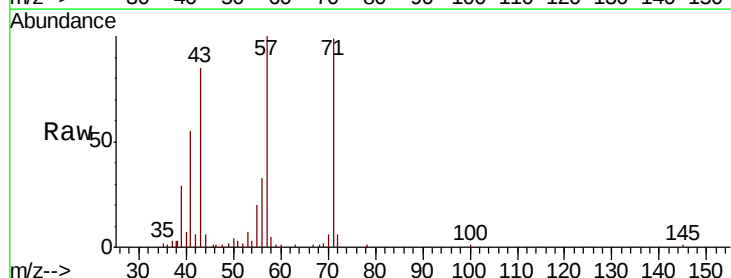
Acq: 09 Aug 2019 14:32

Tgt Ion: 43 Resp: 9821

Ion Ratio Lower Upper

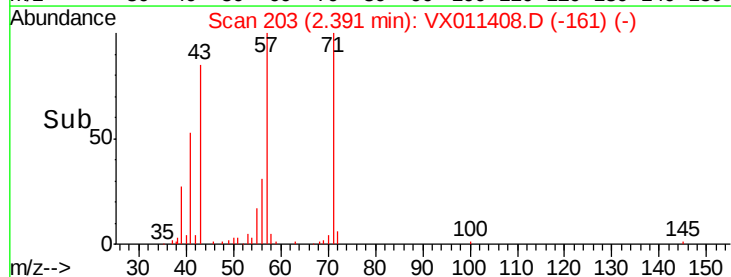
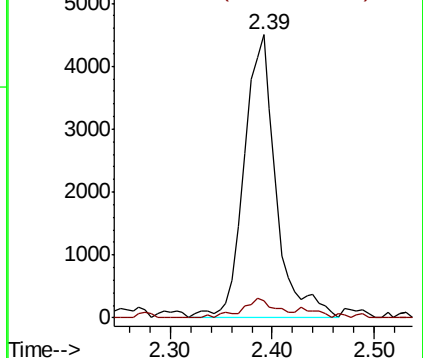
43 100

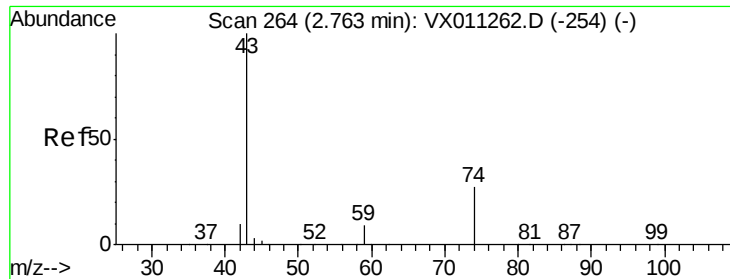
58 6.1 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

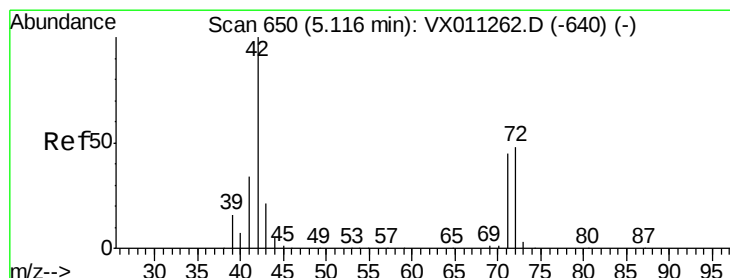
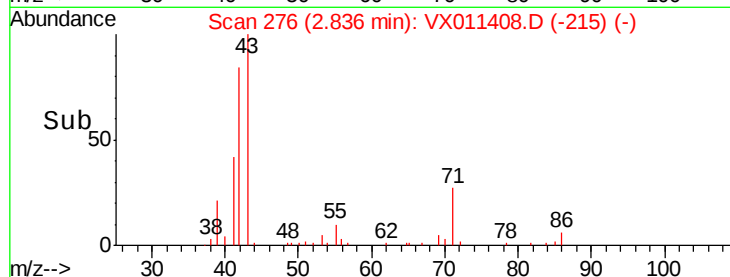
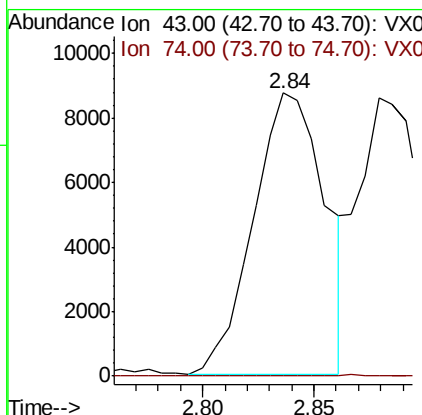
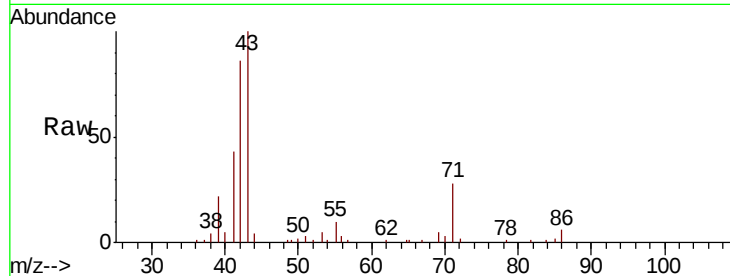




#18
Methyl Acetate
Concen: 8.556 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.07 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

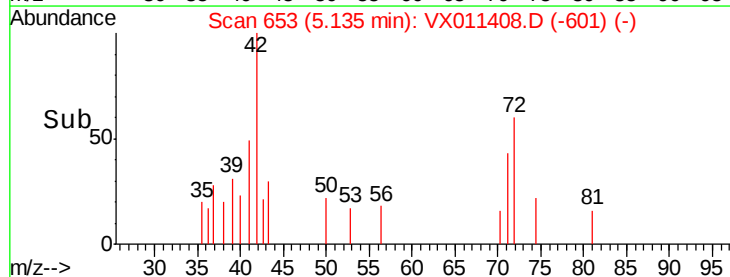
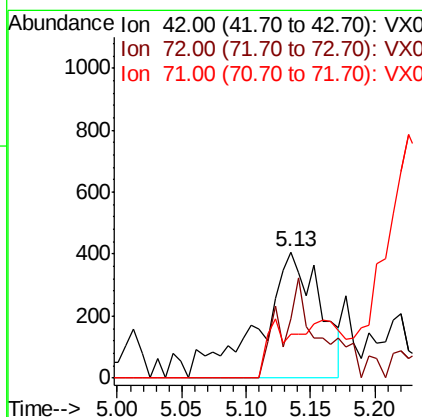
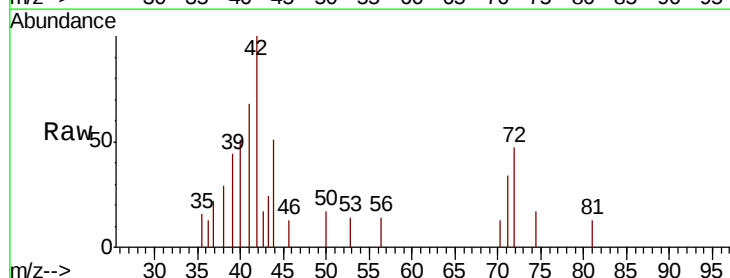
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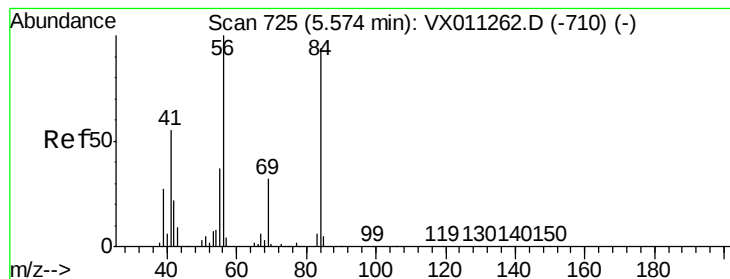
Tgt Ion: 43 Resp: 19444
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 1.516 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.02 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 42 Resp: 1315
Ion Ratio Lower Upper
42 100
72 51.3 39.9 59.9
71 16.3 36.9 55.3#





#31

Cyclohexane

Concen: 13.841 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

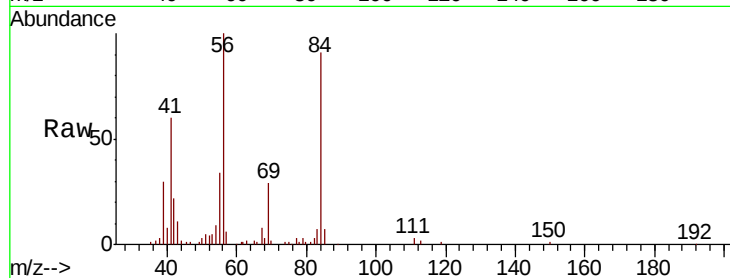
Tgt Ion: 56 Resp: 37238

Ion Ratio Lower Upper

56 100

69 27.6 25.5 38.3

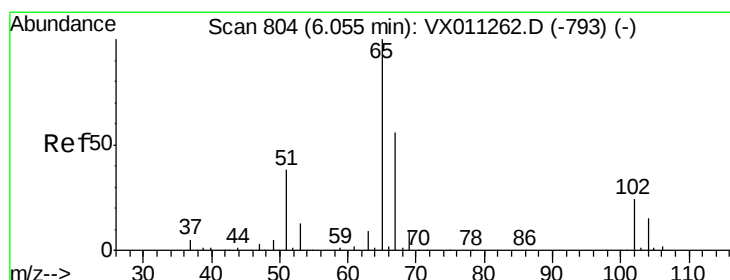
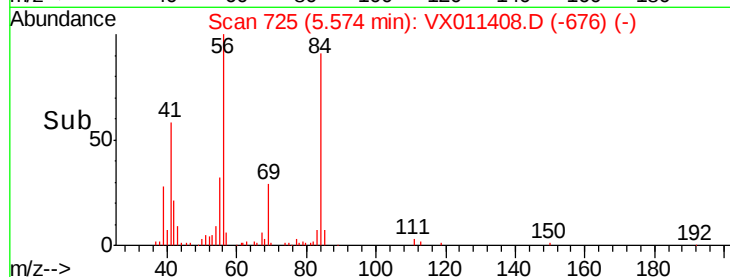
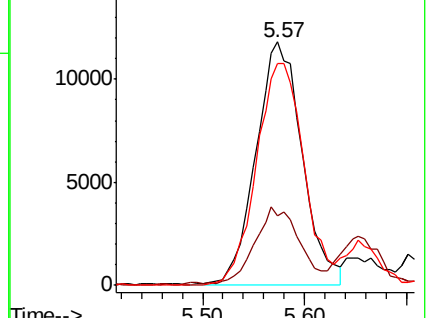
84 91.2 75.0 112.4



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: 50.790 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011408.D

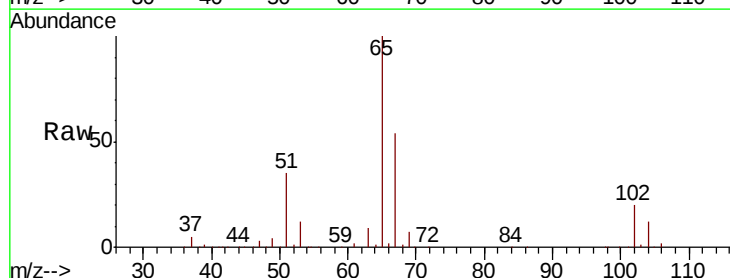
Acq: 09 Aug 2019 14:32

Tgt Ion: 65 Resp: 106106

Ion Ratio Lower Upper

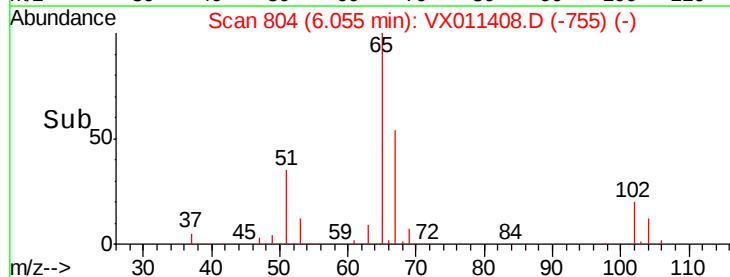
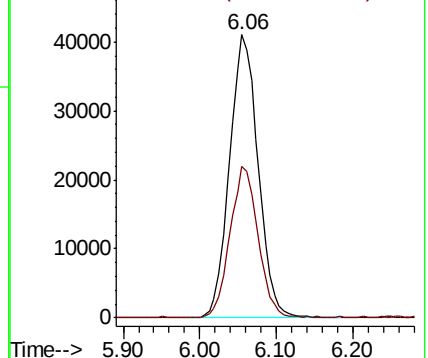
65 100

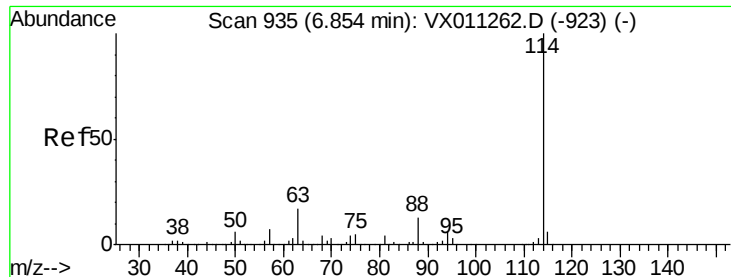
67 52.8 0.0 110.6



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: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

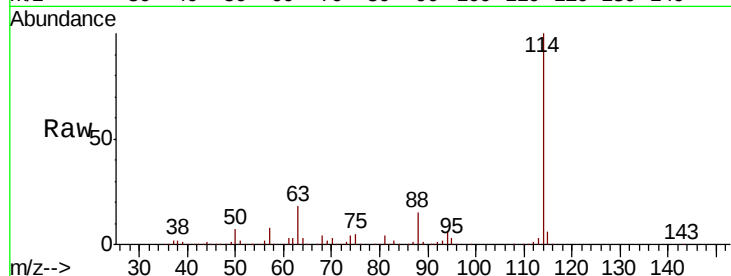
Tgt Ion:114 Resp: 298687

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

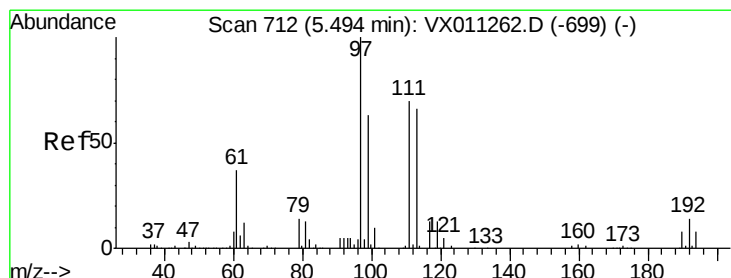
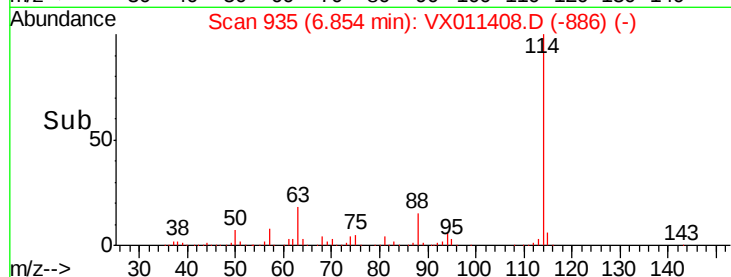
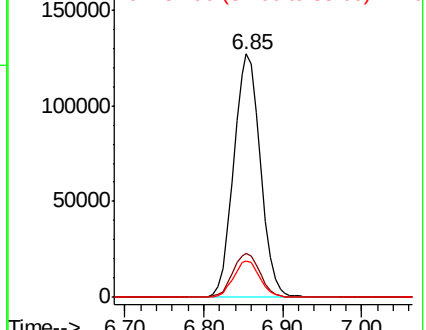
88 15.1 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.784 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

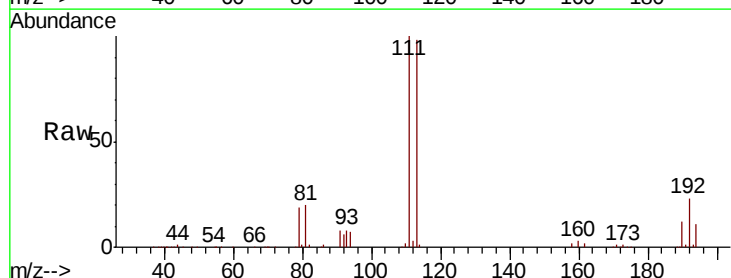
Tgt Ion:113 Resp: 89282

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

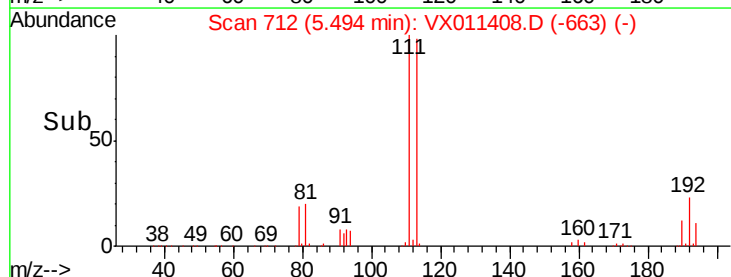
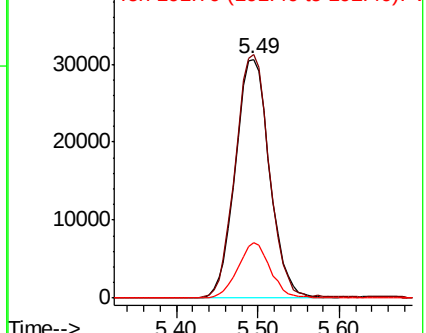
192 22.0 17.8 26.8

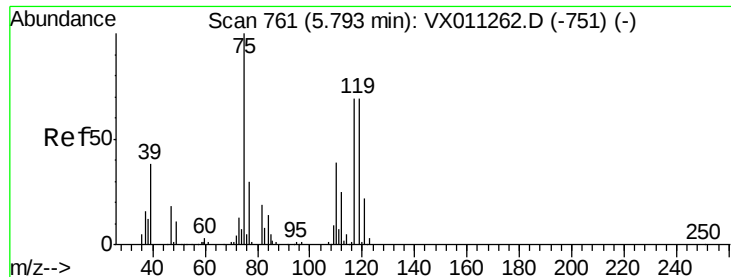


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.333 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

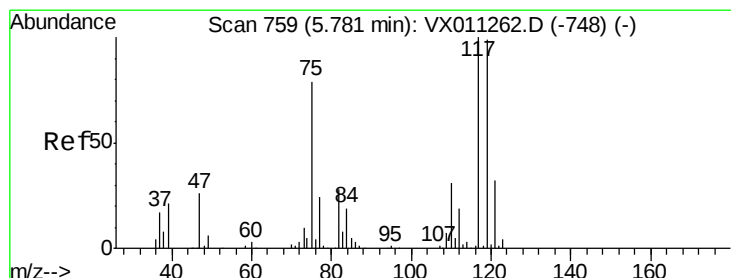
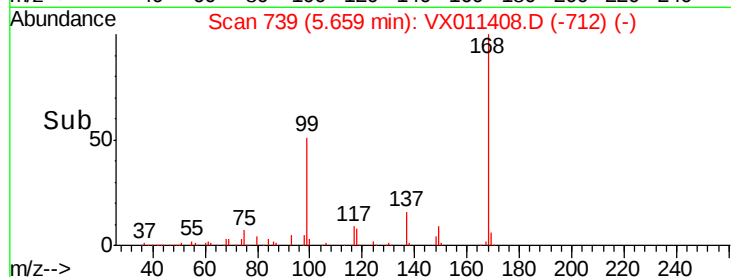
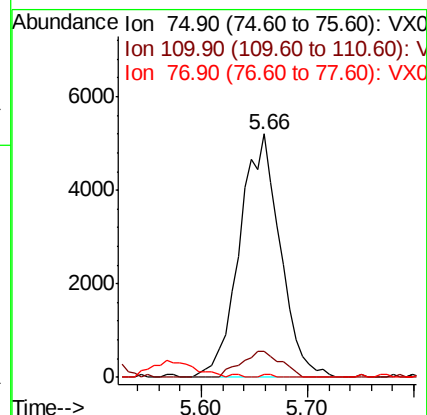
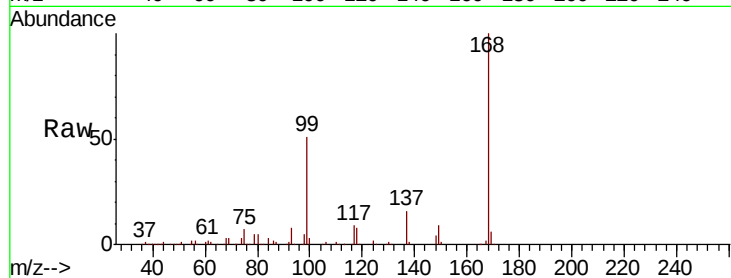
Tgt Ion: 75 Resp: 13907

Ion Ratio Lower Upper

75 100

110 10.5 20.0 59.9#

77 0.3 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.342 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

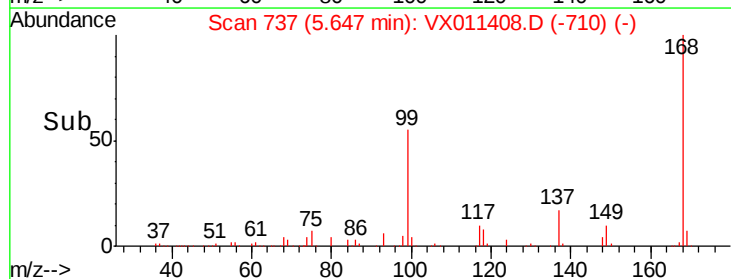
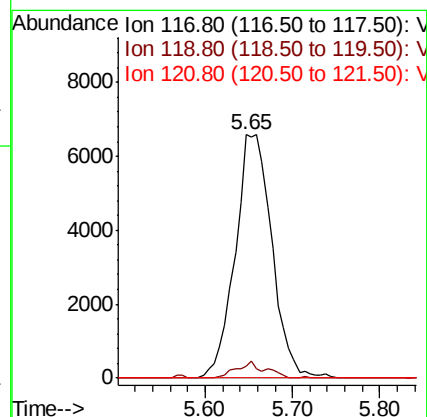
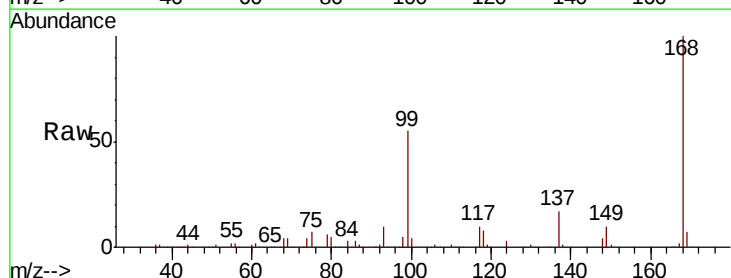
Tgt Ion: 117 Resp: 19262

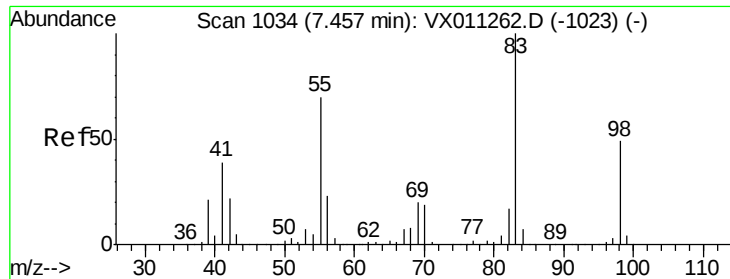
Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.4#

121 0.0 25.9 38.9#

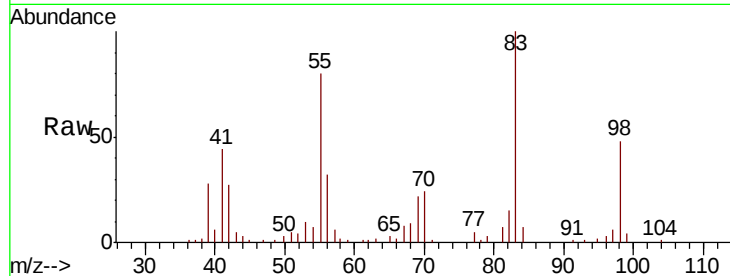




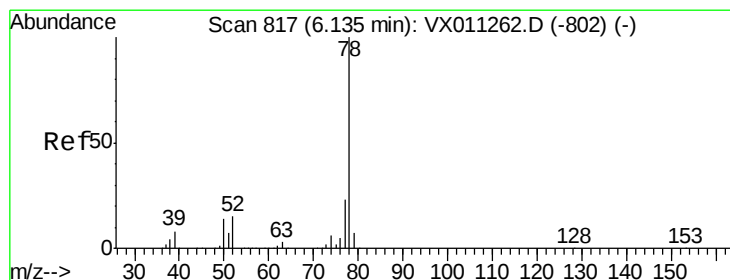
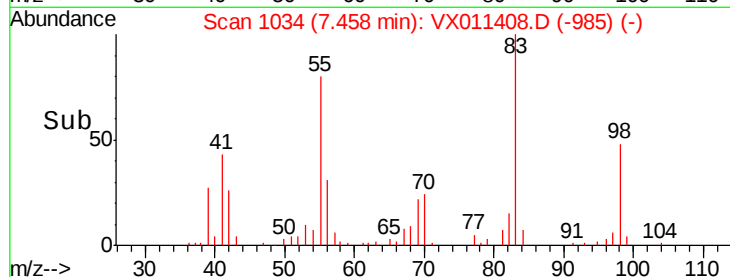
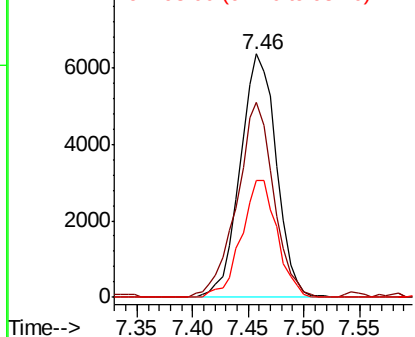
#39
Methylcyclohexane
Concen: 4.660 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tgt Ion: 83 Resp: 14404
Ion Ratio Lower Upper
83 100
55 80.2 56.1 84.1
98 47.8 39.0 58.4

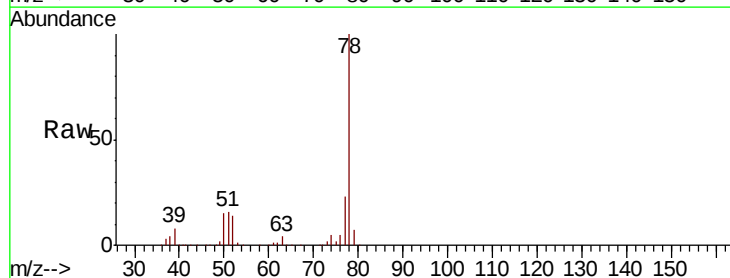


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

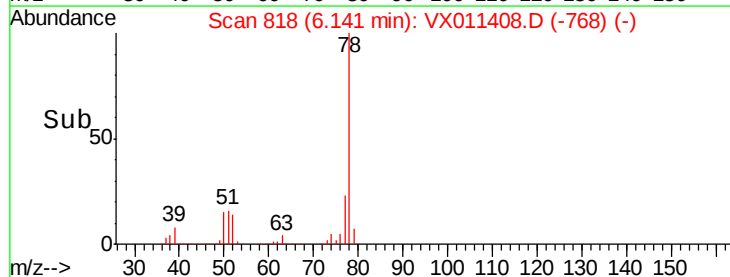
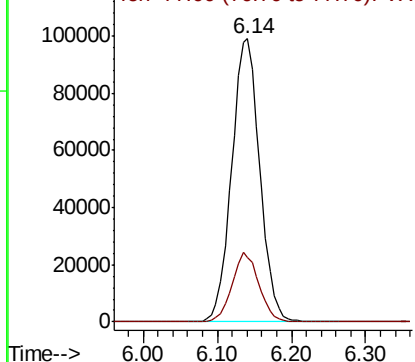


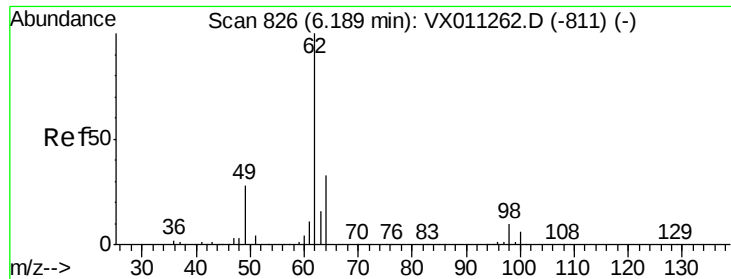
#40
Benzene
Concen: 33.658 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 78 Resp: 261925
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.932 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

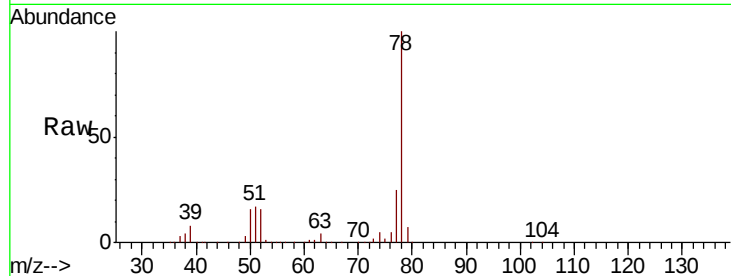
Z3-0669

Tgt Ion: 62 Resp: 2453

Ion Ratio Lower Upper

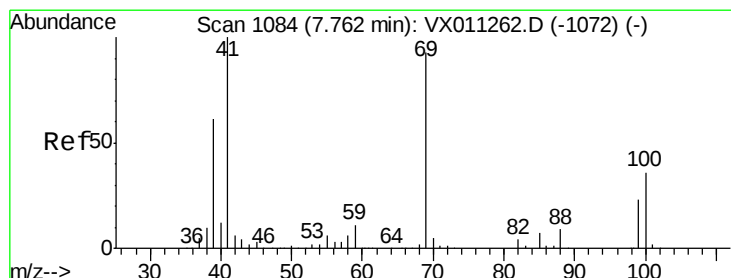
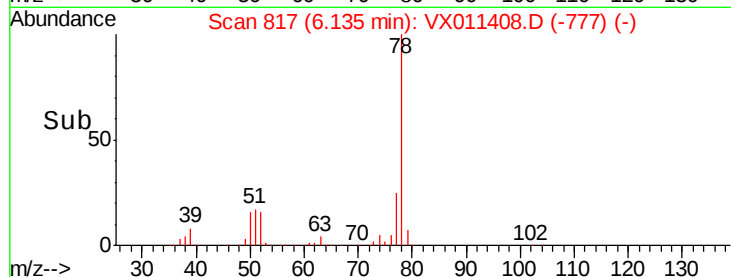
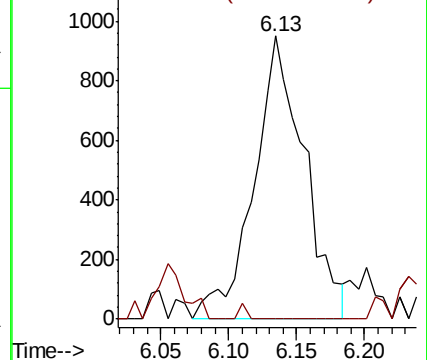
62 100

98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#48

Methyl methacrylate

Concen: 0.478 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

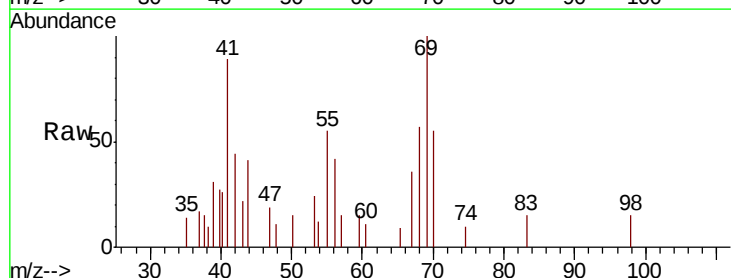
Tgt Ion: 41 Resp: 941

Ion Ratio Lower Upper

41 100

69 110.5 74.5 111.7

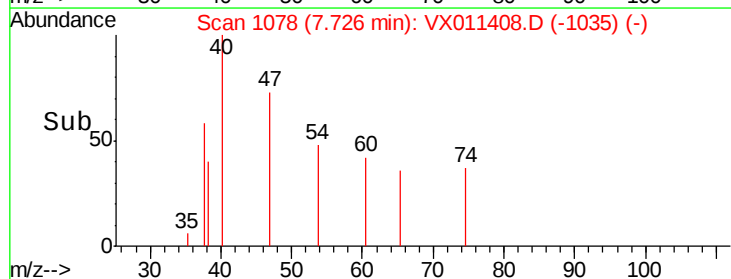
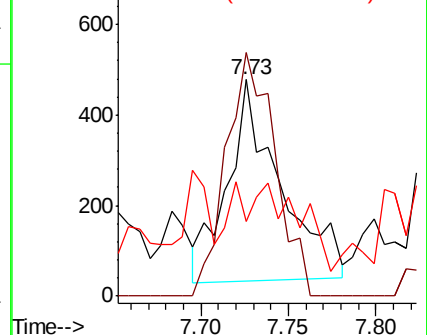
39 0.0 48.6 72.8#

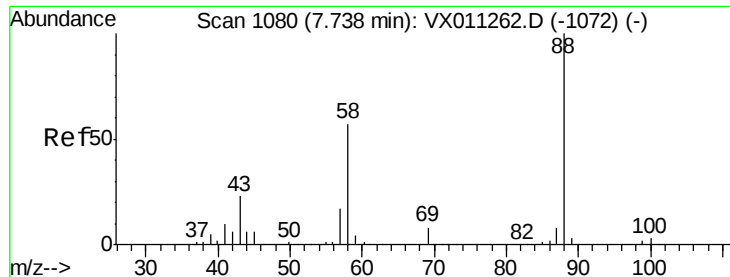


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

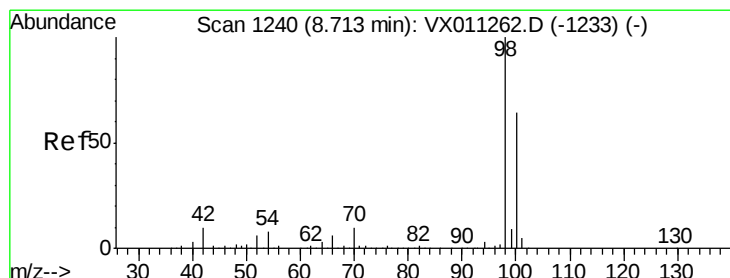
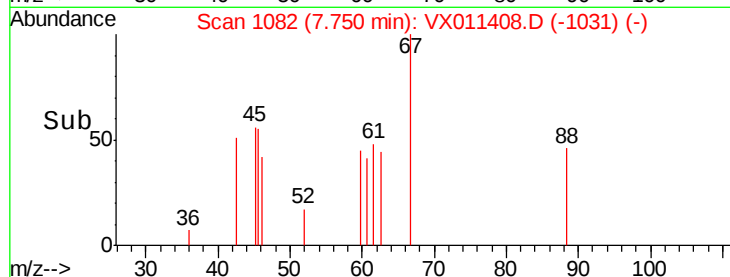
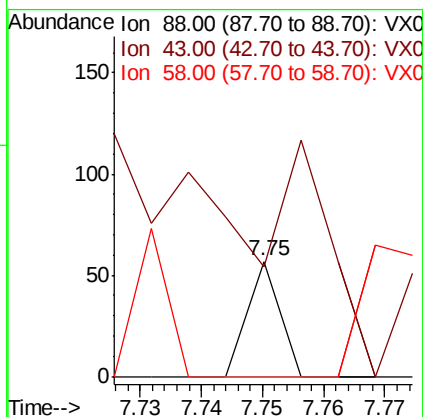
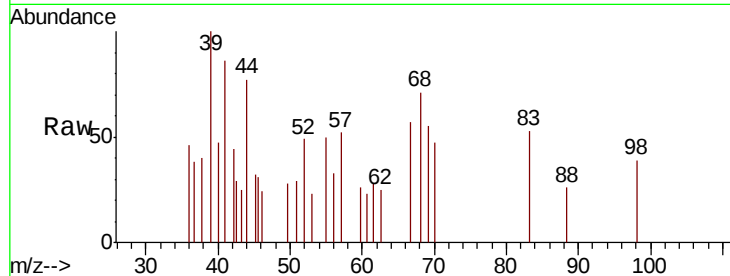




#49
 1,4-Dioxane
 Concen: 0.368 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

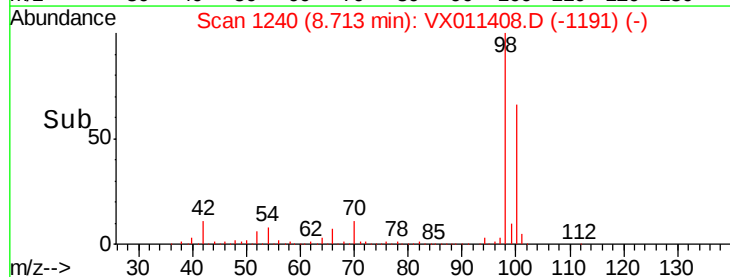
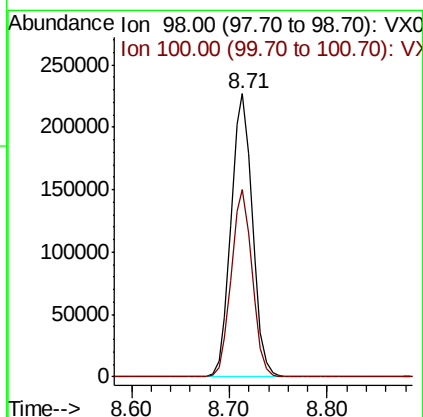
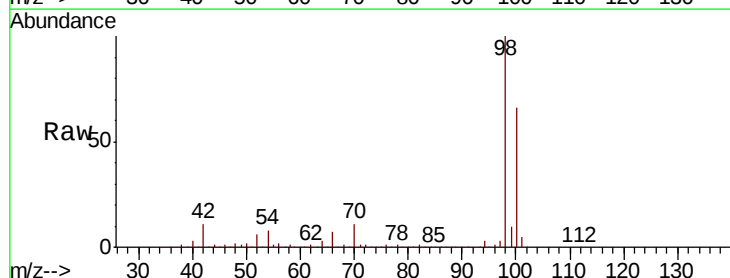
Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0669

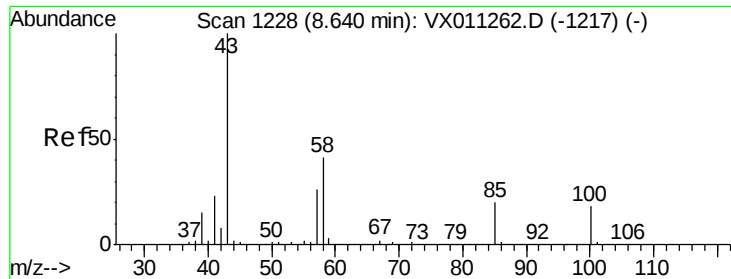
Tgt Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.2 33.2#
 58 0.0 47.8 71.8#



#50
 Toluene-d8
 Concen: 46.740 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Tgt Ion: 98 Resp: 344051
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

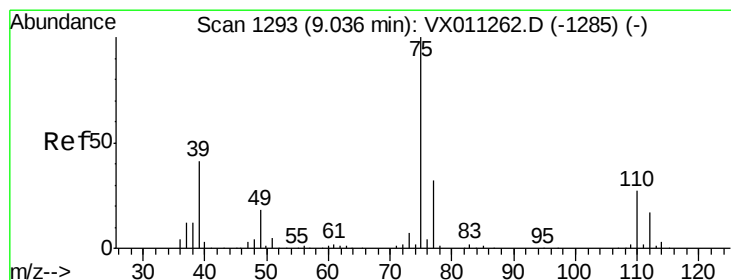
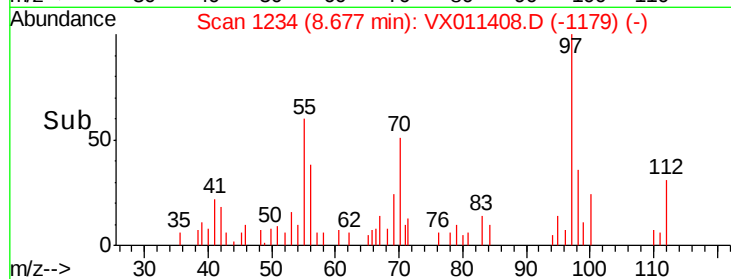
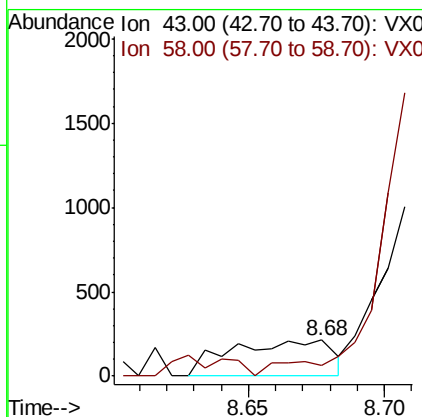
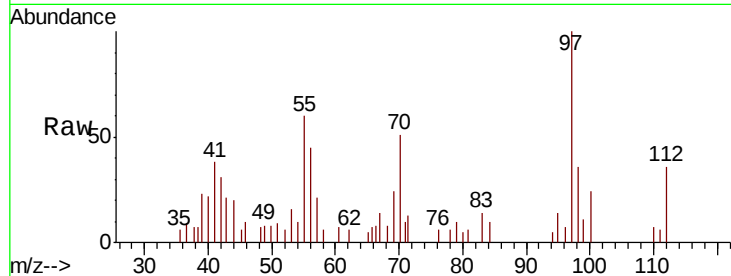




#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.04 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

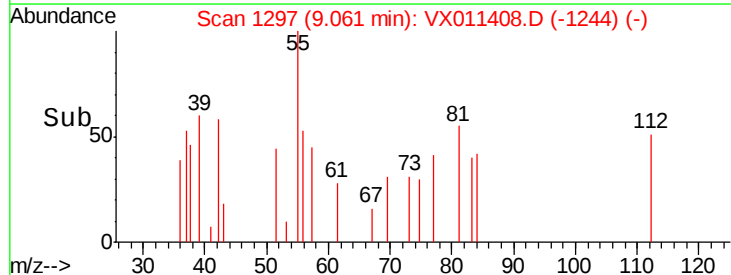
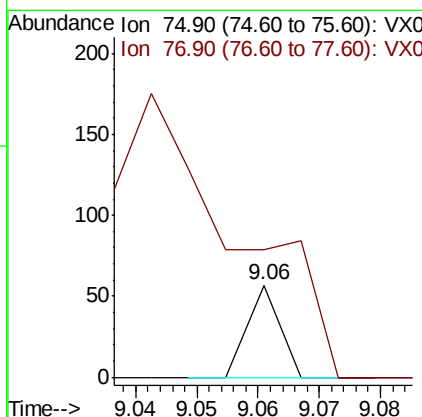
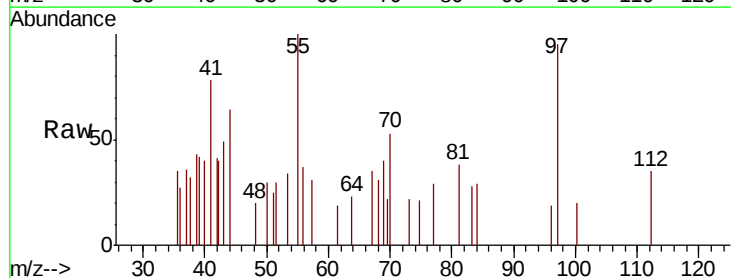
Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

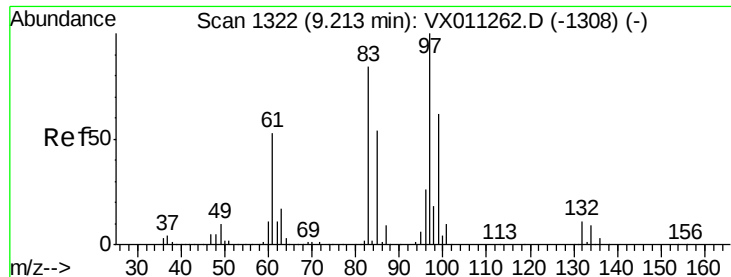
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#



#53
t-1,3-Dichloropropene
Concen: 2.845 ug/l
RT: 9.06 min Scan# 1297
Delta R.T. 0.02 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 138.6 25.4 38.0#

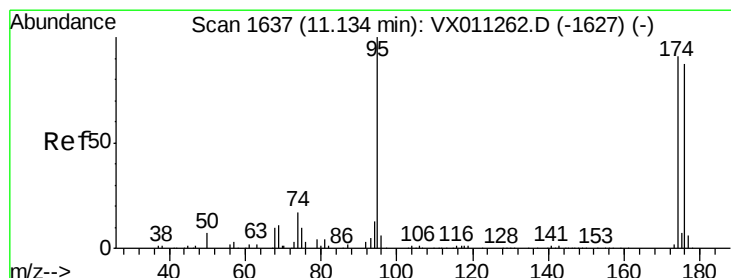
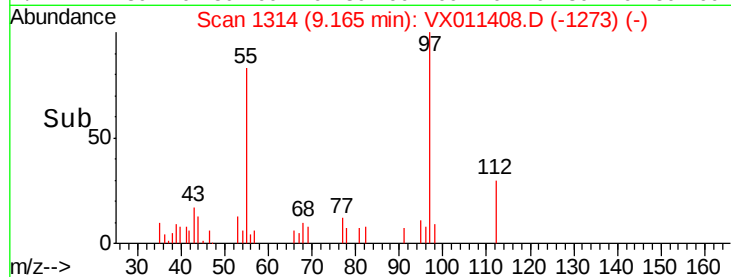
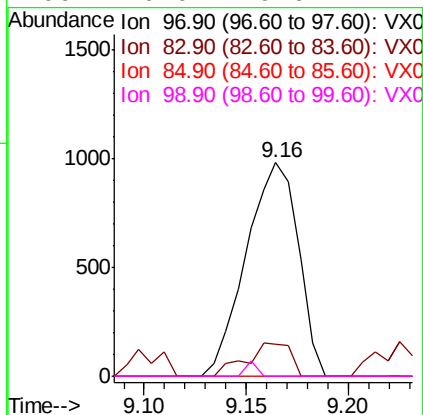
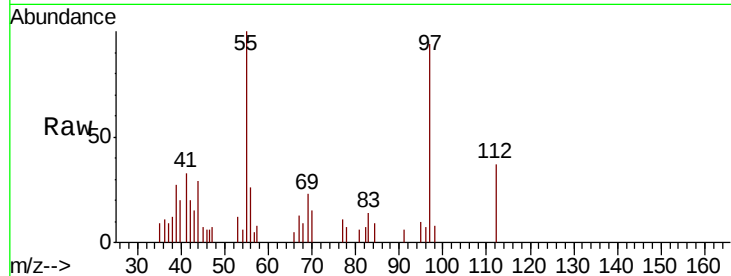




#55
 1,1,2-Trichloroethane
 Concen: 0.826 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

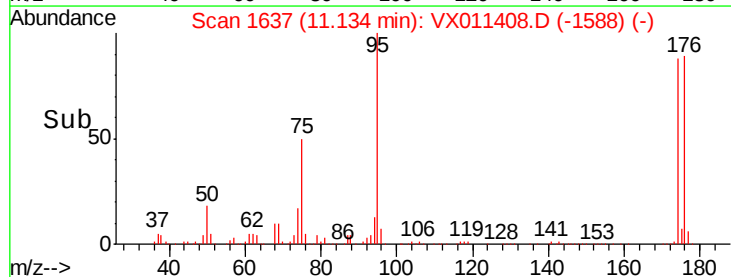
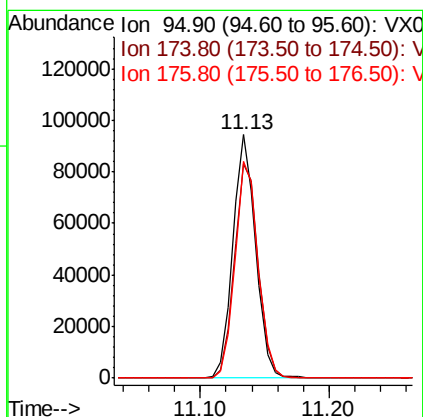
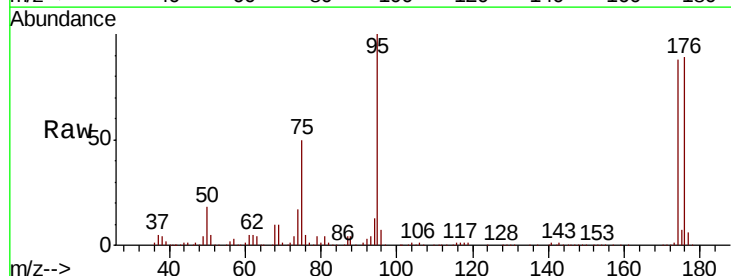
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

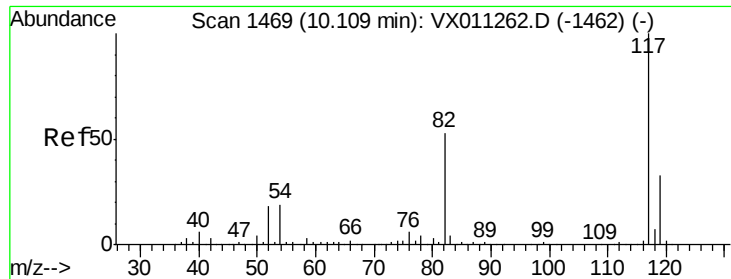
Tgt Ion: 97 Resp: 1747
 Ion Ratio Lower Upper
 97 100
 83 14.9 67.6 101.4#
 85 0.0 43.4 65.0#
 99 0.0 49.6 74.4#



#62
 4-Bromofluorobenzene
 Concen: 44.557 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Tgt Ion: 95 Resp: 117099
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 191.2
 176 89.9 0.0 184.8

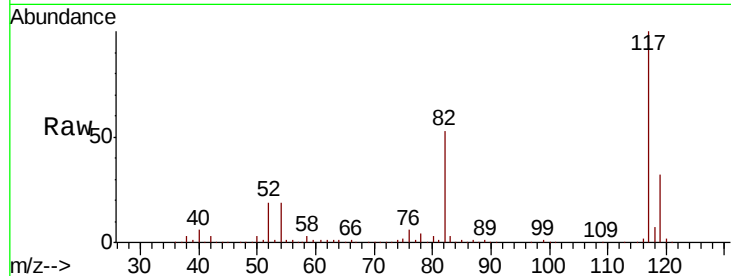




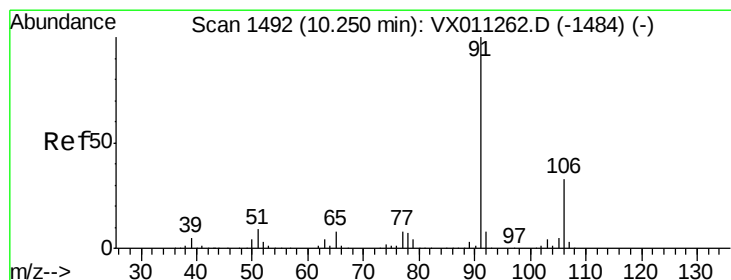
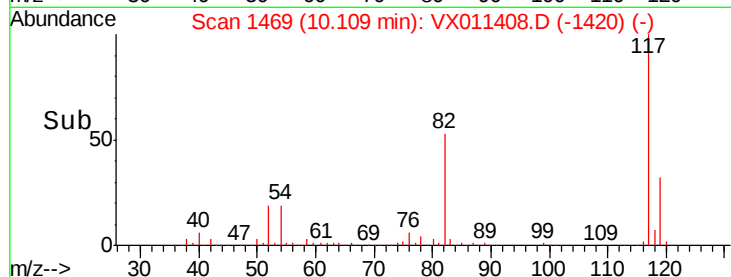
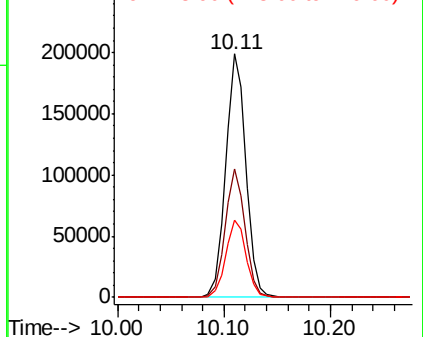
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tgt Ion: 117 Resp: 263305
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 31.5 26.6 39.8

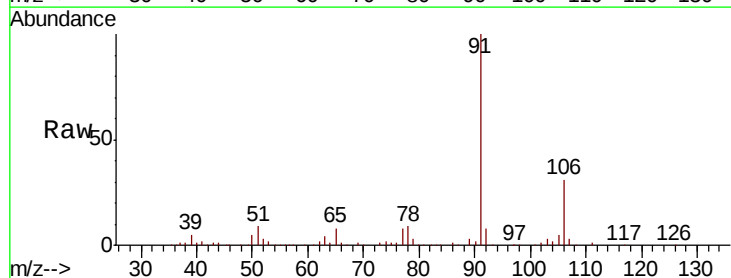


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

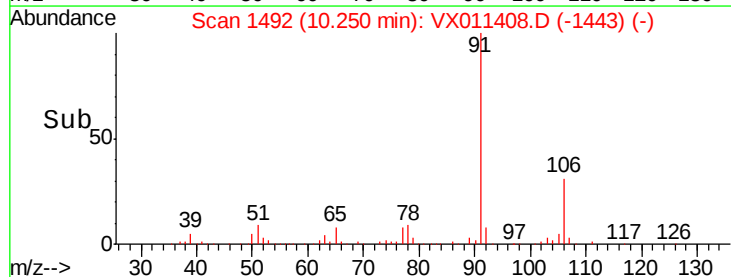
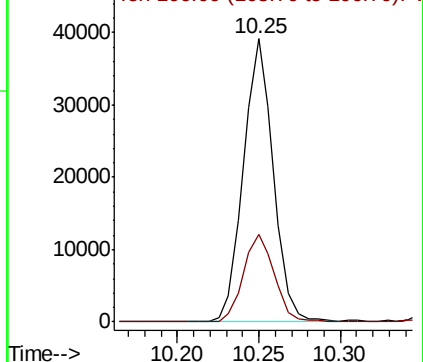


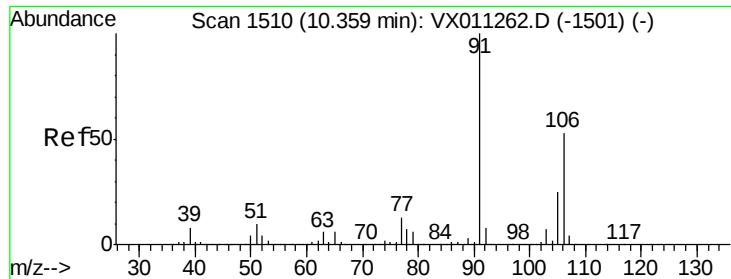
#67
Ethyl Benzene
Concen: 5.286 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 91 Resp: 49979
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.4



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

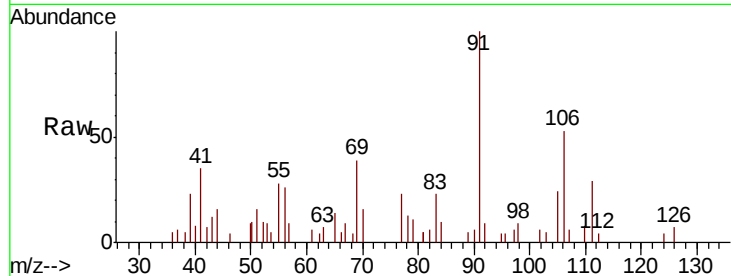




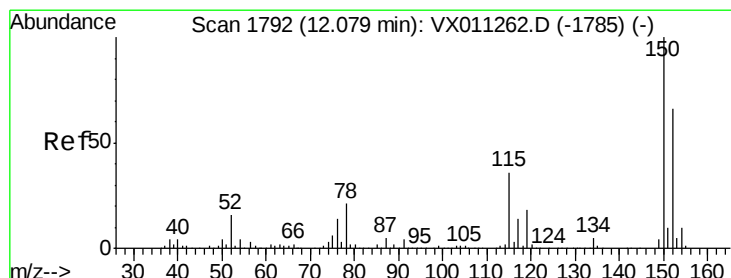
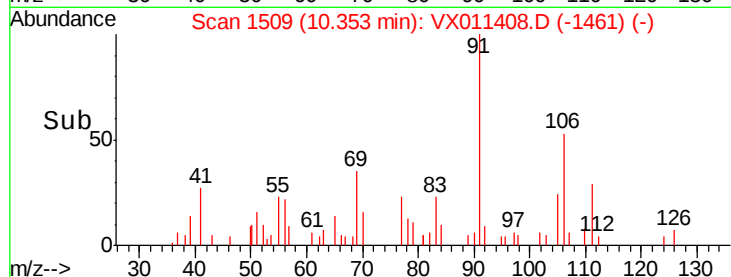
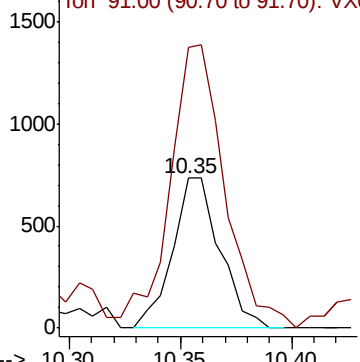
#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
Z3-0669

Tgt Ion:106 Resp: 1088
Ion Ratio Lower Upper
106 100
91 218.3 155.9 233.9

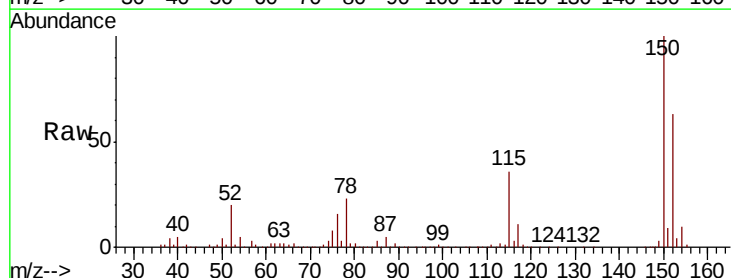


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

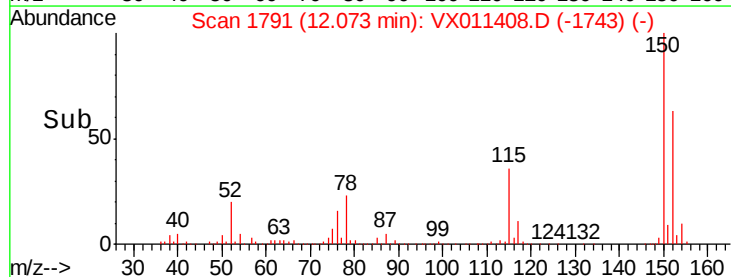
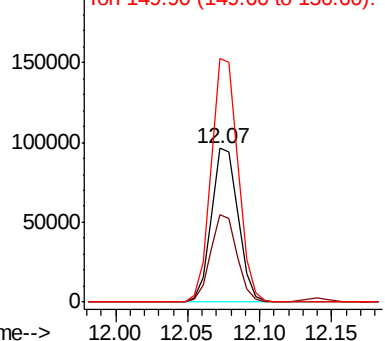


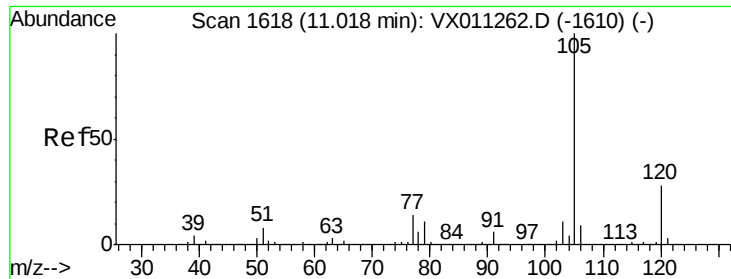
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion:152 Resp: 124223
Ion Ratio Lower Upper
152 100
115 56.1 40.0 119.9
150 158.9 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





#73

Isopropylbenzene

Concen: 3.611 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

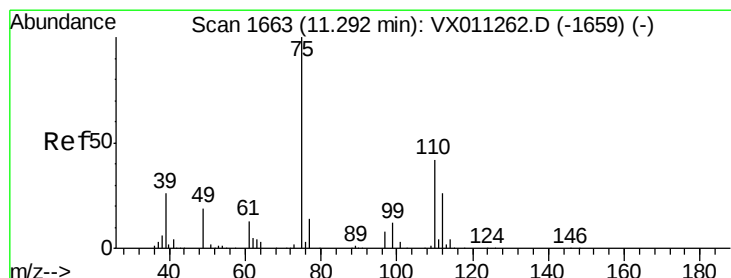
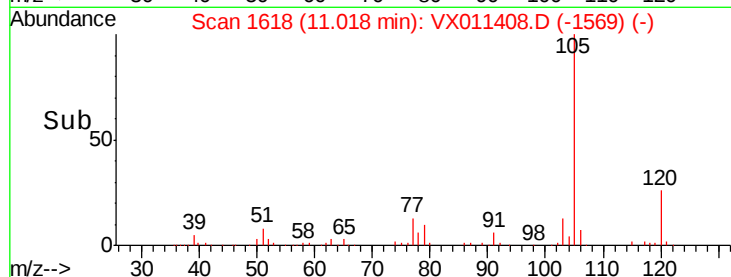
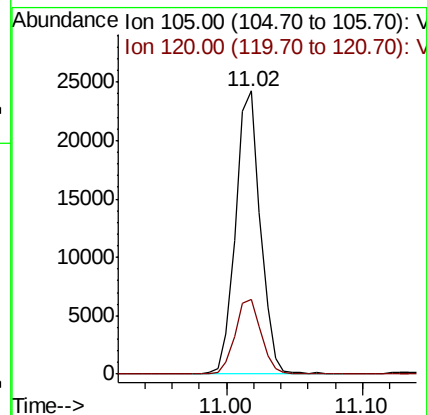
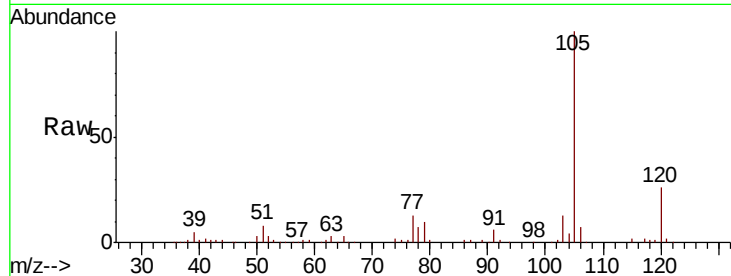
Z3-0669

Tgt Ion: 105 Resp: 30677

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1



#76

1,2,3-Trichloropropane

Concen: 26.032 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011408.D

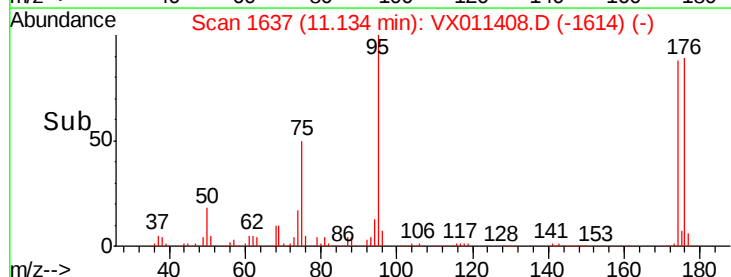
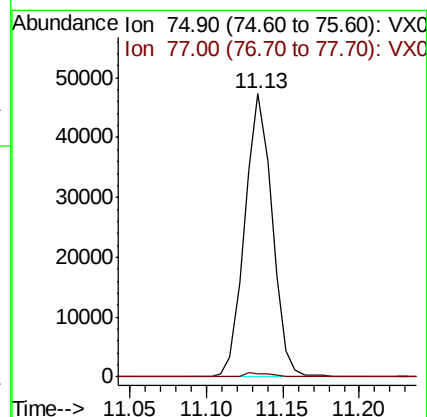
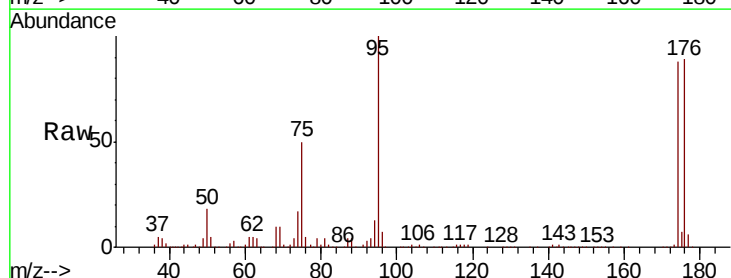
Acq: 09 Aug 2019 14:32

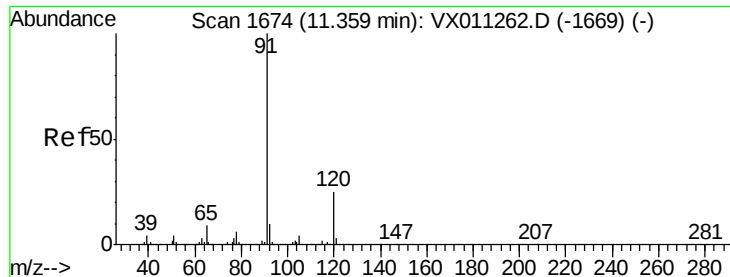
Tgt Ion: 75 Resp: 58892

Ion Ratio Lower Upper

75 100

77 1.6 21.1 63.4#





#78

n-propylbenzene

Concen: 3.717 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

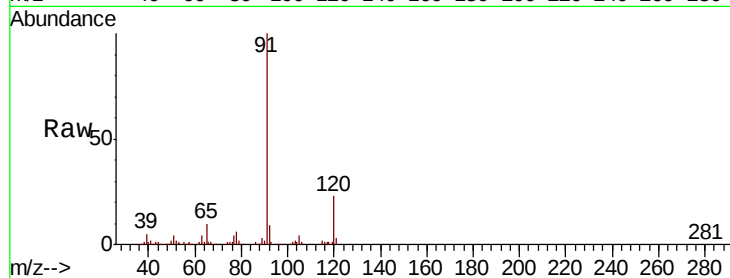
Z3-0669

Tgt Ion: 91 Resp: 35118

Ion Ratio Lower Upper

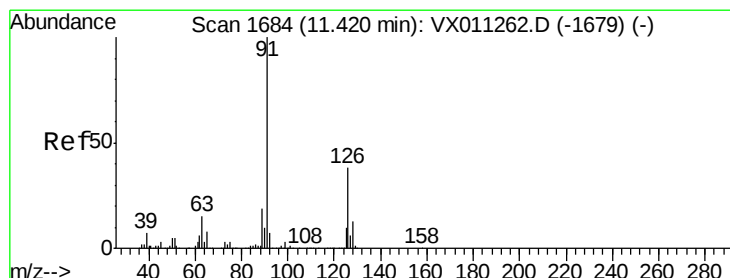
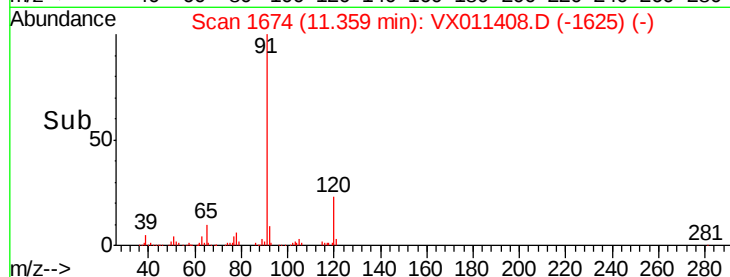
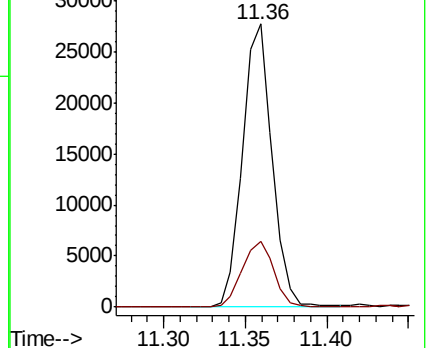
91 100

120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.236 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX011408.D

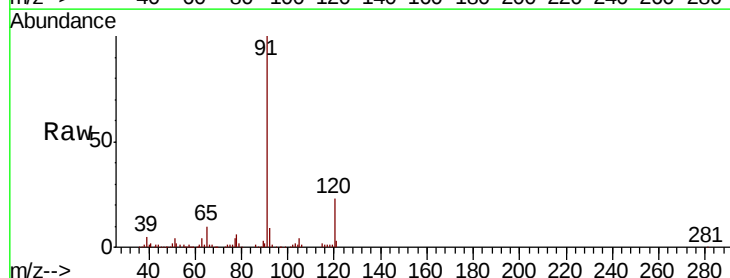
Acq: 09 Aug 2019 14:32

Tgt Ion: 91 Resp: 35118

Ion Ratio Lower Upper

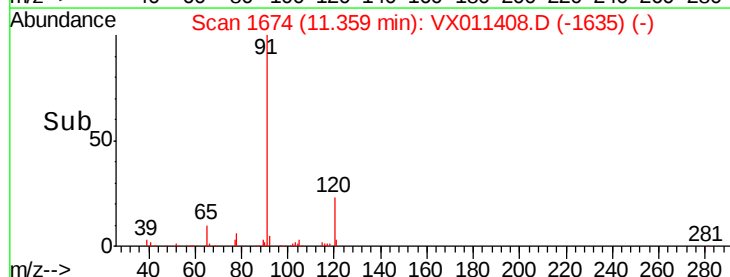
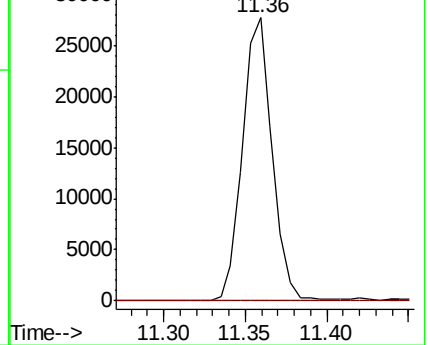
91 100

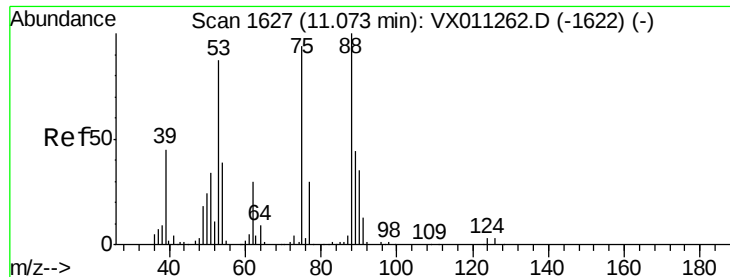
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 67.747 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

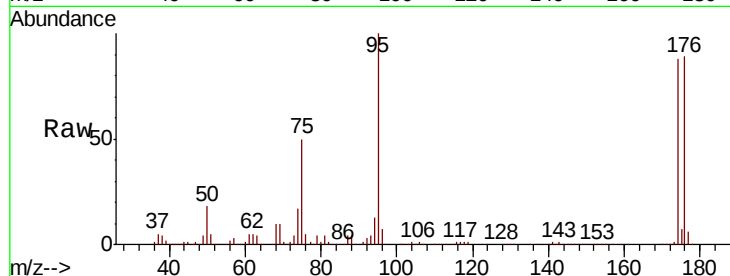
Tgt Ion: 75 Resp: 58892

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

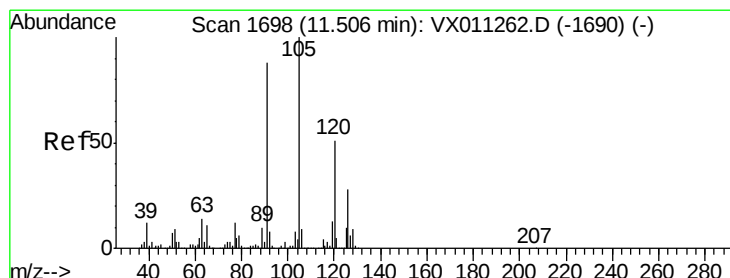
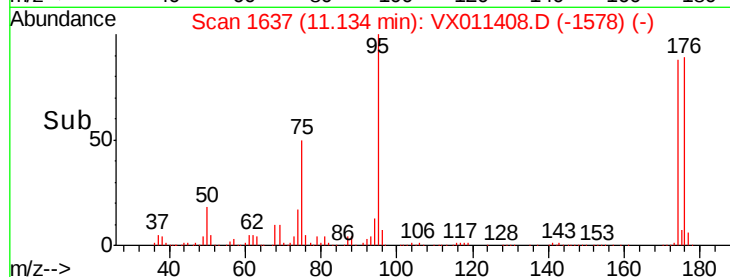
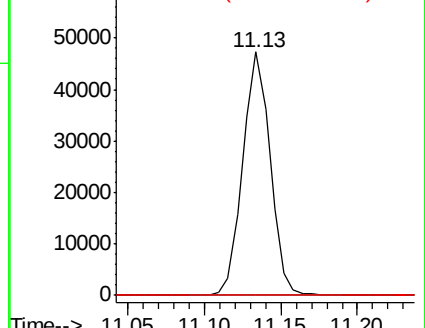
89 0.1 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.351 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX011408.D

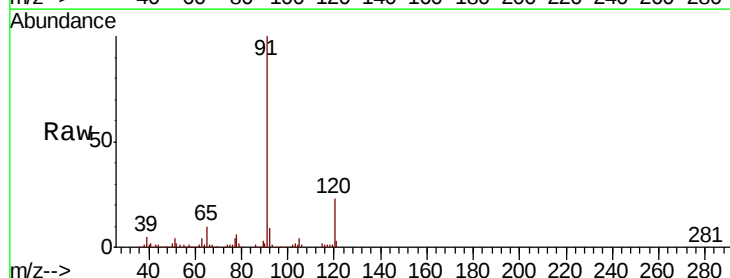
Acq: 09 Aug 2019 14:32

Tgt Ion: 91 Resp: 35118

Ion Ratio Lower Upper

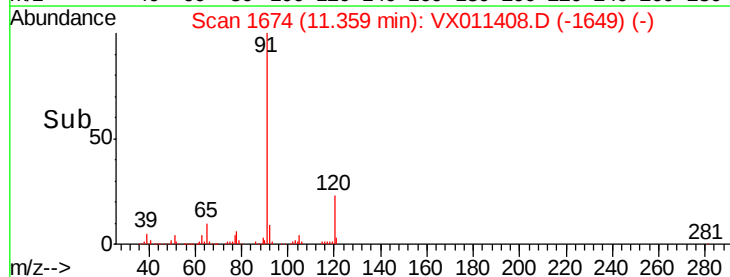
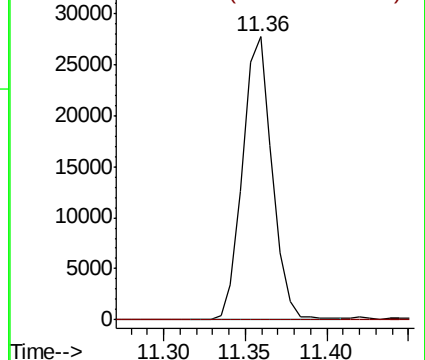
91 100

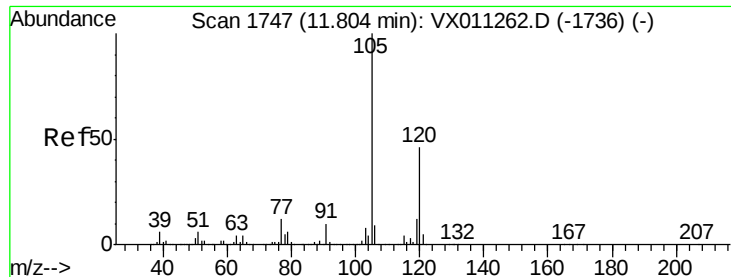
126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.376 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

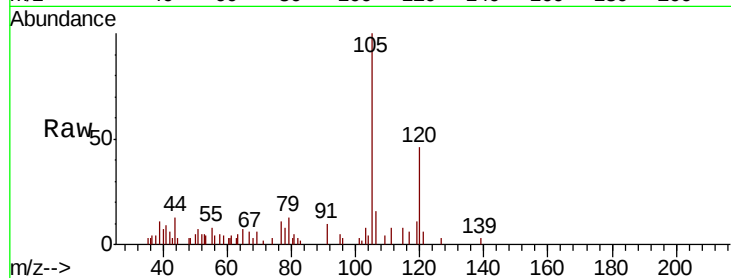
Z3-0669

Tgt Ion:105 Resp: 2660

Ion Ratio Lower Upper

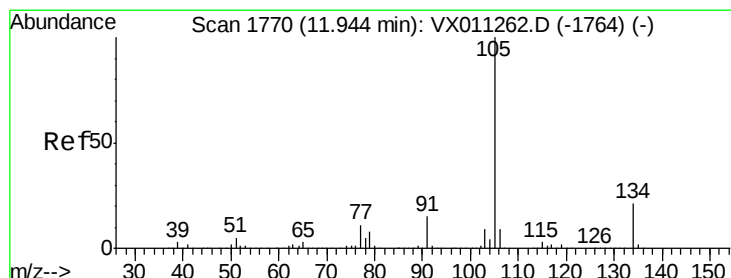
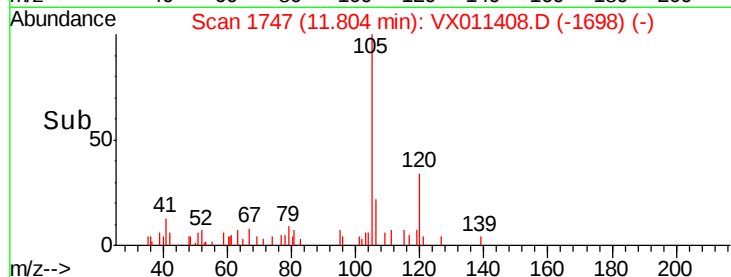
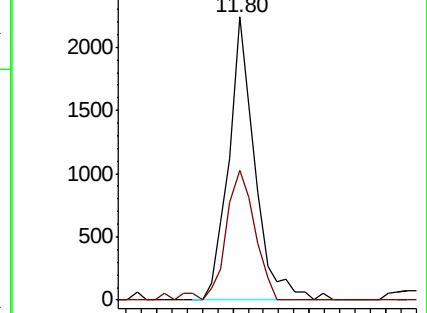
105 100

120 51.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.664 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011408.D

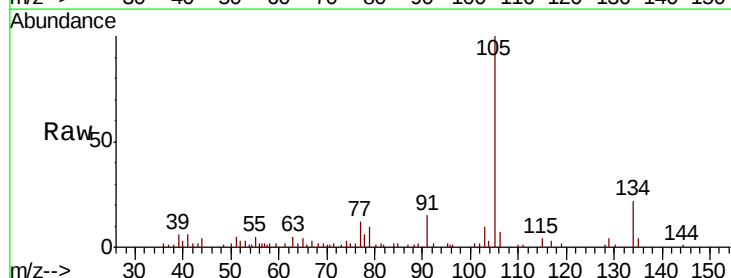
Acq: 09 Aug 2019 14:32

Tgt Ion:105 Resp: 5568

Ion Ratio Lower Upper

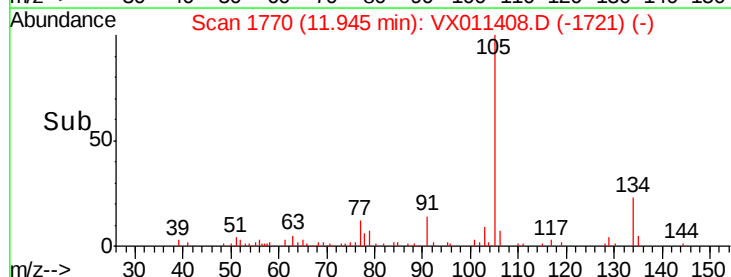
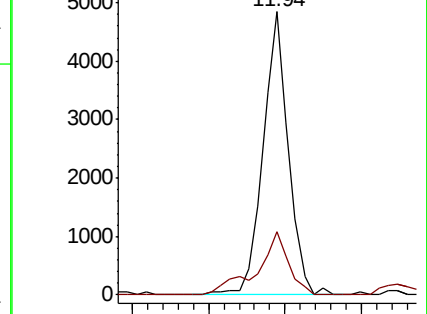
105 100

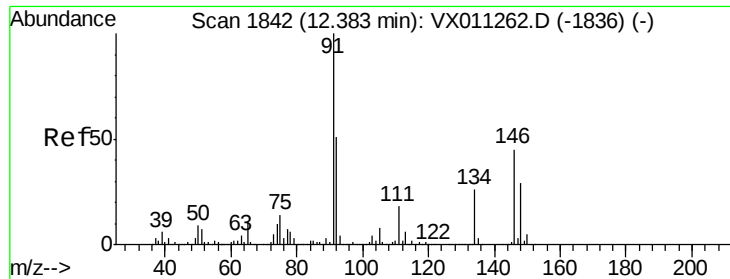
134 27.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

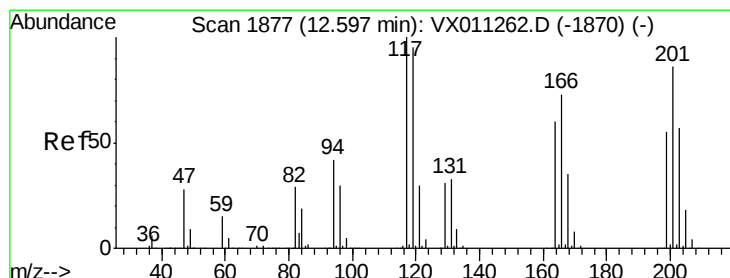
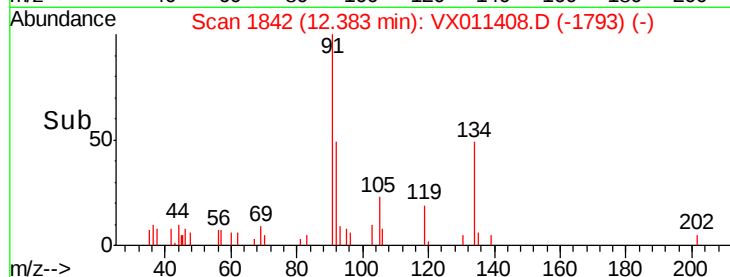
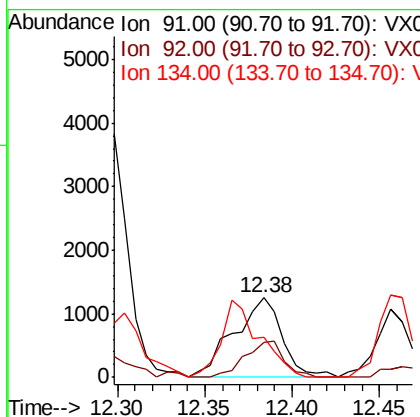
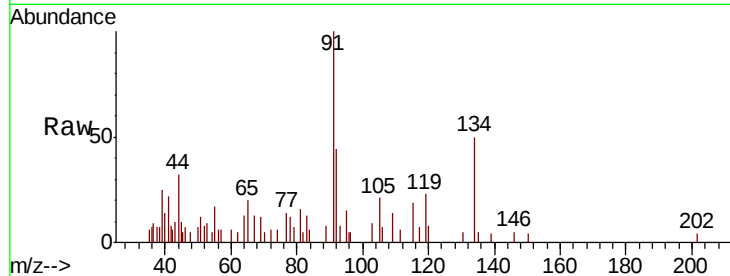




#89
n-Butylbenzene
Concen: 0.360 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

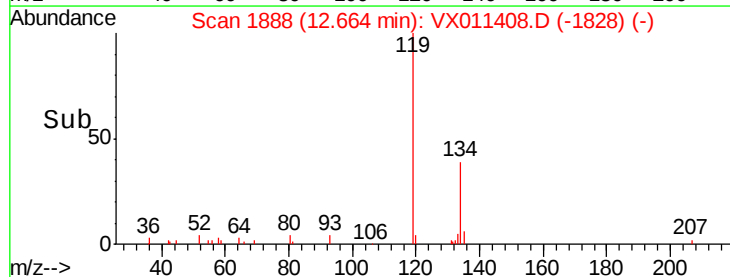
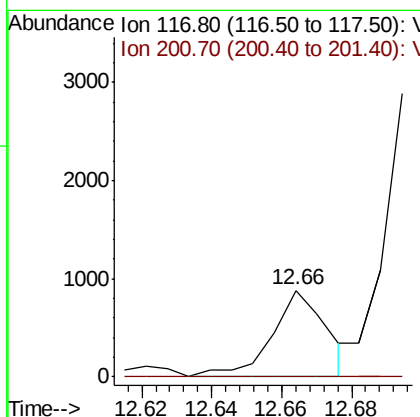
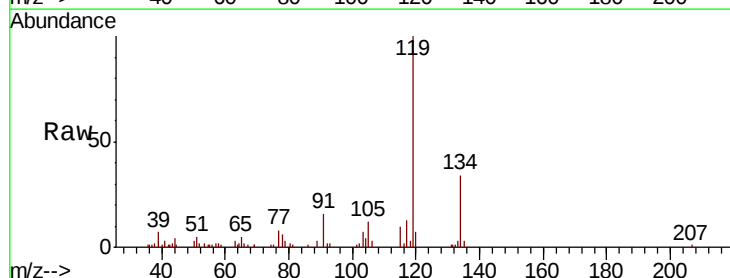
Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

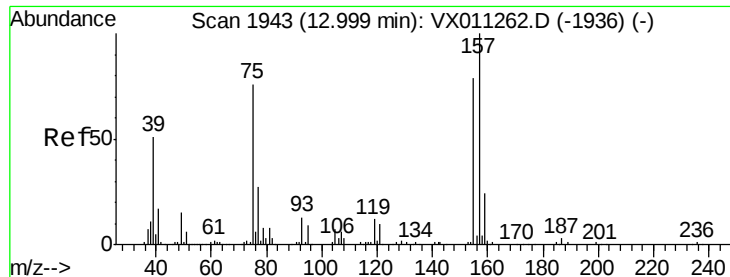
Tgt Ion: 91 Resp: 2391
Ion Ratio Lower Upper
91 100
92 37.1 25.8 77.3
134 0.0 13.7 41.0#



#90
Hexachloroethane
Concen: 0.834 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 117 Resp: 951
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.4#

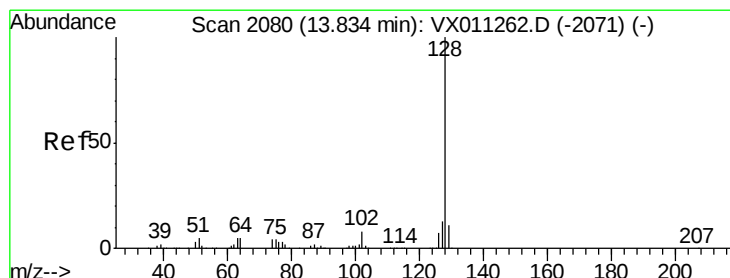
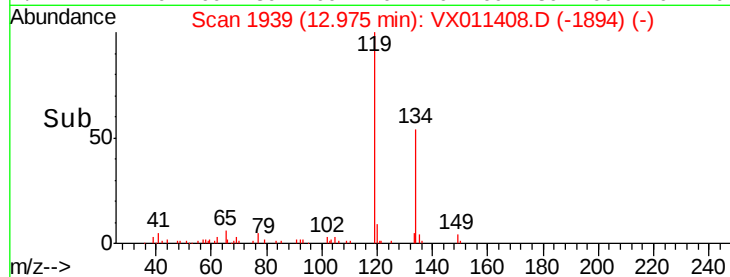
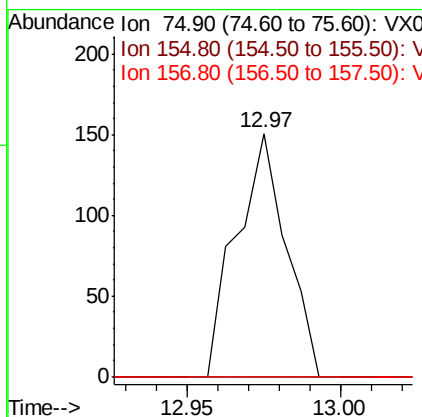
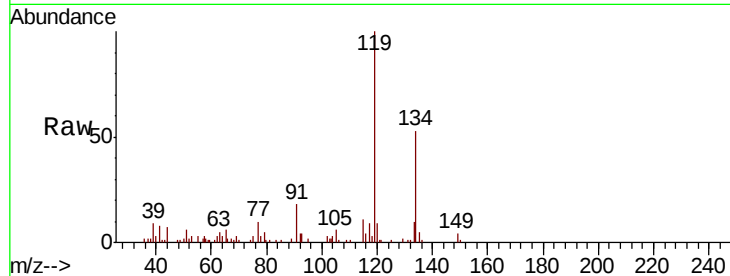




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.310 ug/l
 RT: 12.97 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

Tgt Ion: 75 Resp: 170
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.9 155.8#
 157 0.0 64.3 192.7#



#95
 Naphthalene
 Concen: 4.034 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Tgt Ion: 128 Resp: 32718
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 12.8 8.9 13.3

