

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011407.D
 Acq On : 09 Aug 2019 14:08
 Operator : JC/SP
 Sample : K4279-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

Quant Time: Aug 10 23:59:59 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	213337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135086	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	107658	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	5.49	113	89891	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
50) Toluene-d8	8.71	98	354922	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.13	95	123013	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	613	0.422	ug/l	88
6) Chloroethane	1.70	64	284	Below Cal		100
10) Methyl Iodide	2.51	142	886	0.359	ug/l	96
11) Tert butyl alcohol	3.02	59	905	2.135	ug/l #	72
14) Allyl chloride	2.84	41	8616	3.330	ug/l #	68
15) Acrylonitrile	3.16	53	3041	2.975	ug/l #	40
16) Acetone	2.39	43	9377	9.170	ug/l #	48
17) Carbon Disulfide	2.57	76	941	0.207	ug/l #	75
18) Methyl Acetate	2.84	43	19567	8.373	ug/l #	49
25) 2-Butanone	4.69	43	422	0.290	ug/l #	46
26) 2,2-Dichloropropane	4.39	77	2384	0.915	ug/l #	49
29) Tetrahydrofuran	5.14	42	296	0.332	ug/l #	29
31) Cyclohexane	5.57	56	181861	65.732	ug/l	99
36) 1,1-Dichloropropene	5.66	75	14043	5.312	ug/l #	45
38) Carbon Tetrachloride	5.66	117	20137	7.571	ug/l #	15
39) Methylcyclohexane	7.46	83	70160	22.389	ug/l	98
40) Benzene	6.13	78	44827	5.682	ug/l	98
48) Methyl methacrylate	7.73	41	2899	1.453	ug/l #	53
49) 1,4-Dioxane	7.90	88	19	0.328	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	596	0.218	ug/l #	67
52) Toluene	8.79	92	1588	0.304	ug/l	95
53) t-1,3-Dichloropropene	9.03	75	26	2.847	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2517	1.174	ug/l #	18
56) Ethyl methacrylate	9.16	69	668	0.219	ug/l #	1
67) Ethyl Benzene	10.25	91	1511744	158.103	ug/l	99
68) m/p-Xylenes	10.36	106	33577	9.079	ug/l	98
69) o-Xylene	10.69	106	4476	1.232	ug/l	97
73) Isopropylbenzene	11.02	105	153714	16.638	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	706	0.229	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	62525	25.416	ug/l #	36
78) n-propylbenzene	11.36	91	190829	18.573	ug/l	99
79) 2-Chlorotoluene	11.36	91	190829	31.162	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	38234	4.944	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.01	75	2008	6.510	ug/l #	73

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011407.D
 Acq On : 09 Aug 2019 14:08
 Operator : JC/SP
 Sample : K4279-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

Quant Time: Aug 10 23:59:59 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

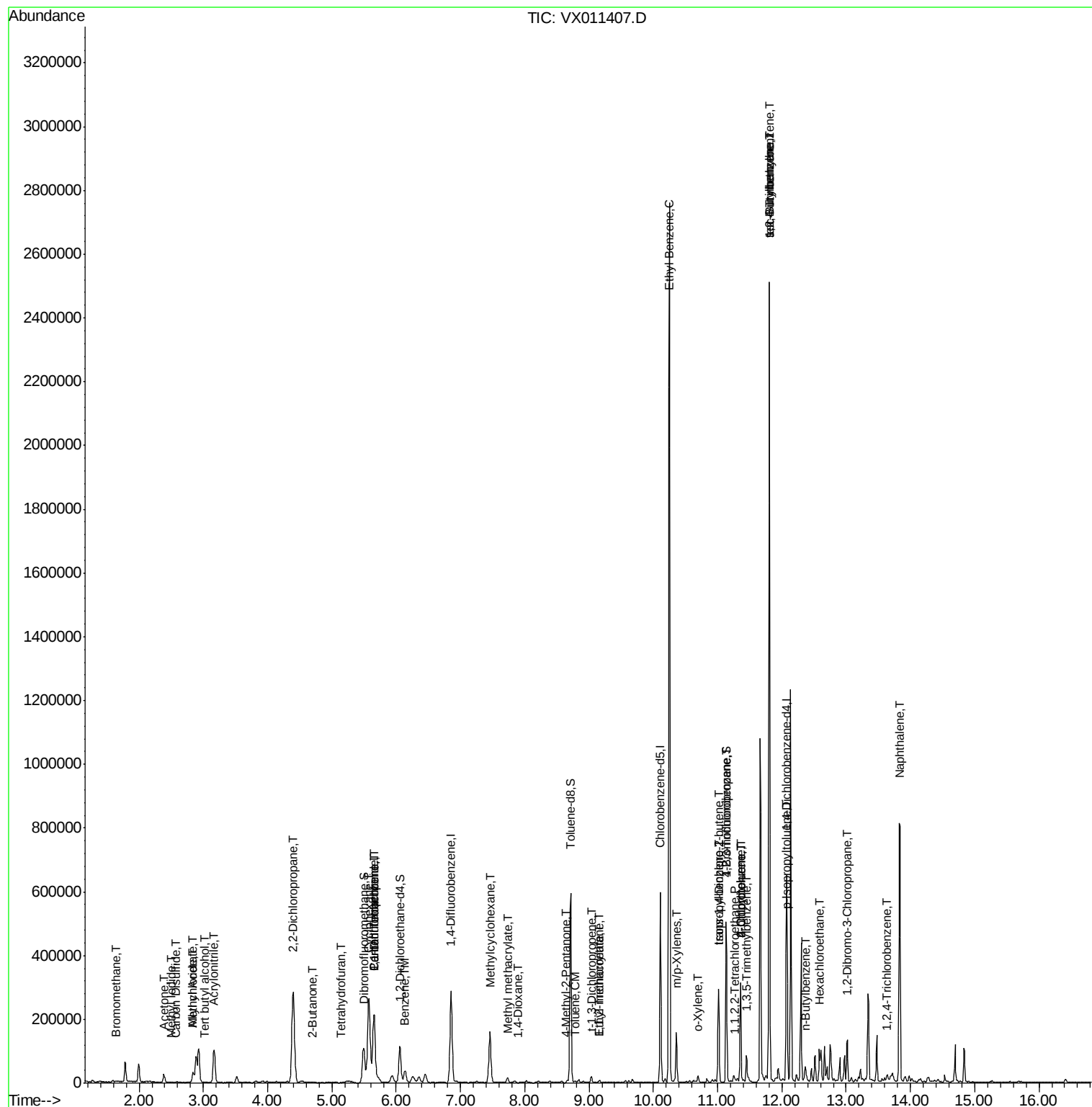
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	190829	26.739	ug/l #	42
83) tert-Butylbenzene	11.80	119	136149	17.949	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	1067105	138.583	ug/l	100
85) sec-Butylbenzene	11.80	105	1067105	117.092	ug/l #	55
86) p-Isopropyltoluene	12.06	119	5812	0.693	ug/l #	77
89) n-Butylbenzene	12.38	91	8061	1.116	ug/l #	55
90) Hexachloroethane	12.58	117	4630	3.735	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	566	0.949	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	622	0.206	ug/l #	25
95) Naphthalene	13.83	128	525377	59.561	ug/l	100

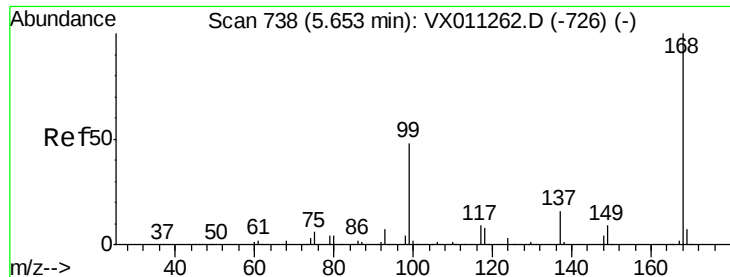
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
Data File : VX011407.D
Acq On : 09 Aug 2019 14:08
Operator : JC/SP
Sample : K4279-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Quant Time: Aug 10 23:59:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

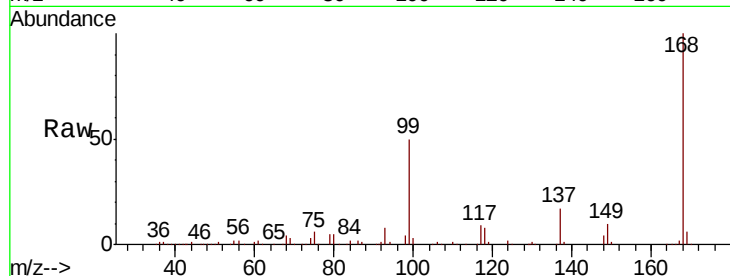
Z3-0668

Tgt Ion:168 Resp: 213337

Ion Ratio Lower Upper

168 100

99 49.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

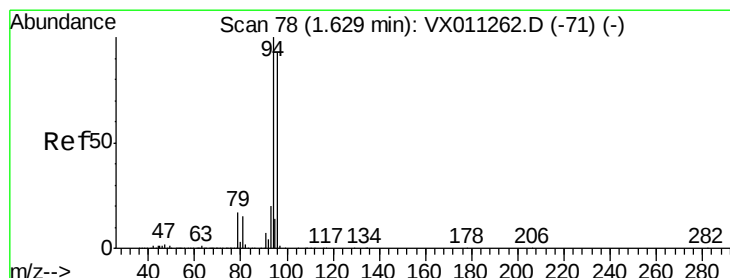
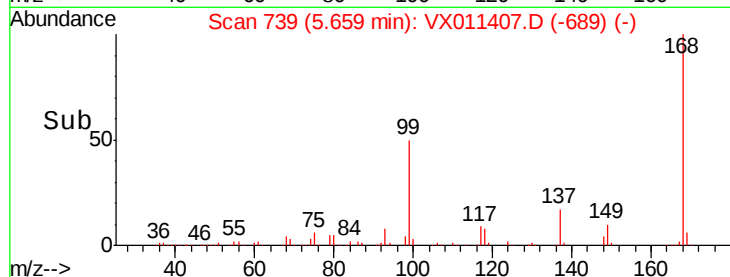
20000

0

5.60

5.70

Time-->



#5

Bromomethane

Concen: 0.422 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011407.D

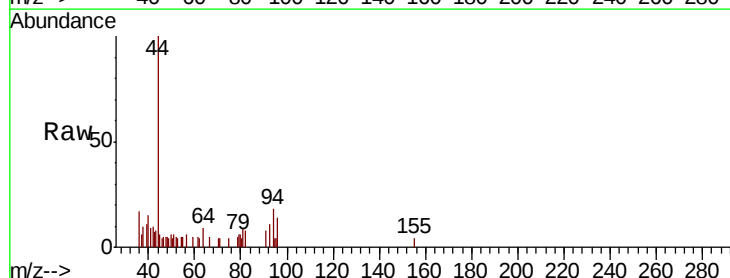
Acq: 09 Aug 2019 14:08

Tgt Ion: 94 Resp: 613

Ion Ratio Lower Upper

94 100

96 81.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

400

300

200

100

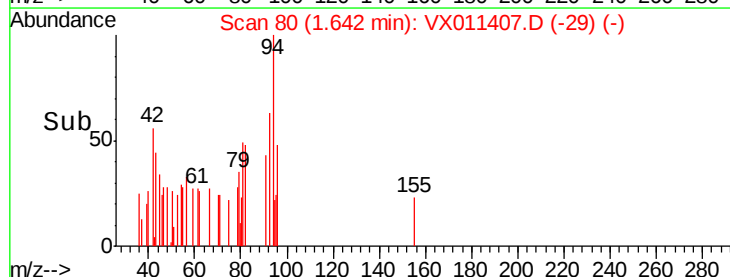
0

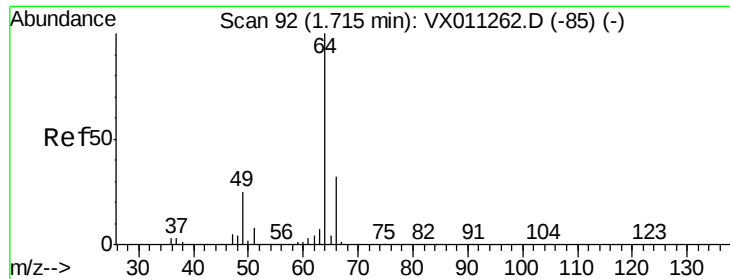
1.60

1.65

1.70

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

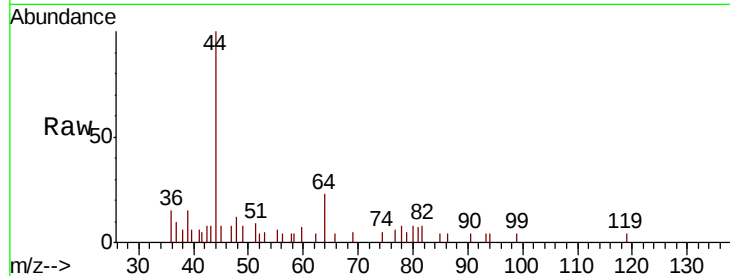
Z3-0668

Tgt Ion: 64 Resp: 284

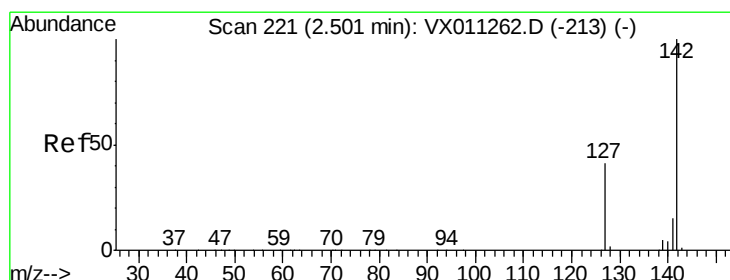
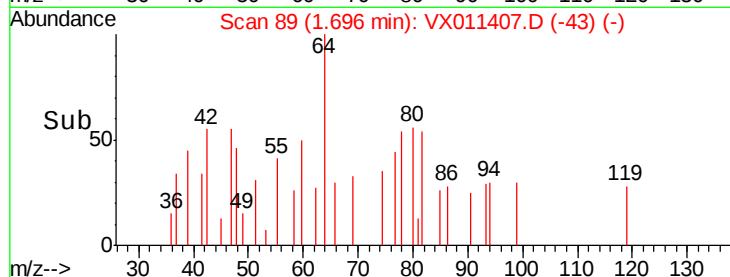
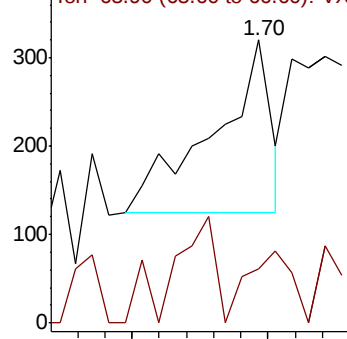
Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX011262.D (-85) (-)



#10

Methyl Iodide

Concen: 0.359 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

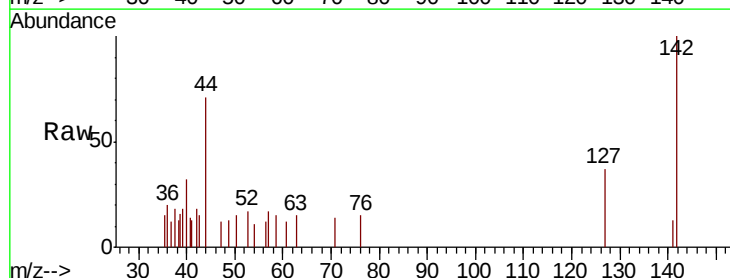
Tgt Ion: 142 Resp: 886

Ion Ratio Lower Upper

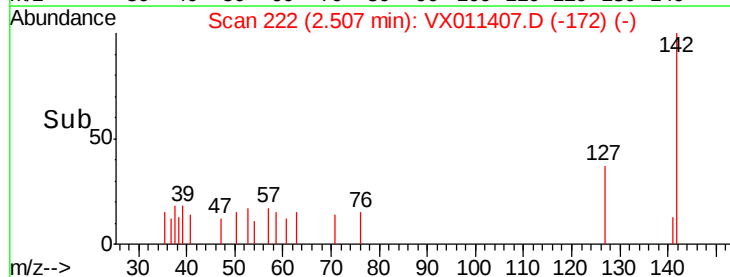
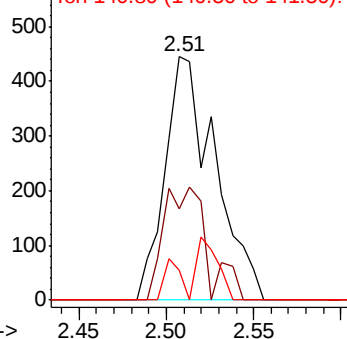
142 100

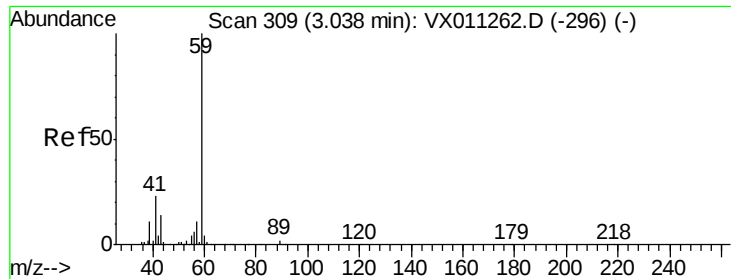
127 40.0 33.8 50.8

141 16.4 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): VX011262.D (-213) (-)

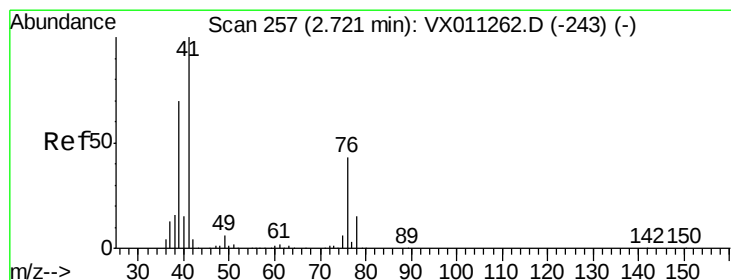
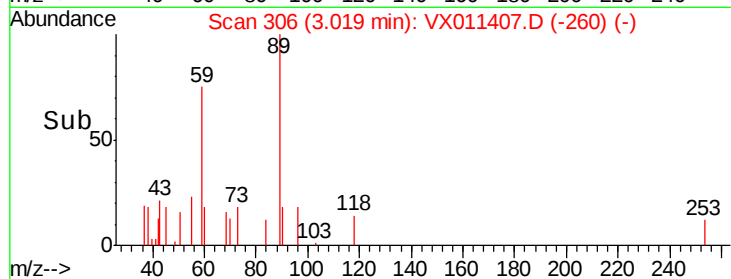
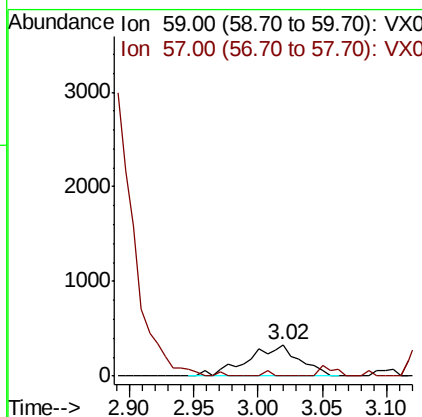
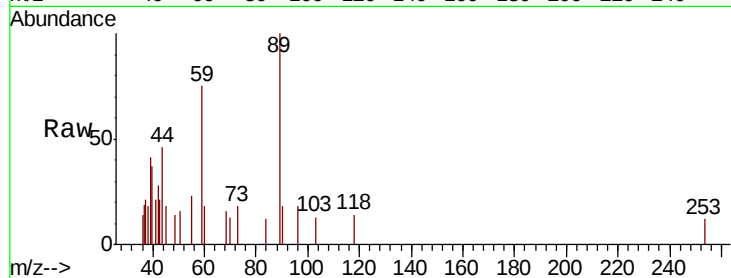




#11
Tert butyl alcohol
Concen: 2.135 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

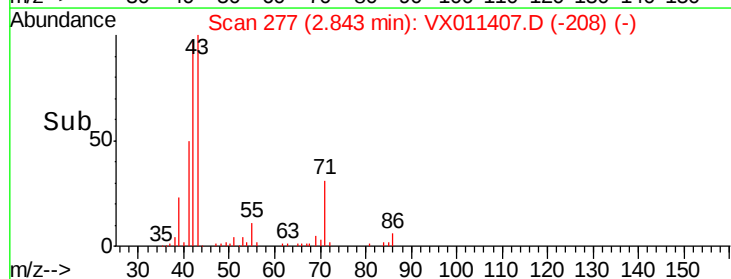
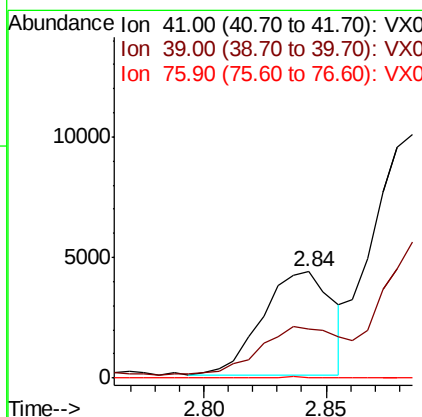
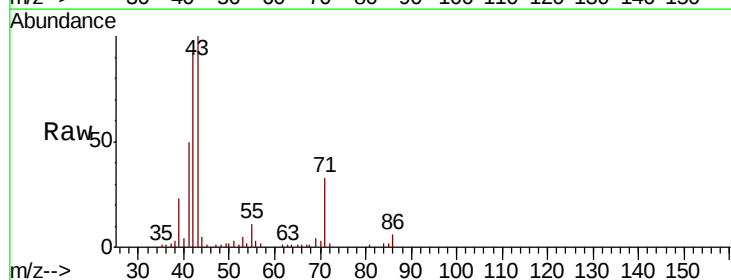
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

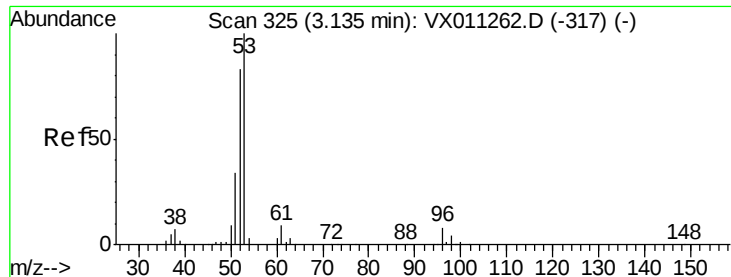
Tgt Ion: 59 Resp: 905
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 3.330 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 41 Resp: 8616
Ion Ratio Lower Upper
41 100
39 55.8 52.8 79.2
76 0.0 31.1 46.7#





#15

Acrylonitrile

Concen: 2.975 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

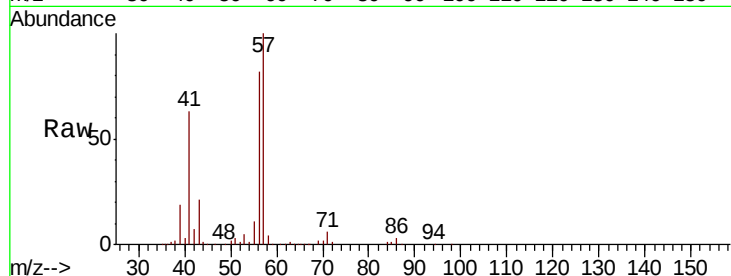
Tgt Ion: 53 Resp: 3041

Ion Ratio Lower Upper

53 100

52 25.8 65.5 98.3#

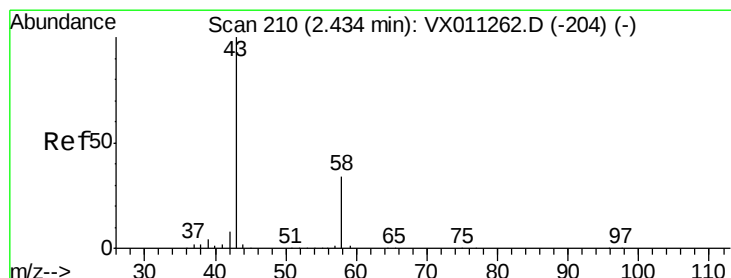
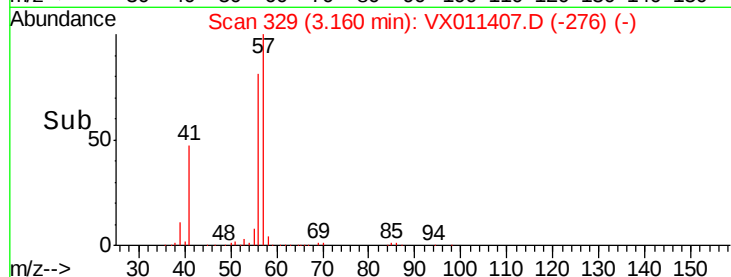
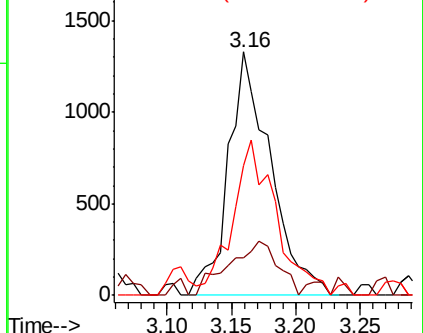
51 65.3 27.9 41.9#



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: 9.170 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.05 min

Lab File: VX011407.D

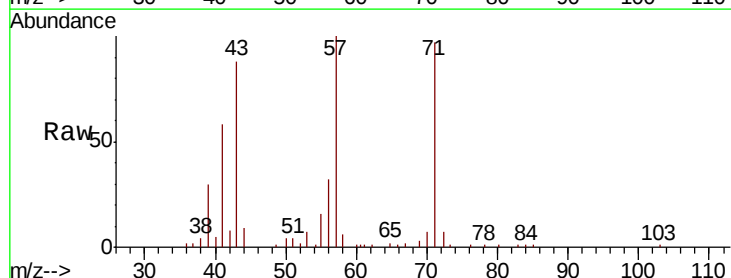
Acq: 09 Aug 2019 14:08

Tgt Ion: 43 Resp: 9377

Ion Ratio Lower Upper

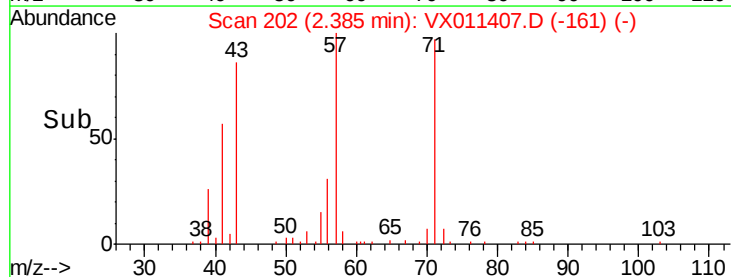
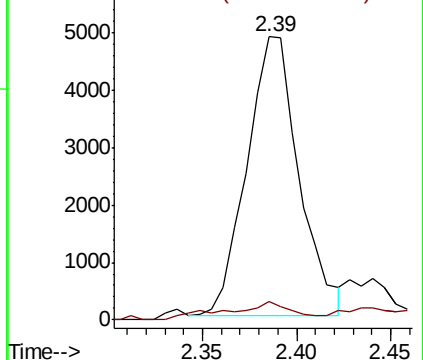
43 100

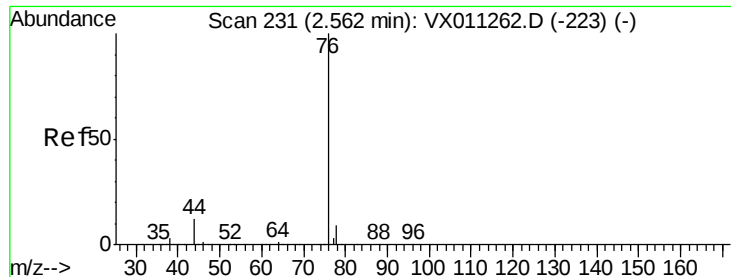
58 4.3 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

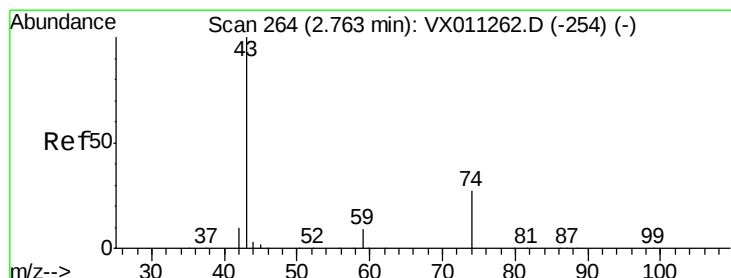
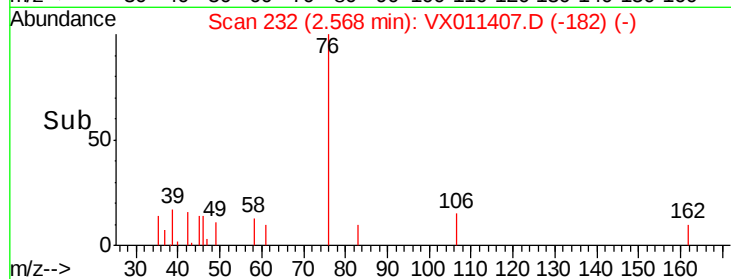
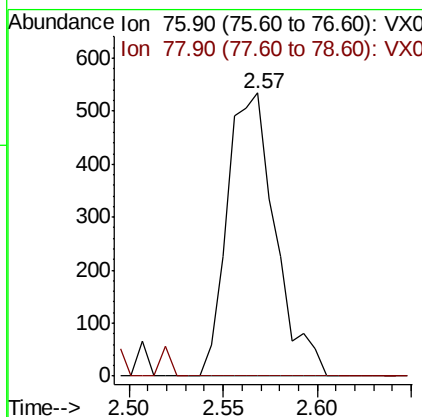
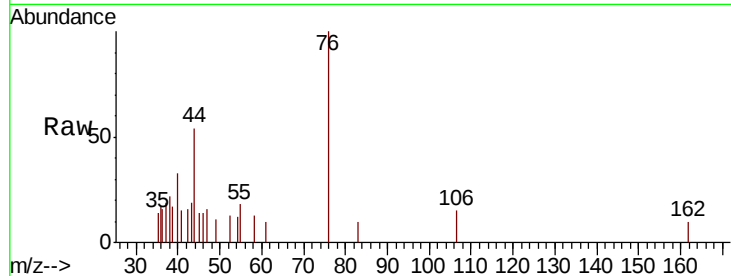




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

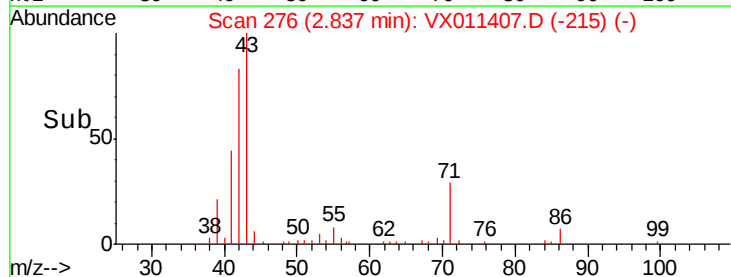
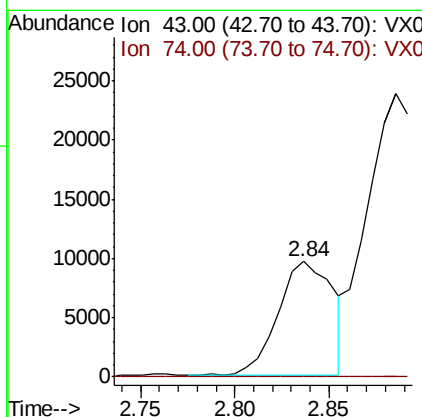
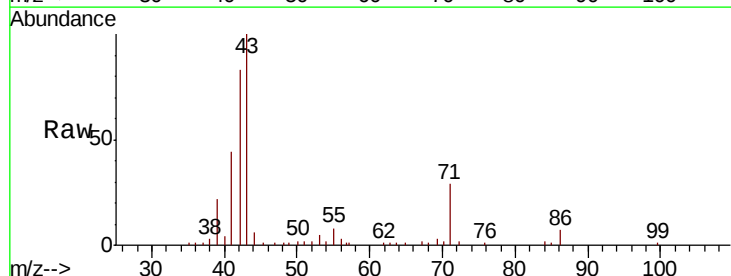
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

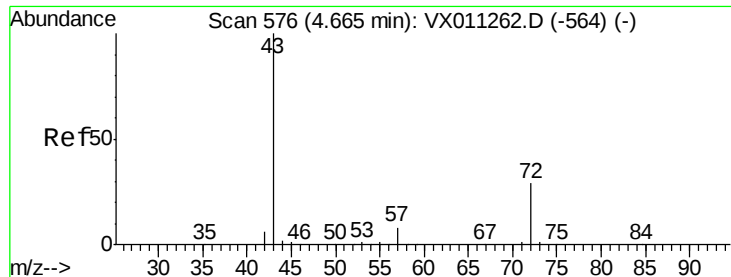
Tgt Ion: 76 Resp: 941
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 8.373 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.07 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 43 Resp: 19567
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#





#25

2-Butanone

Concen: 0.290 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

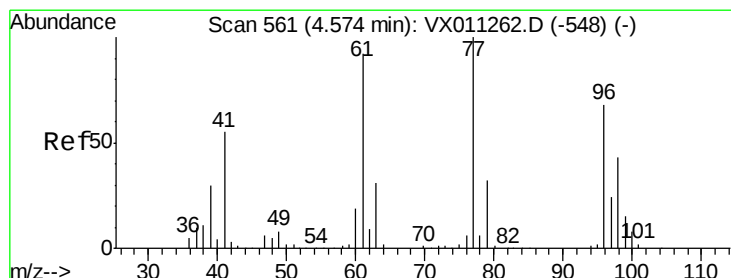
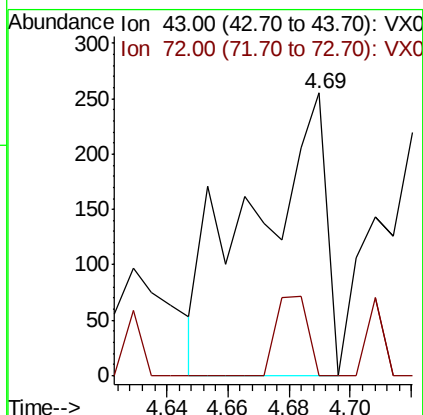
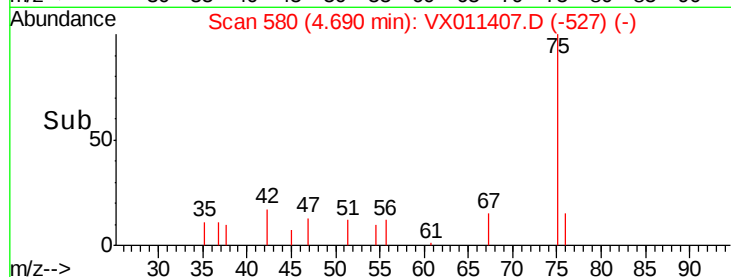
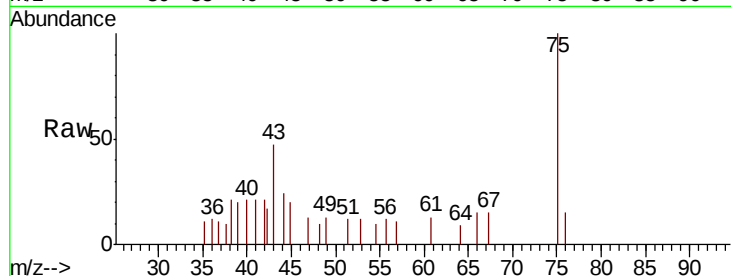
Z3-0668

Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 0.915 ug/l

RT: 4.39 min Scan# 530

Delta R.T. -0.19 min

Lab File: VX011407.D

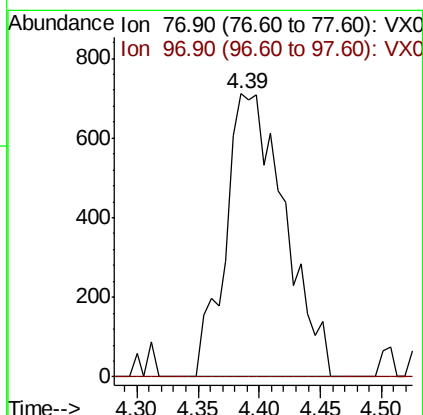
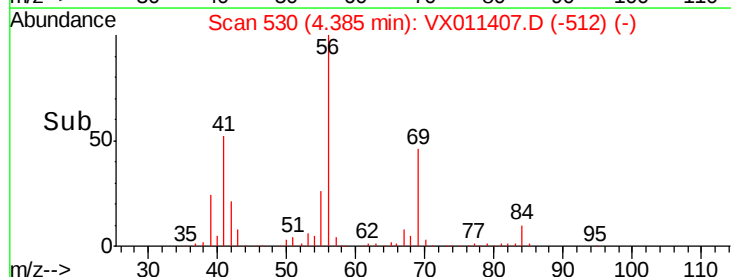
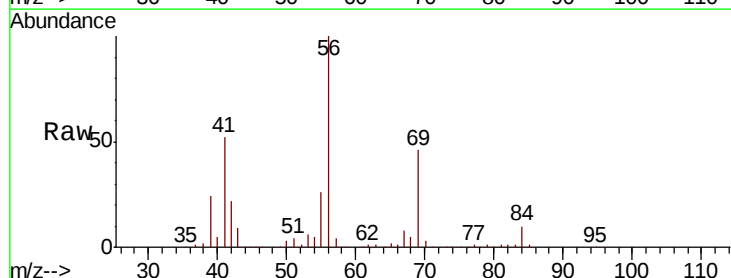
Acq: 09 Aug 2019 14:08

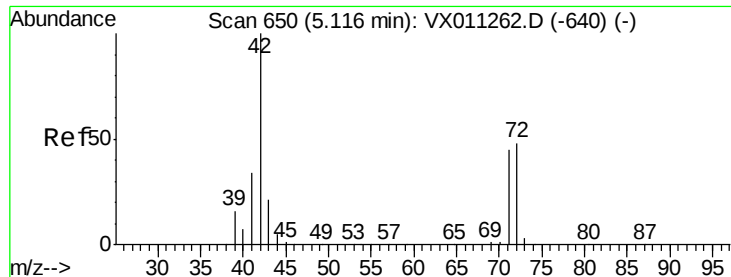
Tgt Ion: 77 Resp: 2384

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.4#

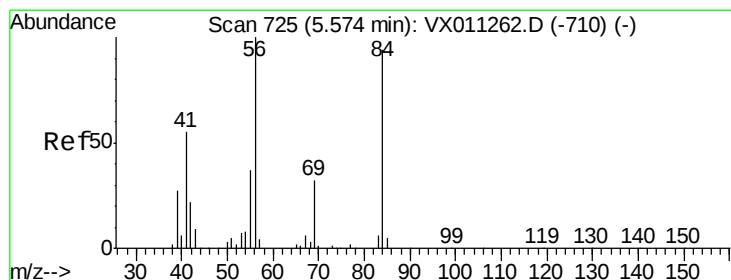
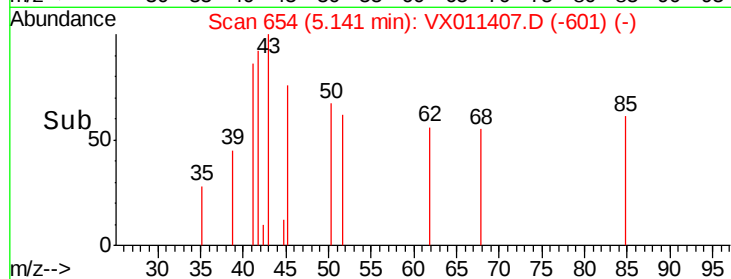
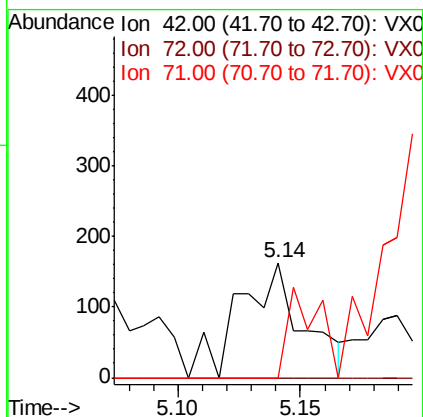
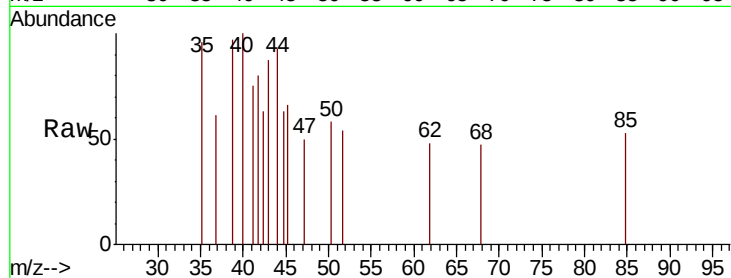




#29
Tetrahydrofuran
Concen: 0.332 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.02 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

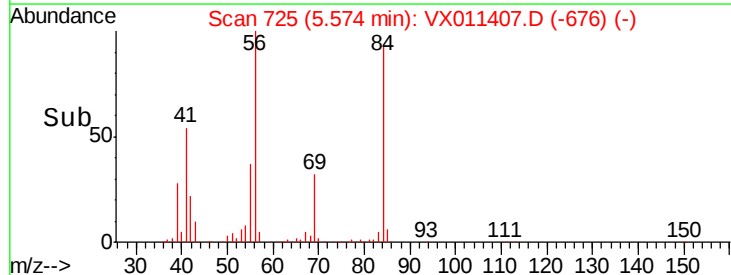
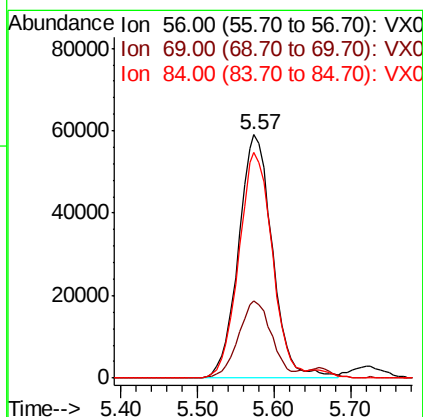
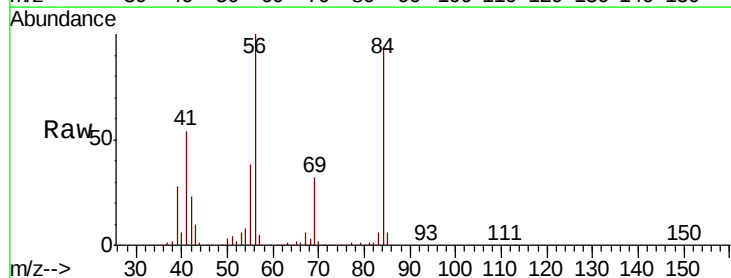
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

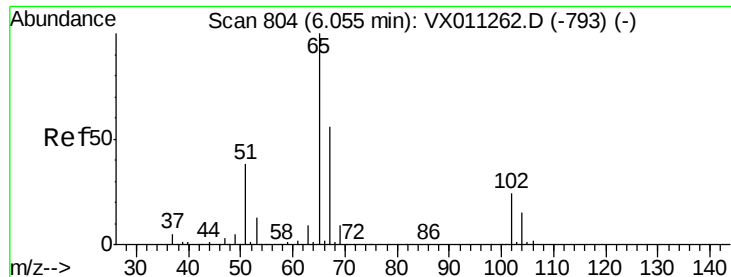
Tgt Ion: 42 Resp: 296
Ion Ratio Lower Upper
42 100
72 0.0 39.9 59.9#
71 0.0 36.9 55.3#



#31
Cyclohexane
Concen: 65.732 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 56 Resp: 181861
Ion Ratio Lower Upper
56 100
69 31.4 25.5 38.3
84 92.7 75.0 112.4

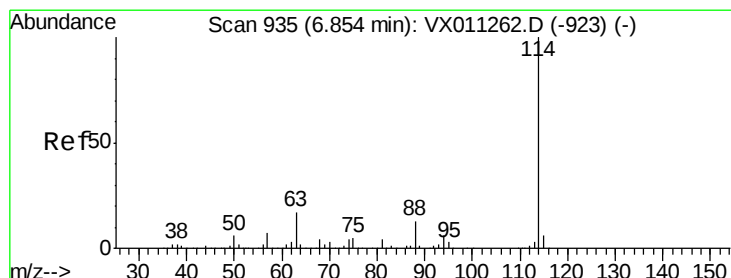
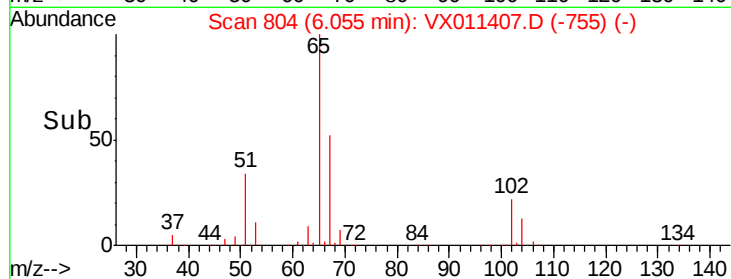
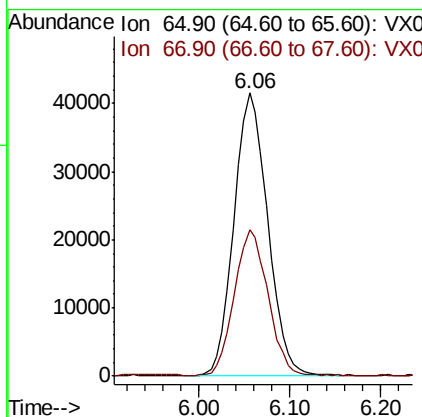
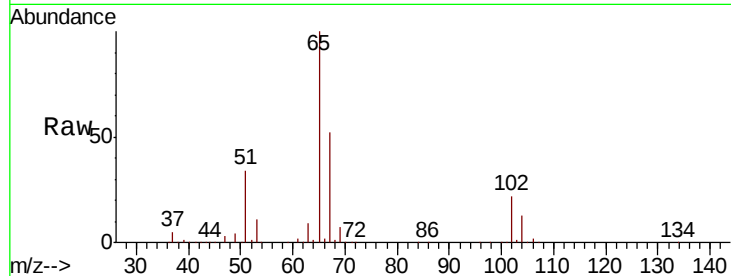




#33
 1,2-Dichloroethane-d4
 Concen: 50.110 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

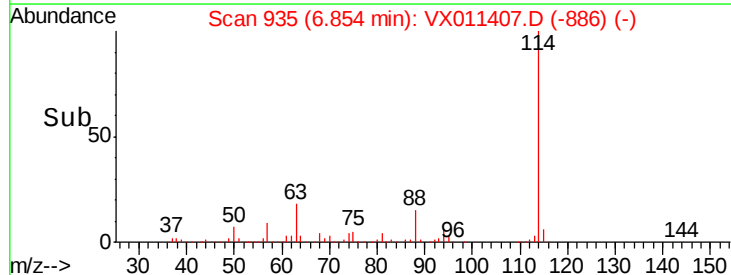
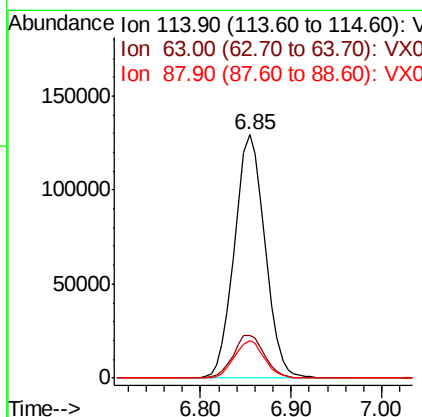
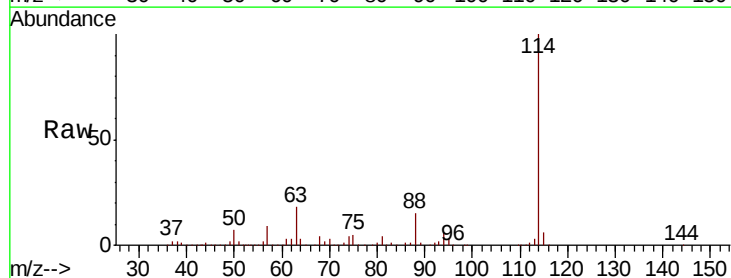
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

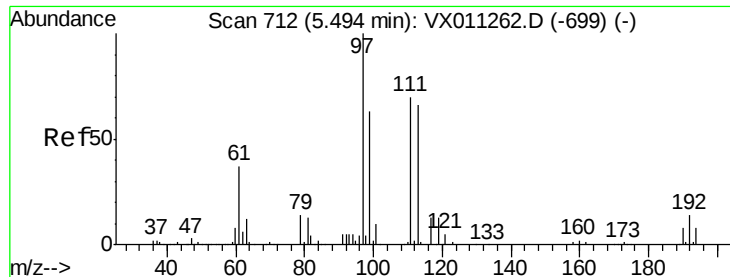
Tgt Ion: 65 Resp: 107658
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Tgt Ion: 114 Resp: 302803
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 15.3 0.0 26.4

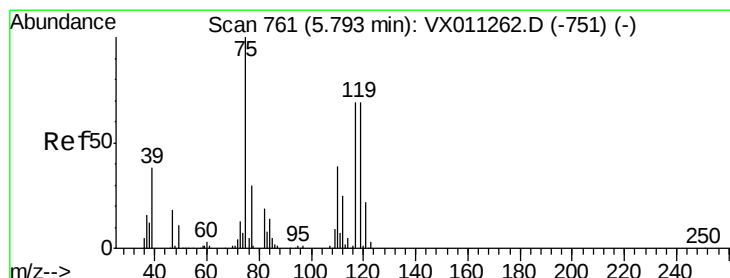
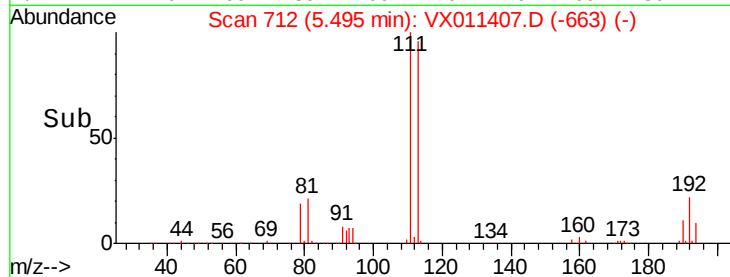
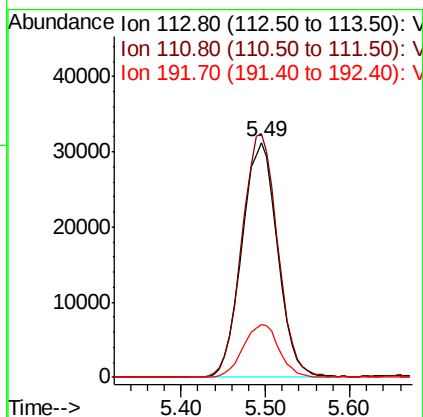
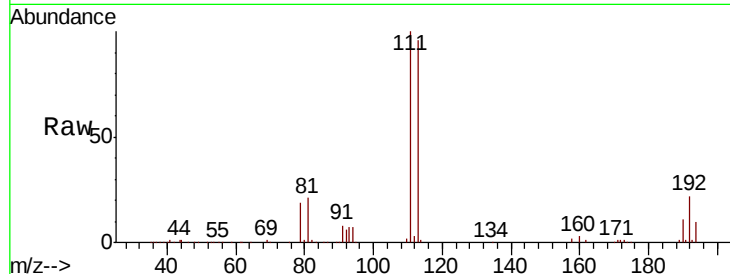




#35
 Dibromofluoromethane
 Concen: 45.470 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

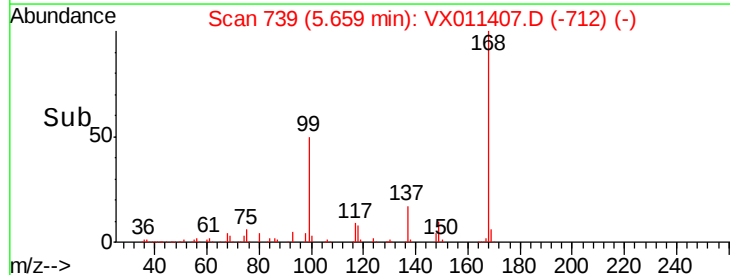
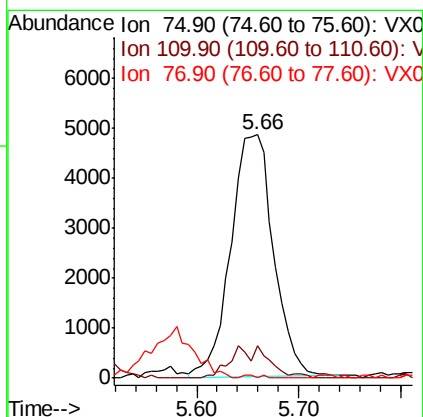
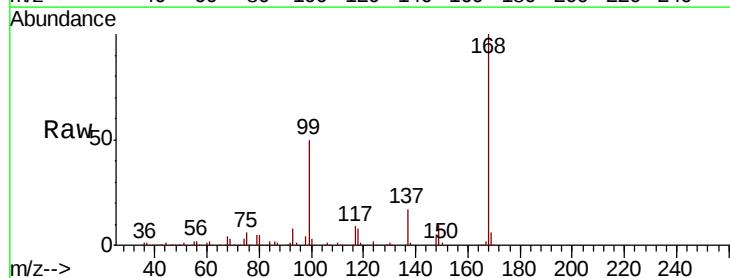
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

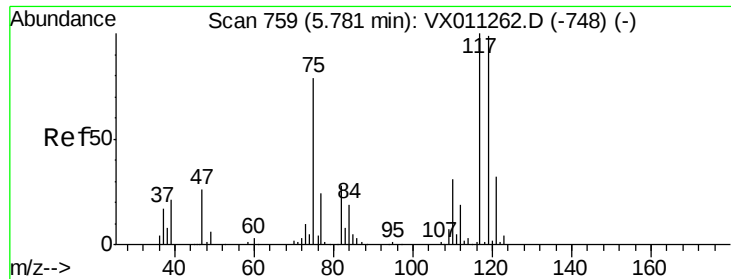
Tgt Ion:113 Resp: 89891
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.9 122.9
 192 22.7 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.312 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Tgt Ion: 75 Resp: 14043
 Ion Ratio Lower Upper
 75 100
 110 6.5 20.0 59.9#
 77 0.0 24.8 37.2#

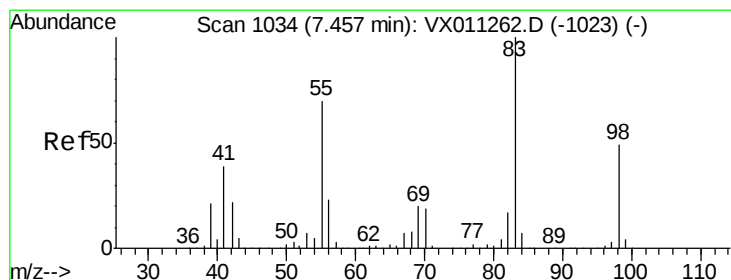
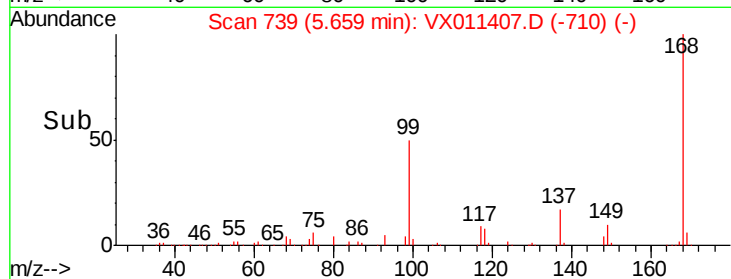
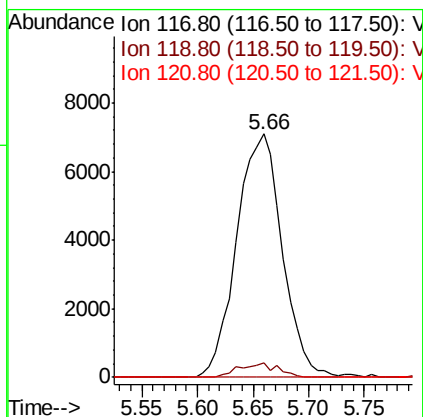
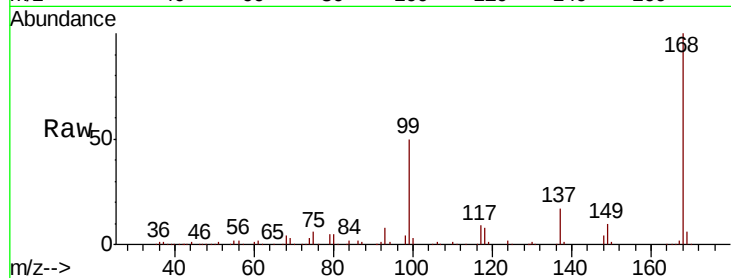




#38
Carbon Tetrachloride
Concen: 7.571 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

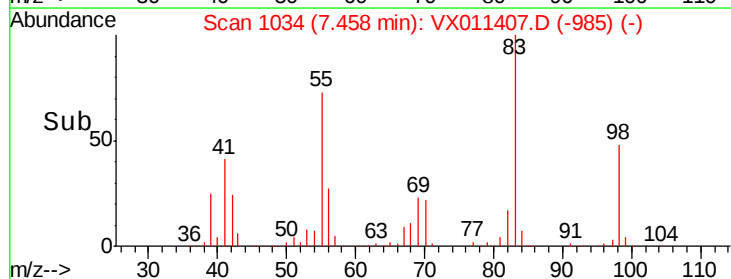
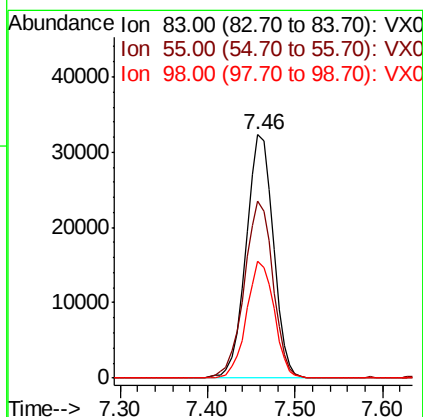
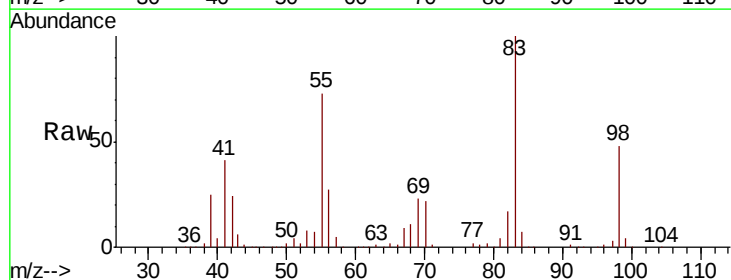
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

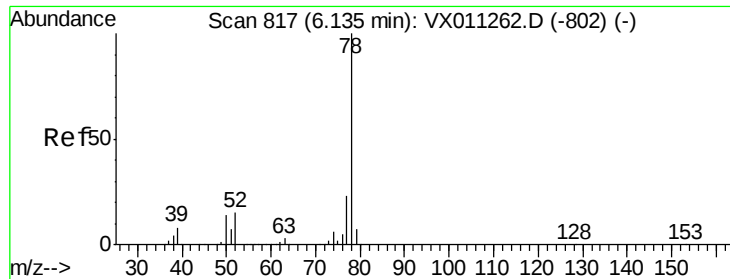
Tgt Ion: 117 Resp: 20137
Ion Ratio Lower Upper
117 100
119 6.1 79.0 118.4#
121 0.0 25.9 38.9#



#39
Methylcyclohexane
Concen: 22.389 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 83 Resp: 70160
Ion Ratio Lower Upper
83 100
55 72.8 56.1 84.1
98 47.9 39.0 58.4

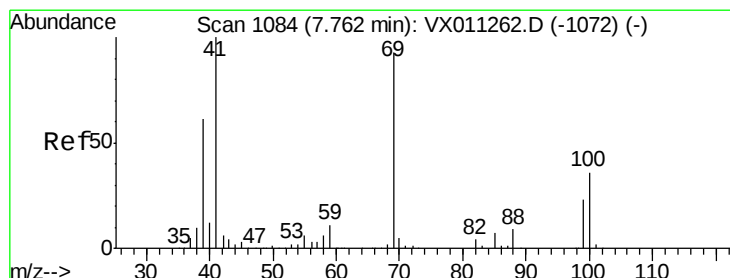
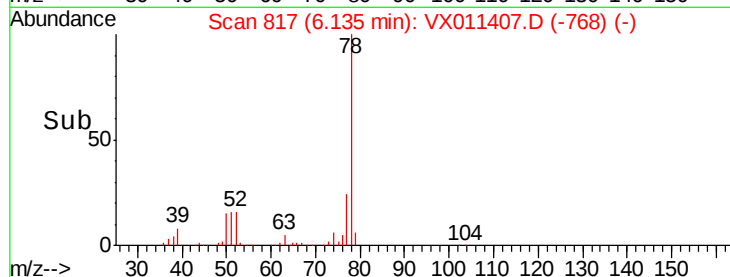
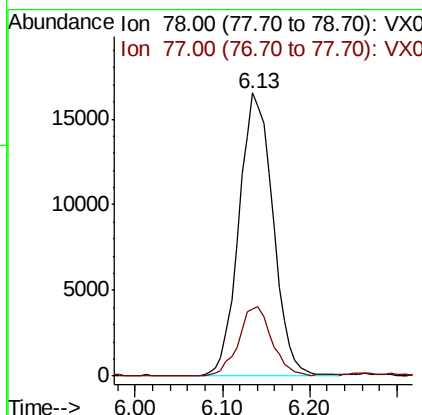
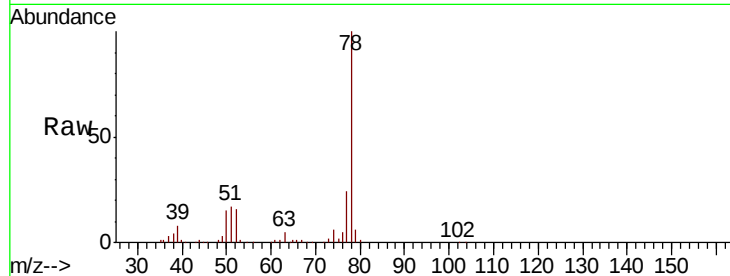




#40
Benzene
Concen: 5.682 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

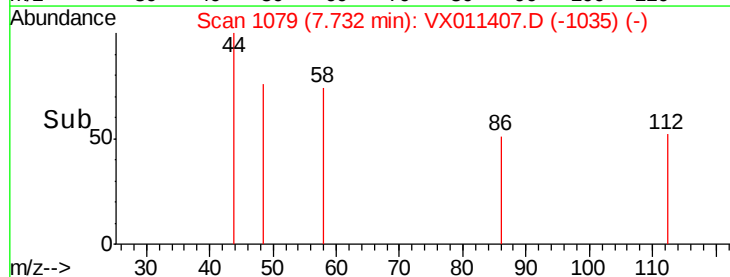
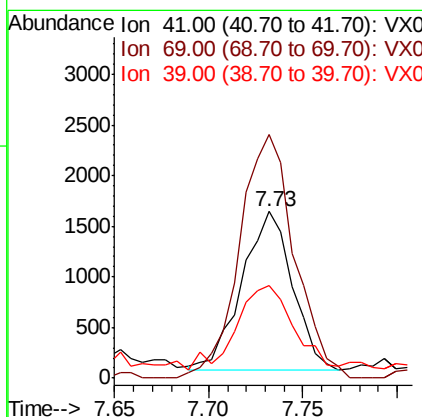
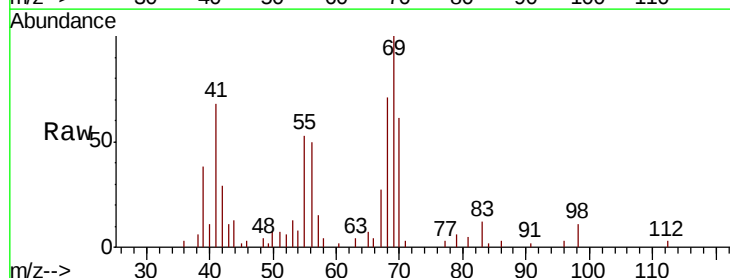
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

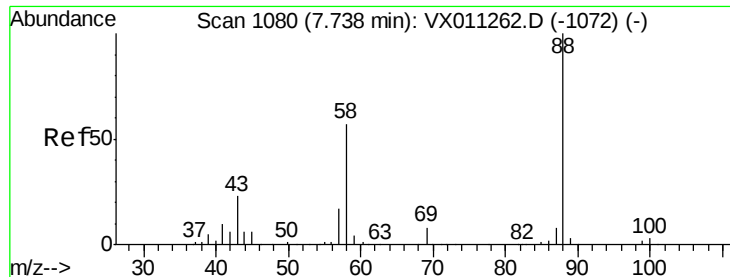
Tgt Ion: 78 Resp: 44827
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2



#48
Methyl methacrylate
Concen: 1.453 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 41 Resp: 2899
Ion Ratio Lower Upper
41 100
69 167.7 74.5 111.7#
39 59.8 48.6 72.8

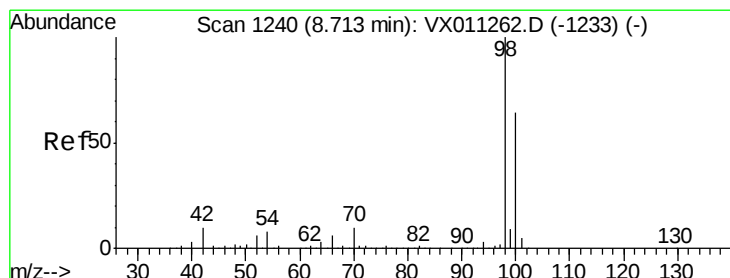
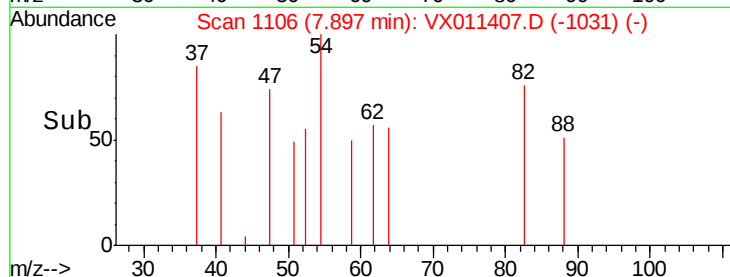
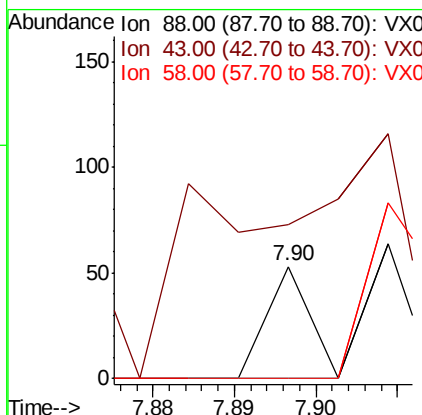
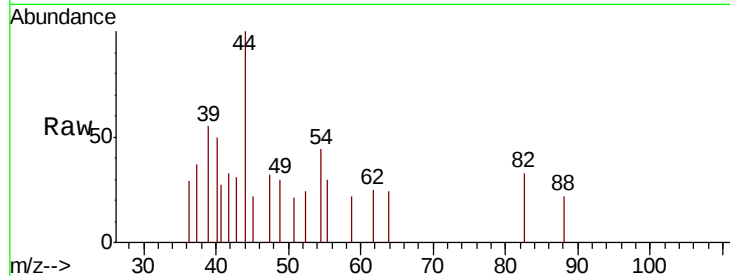




#49
1,4-Dioxane
Concen: 0.328 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.16 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

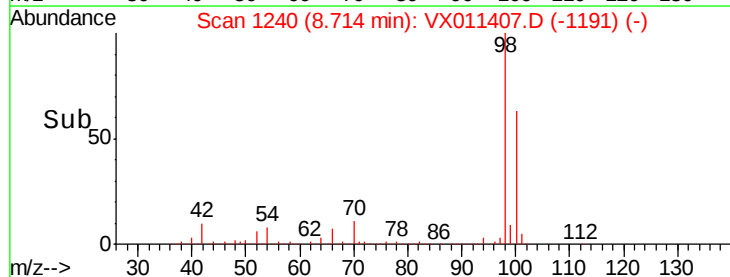
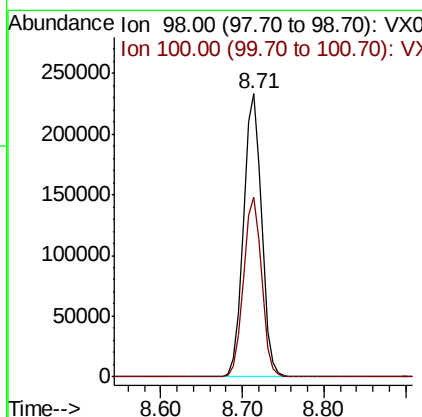
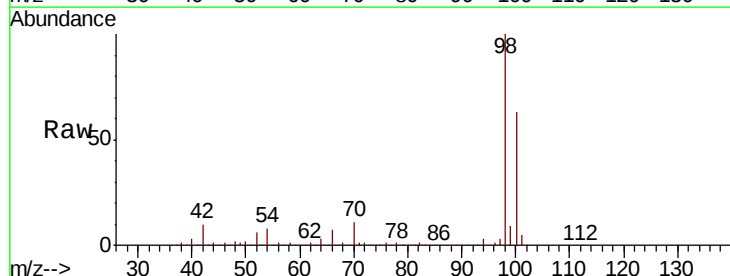
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

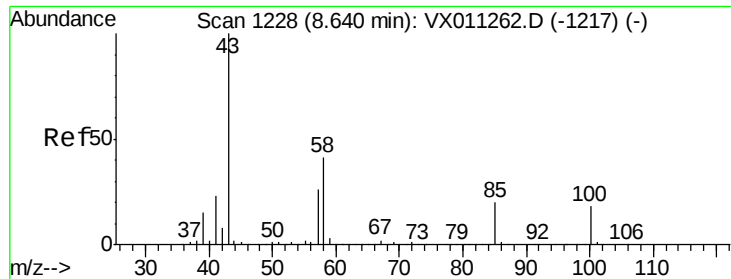
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 836.8 22.2 33.2#
58 368.4 47.8 71.8#



#50
Toluene-d8
Concen: 47.562 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 98 Resp: 354922
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

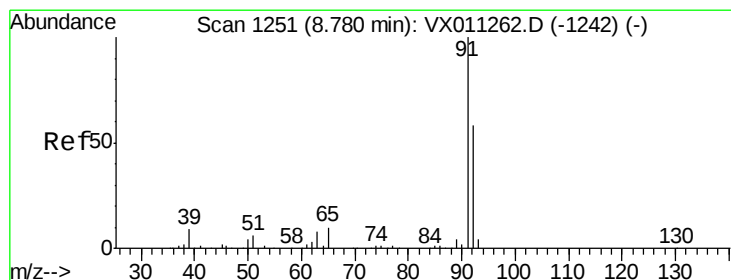
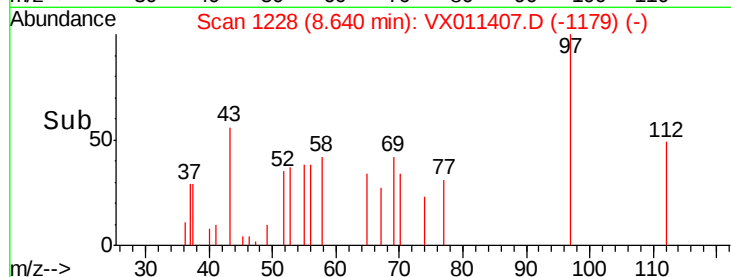
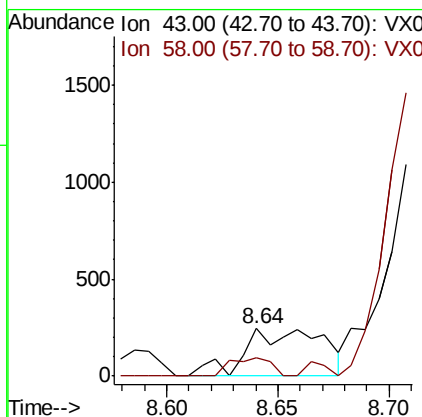
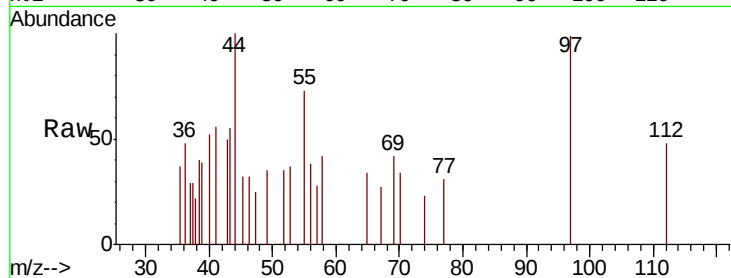




#51
 4-Methyl-2-Pentanone
 Concen: 0.218 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

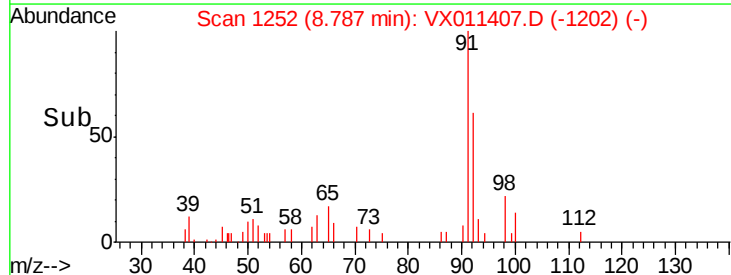
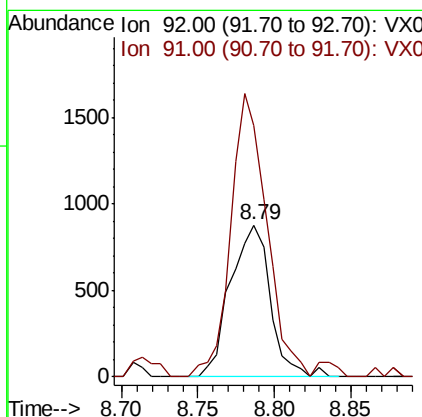
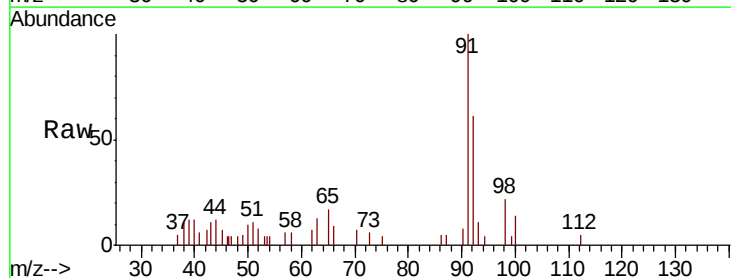
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

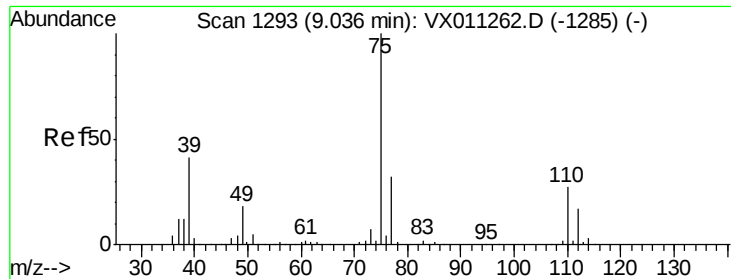
Tgt Ion: 43 Resp: 596
 Ion Ratio Lower Upper
 43 100
 58 20.1 32.3 48.5#



#52
 Toluene
 Concen: 0.304 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Tgt Ion: 92 Resp: 1588
 Ion Ratio Lower Upper
 92 100
 91 167.7 139.4 209.0

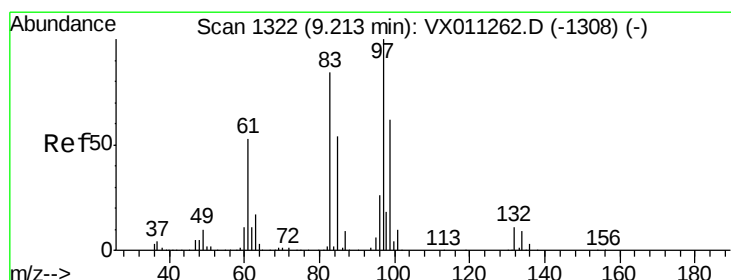
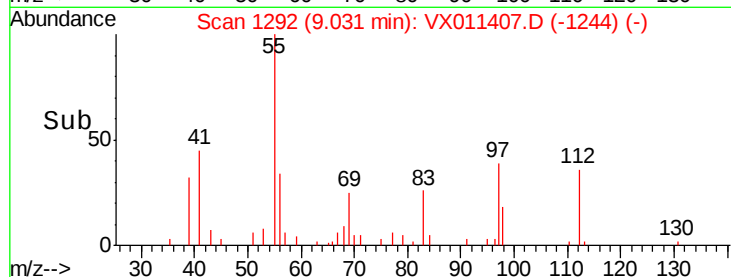
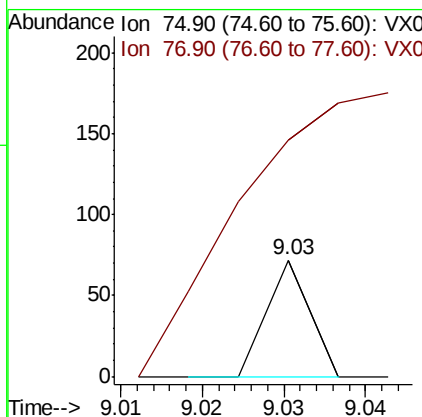
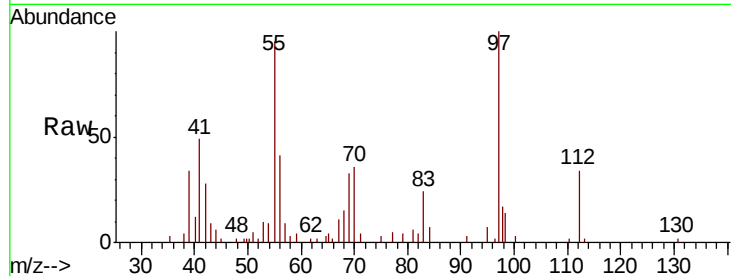




#53
t-1,3-Dichloropropene
Concen: 2.847 ug/l
RT: 9.03 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

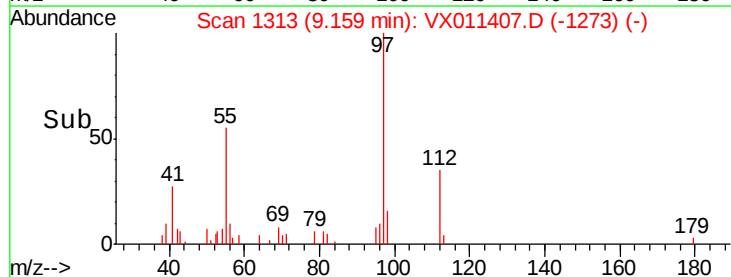
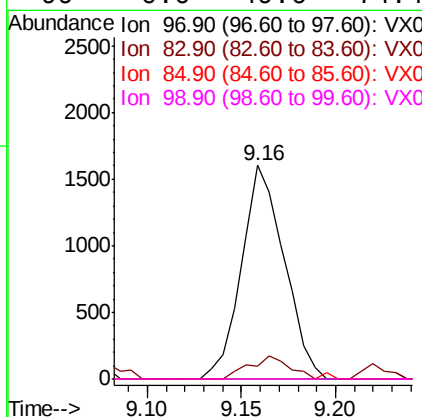
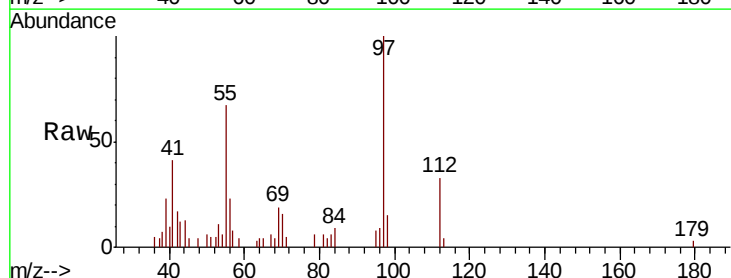
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

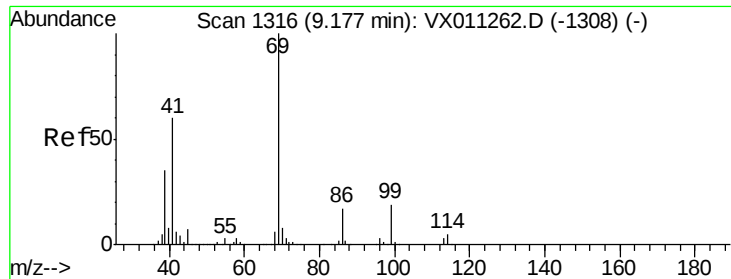
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 129.2 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 1.174 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.05 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 97 Resp: 2517
Ion Ratio Lower Upper
97 100
83 5.7 67.6 101.4#
85 0.0 43.4 65.0#
99 0.0 49.6 74.4#

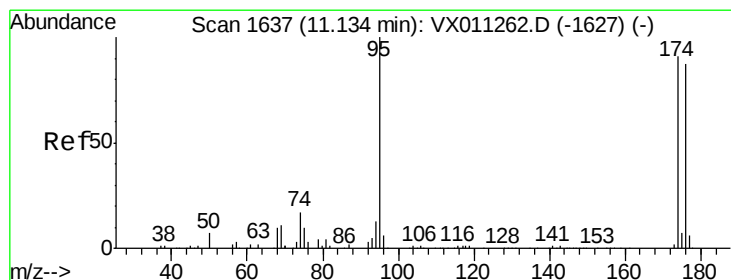
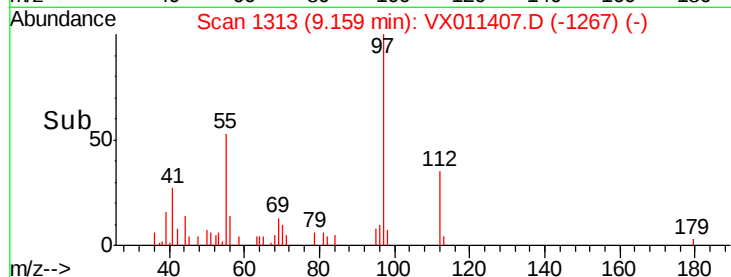
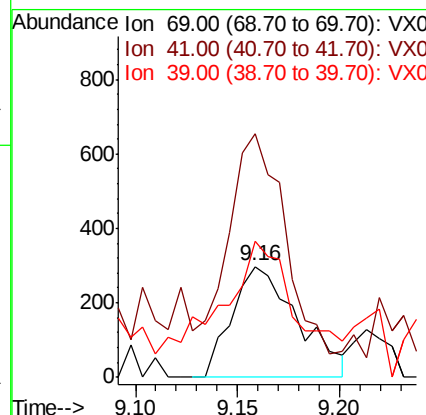
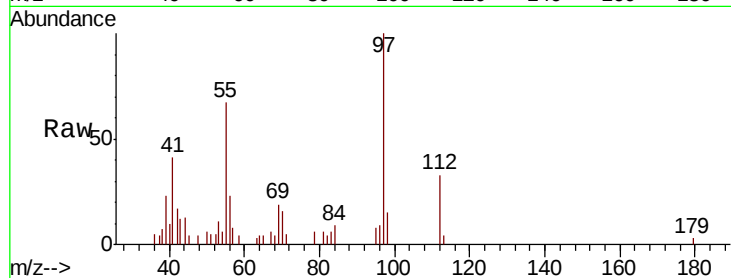




#56
Ethyl methacrylate
Concen: 0.219 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

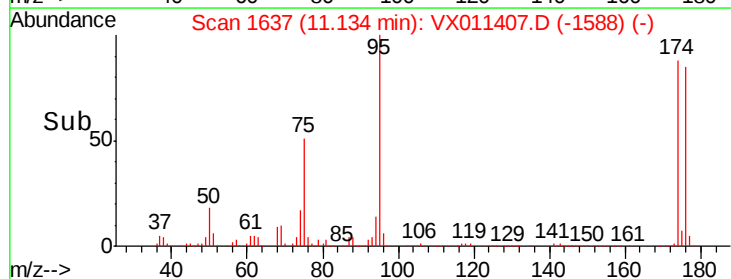
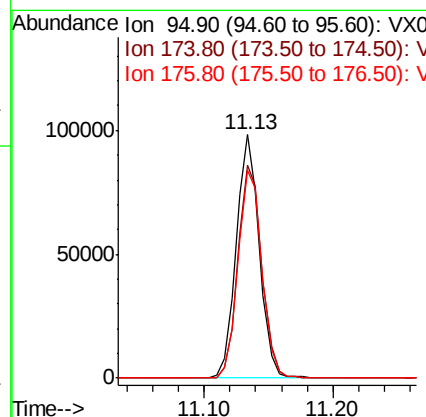
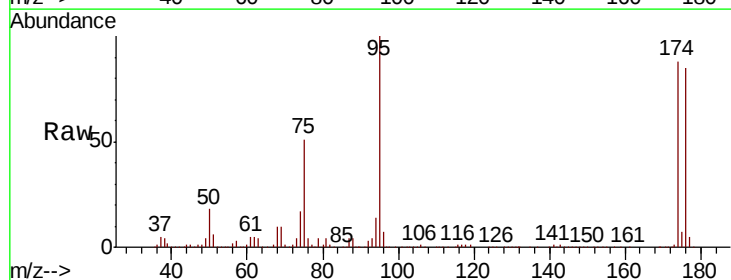
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

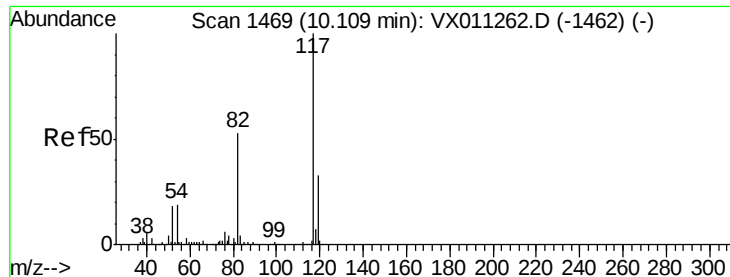
Tgt Ion: 69 Resp: 668
Ion Ratio Lower Upper
69 100
41 161.2 48.6 73.0#
39 100.6 29.4 44.2#



#62
4-Bromofluorobenzene
Concen: 46.172 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 95 Resp: 123013
Ion Ratio Lower Upper
95 100
174 90.3 0.0 191.2
176 88.1 0.0 184.8

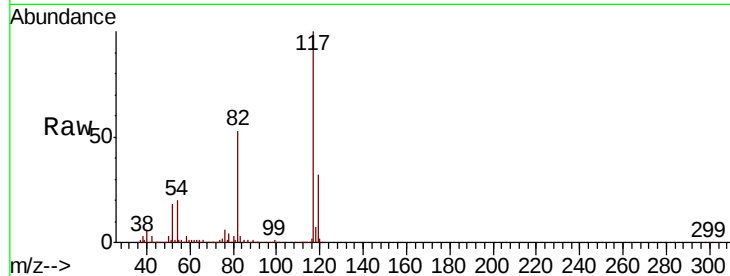




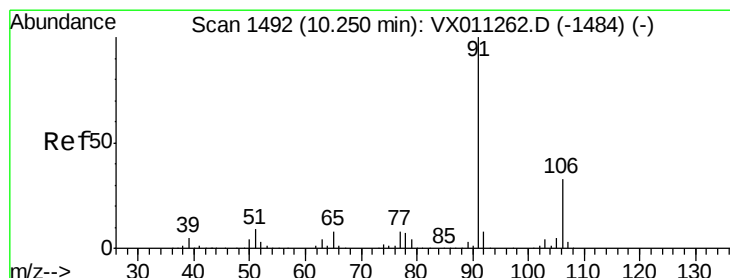
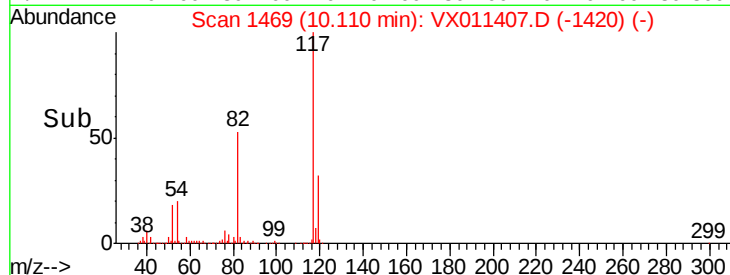
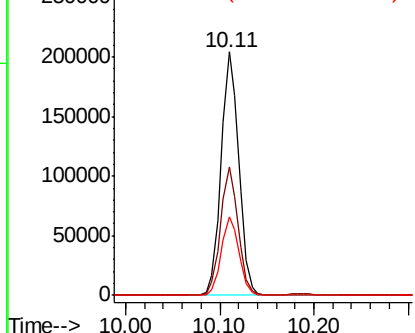
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Tgt Ion: 117 Resp: 266280
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.3 26.6 39.8

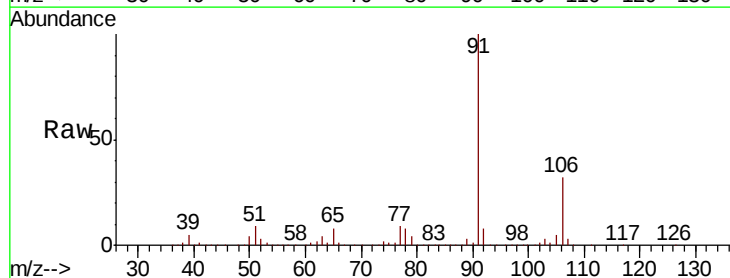


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

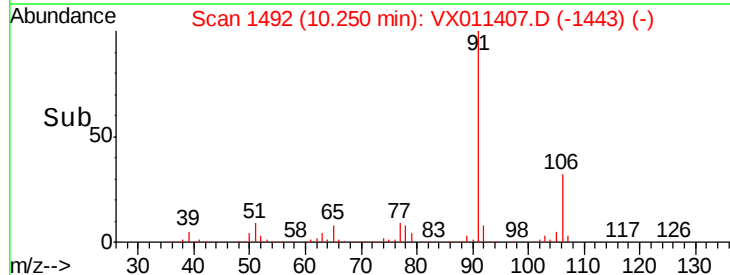
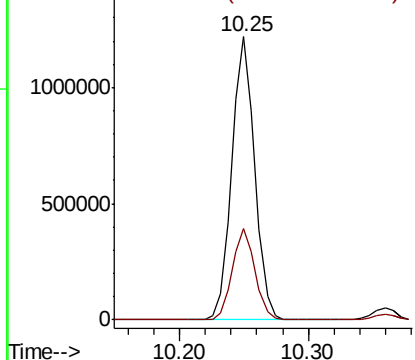


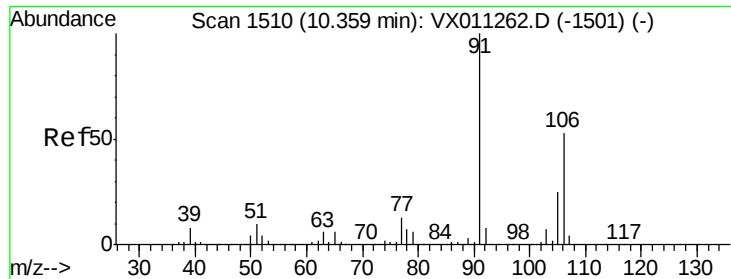
#67
Ethyl Benzene
Concen: 158.103 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 91 Resp: 1511744
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.4



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

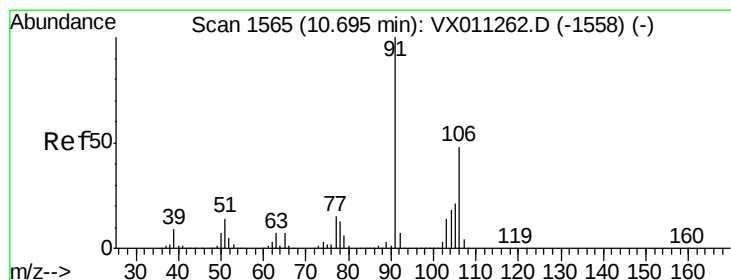
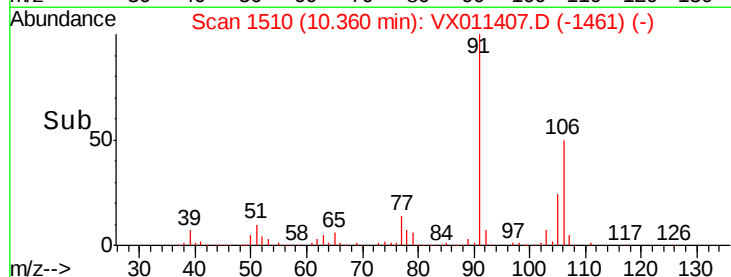
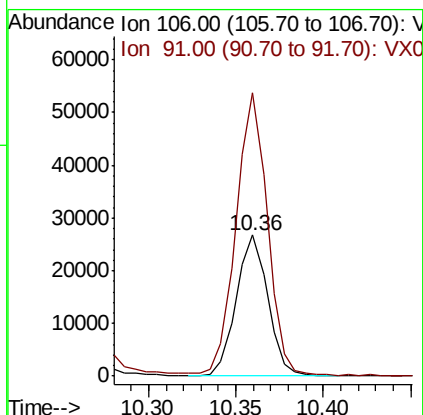
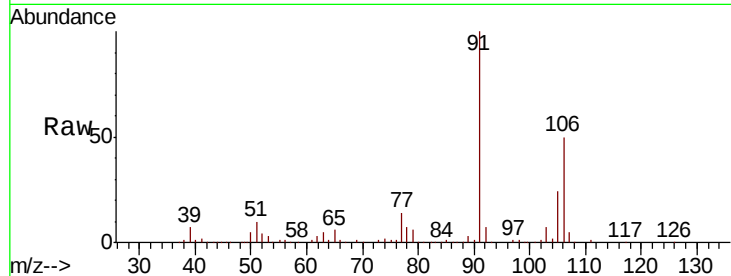




#68
m/p-Xylenes
Concen: 9.079 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

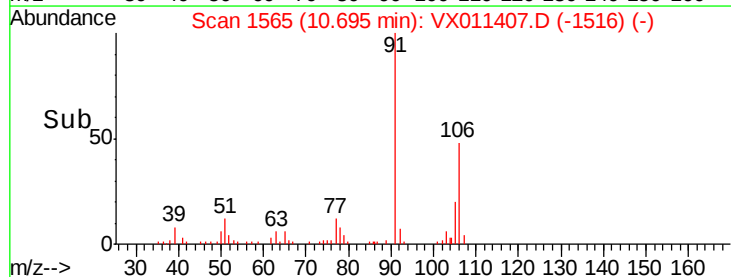
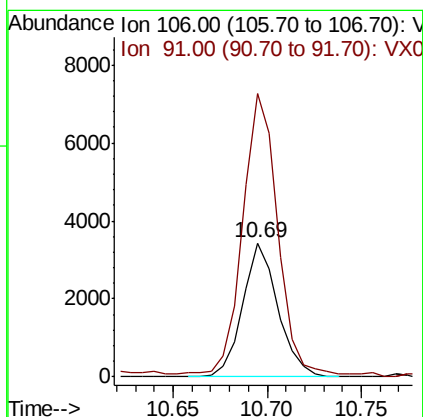
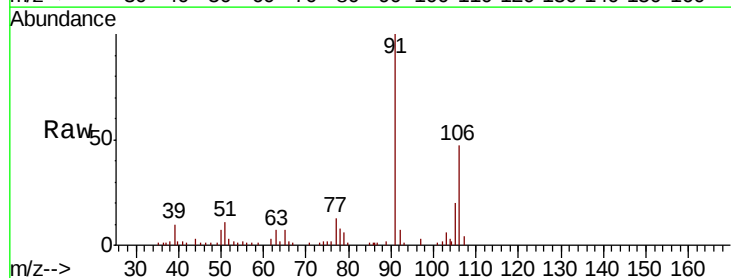
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

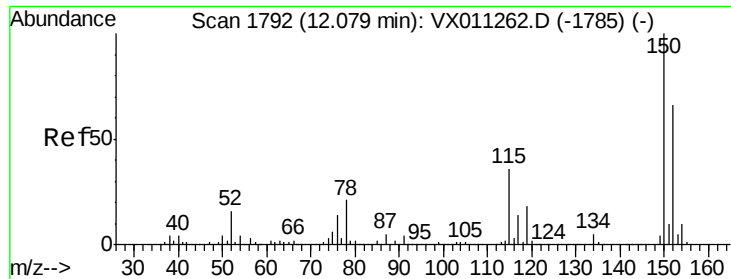
Tgt Ion:106 Resp: 33577
Ion Ratio Lower Upper
106 100
91 198.6 155.9 233.9



#69
o-Xylene
Concen: 1.232 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion:106 Resp: 4476
Ion Ratio Lower Upper
106 100
91 203.5 103.8 311.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

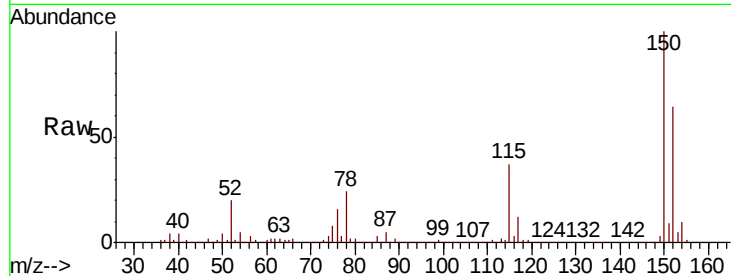
Tgt Ion:152 Resp: 135086

Ion Ratio Lower Upper

152 100

115 57.0 40.0 119.9

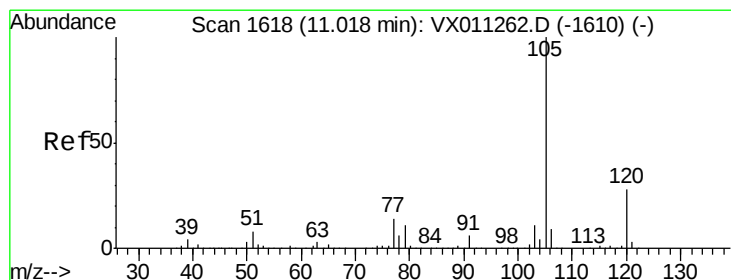
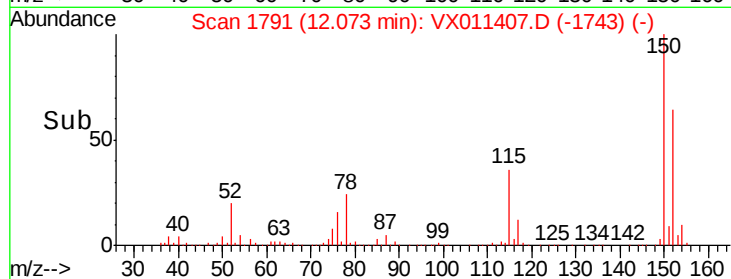
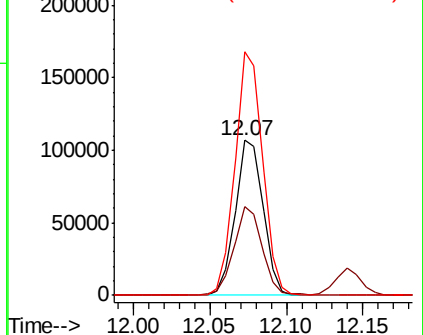
150 156.1 0.0 350.4



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: 16.638 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011407.D

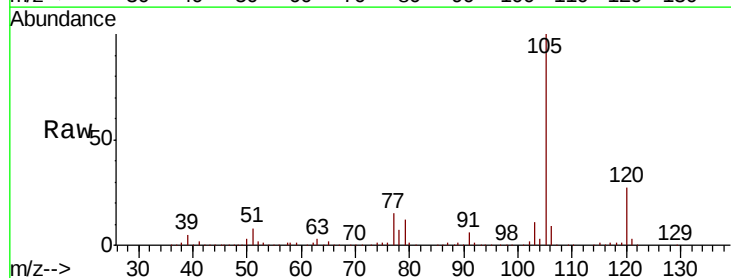
Acq: 09 Aug 2019 14:08

Tgt Ion:105 Resp: 153714

Ion Ratio Lower Upper

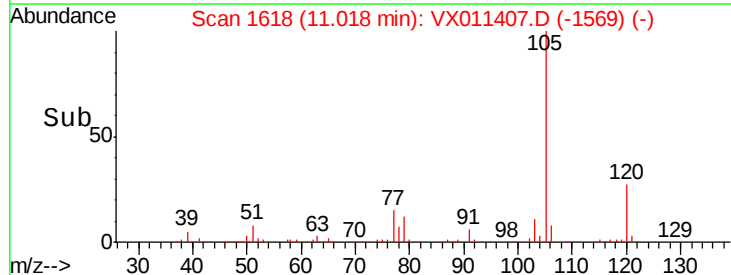
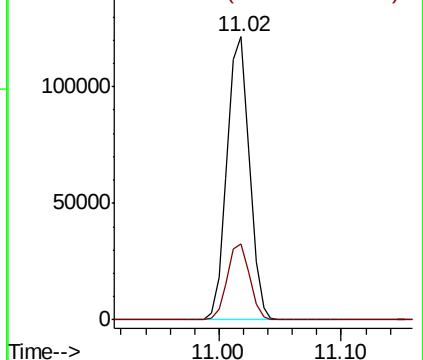
105 100

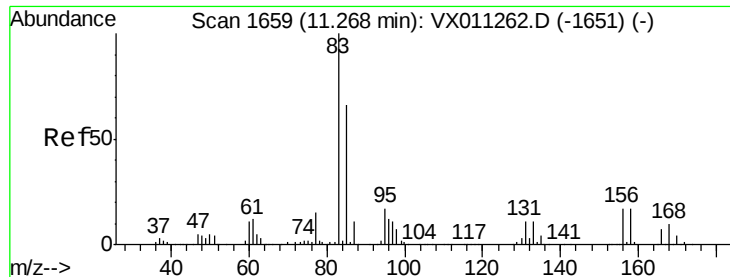
120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

Z3-0668

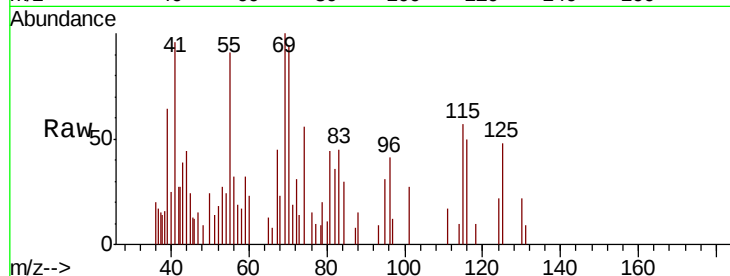
Tgt Ion: 83 Resp: 706

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

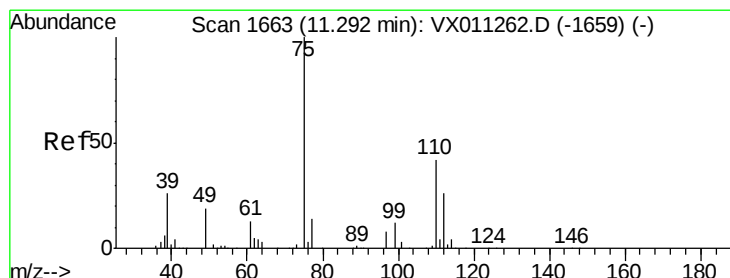
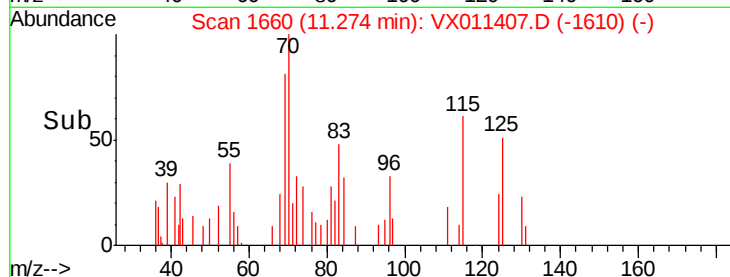
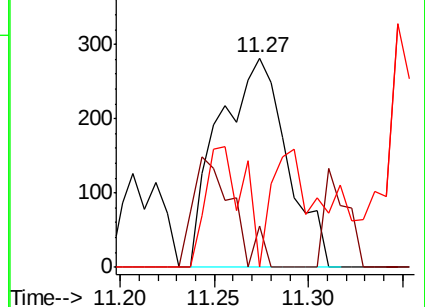
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.416 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011407.D

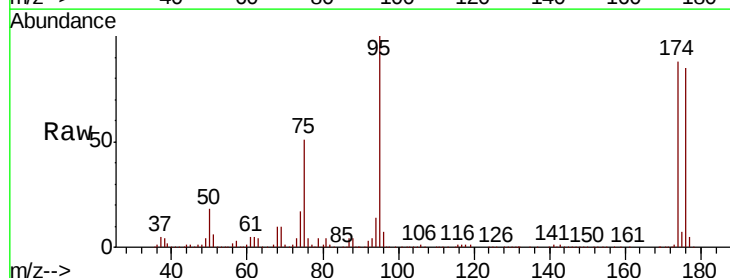
Acq: 09 Aug 2019 14:08

Tgt Ion: 75 Resp: 62525

Ion Ratio Lower Upper

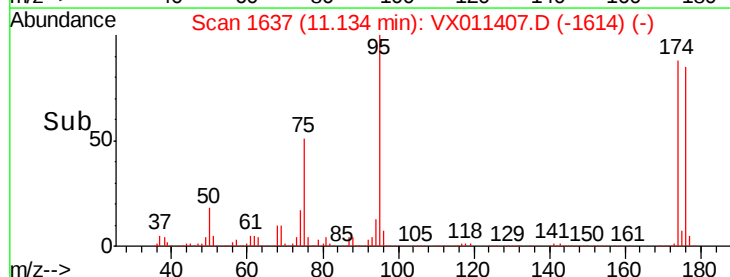
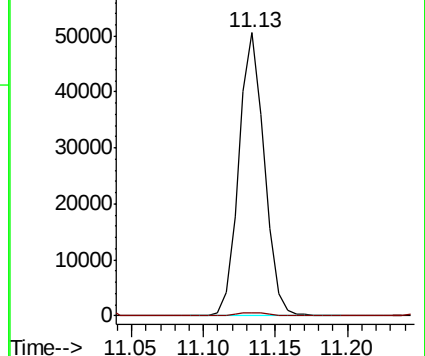
75 100

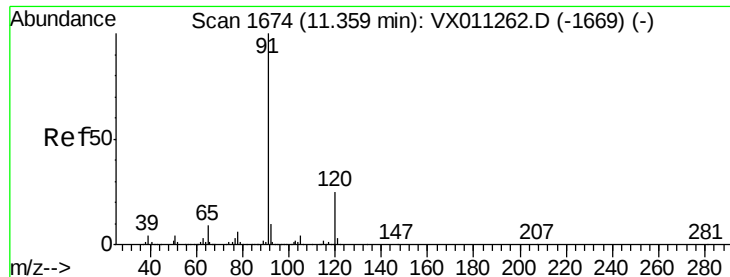
77 1.5 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

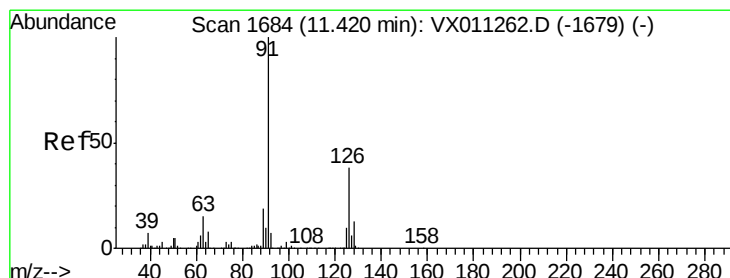
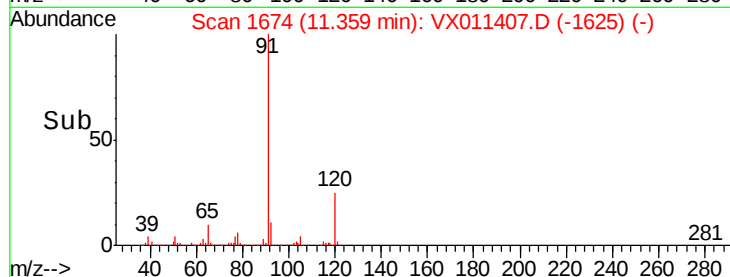
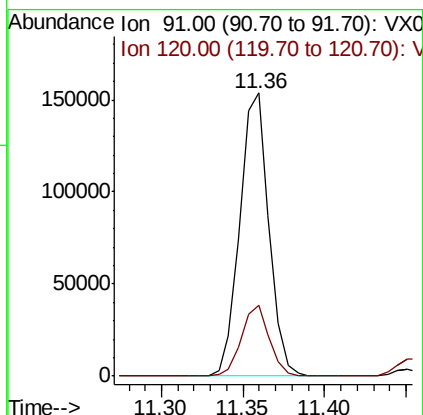
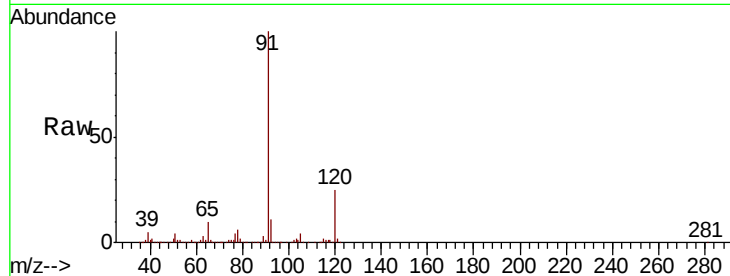




#78
n-propylbenzene
Concen: 18.573 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

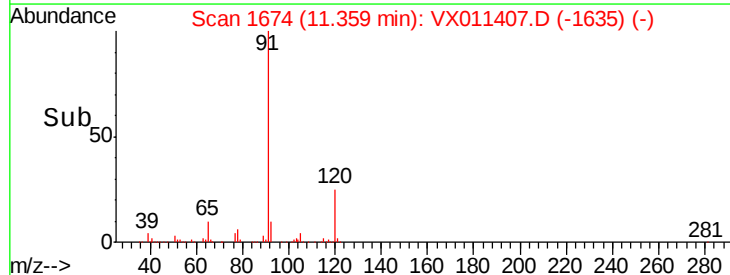
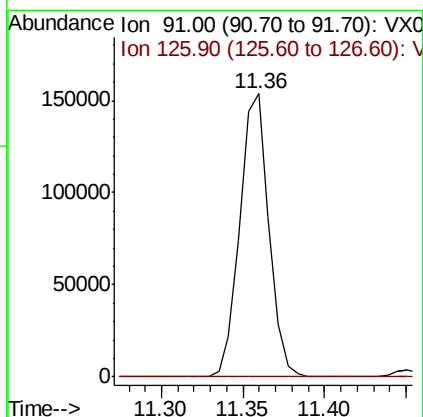
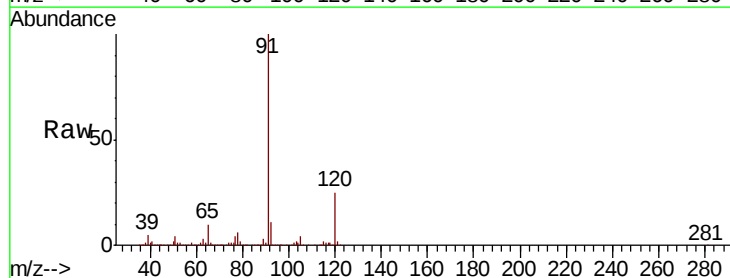
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

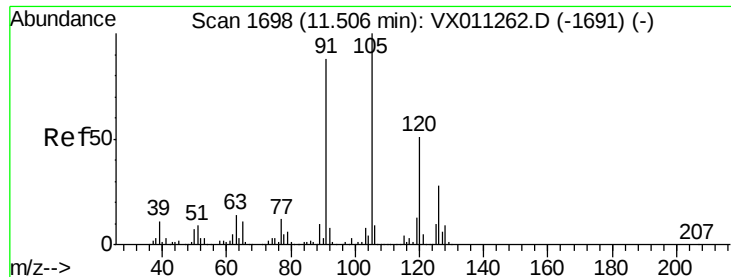
Tgt Ion: 91 Resp: 190829
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.0



#79
2-Chlorotoluene
Concen: 31.162 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX011407.D
Acq: 09 Aug 2019 14:08

Tgt Ion: 91 Resp: 190829
Ion Ratio Lower Upper
91 100
126 0.0 18.5 55.5#

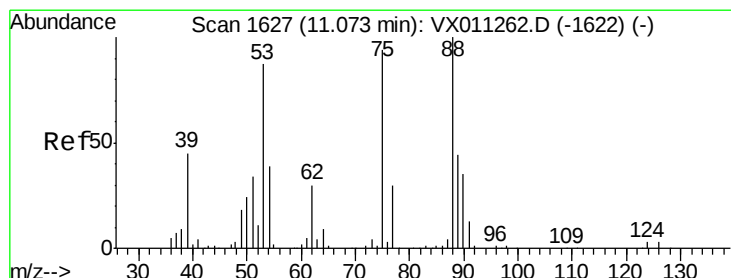
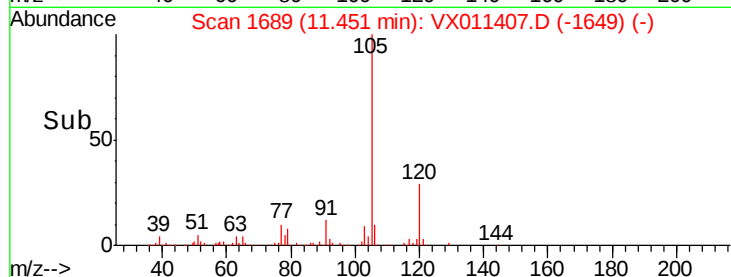
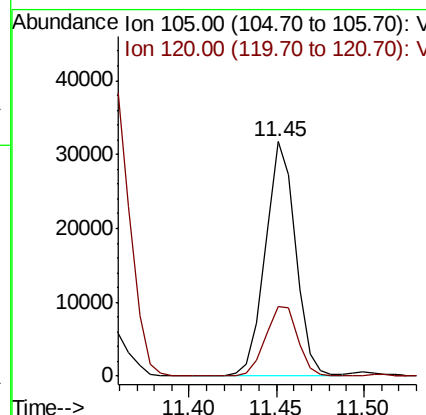
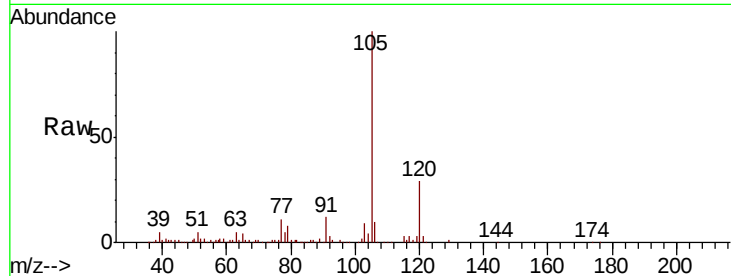




#80
 1,3,5-Trimethylbenzene
 Concen: 4.944 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

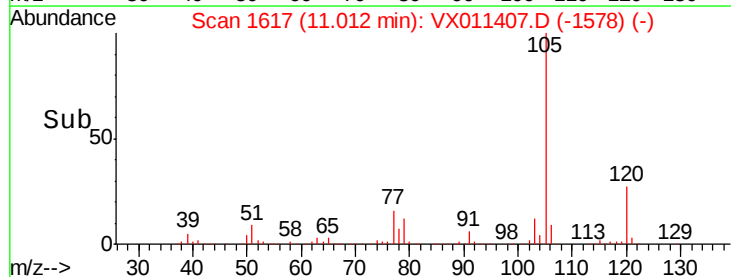
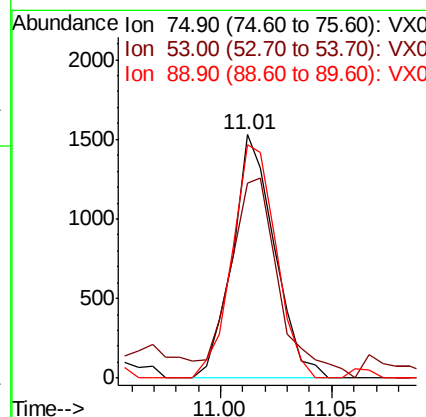
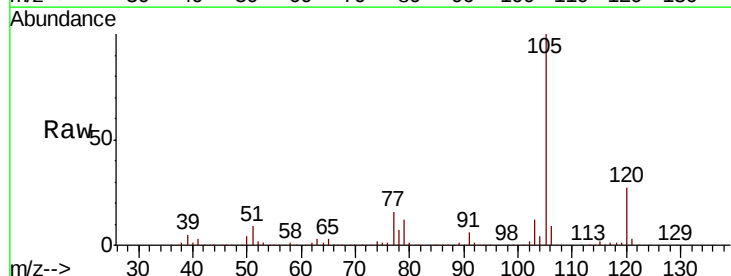
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

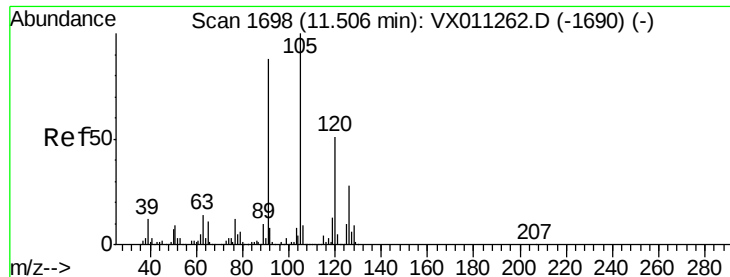
Tgt Ion: 105 Resp: 38234
 Ion Ratio Lower Upper
 105 100
 120 31.4 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.510 ug/l
 RT: 11.01 min Scan# 1617
 Delta R.T. -0.06 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Tgt Ion: 75 Resp: 2008
 Ion Ratio Lower Upper
 75 100
 53 95.0 78.2 117.4
 89 99.9 37.9 56.9#





#82

4-Chlorotoluene

Concen: 26.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

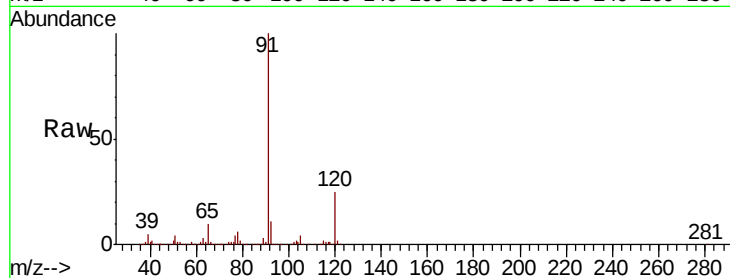
Z3-0668

Tgt Ion: 91 Resp: 190829

Ion Ratio Lower Upper

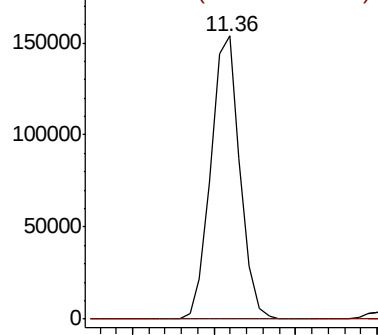
91 100

126 0.0 16.4 49.2#

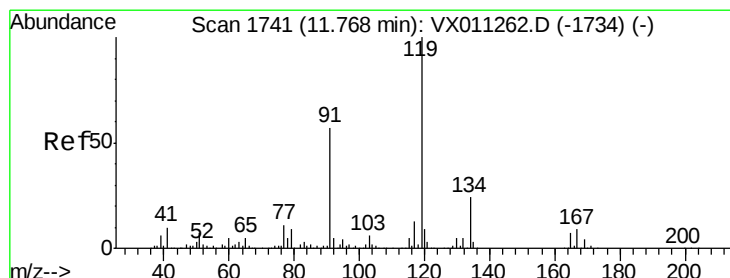
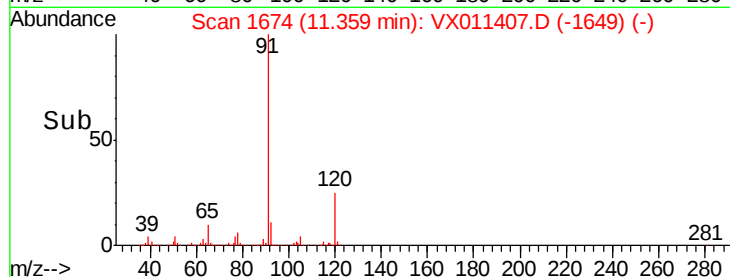


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#83

tert-Butylbenzene

Concen: 17.949 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

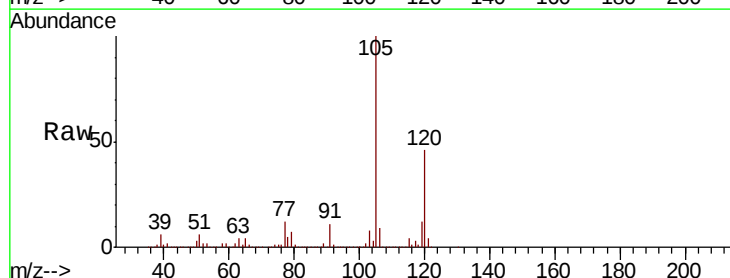
Tgt Ion: 119 Resp: 136149

Ion Ratio Lower Upper

119 100

91 84.7 28.0 84.0#

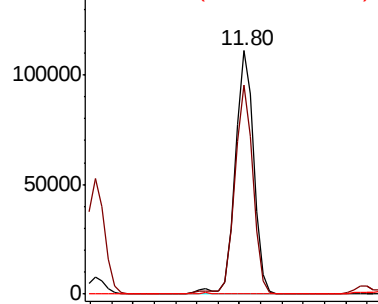
134 0.0 11.9 35.5#



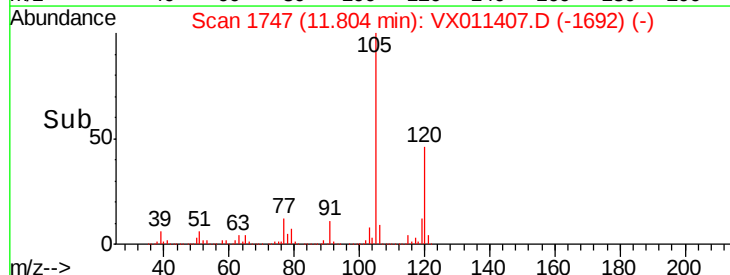
Abundance Ion 119.00 (118.70 to 119.70): V

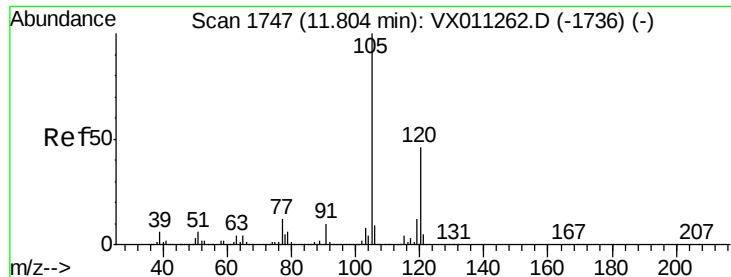
Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



Time-->





#84

1,2,4-Trimethylbenzene

Concen: 138.583 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

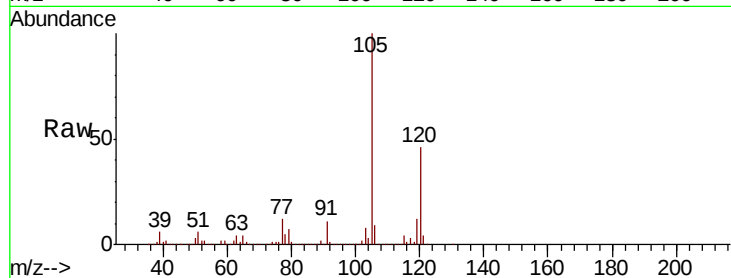
Z3-0668

Tgt Ion:105 Resp: 1067105

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

800000

600000

400000

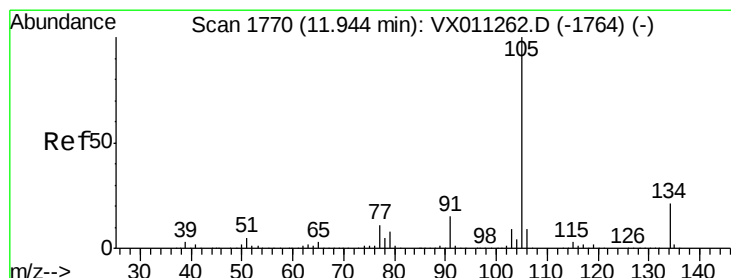
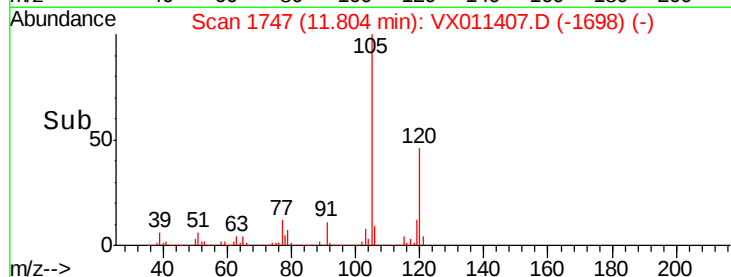
200000

0

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 117.092 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011407.D

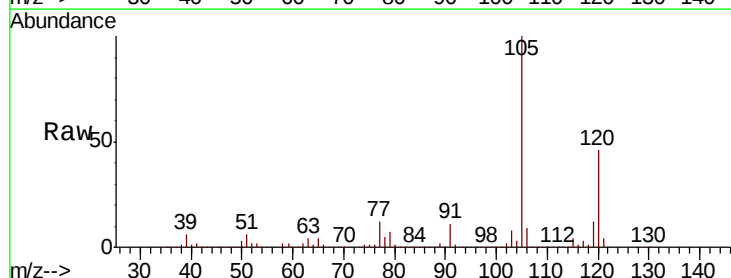
Acq: 09 Aug 2019 14:08

Tgt Ion:105 Resp: 1067105

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

800000

600000

400000

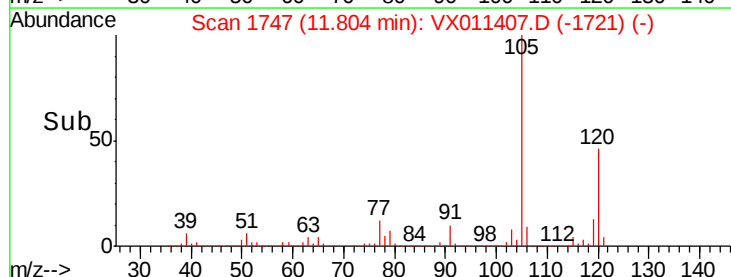
200000

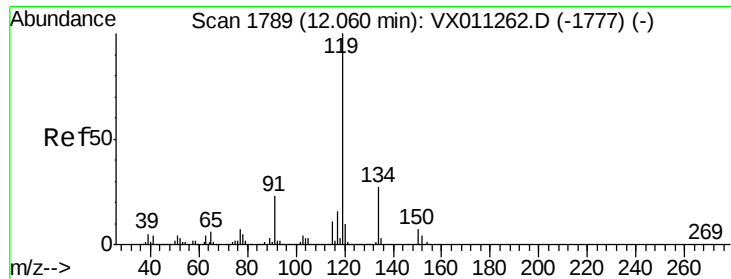
0

11.80

11.90

Time-->





#86

p-Isopropyltoluene

Concen: 0.693 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

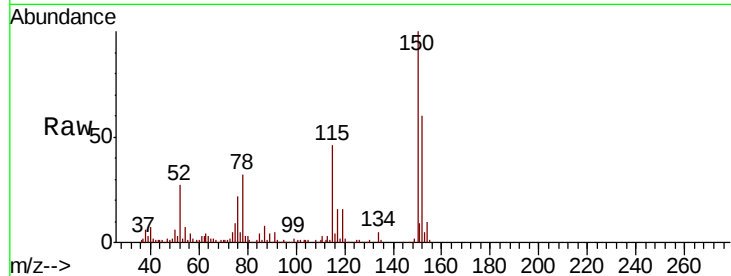
Tgt Ion: 119 Resp: 5812

Ion Ratio Lower Upper

119 100

134 28.3 13.7 41.0

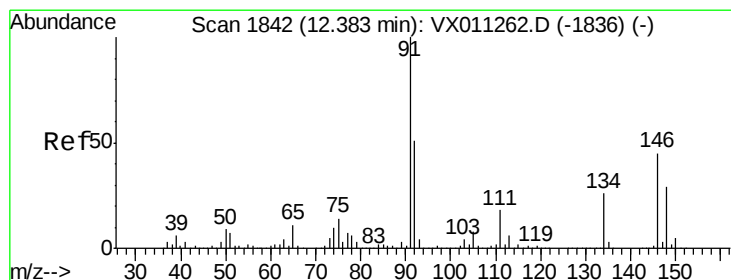
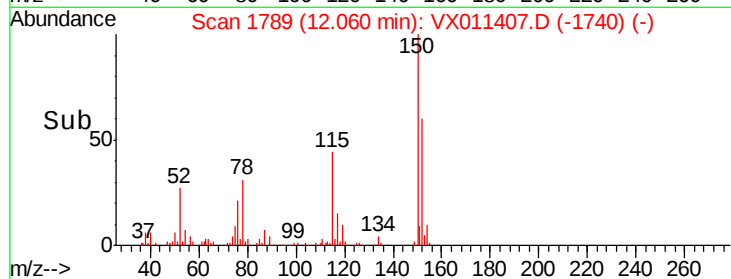
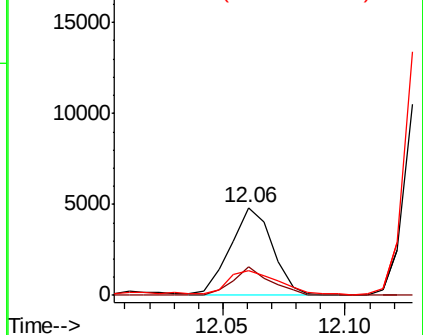
91 0.0 11.4 34.2#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 1.116 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

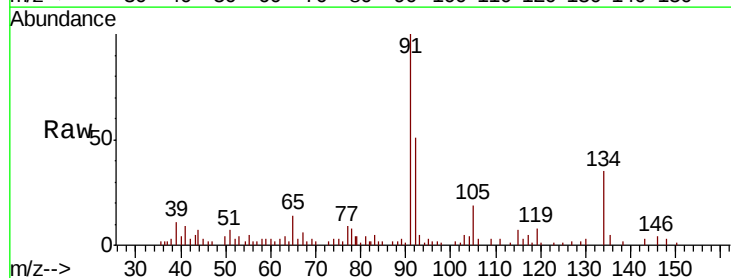
Tgt Ion: 91 Resp: 8061

Ion Ratio Lower Upper

91 100

92 43.9 25.8 77.3

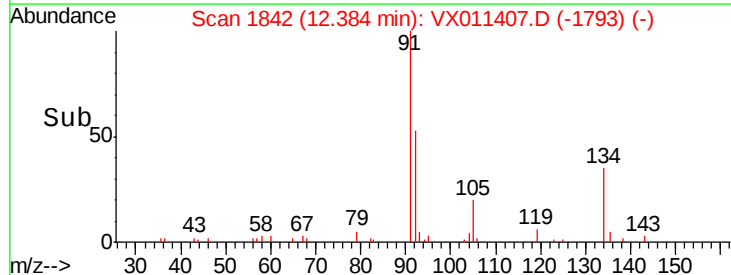
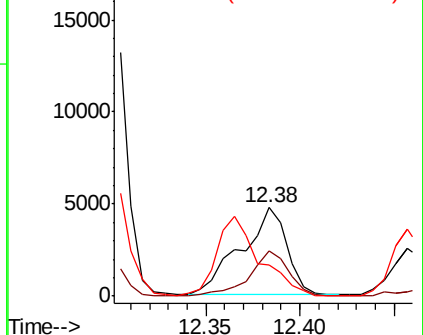
134 84.5 13.7 41.0#

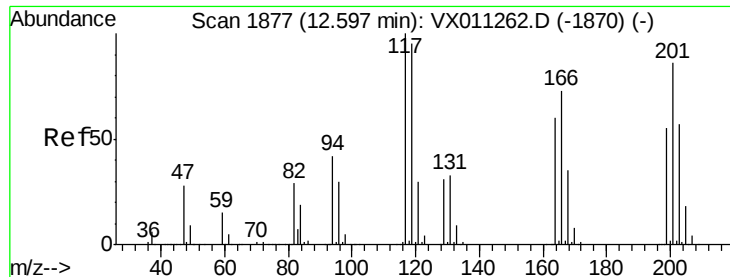


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.735 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

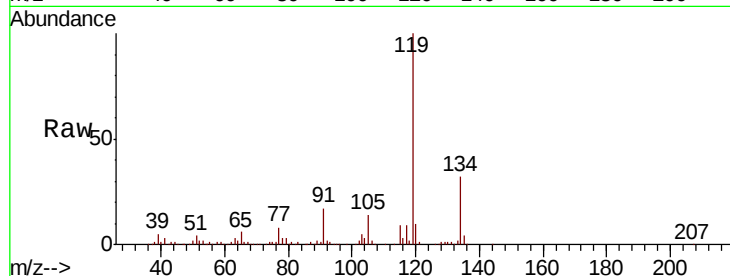
Z3-0668

Tgt Ion:117 Resp: 4630

Ion Ratio Lower Upper

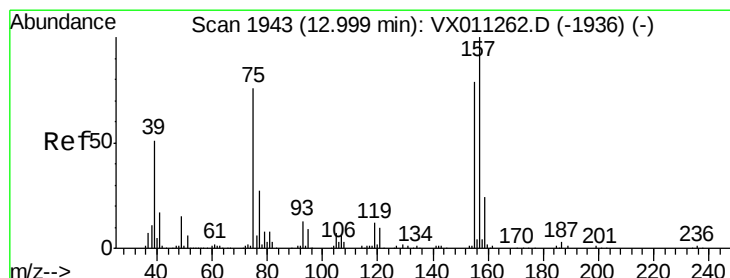
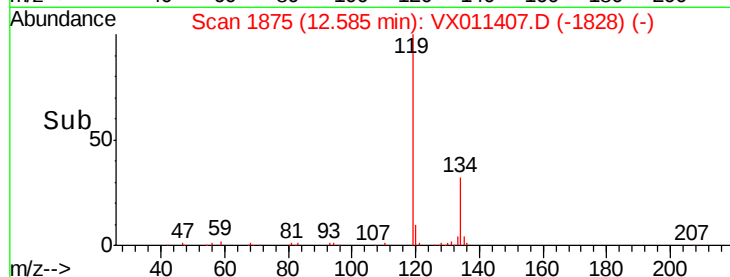
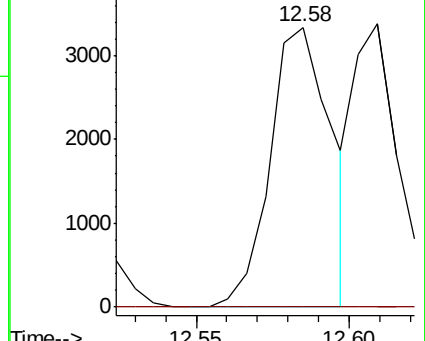
117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.949 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011407.D

Acq: 09 Aug 2019 14:08

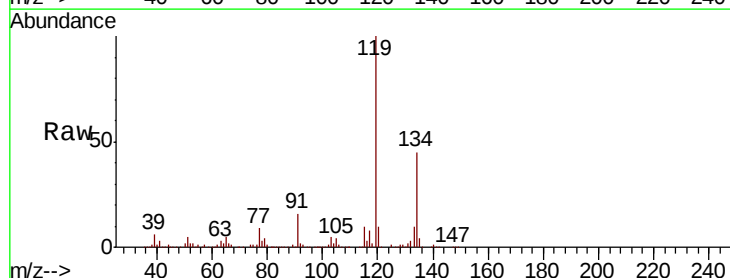
Tgt Ion: 75 Resp: 566

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.8#

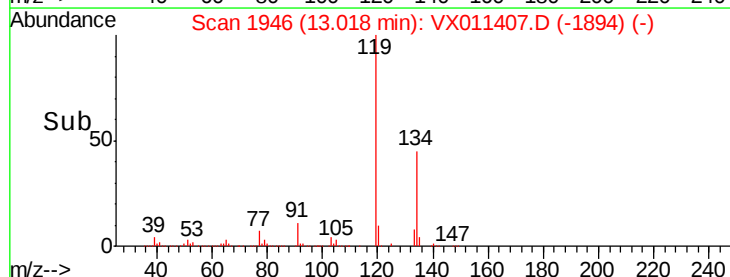
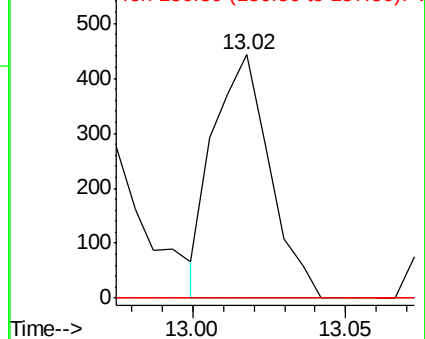
157 0.0 64.3 192.7#

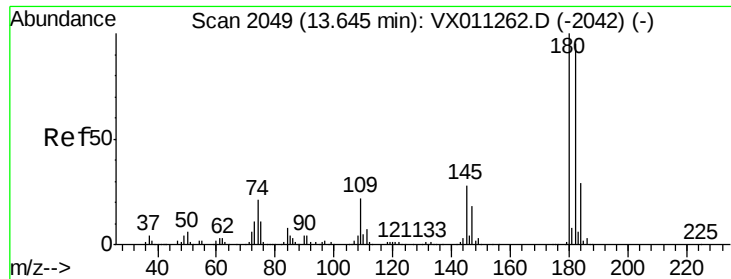


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

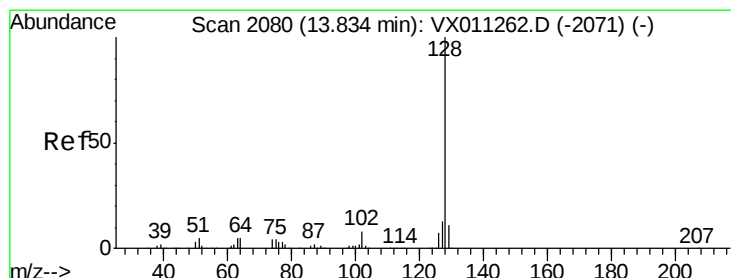
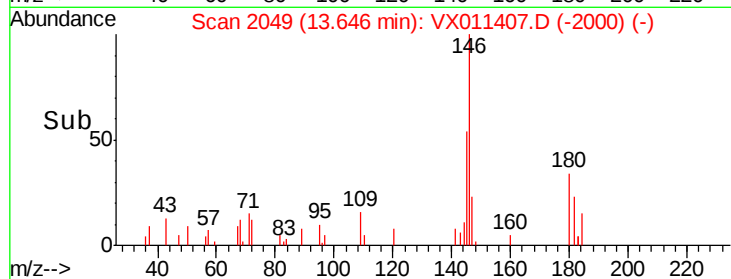
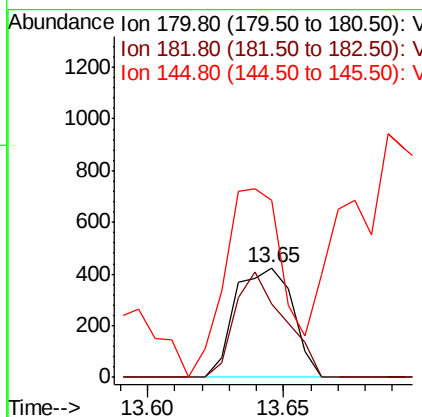
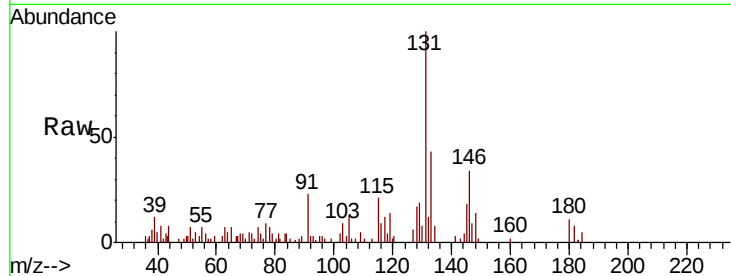




#93
 1,2,4-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0668

Tgt Ion:180 Resp: 622
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.8 143.4
 145 177.5 14.8 44.3#



#95
 Naphthalene
 Concen: 59.561 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX011407.D
 Acq: 09 Aug 2019 14:08

Tgt Ion:128 Resp: 525377
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.0 8.9 13.3

