

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
 Data File : VX011534.D
 Acq On : 13 Aug 2019 14:30
 Operator : JC/SP
 Sample : K4279-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

Quant Time: Aug 14 01:06:52 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	198366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109030	54.58	ug/l	0.00
Spiked Amount						
			Recovery	=	109.16%	
35) Dibromofluoromethane	5.49	113	87159	45.16	ug/l	0.00
Spiked Amount						
			Recovery	=	90.32%	
50) Toluene-d8	8.71	98	352161	48.34	ug/l	0.00
Spiked Amount						
			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	127520	49.03	ug/l	0.00
Spiked Amount						
			Recovery	=	98.06%	

Target Compounds

					Qvalue
5) Bromomethane	1.63	94	958	0.710 ug/l	83
6) Chloroethane	1.66	64	50	Below Cal	# 43
11) Tert butyl alcohol	3.06	59	123	0.332 ug/l	# 72
13) Acrolein	2.31	56	97	Below Cal	# 46
15) Acrylonitrile	3.15	53	1794	1.887 ug/l	# 46
16) Acetone	2.45	43	1007	1.059 ug/l	# 84
18) Methyl Acetate	2.83	43	8475	3.900 ug/l	# 49
25) 2-Butanone	4.67	43	305	0.225 ug/l	# 46
26) 2,2-Dichloropropane	4.40	77	1146	0.473 ug/l	# 49
31) Cyclohexane	5.57	56	75829	29.476 ug/l	# 98
36) 1,1-Dichloropropene	5.65	75	13776	5.338 ug/l	# 48
38) Carbon Tetrachloride	5.65	117	19377	7.463 ug/l	# 14
39) Methylcyclohexane	7.46	83	66068	21.598 ug/l	# 95
40) Benzene	6.13	78	172151	22.354 ug/l	# 98
43) Isopropyl Acetate	6.44	43	1412	0.341 ug/l	# 59
48) Methyl methacrylate	7.73	41	3453	1.773 ug/l	# 70
51) 4-Methyl-2-Pentanone	8.66	43	826	0.309 ug/l	# 35
53) t-1,3-Dichloropropene	9.03	75	38	2.851 ug/l	# 1
55) 1,1,2-Trichloroethane	9.16	97	3062	1.463 ug/l	# 19
56) Ethyl methacrylate	9.16	69	792	0.265 ug/l	# 1
67) Ethyl Benzene	10.25	91	433953	44.285 ug/l	# 96
68) m/p-Xylenes	10.36	106	60702	16.015 ug/l	# 98
69) o-Xylene	10.69	106	1426	0.383 ug/l	# 88
73) Isopropylbenzene	11.02	105	41760	4.371 ug/l	# 99
76) 1,2,3-Trichloropropane	11.13	75	65226	25.642 ug/l	# 35
78) n-propylbenzene	11.36	91	57436	5.406 ug/l	# 98
79) 2-Chlorotoluene	11.45	91	8707	1.375 ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.51	105	43415	5.429 ug/l	# 97
81) trans-1,4-Dichloro-2-buten	11.13	75	65226	66.799 ug/l	# 10
82) 4-Chlorotoluene	11.51	91	4963	0.673 ug/l	# 42
83) tert-Butylbenzene	12.02	119	6135	0.782 ug/l	# 70
84) 1,2,4-Trimethylbenzene	11.80	105	328635	41.276 ug/l	# 99
85) sec-Butylbenzene	11.80	105	328610	34.873 ug/l	# 55
86) p-Isopropyltoluene	12.06	119	8782	1.013 ug/l	# 93

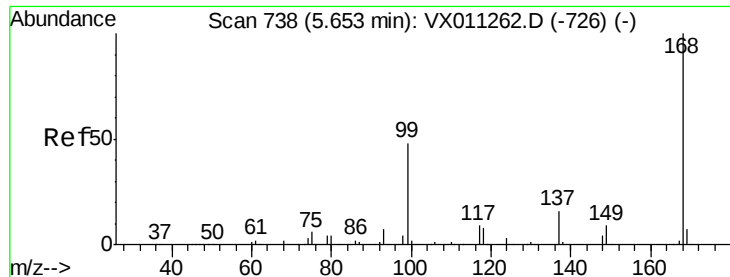
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011534.D
Acq On : 13 Aug 2019 14:30
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	9292	1.244	ug/l #	37
90) Hexachloroethane	12.58	117	2589	2.020	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.01	75	365	0.592	ug/l #	1
95) Naphthalene	13.83	128	58605	6.425	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

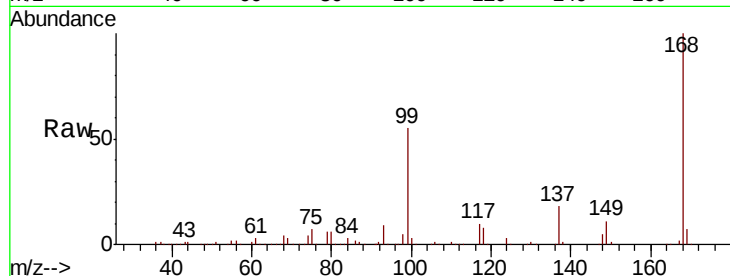
Z3-0672DL

Tgt Ion:168 Resp: 198366

Ion Ratio Lower Upper

168 100

99 55.2 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

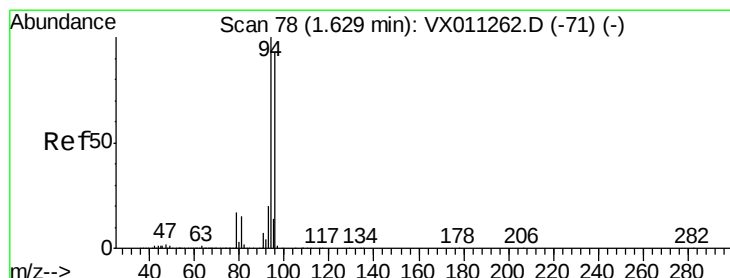
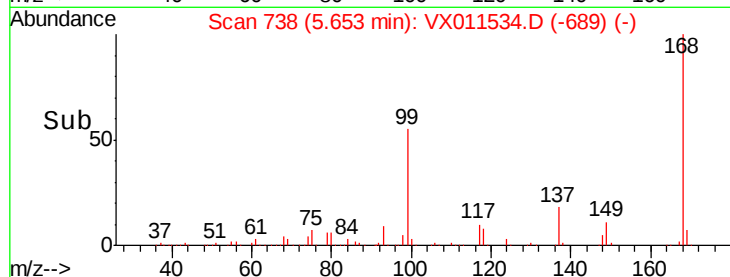
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.710 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011534.D

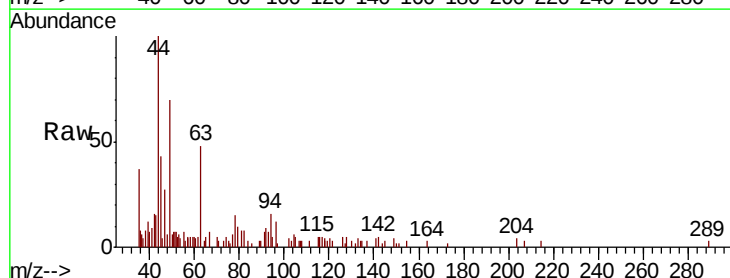
Acq: 13 Aug 2019 14:30

Tgt Ion: 94 Resp: 958

Ion Ratio Lower Upper

94 100

96 77.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

400

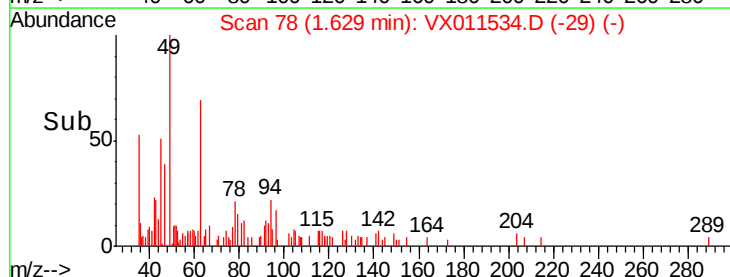
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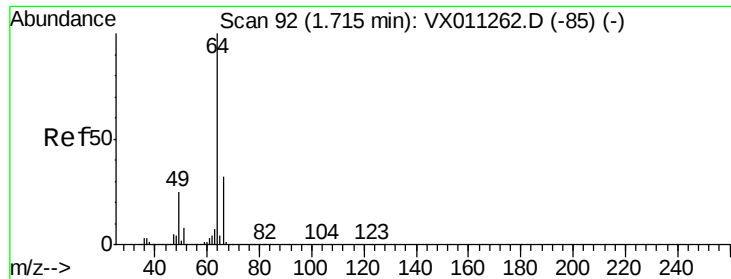
200

100

0

Time--> 1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. -0.05 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

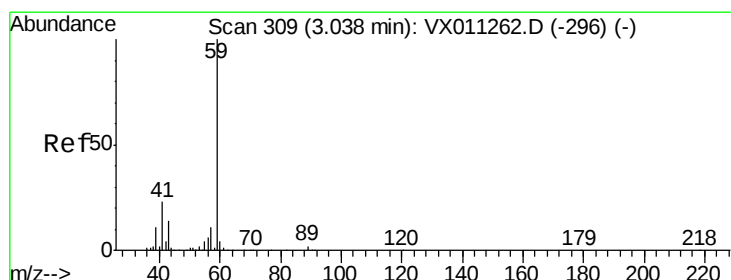
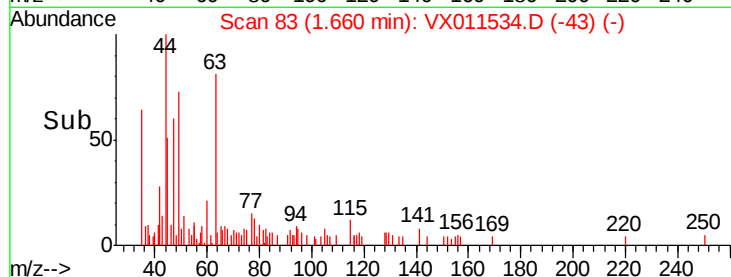
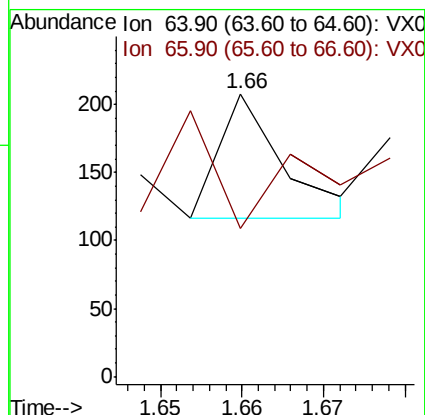
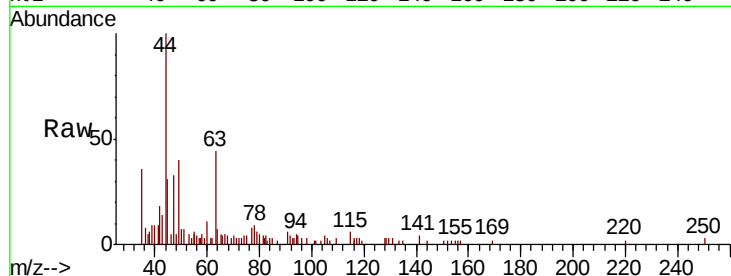
Z3-0672DL

Tgt Ion: 64 Resp: 50

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 3.06 min Scan# 312

Delta R.T. 0.02 min

Lab File: VX011534.D

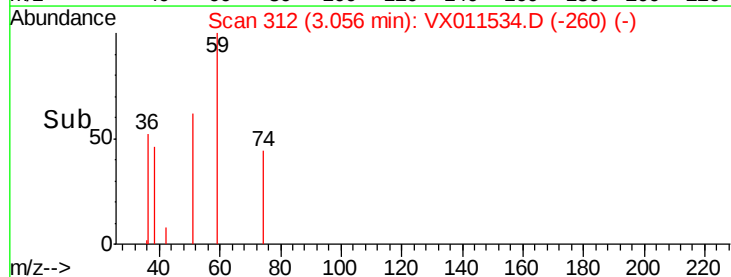
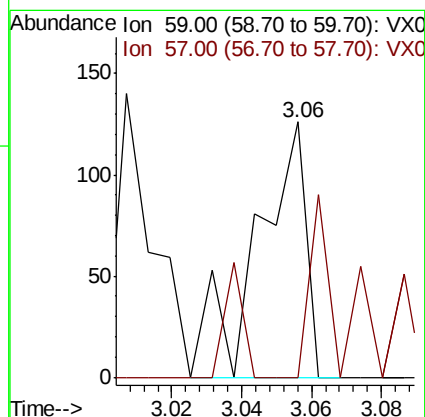
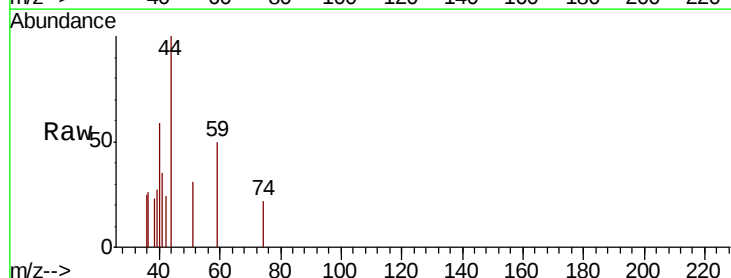
Acq: 13 Aug 2019 14:30

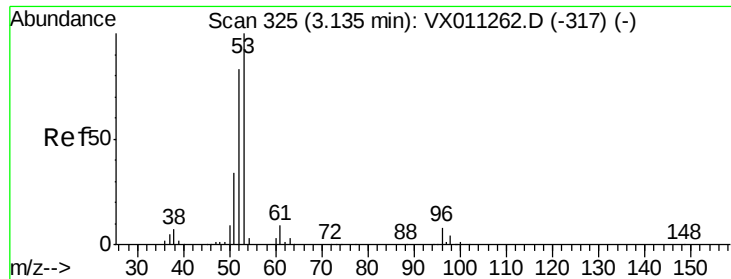
Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 1.887 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.02 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

Z3-0672DL

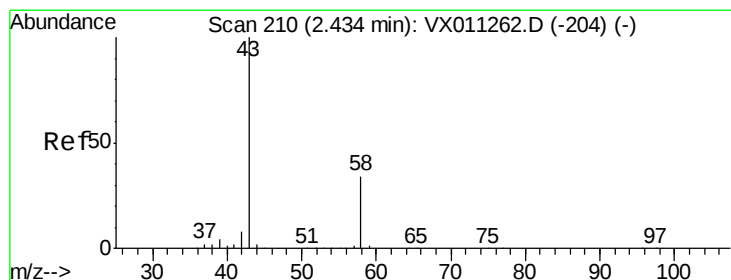
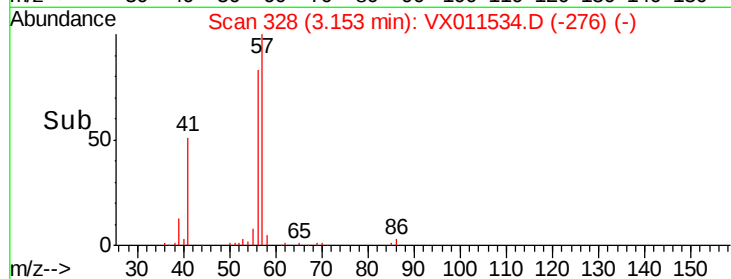
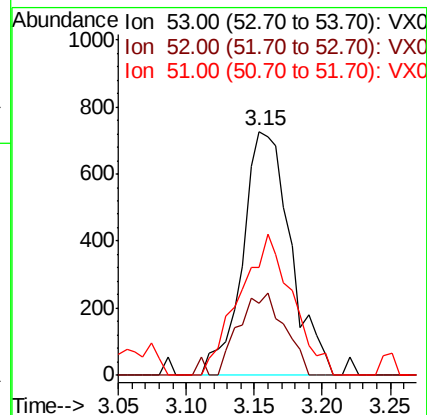
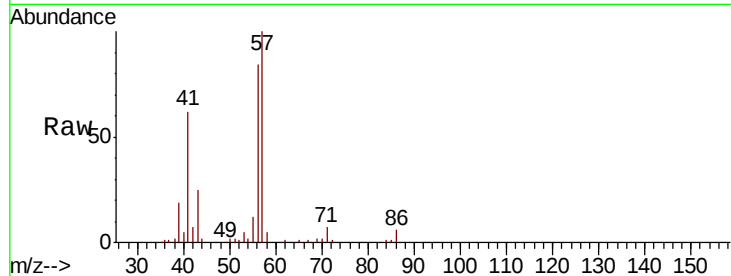
Tgt Ion: 53 Resp: 1794

Ion Ratio Lower Upper

53 100

52 31.9 65.5 98.3#

51 63.7 27.9 41.9#



#16

Acetone

Concen: 1.059 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX011534.D

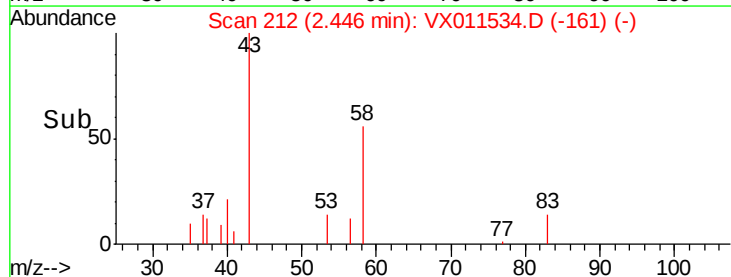
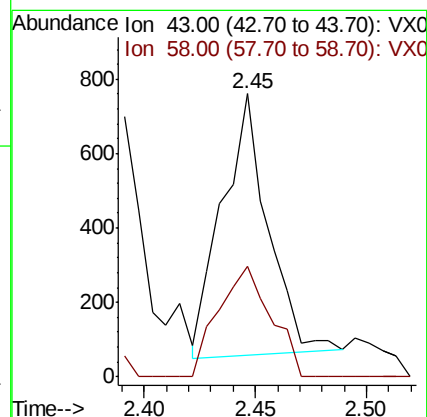
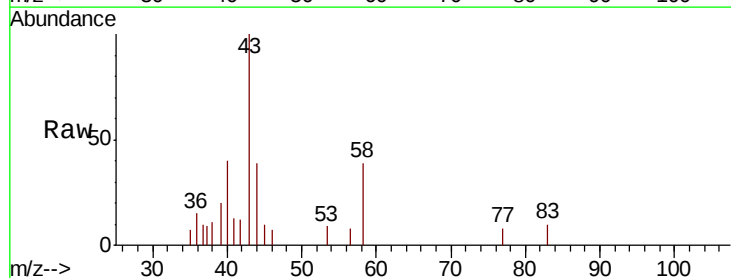
Acq: 13 Aug 2019 14:30

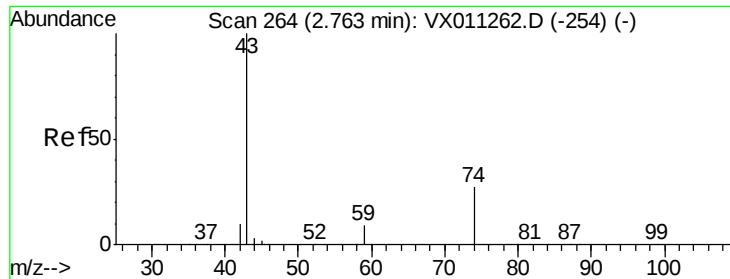
Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 43.3 27.4 41.0#

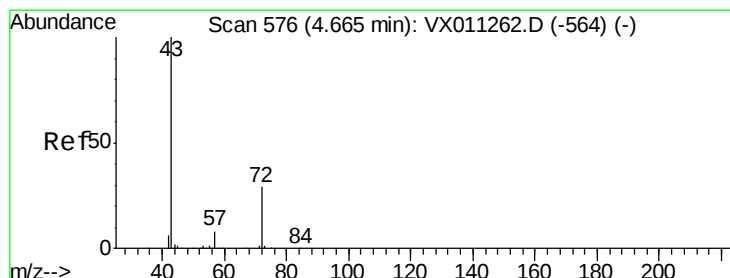
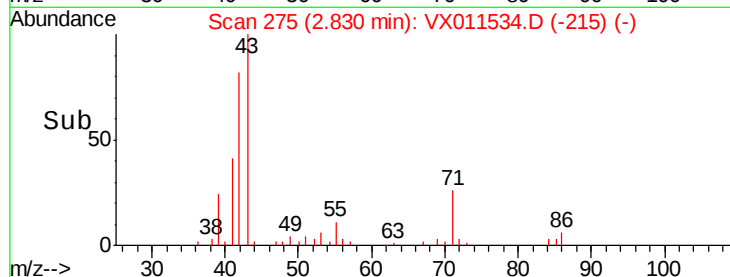
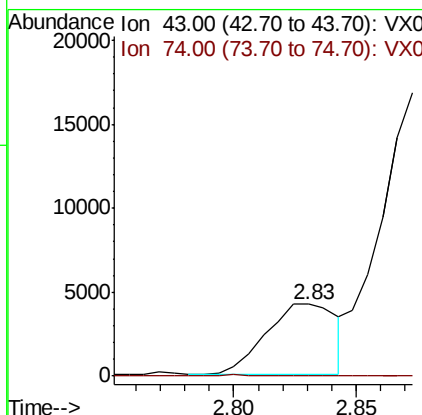
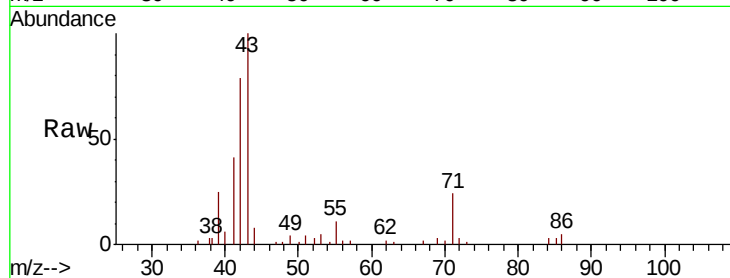




#18
Methyl Acetate
Concen: 3.900 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.07 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

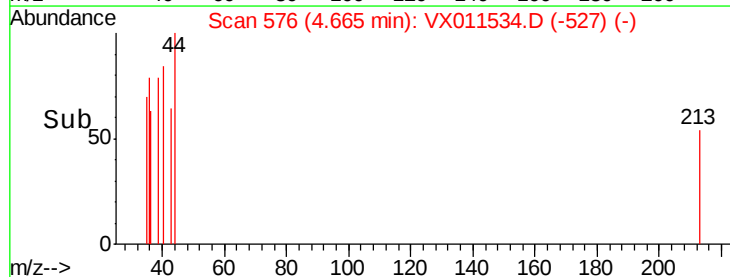
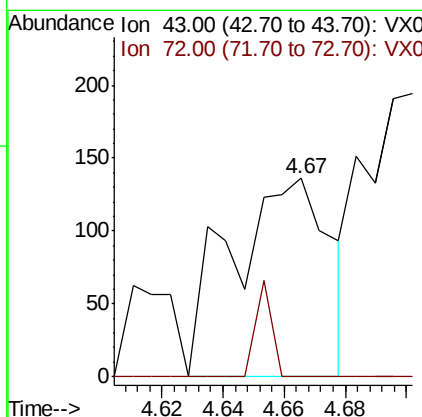
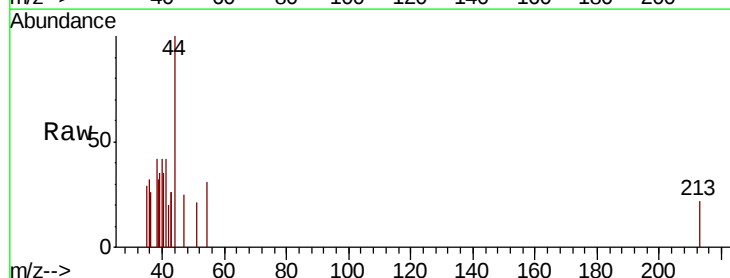
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

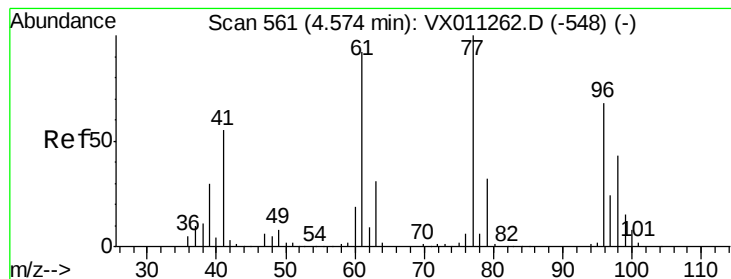
Tgt Ion: 43 Resp: 8475
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



#25
2-Butanone
Concen: 0.225 ug/l
RT: 4.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#





#26

2,2-Dichloropropane

Concen: 0.473 ug/l

RT: 4.40 min Scan# 532

Delta R.T. -0.18 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

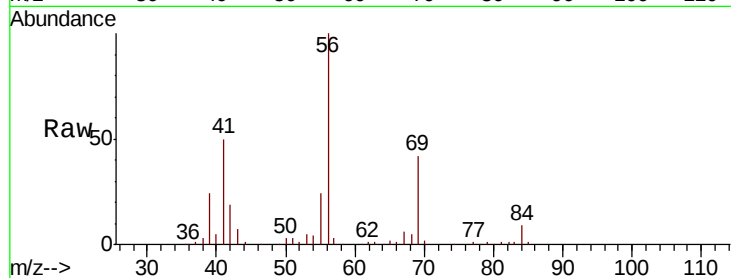
Z3-0672DL

Tgt Ion: 77 Resp: 1146

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.40

300

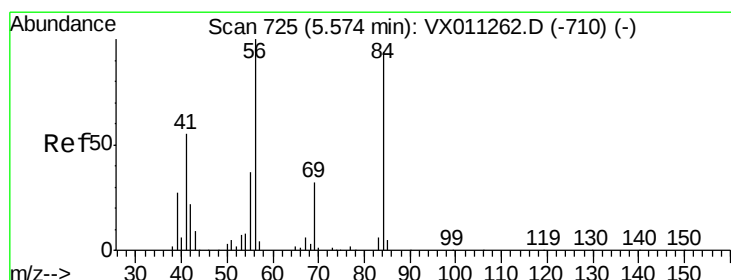
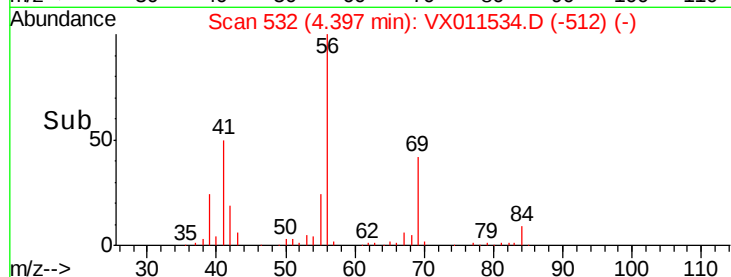
200

100

0

4.30 4.35 4.40 4.45

Time-->



#31

Cyclohexane

Concen: 29.476 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

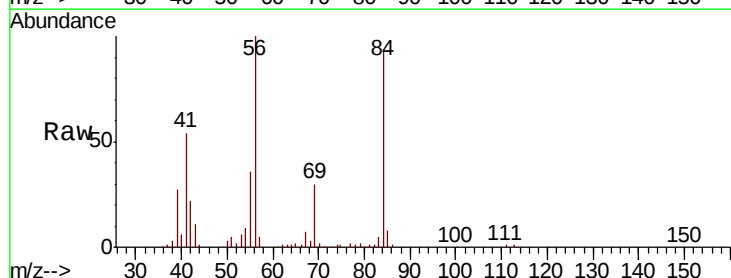
Tgt Ion: 56 Resp: 75829

Ion Ratio Lower Upper

56 100

69 30.0 25.5 38.3

84 92.8 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

30000

25000

20000

15000

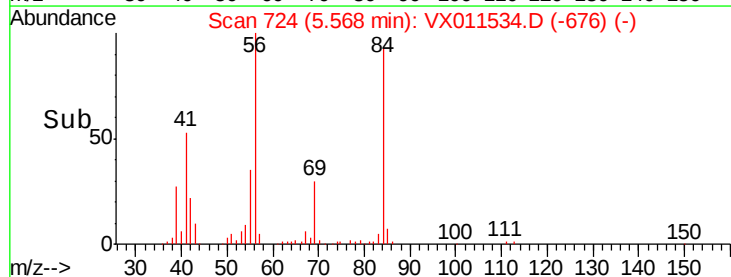
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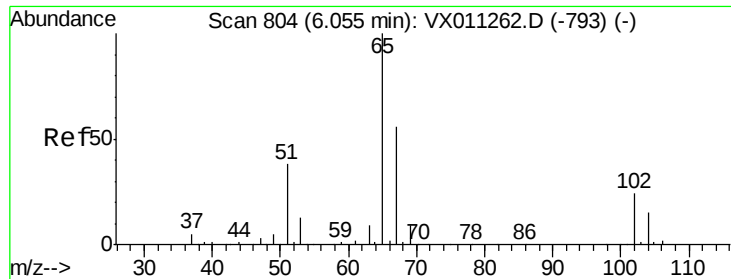
5000

0

5.50 5.57 5.60

Time-->

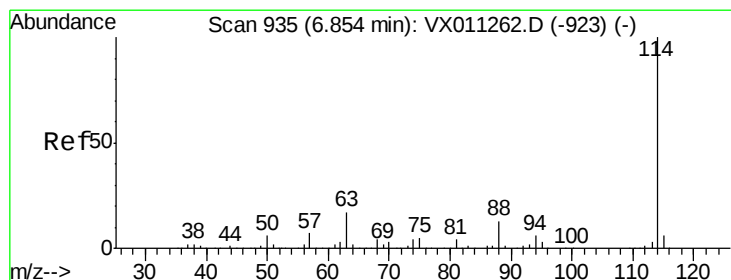
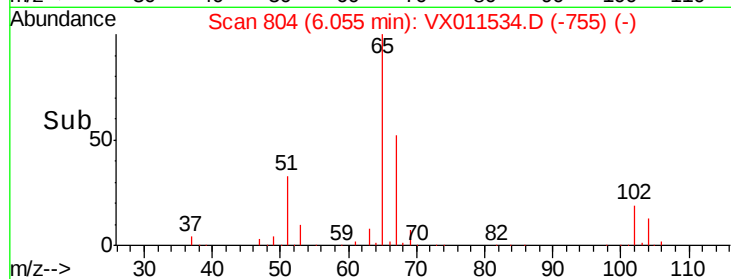
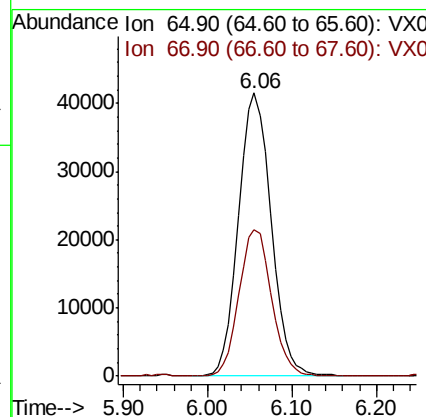
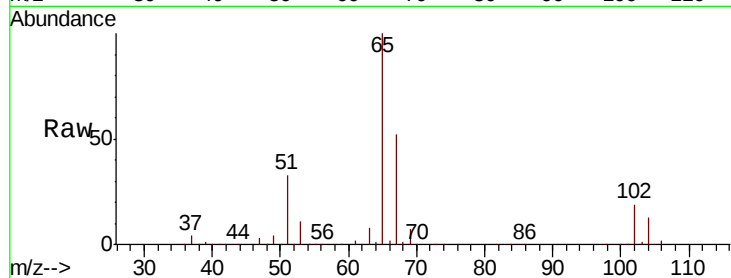




#33
 1,2-Dichloroethane-d4
 Concen: 54.579 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

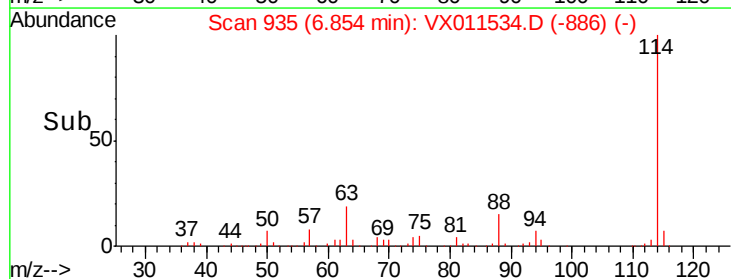
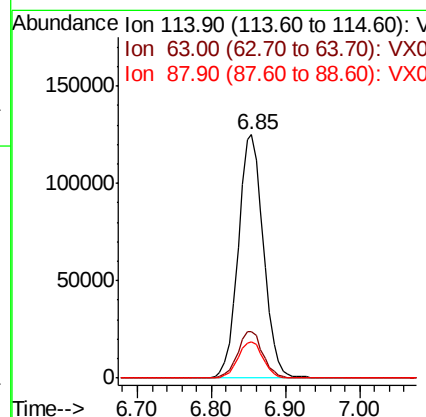
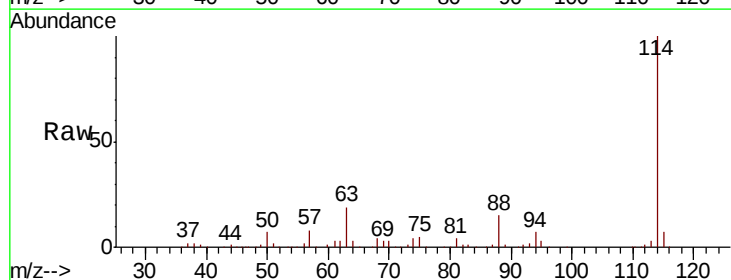
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

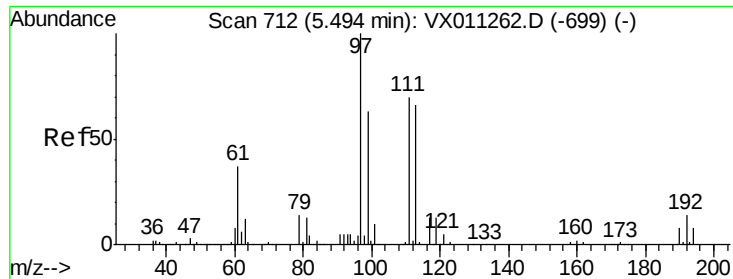
Tgt Ion: 65 Resp: 109030
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Tgt Ion: 114 Resp: 295586
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 14.9 0.0 26.4

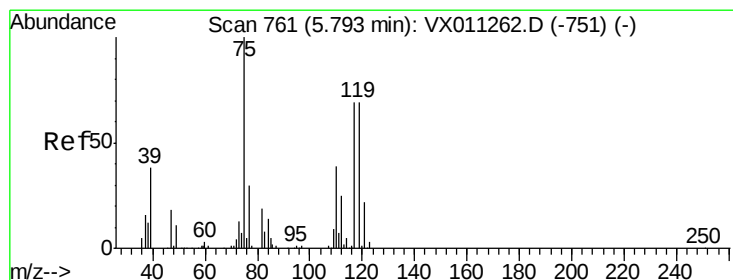
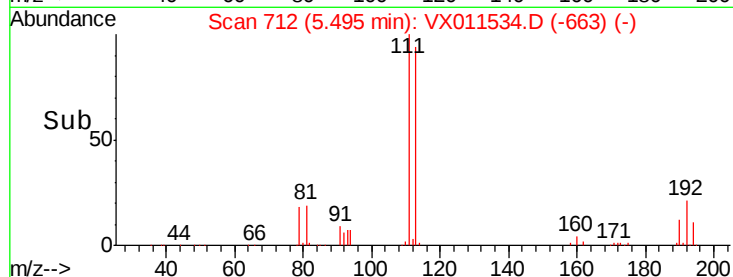
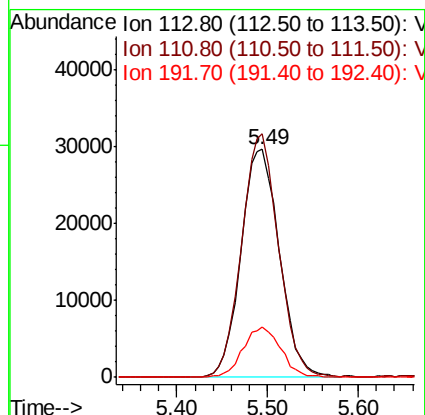
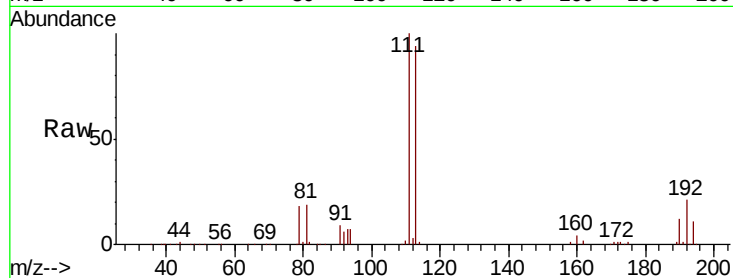




#35
 Dibromofluoromethane
 Concen: 45.164 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

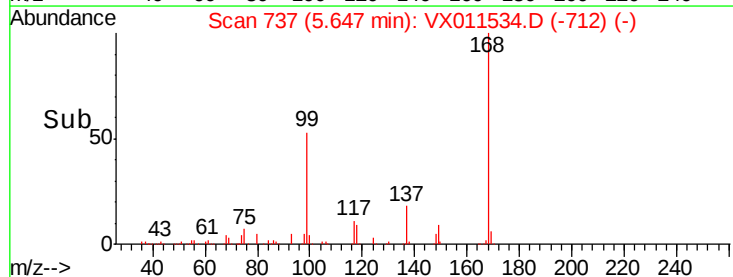
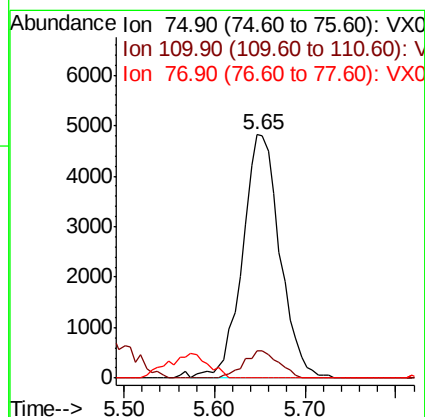
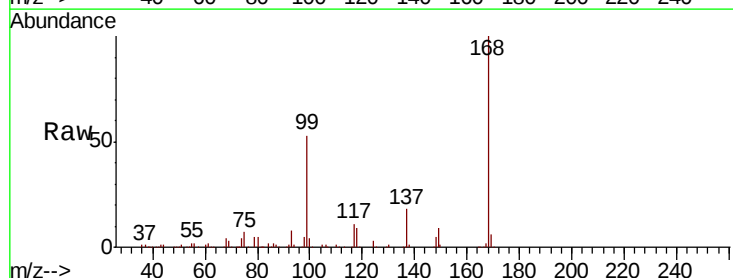
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

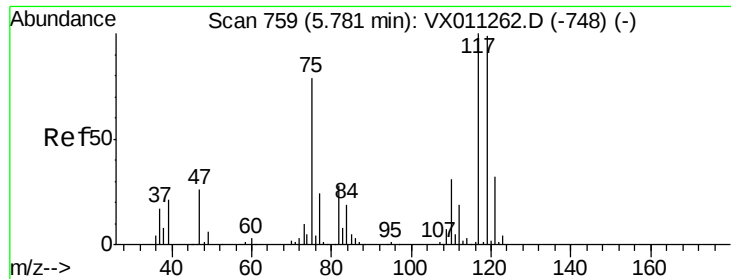
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.5	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 5.338 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

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





#38

Carbon Tetrachloride

Concen: 7.463 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672DL

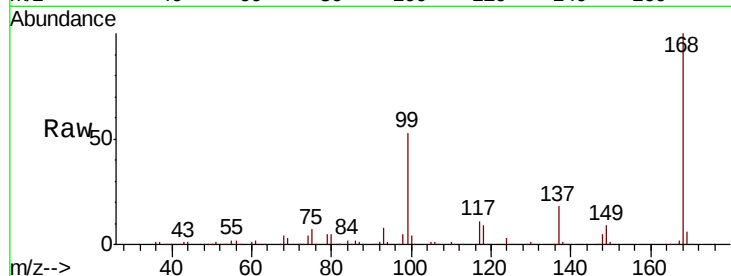
Tgt Ion:117 Resp: 19377

Ion Ratio Lower Upper

117 100

119 4.6 79.0 118.4#

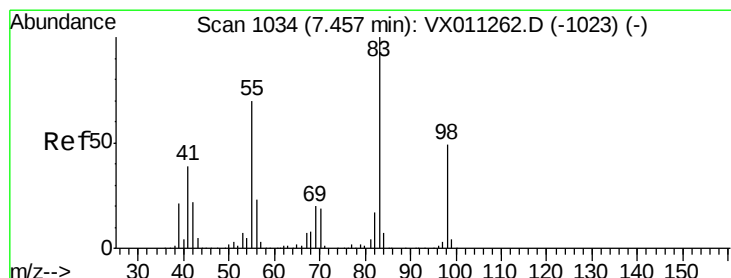
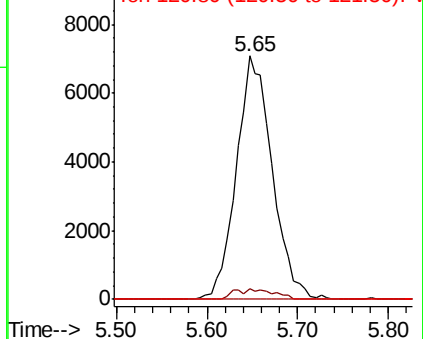
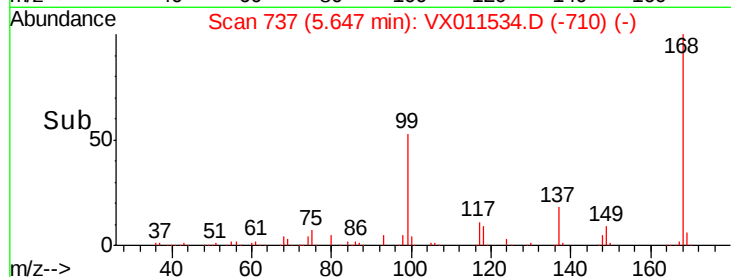
121 0.0 25.9 38.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 21.598 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

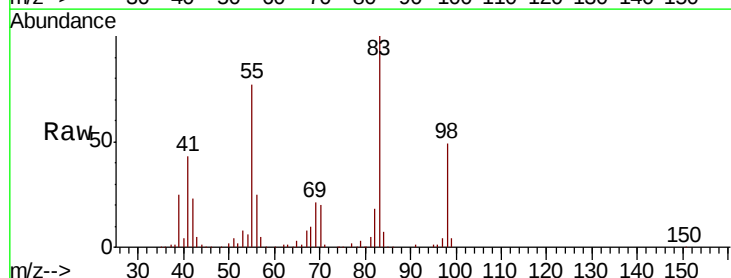
Tgt Ion: 83 Resp: 66068

Ion Ratio Lower Upper

83 100

55 76.8 56.1 84.1

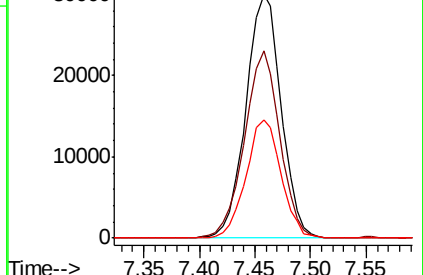
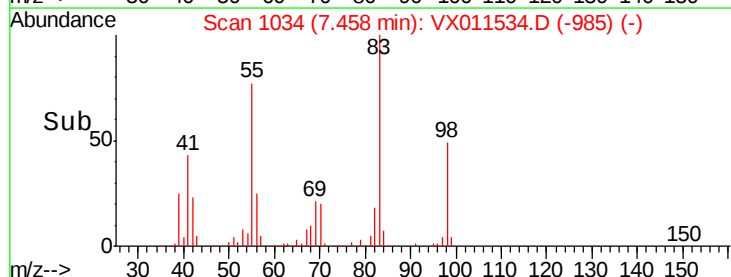
98 48.6 39.0 58.4

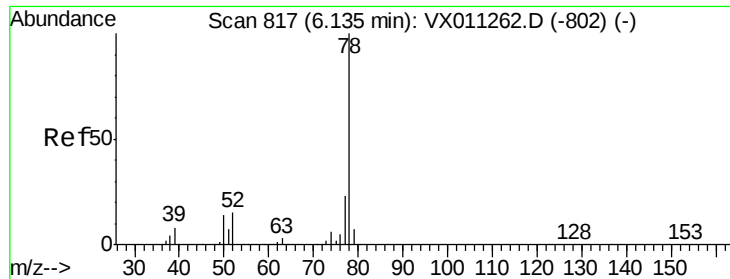


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 22.354 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

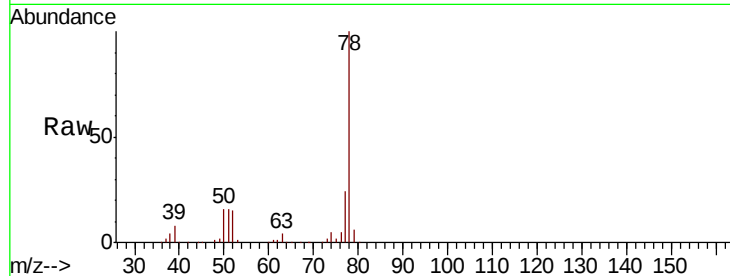
Z3-0672DL

Tgt Ion: 78 Resp: 172151

Ion Ratio Lower Upper

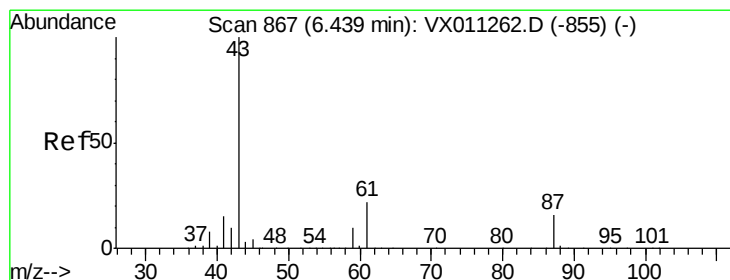
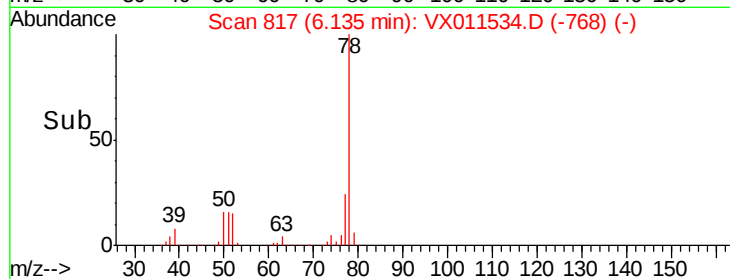
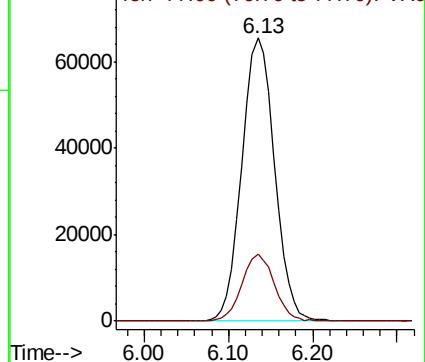
78 100

77 23.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.341 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

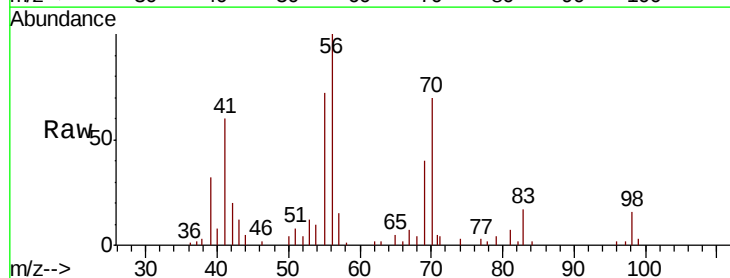
Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

61 0.0 16.5 24.7#

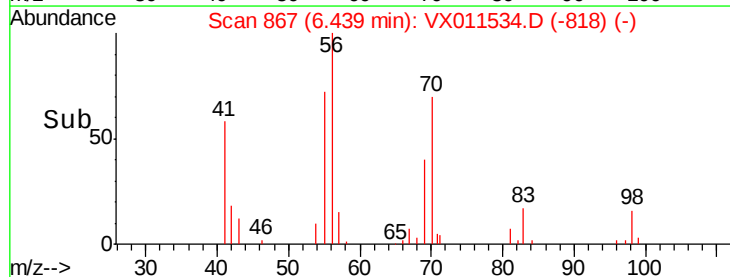
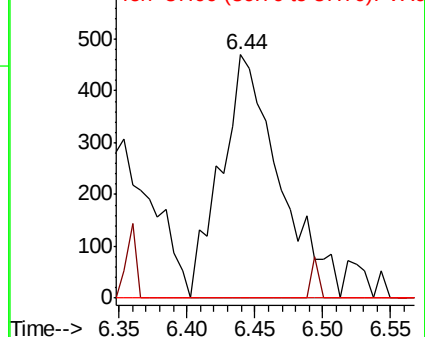
87 0.0 12.1 18.1#

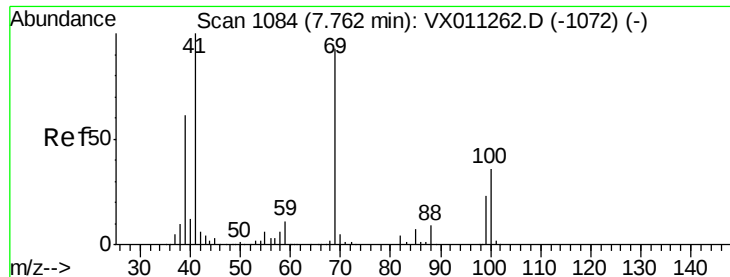


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

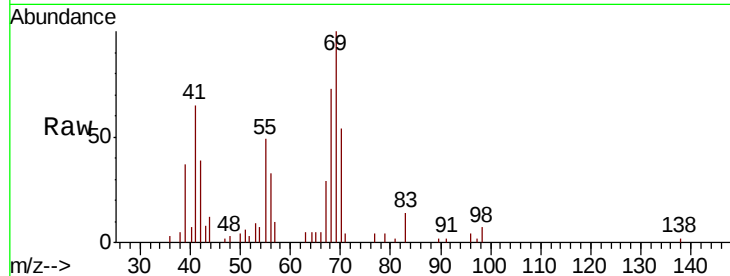




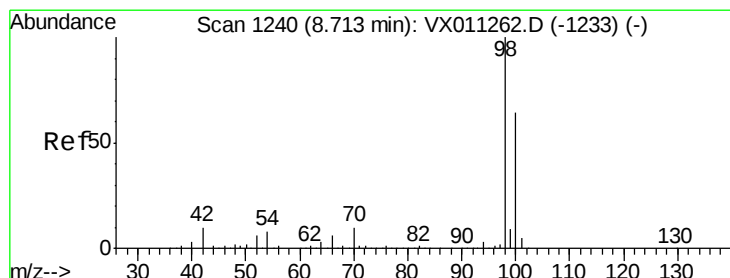
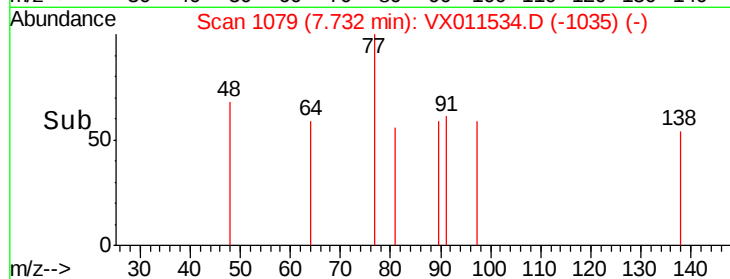
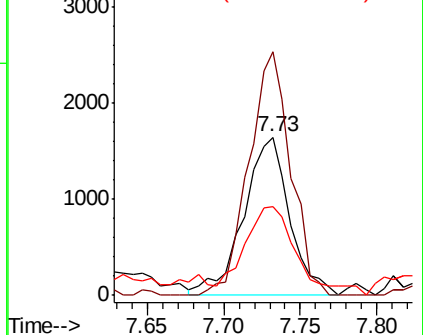
#48
Methyl methacrylate
Concen: 1.773 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

Tgt Ion: 41 Resp: 3453
Ion Ratio Lower Upper
41 100
69 139.1 74.5 111.7#
39 63.5 48.6 72.8

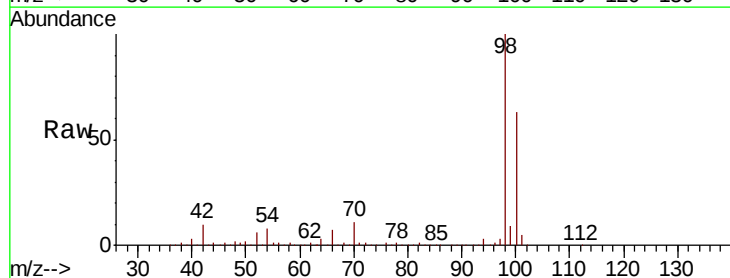


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

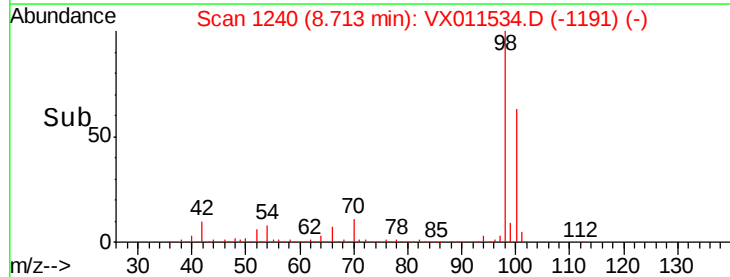
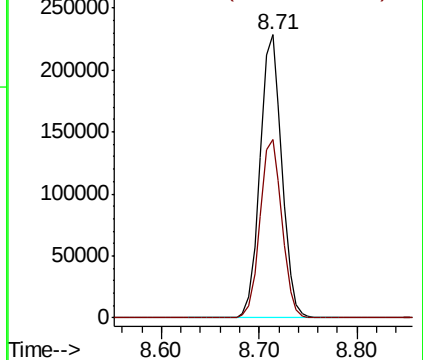


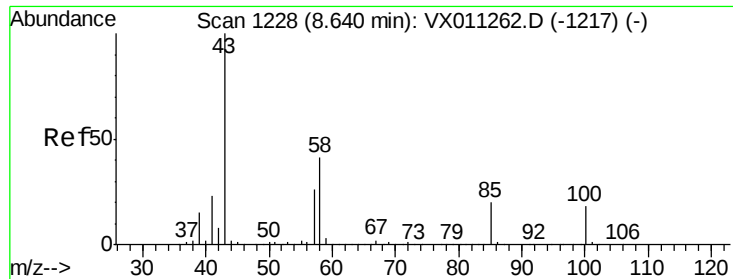
#50
Toluene-d8
Concen: 48.344 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 98 Resp: 352161
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

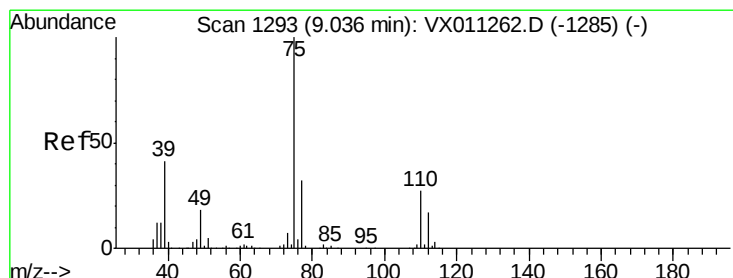
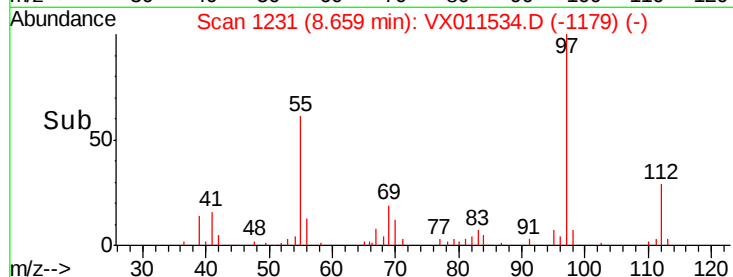
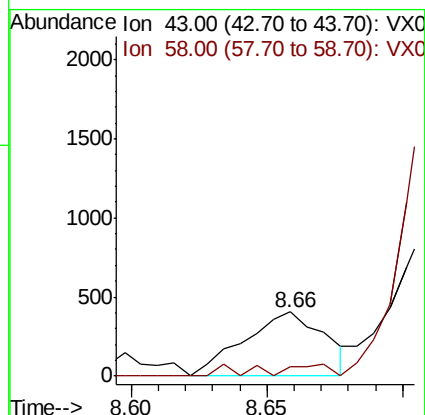
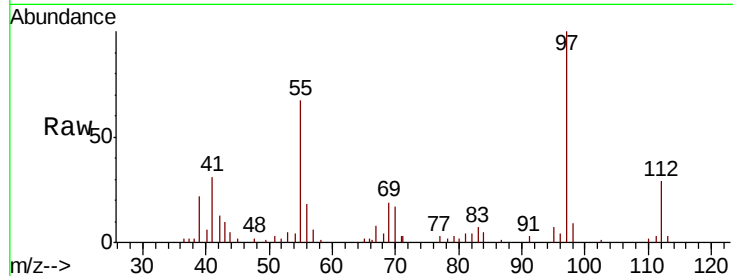




#51
 4-Methyl-2-Pentanone
 Concen: 0.309 ug/l
 RT: 8.66 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

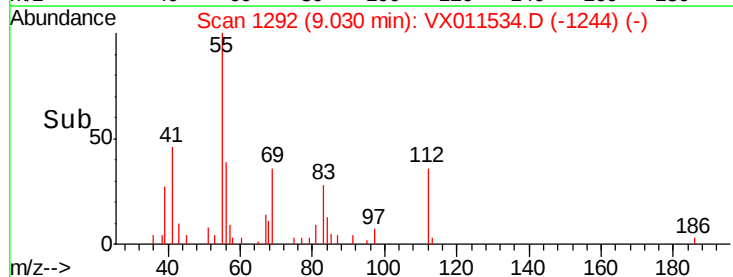
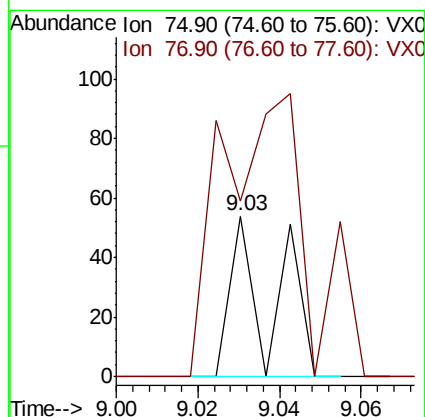
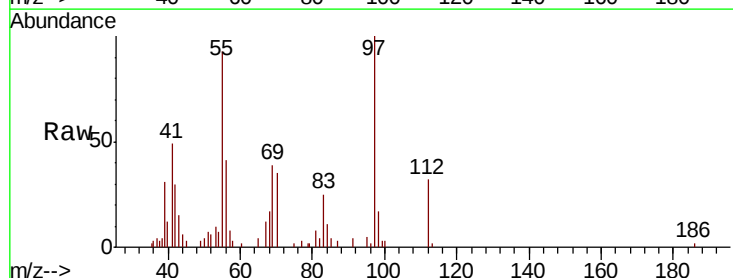
Instrument :
 MSVOA_X
 ClientSampleID :
 Z3-0672DL

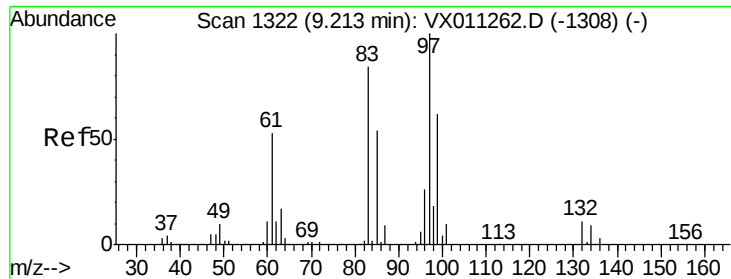
Tgt Ion: 43 Resp: 826
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.3 48.5#



#53
 t-1,3-Dichloropropene
 Concen: 2.851 ug/l
 RT: 9.03 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Tgt Ion: 75 Resp: 38
 Ion Ratio Lower Upper
 75 100
 77 109.3 25.4 38.0#

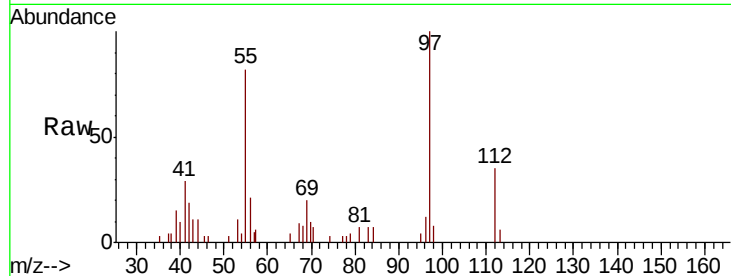




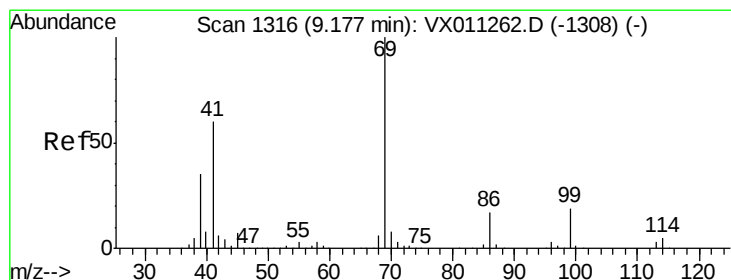
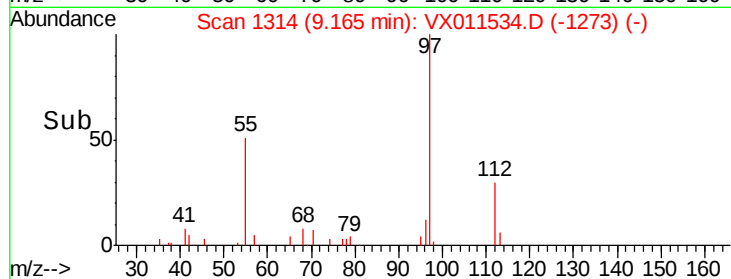
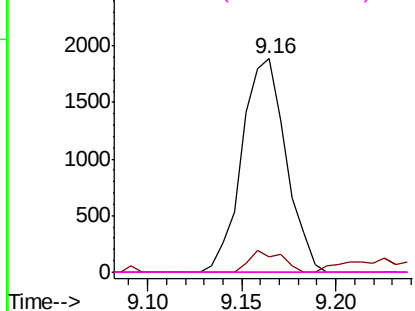
#55
 1,1,2-Trichloroethane
 Concen: 1.463 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672DL

Tgt Ion: 97 Resp: 3062
 Ion Ratio Lower Upper
 97 100
 83 7.3 67.6 101.4#
 85 0.0 43.4 65.0#
 99 0.0 49.6 74.4#

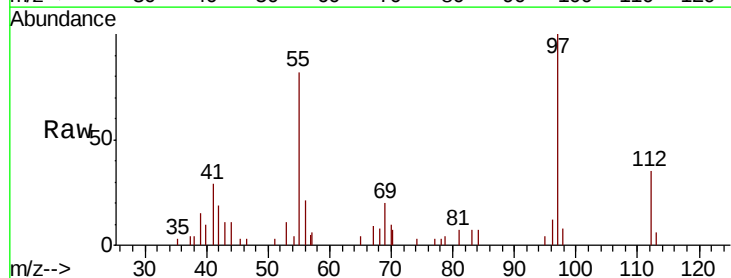


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

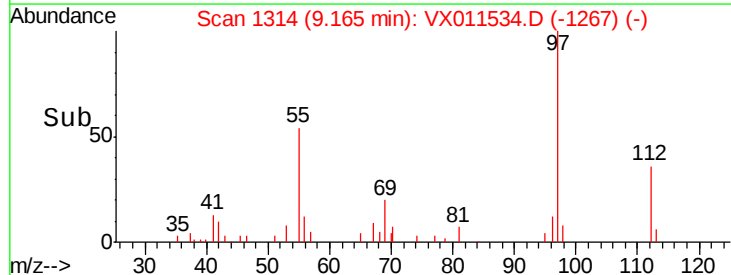
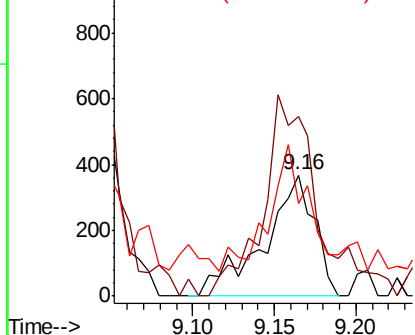


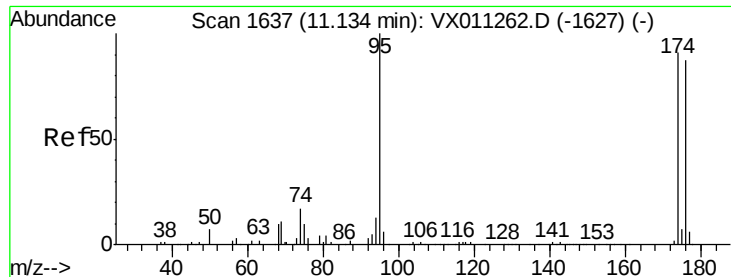
#56
 Ethyl methacrylate
 Concen: 0.265 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX011534.D
 Acq: 13 Aug 2019 14:30

Tgt Ion: 69 Resp: 792
 Ion Ratio Lower Upper
 69 100
 41 179.8 48.6 73.0#
 39 80.1 29.4 44.2#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

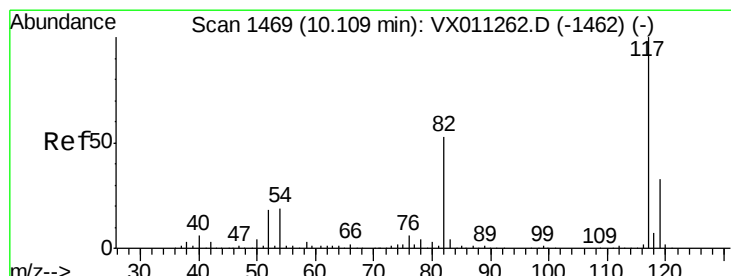
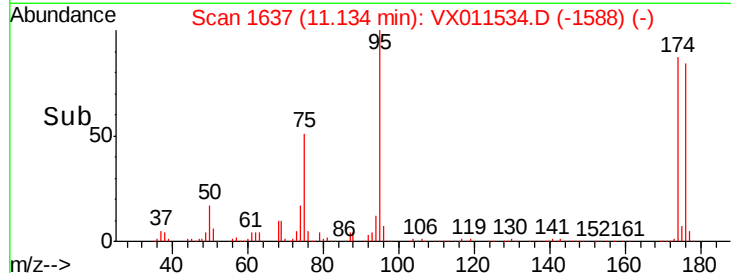
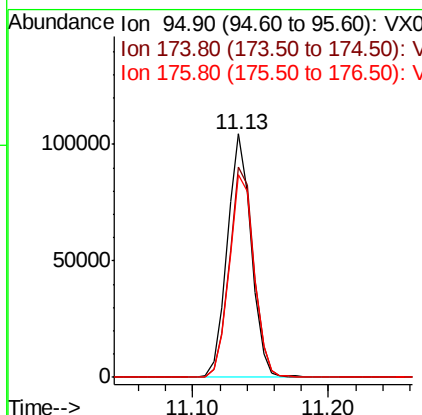
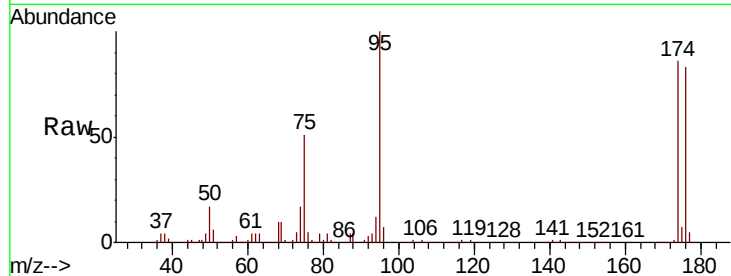




#62
4-Bromofluorobenzene
Concen: 49.032 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

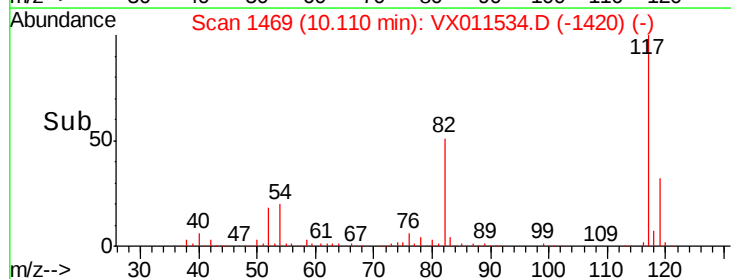
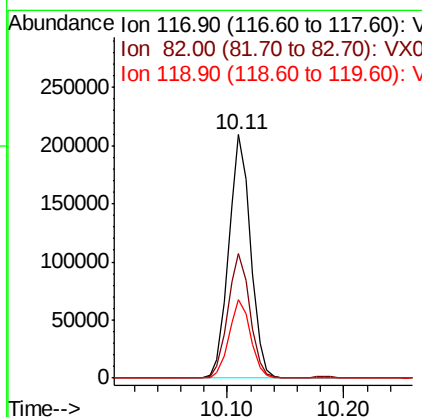
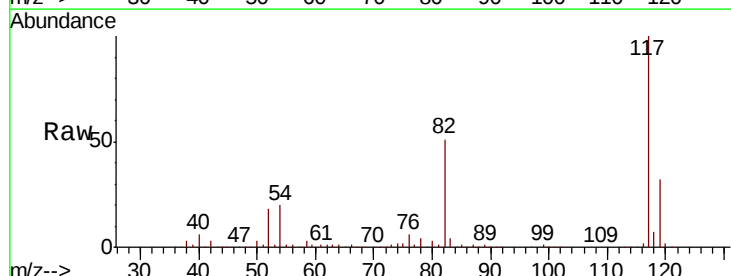
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

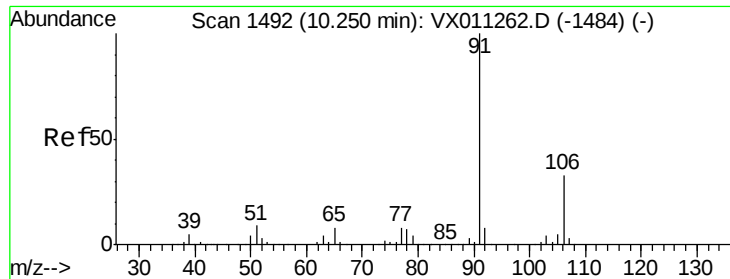
Tgt Ion: 95 Resp: 127520
Ion Ratio Lower Upper
95 100
174 89.1 0.0 191.2
176 86.8 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 117 Resp: 272886
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.2
119 32.4 26.6 39.8

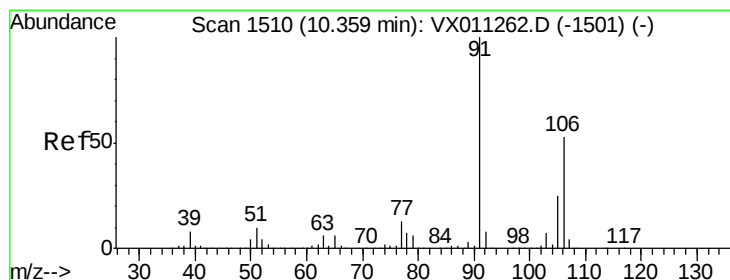
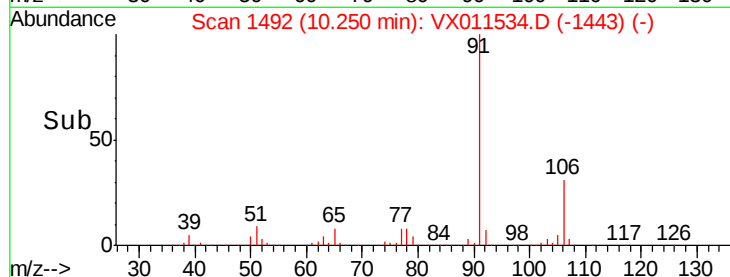
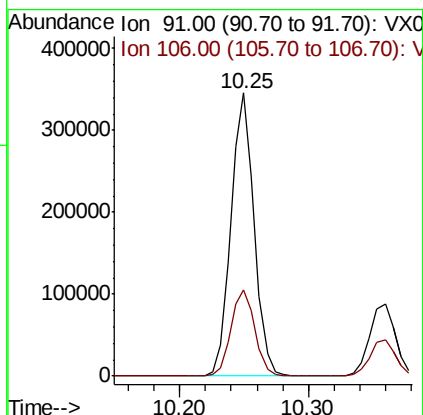
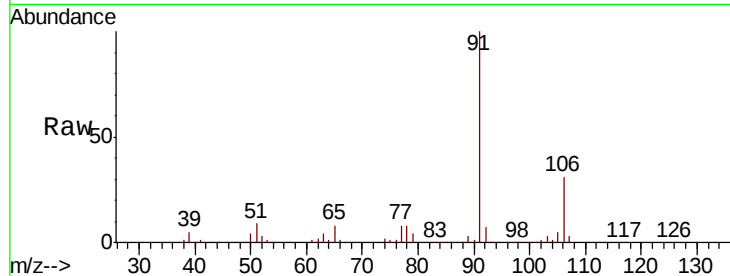




#67
Ethyl Benzene
Concen: 44.285 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

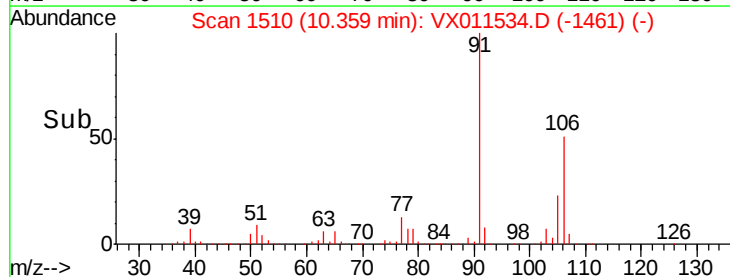
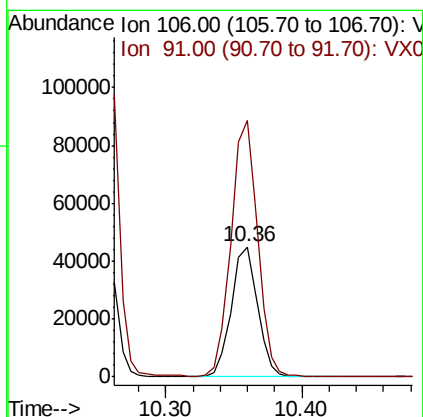
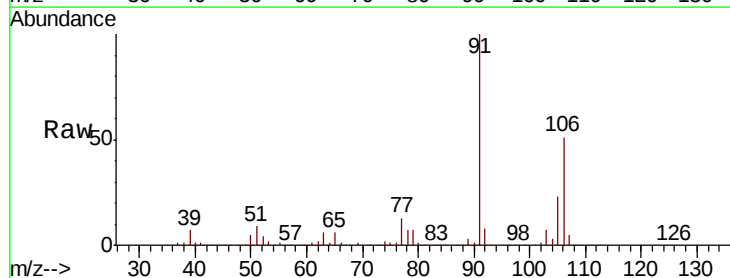
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

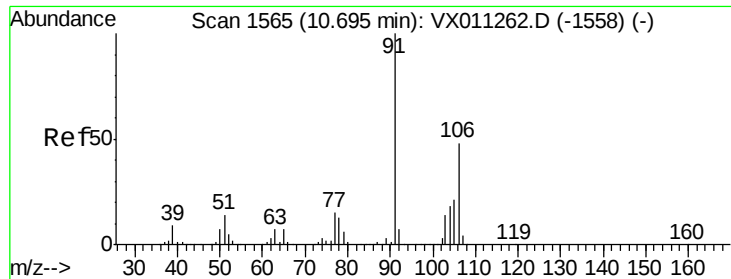
Tgt Ion: 91 Resp: 433953
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.4



#68
m/p-Xylenes
Concen: 16.015 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 106 Resp: 60702
Ion Ratio Lower Upper
106 100
91 198.2 155.9 233.9

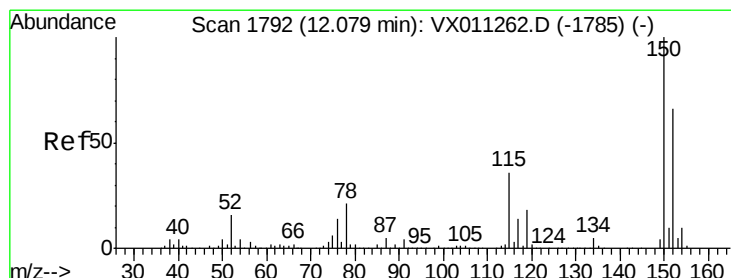
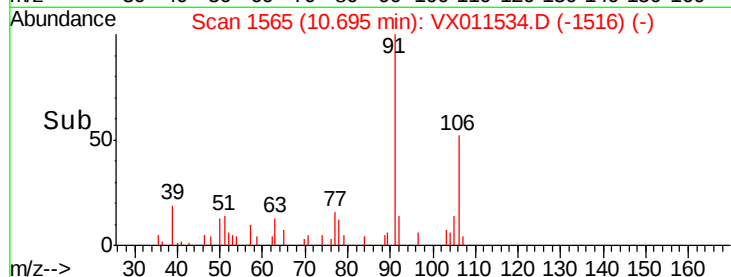
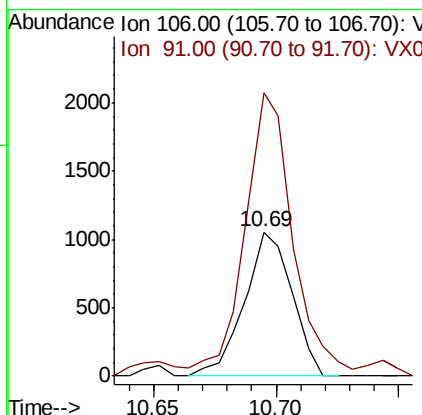
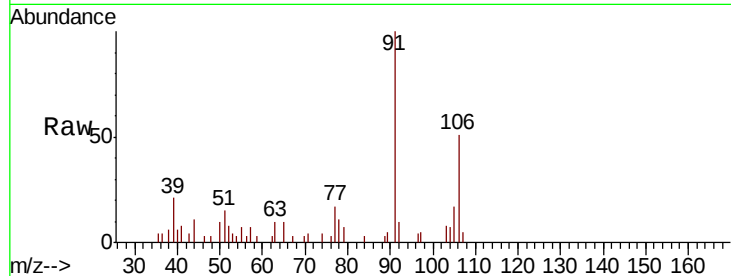




#69
o-Xylene
Concen: 0.383 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

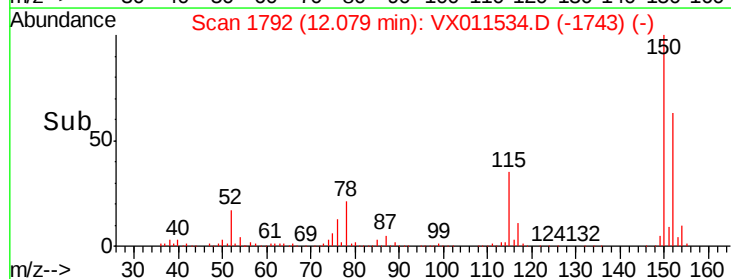
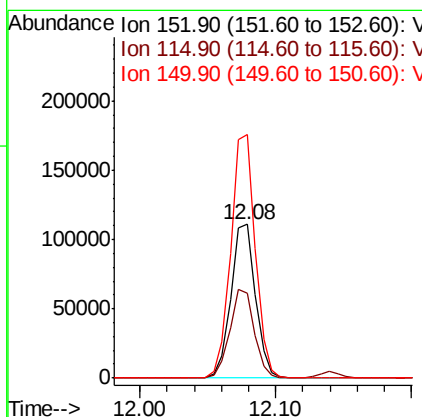
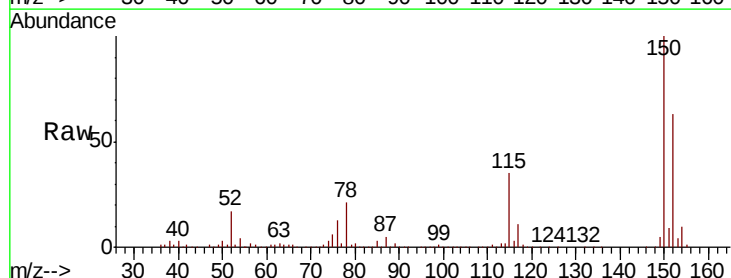
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

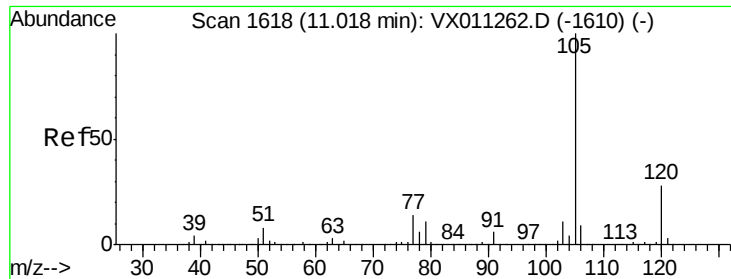
Tgt Ion:106 Resp: 1426
Ion Ratio Lower Upper
106 100
91 188.3 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion:152 Resp: 139678
Ion Ratio Lower Upper
152 100
115 56.8 40.0 119.9
150 156.9 0.0 350.4





#73

Isopropylbenzene

Concen: 4.371 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

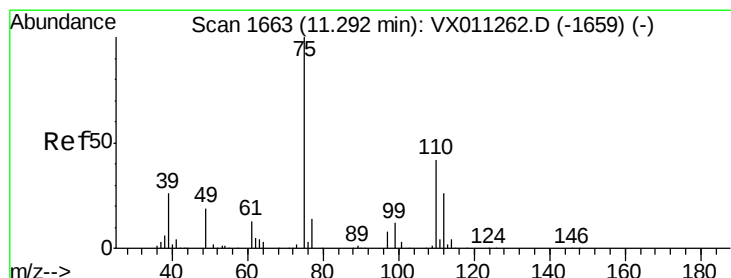
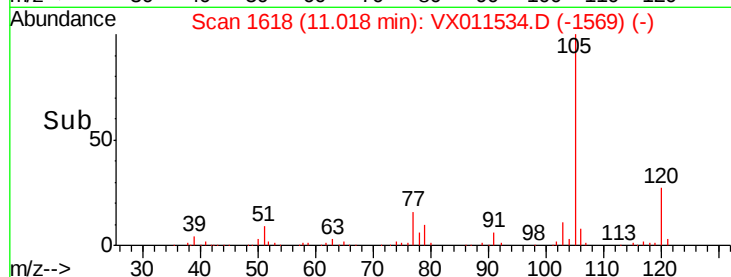
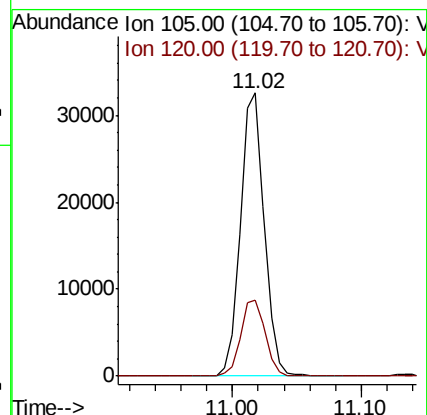
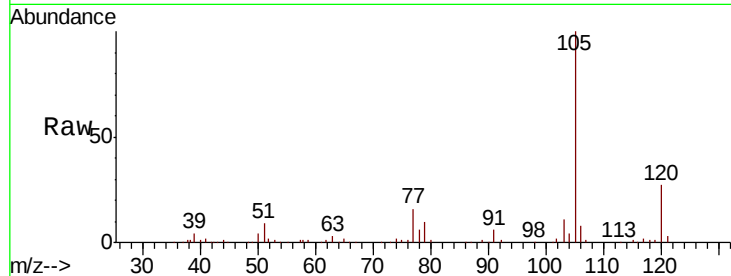
Z3-0672DL

Tgt Ion: 105 Resp: 41760

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#76

1,2,3-Trichloropropane

Concen: 25.642 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011534.D

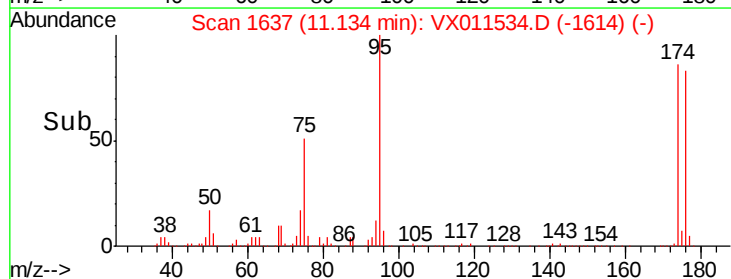
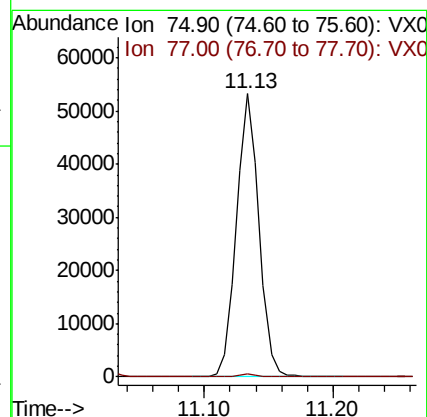
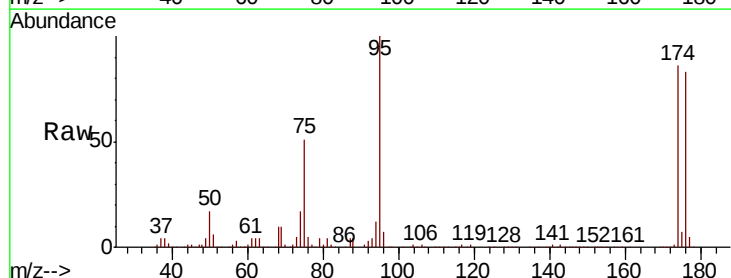
Acq: 13 Aug 2019 14:30

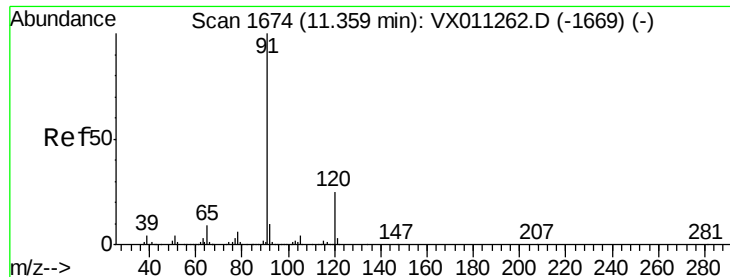
Tgt Ion: 75 Resp: 65226

Ion Ratio Lower Upper

75 100

77 1.2 21.1 63.4#





#78

n-propylbenzene

Concen: 5.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

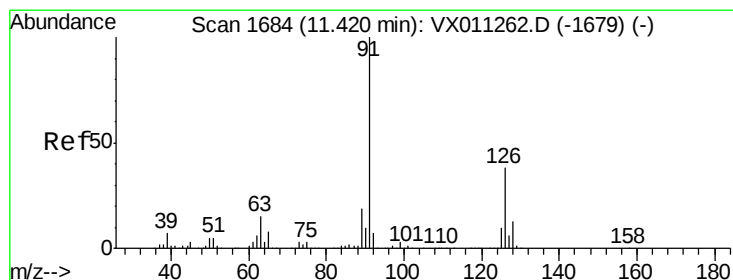
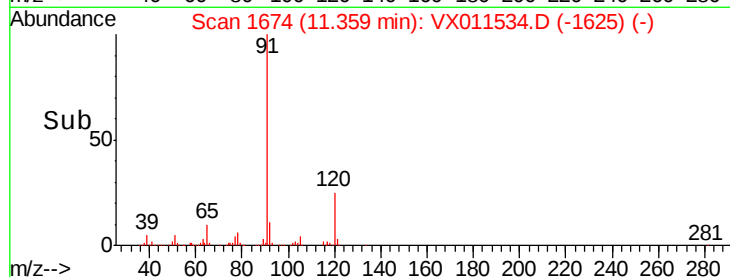
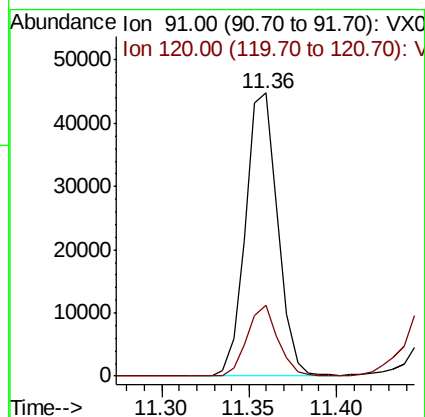
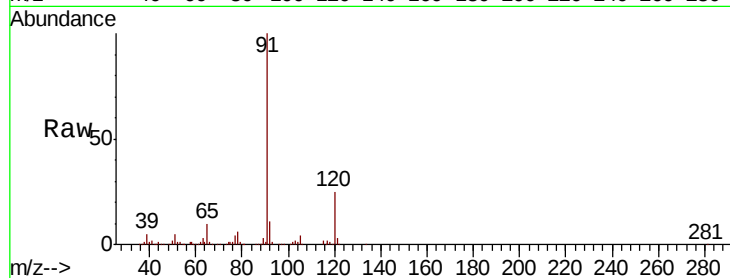
Z3-0672DL

Tgt Ion: 91 Resp: 57436

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.0



#79

2-Chlorotoluene

Concen: 1.375 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX011534.D

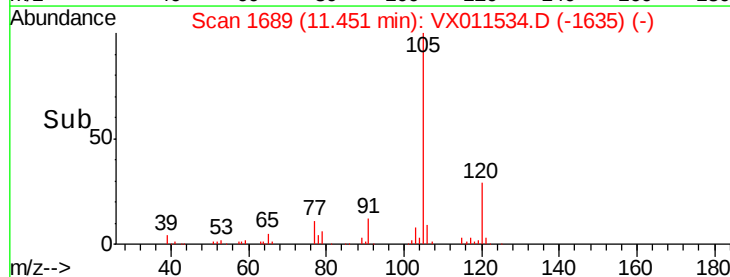
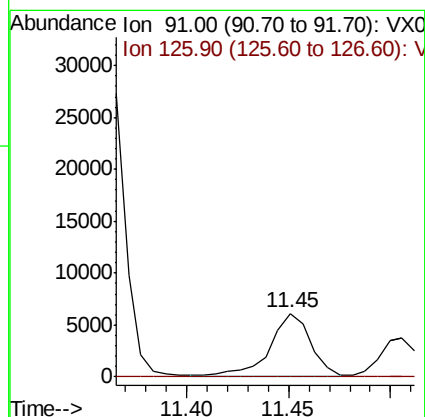
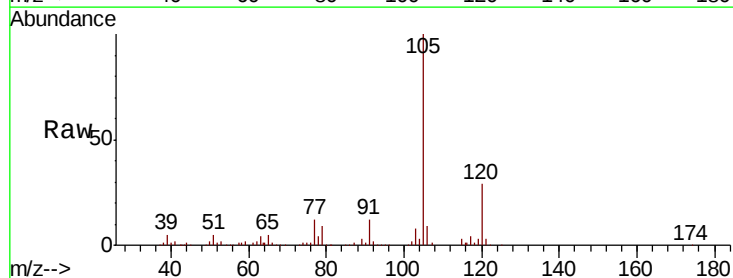
Acq: 13 Aug 2019 14:30

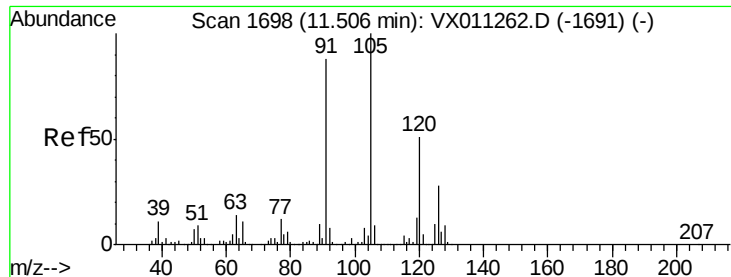
Tgt Ion: 91 Resp: 8707

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#





#80

1,3,5-Trimethylbenzene

Concen: 5.429 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

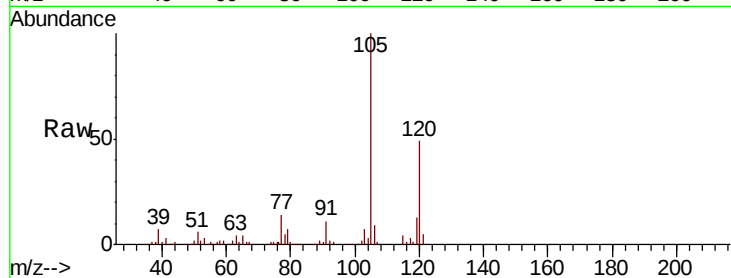
Z3-0672DL

Tgt Ion:105 Resp: 43415

Ion Ratio Lower Upper

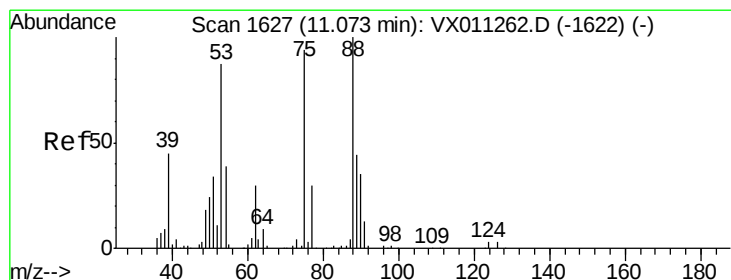
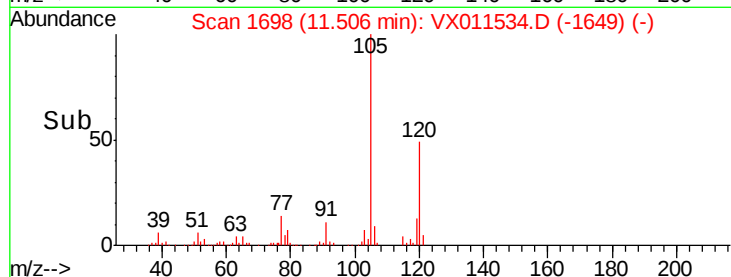
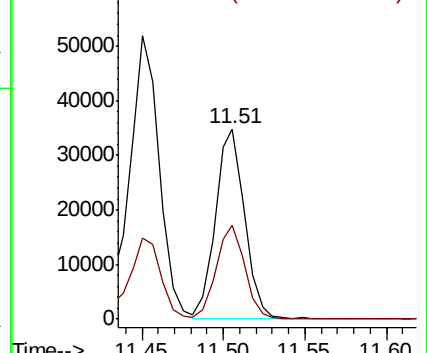
105 100

120 48.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 66.799 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

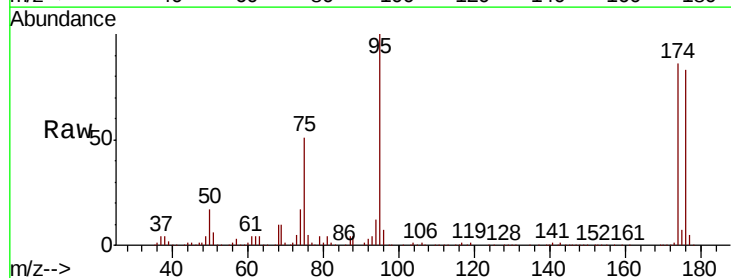
Tgt Ion: 75 Resp: 65226

Ion Ratio Lower Upper

75 100

53 0.3 78.2 117.4#

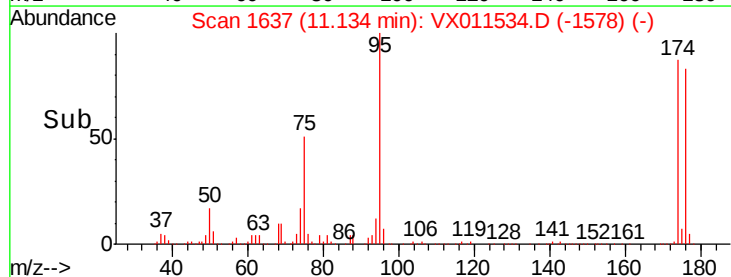
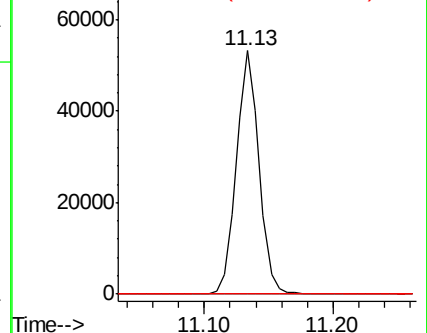
89 0.1 37.9 56.9#

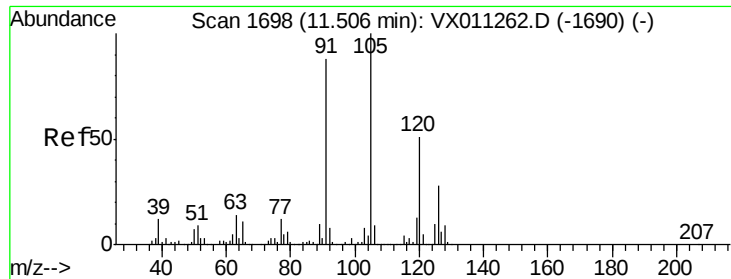


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.673 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

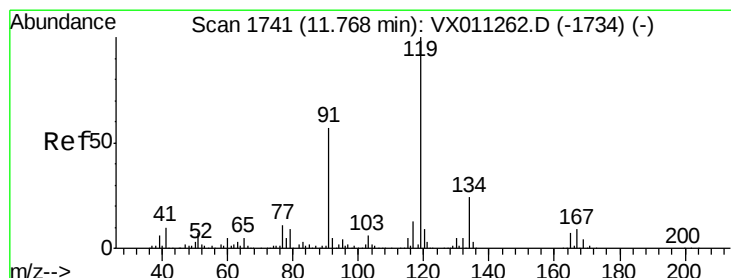
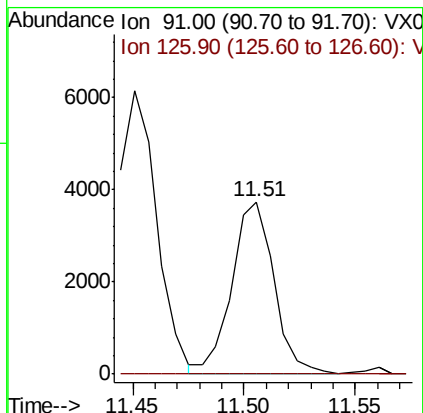
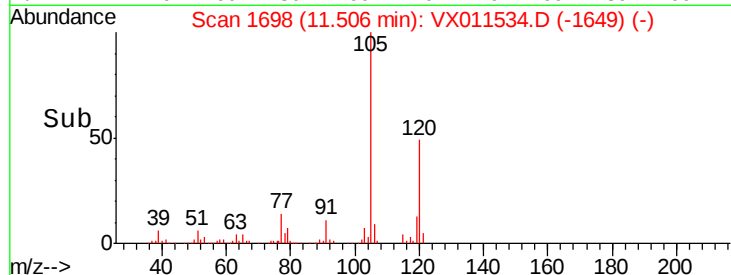
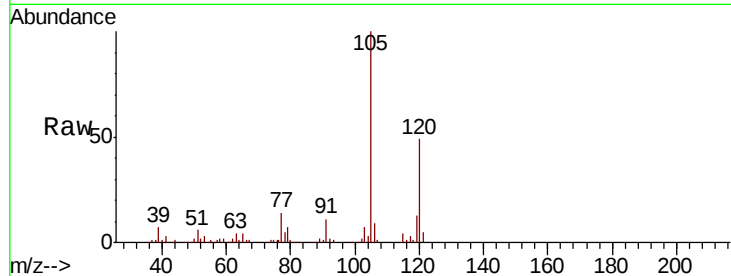
Z3-0672DL

Tgt Ion: 91 Resp: 4963

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.2#



#83

tert-Butylbenzene

Concen: 0.782 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

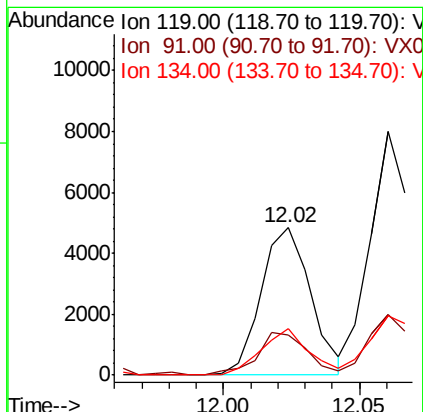
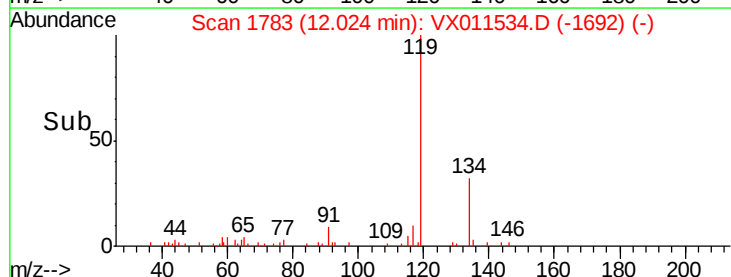
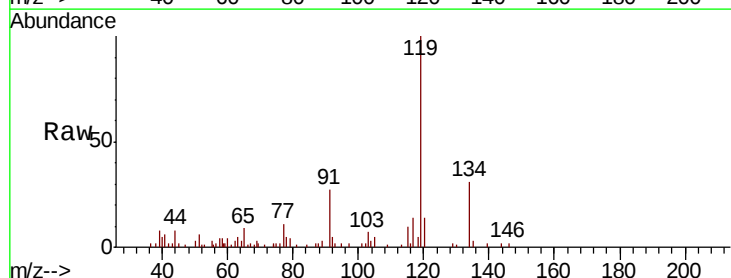
Tgt Ion: 119 Resp: 6135

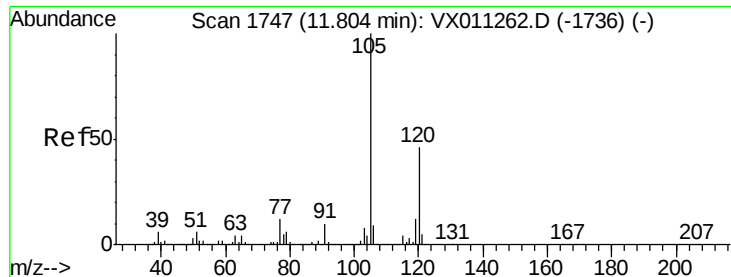
Ion Ratio Lower Upper

119 100

91 29.3 28.0 84.0

134 30.4 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 41.276 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

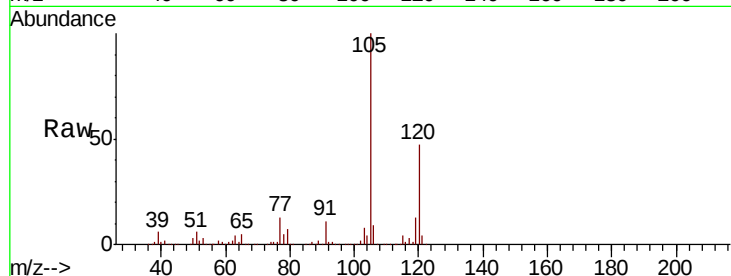
Z3-0672DL

Tgt Ion:105 Resp: 328635

Ion Ratio Lower Upper

105 100

120 46.5 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

300000

250000

200000

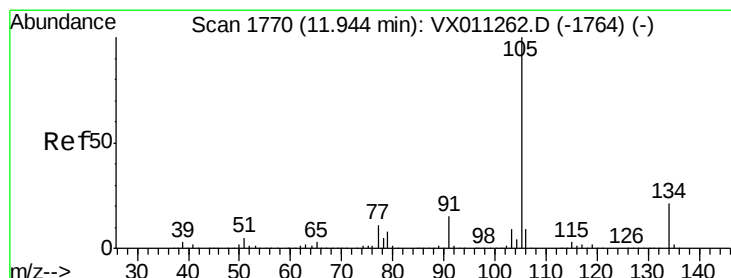
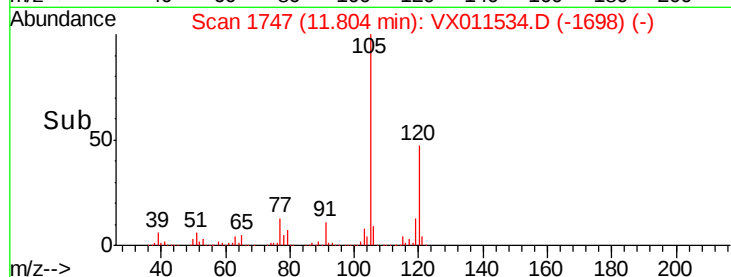
150000

100000

50000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 34.873 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011534.D

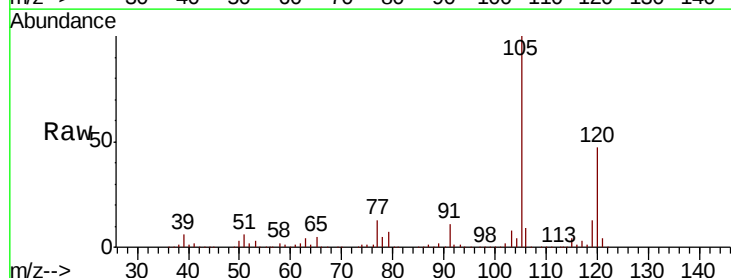
Acq: 13 Aug 2019 14:30

Tgt Ion:105 Resp: 328610

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

300000

250000

200000

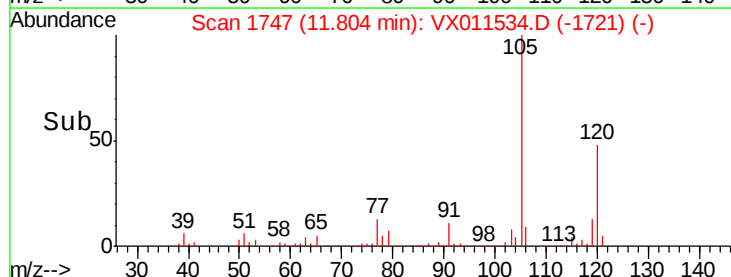
150000

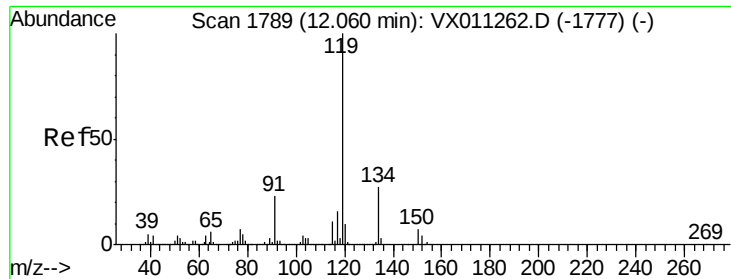
100000

50000

0

Time--> 11.70 11.80 11.90

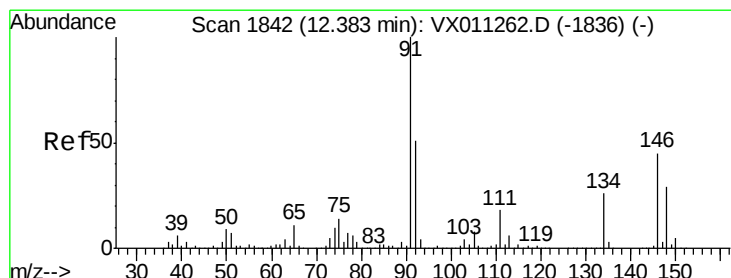
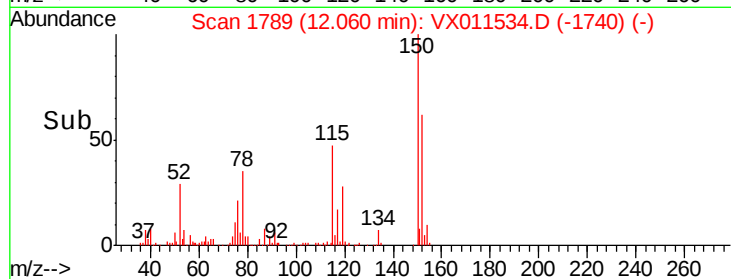
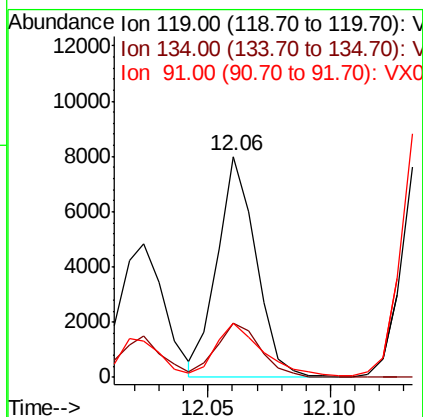
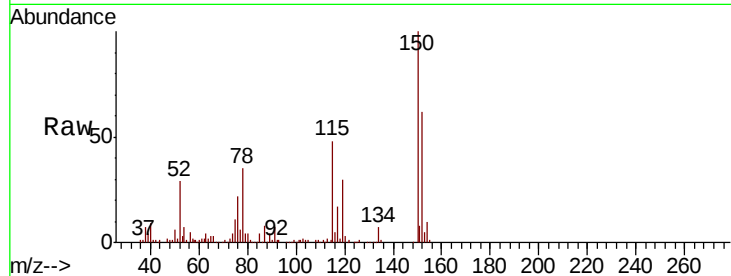




#86
p-Isopropyltoluene
Concen: 1.013 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

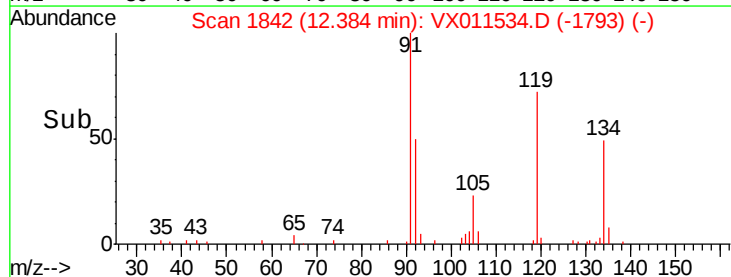
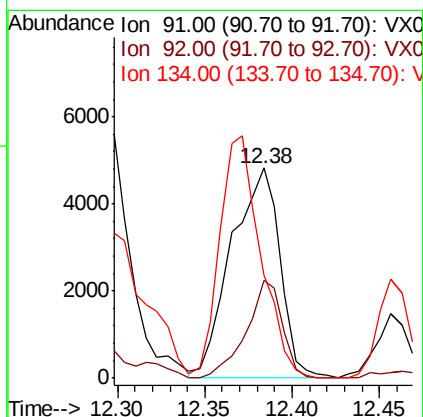
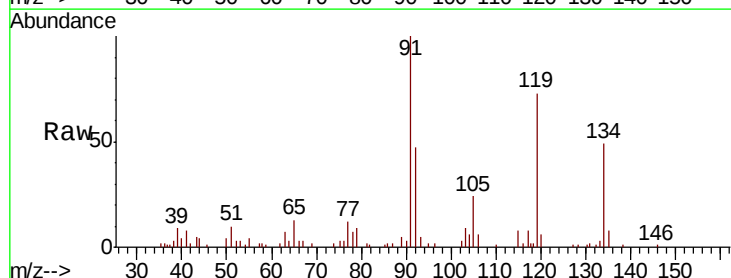
Instrument :
MSVOA_X
ClientSampled :
Z3-0672DL

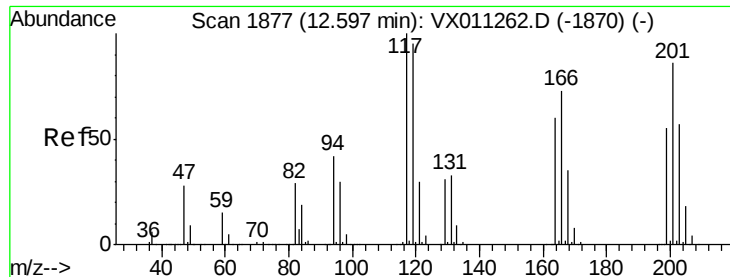
Tgt Ion: 119 Resp: 8782
Ion Ratio Lower Upper
119 100
134 27.9 13.7 41.0
91 29.2 11.4 34.2



#89
n-Butylbenzene
Concen: 1.244 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Tgt Ion: 91 Resp: 9292
Ion Ratio Lower Upper
91 100
92 34.4 25.8 77.3
134 97.6 13.7 41.0#





#90

Hexachloroethane

Concen: 2.020 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

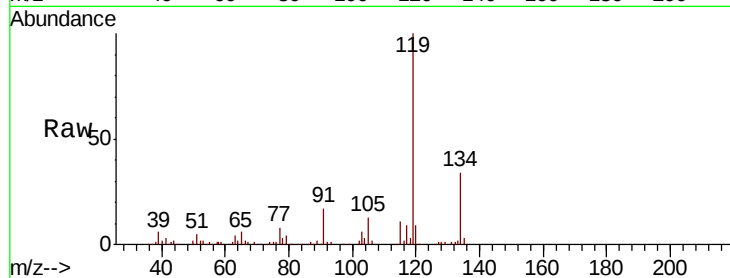
Z3-0672DL

Tgt Ion:117 Resp: 2589

Ion Ratio Lower Upper

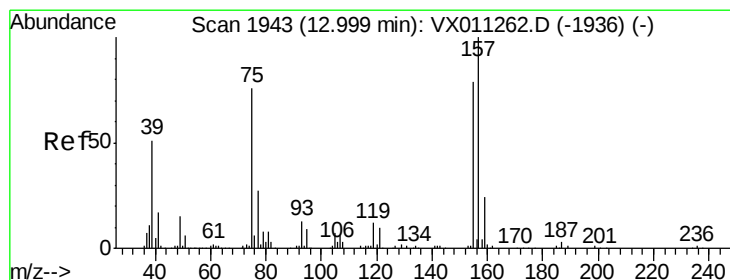
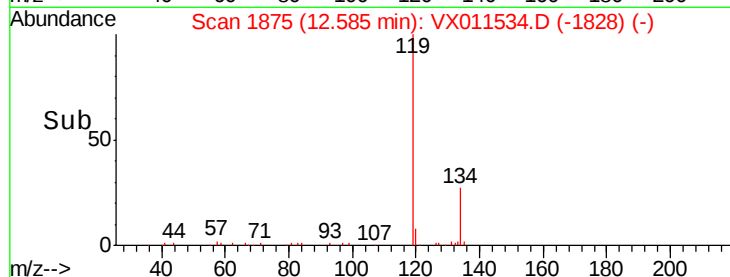
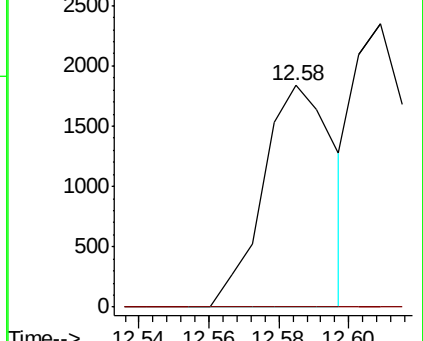
117 100

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: 0.592 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011534.D

Acq: 13 Aug 2019 14:30

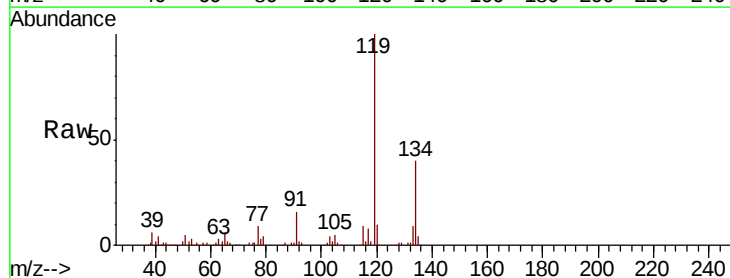
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.8#

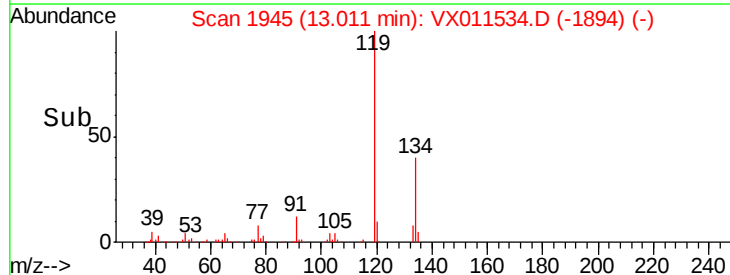
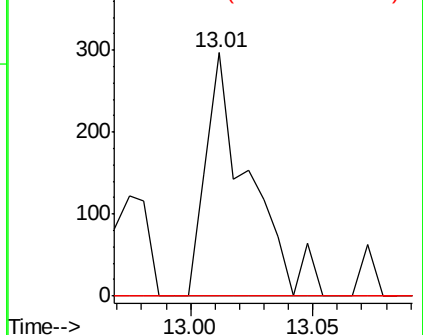
157 0.0 64.3 192.7#

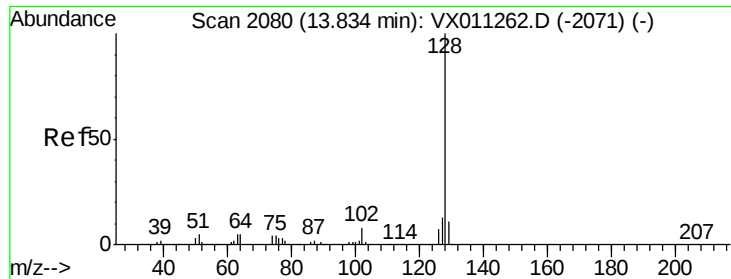


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

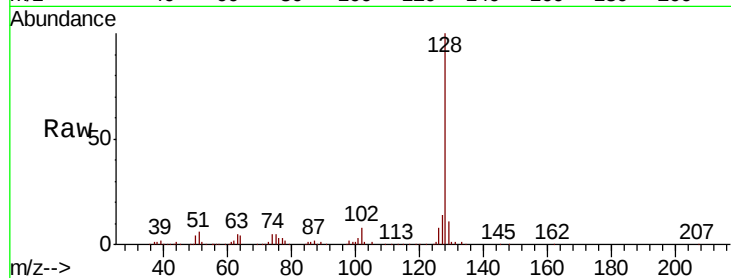




#95
Naphthalene
Concen: 6.425 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011534.D
Acq: 13 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	12.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

