

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
 Data File : VX013529.D
 Acq On : 22 Nov 2019 13:39
 Operator : JC/SP
 Sample : K5958-06DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL2

Quant Time: Nov 22 14:44:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1098556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	991539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	400142	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	329098	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.71	98	1311001	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	444925	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds				Qvalue		
5) Bromomethane	1.64	94	1602	0.240	ug/l #	69
6) Chloroethane	1.70	64	879	Below Cal	#	70
11) Tert butyl alcohol	3.00	59	11686	5.549	ug/l #	81
13) Acrolein	2.28	56	411	0.360	ug/l #	66
15) Acrylonitrile	3.13	53	908	0.231	ug/l #	34
16) Acetone	2.43	43	5753	1.443	ug/l #	80
20) Methylene Chloride	2.84	84	3110	0.422	ug/l #	72
29) Tetrahydrofuran	5.12	42	876	0.243	ug/l #	8
31) Cyclohexane	5.65	56	12355	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	45566	4.835	ug/l #	52
38) Carbon Tetrachloride	5.65	117	60576	6.573	ug/l #	17
41) Methacrylonitrile	5.01	41	1476	0.226	ug/l #	49
44) Trichloroethene	7.22	130	2195	0.272	ug/l	74
49) 1,4-Dioxane	7.73	88	414	1.997	ug/l #	43
56) Ethyl methacrylate	9.15	69	471	1.598	ug/l #	1
64) Tetrachloroethene	9.33	164	1493	0.210	ug/l #	77
67) Ethyl Benzene	10.25	91	59324	1.712	ug/l	97
68) m/p-Xylenes	10.36	106	26535	2.025	ug/l	97
69) o-Xylene	10.69	106	2818	0.220	ug/l	55
71) Bromoform	10.85	173	220	3.233	ug/l #	28
73) Isopropylbenzene	11.01	105	43223	1.454	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	218201	23.968	ug/l #	33
78) n-propylbenzene	11.35	91	89289	2.697	ug/l	96
79) 2-Chlorotoluene	11.43	91	16298	0.817	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.50	105	115531	4.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	218201	61.692	ug/l #	9
82) 4-Chlorotoluene	11.50	91	11497	0.492	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	616452	24.826	ug/l	97
85) sec-Butylbenzene	11.94	105	21445	0.749	ug/l #	75
86) p-Isopropyltoluene	12.06	119	18077	0.685	ug/l	93
89) n-Butylbenzene	12.39	91	16496	0.717	ug/l #	41
90) Hexachloroethane	12.59	117	2242	0.477	ug/l #	25
95) Naphthalene	13.83	128	28888	0.935	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

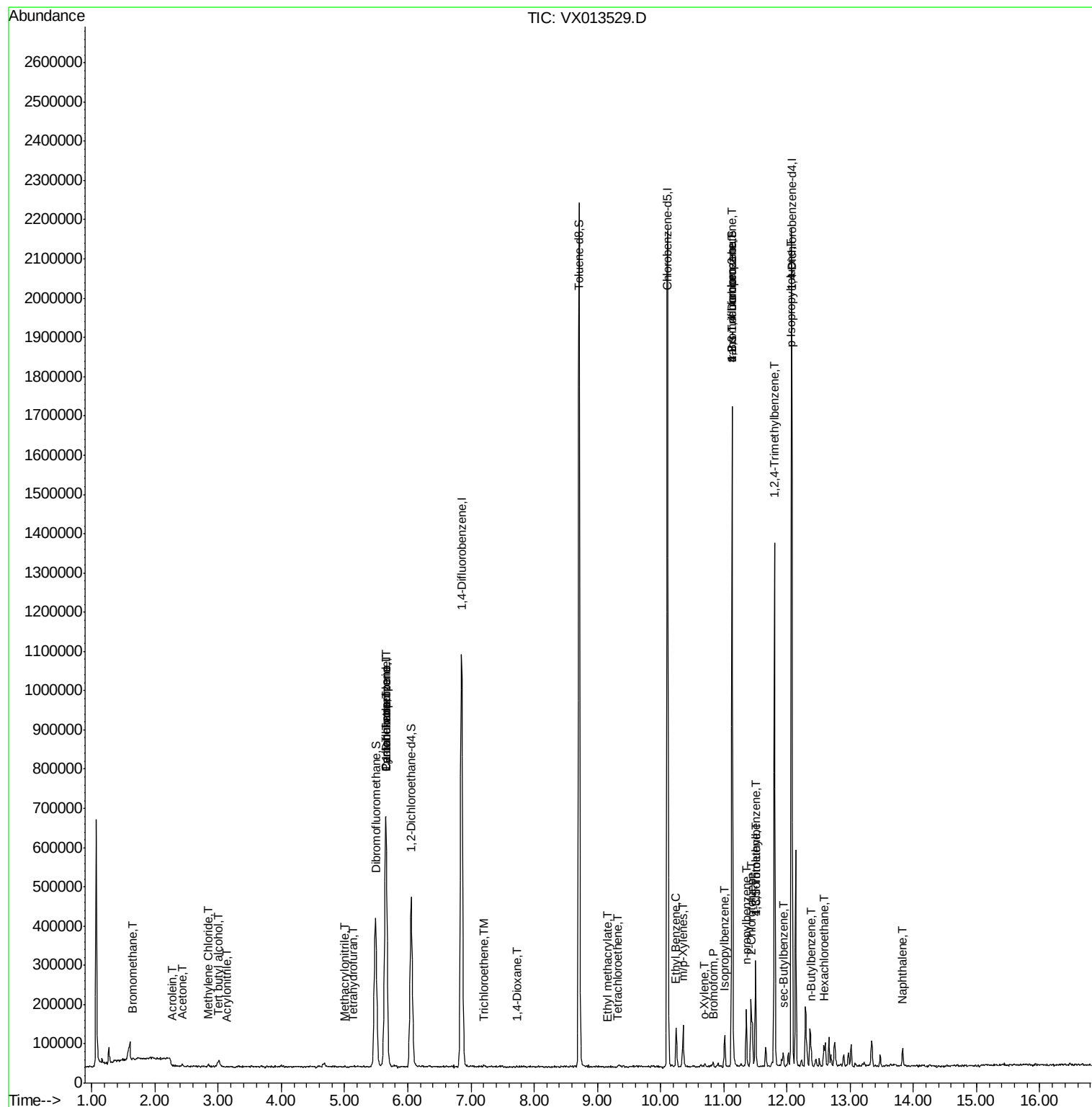
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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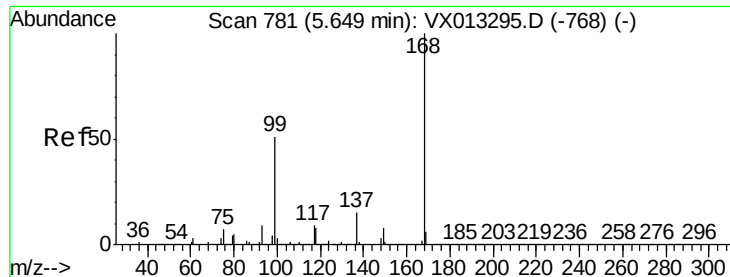
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

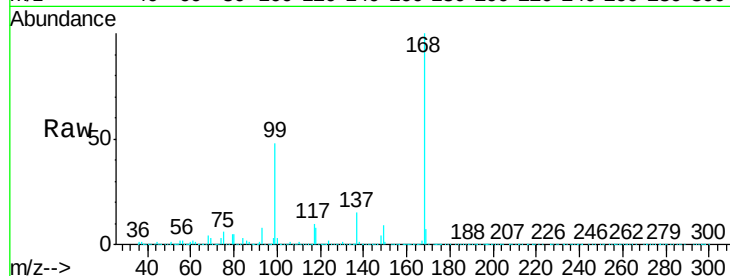
MW-4DL2

Tgt Ion:168 Resp: 674471

Ion Ratio Lower Upper

168 100

99 47.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

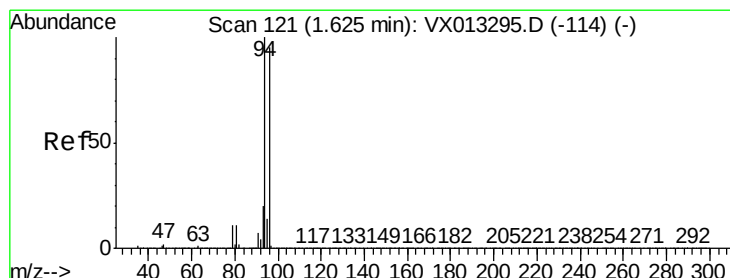
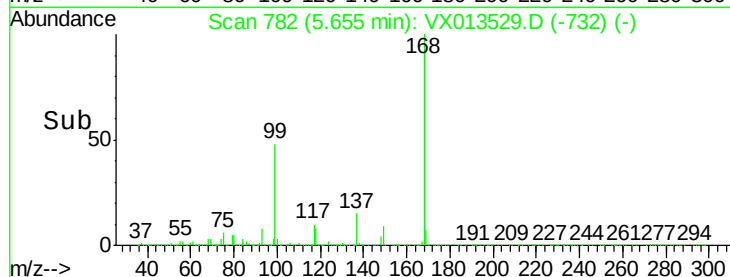
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.240 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX013529.D

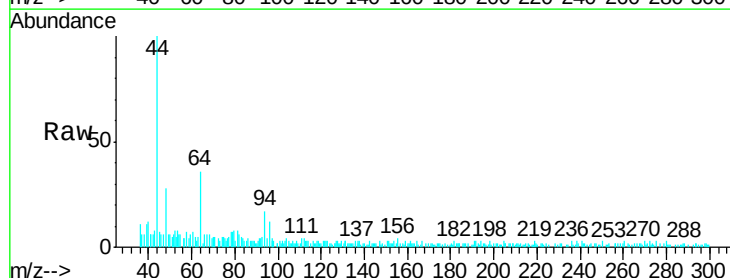
Acq: 22 Nov 2019 13:39

Tgt Ion: 94 Resp: 1602

Ion Ratio Lower Upper

94 100

96 64.5 75.8 113.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

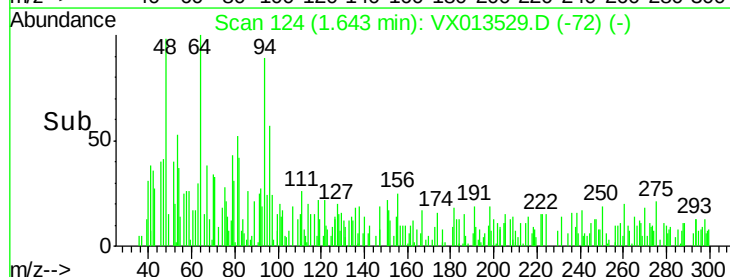
400

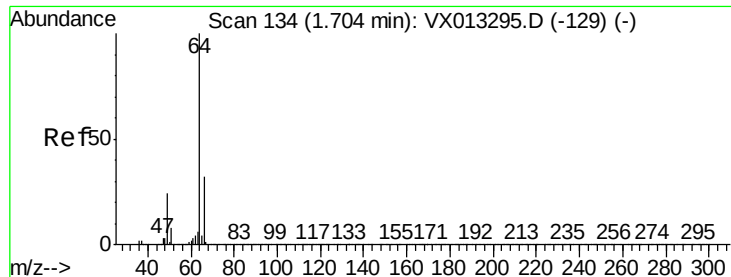
200

0

1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

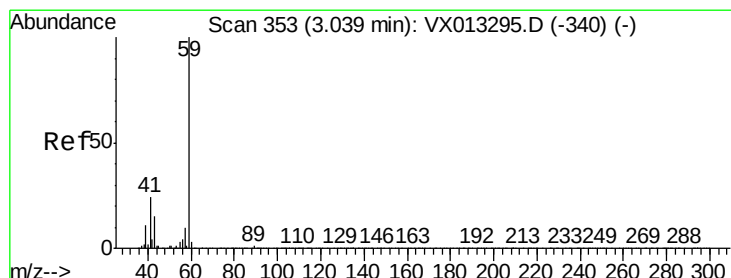
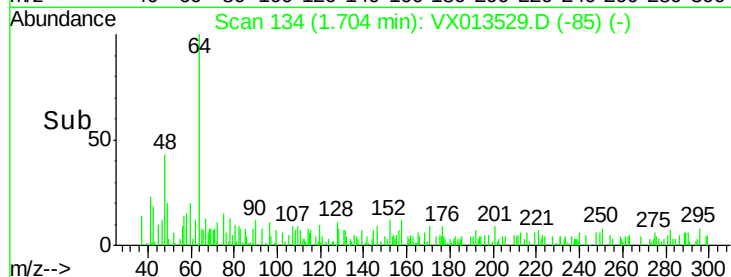
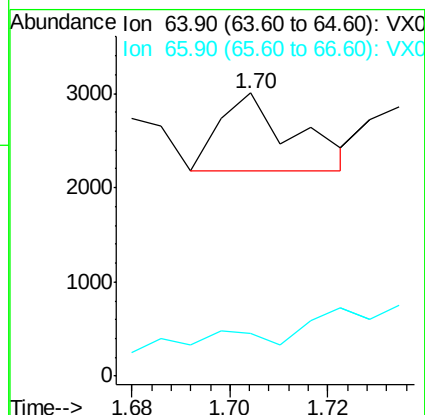
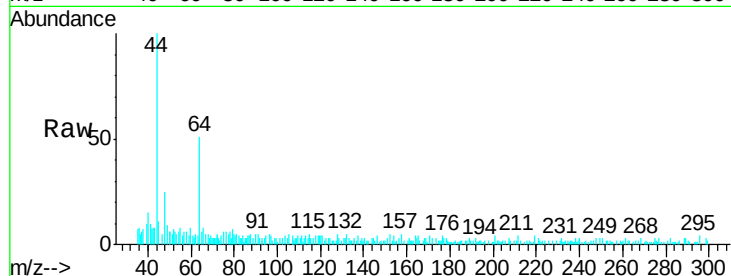
MW-4DL2

Tgt Ion: 64 Resp: 879

Ion Ratio Lower Upper

64 100

66 15.3 25.6 38.4#



#11

Tert butyl alcohol

Concen: 5.549 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.04 min

Lab File: VX013529.D

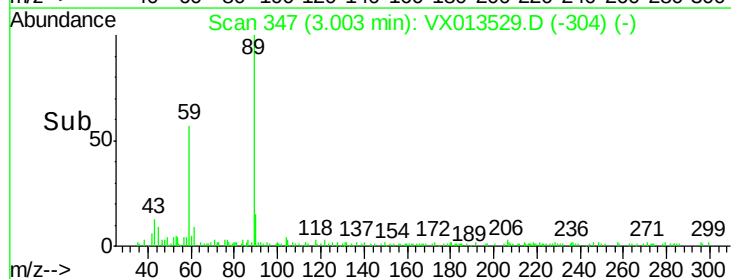
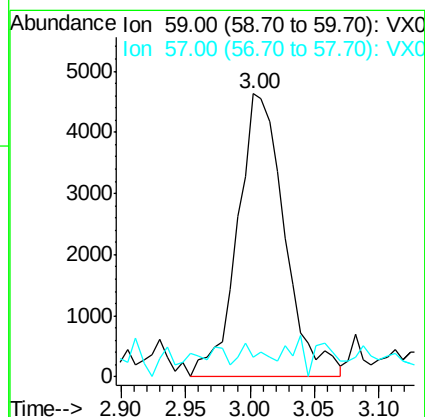
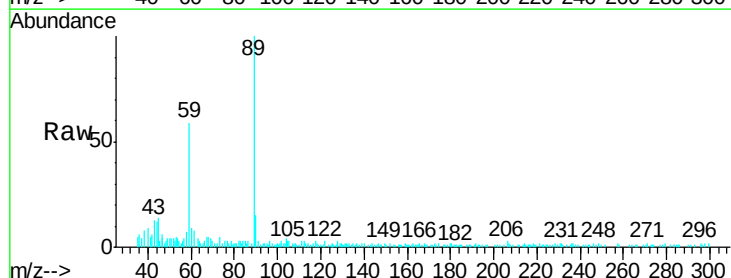
Acq: 22 Nov 2019 13:39

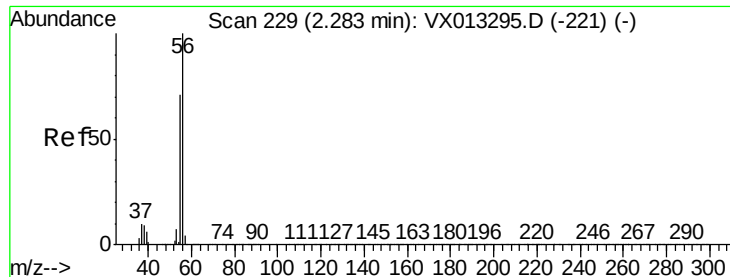
Tgt Ion: 59 Resp: 11686

Ion Ratio Lower Upper

59 100

57 3.1 8.0 12.0#





#13

Acrolein

Concen: 0.360 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

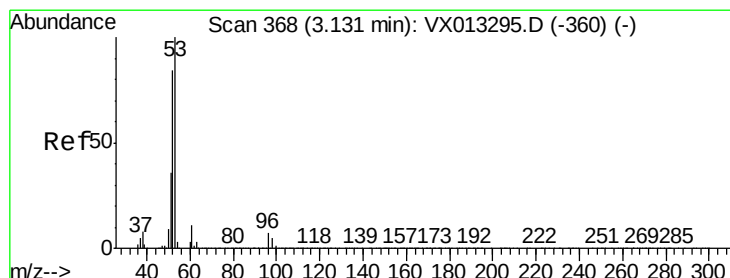
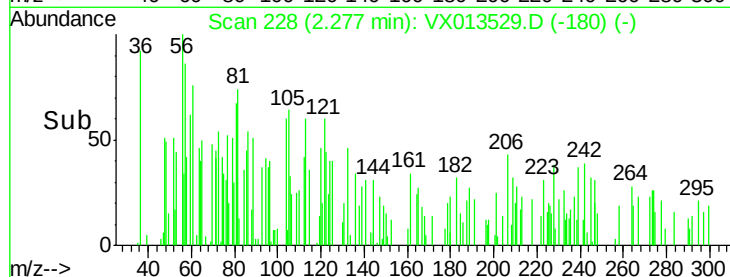
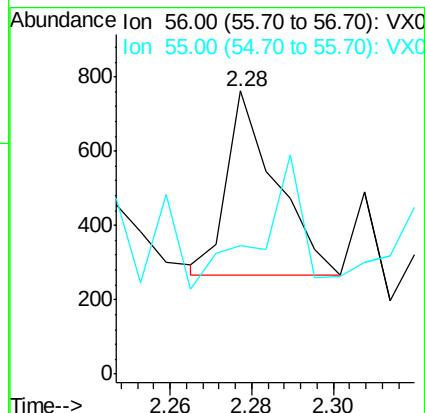
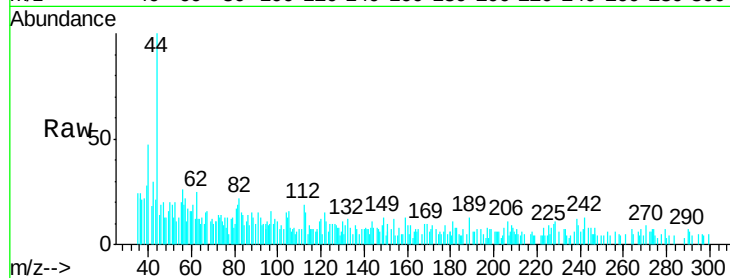
MW-4DL2

Tgt Ion: 56 Resp: 411

Ion Ratio Lower Upper

56 100

55 43.3 57.4 86.0#



#15

Acrylonitrile

Concen: 0.231 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

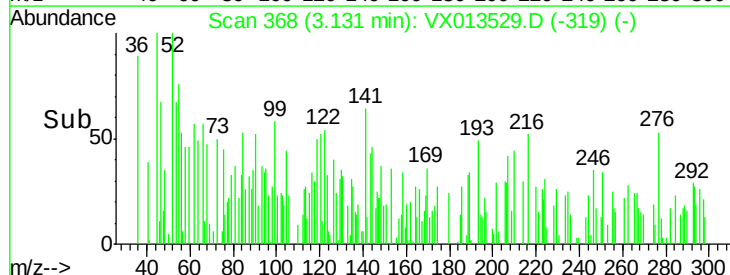
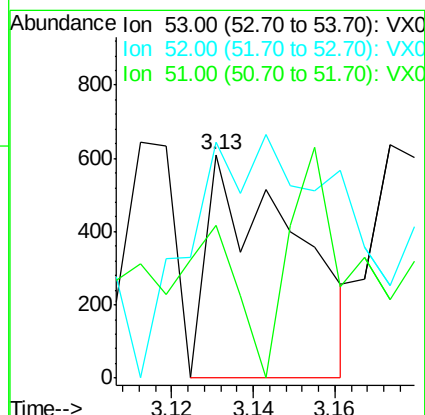
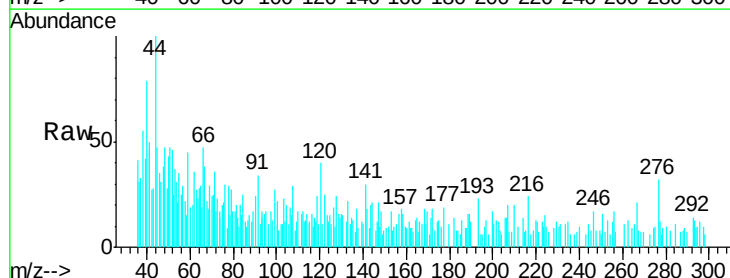
Tgt Ion: 53 Resp: 908

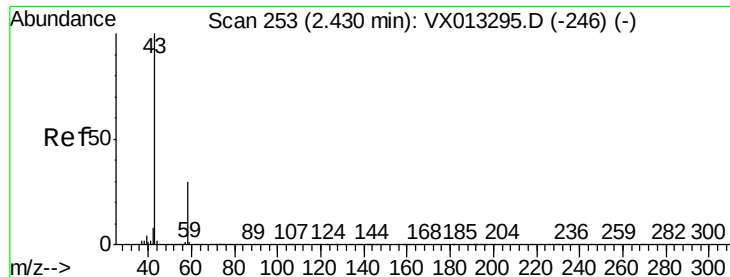
Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 38.9 29.4 44.2





#16

Acetone

Concen: 1.443 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

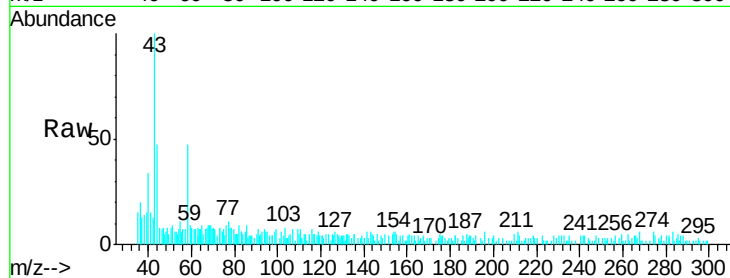
MW-4DL2

Tgt Ion: 43 Resp: 5753

Ion Ratio Lower Upper

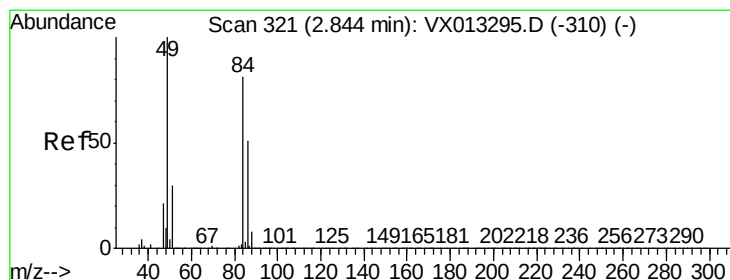
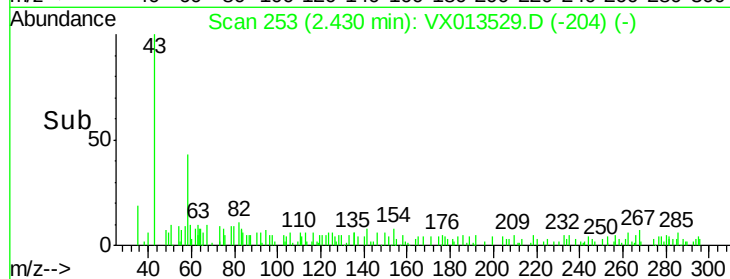
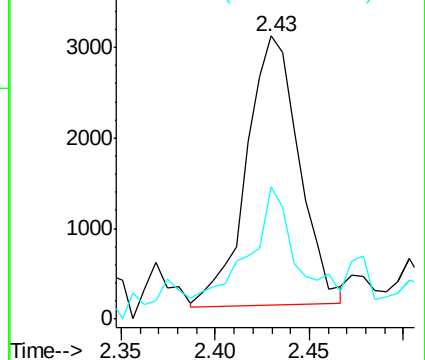
43 100

58 41.5 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.422 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Tgt Ion: 84 Resp: 3110

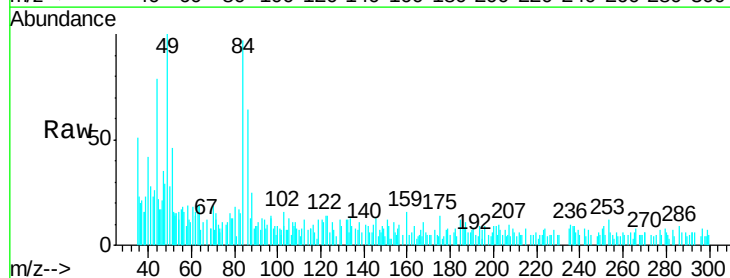
Ion Ratio Lower Upper

84 100

49 83.9 98.2 147.4#

51 18.9 29.9 44.9#

86 51.2 49.9 74.9

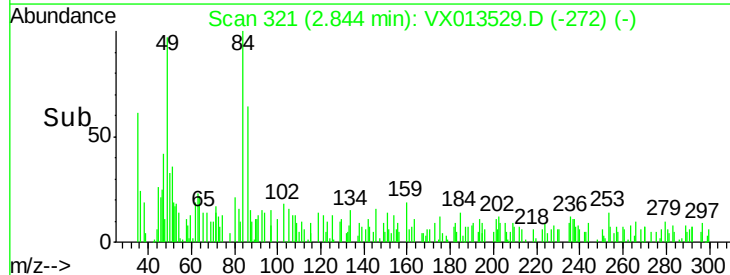
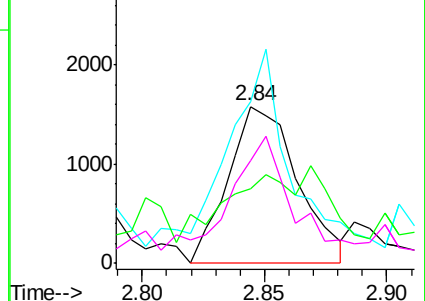


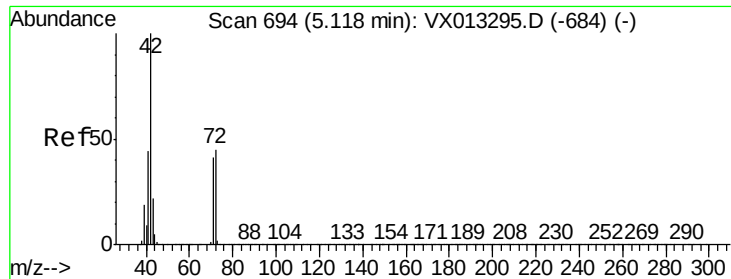
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

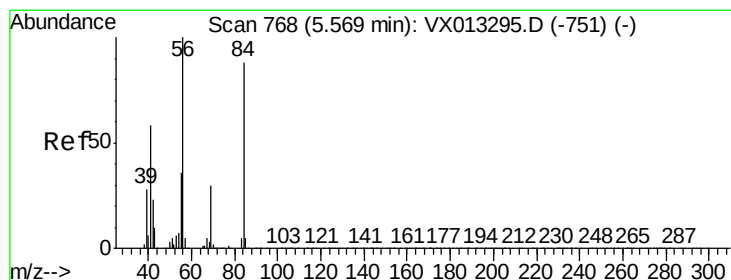
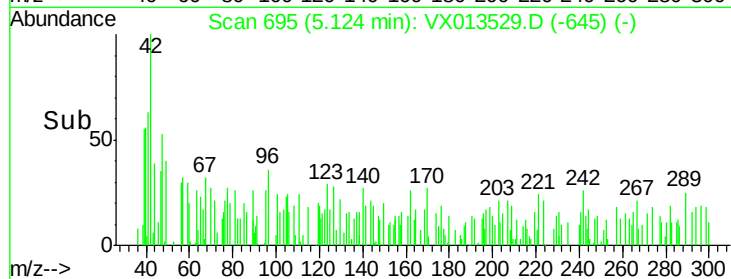
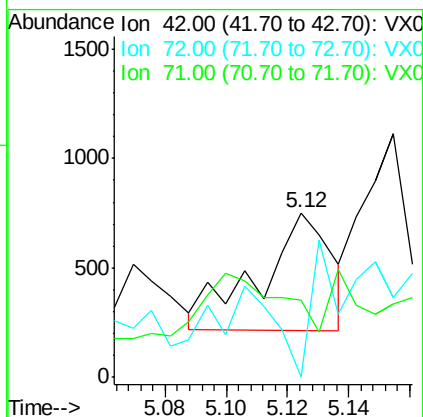
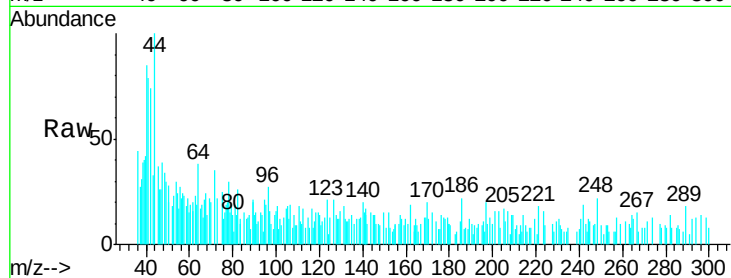




#29
Tetrahydrofuran
Concen: 0.243 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

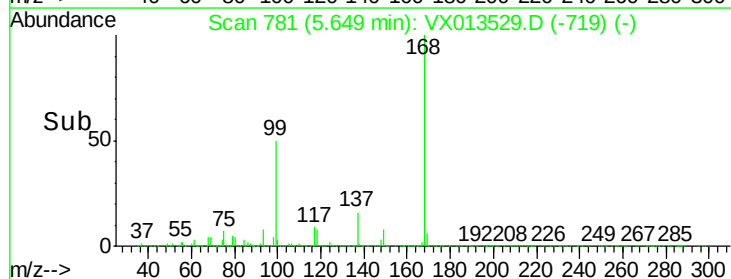
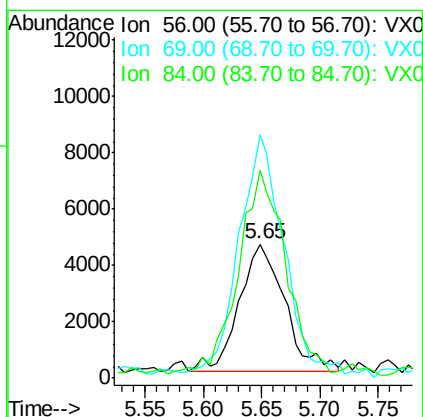
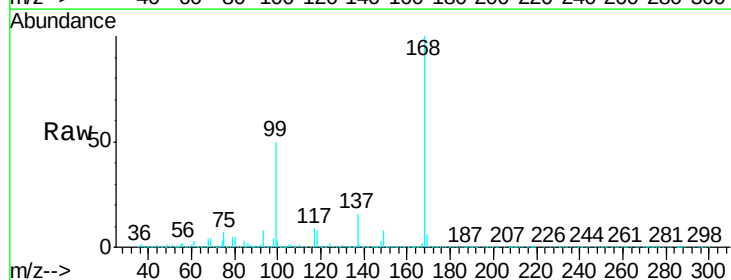
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL2

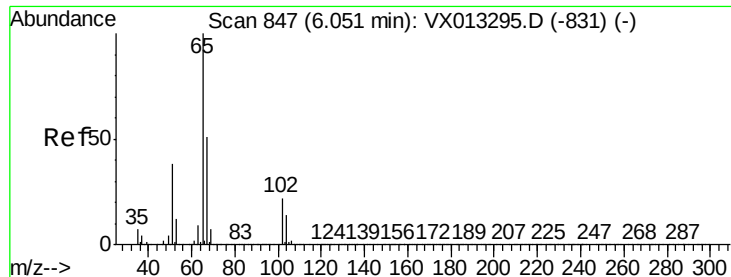
Tgt Ion: 42 Resp: 876
Ion Ratio Lower Upper
42 100
72 140.5 35.8 53.8#
71 20.2 33.4 50.0#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 56 Resp: 12355
Ion Ratio Lower Upper
56 100
69 191.6 23.7 35.5#
84 162.6 70.6 105.8#

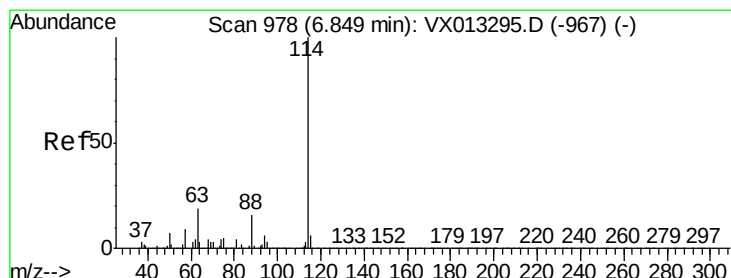
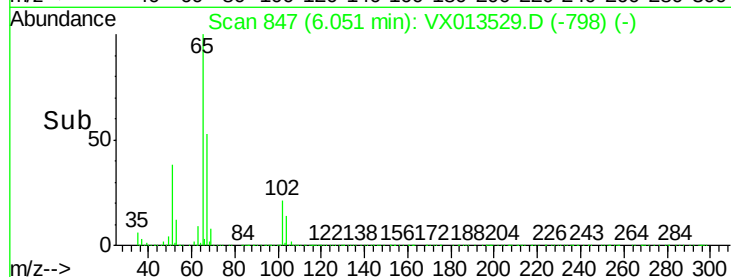
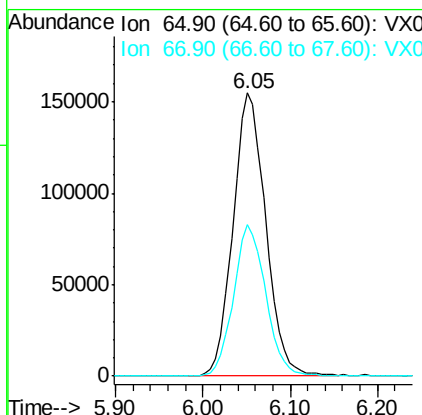
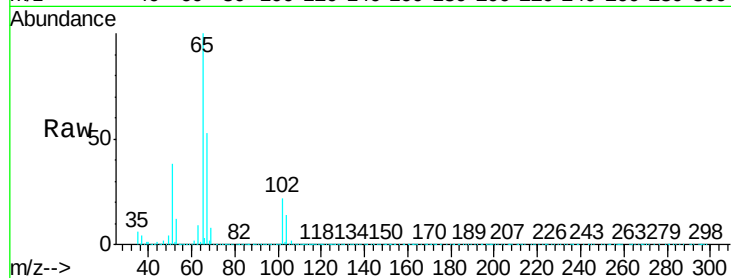




#33
 1,2-Dichloroethane-d4
 Concen: 50.077 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013529.D
 Acq: 22 Nov 2019 13:39

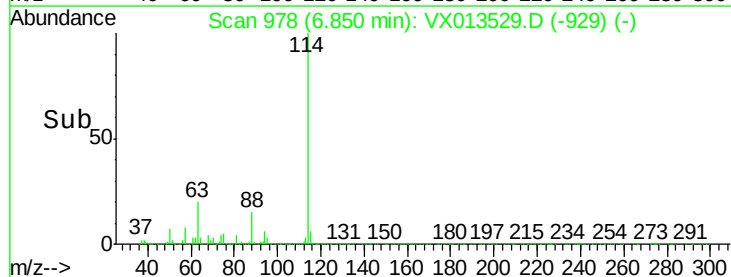
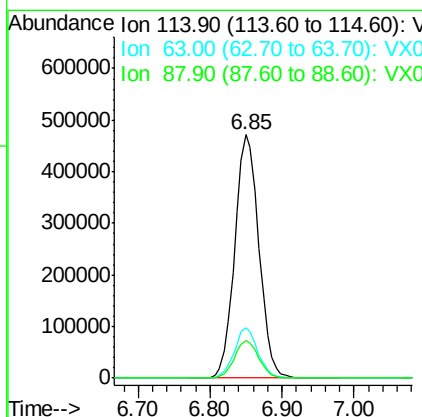
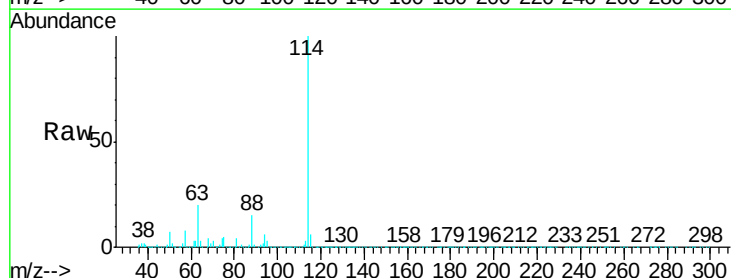
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL2

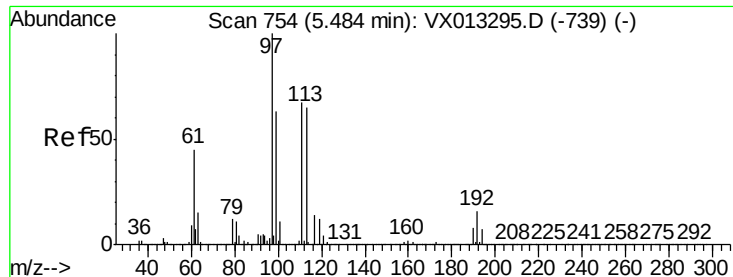
Tgt Ion: 65 Resp: 400142
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013529.D
 Acq: 22 Nov 2019 13:39

Tgt Ion: 114 Resp: 1098556
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.4
 88 15.2 0.0 32.2

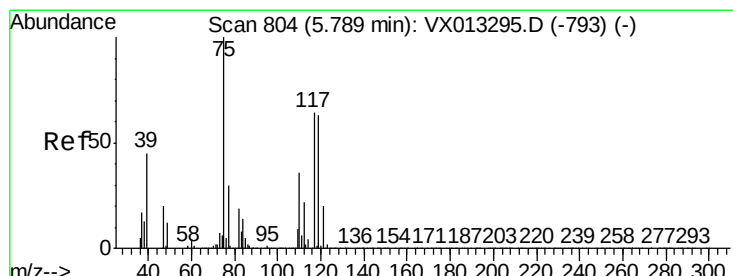
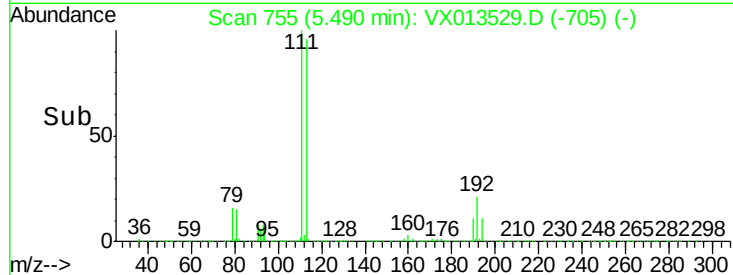
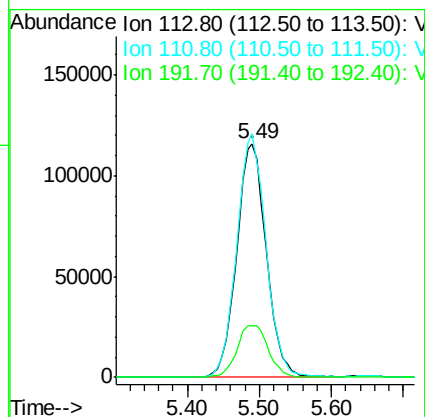
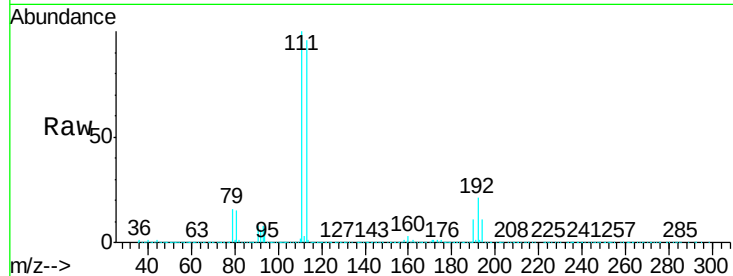




#35
Dibromofluoromethane
Concen: 47.763 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

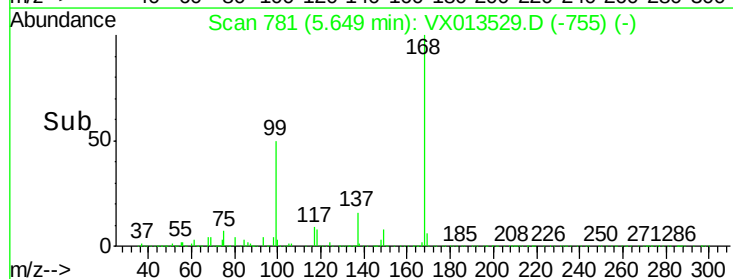
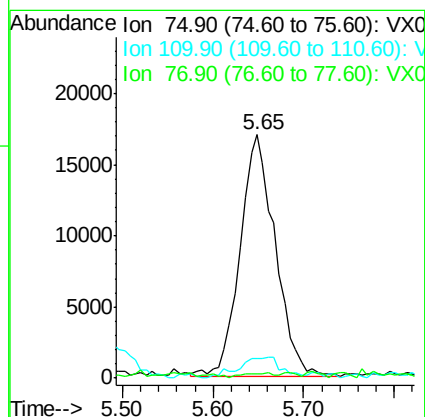
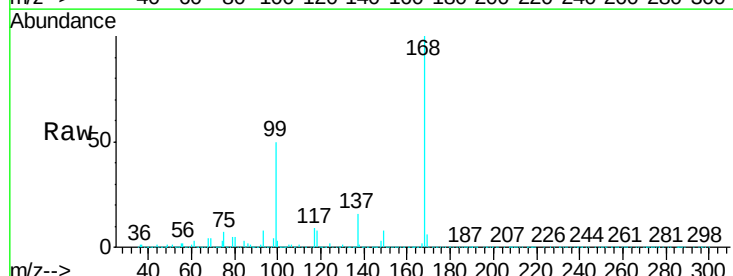
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL2

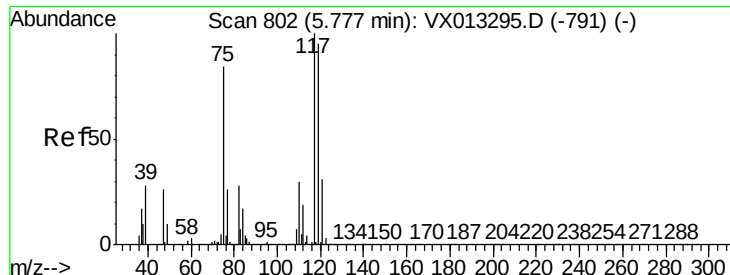
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	23.3	19.1	28.7



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.1#
77	1.8	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.573 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL2

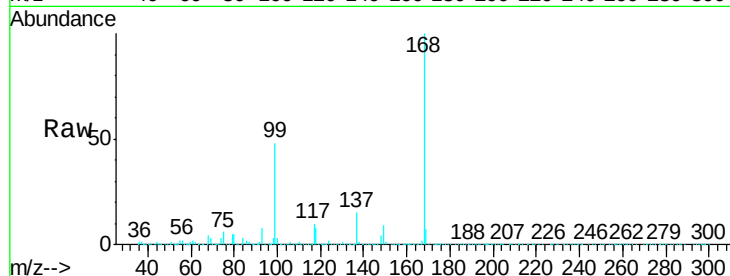
Tgt Ion: 117 Resp: 60576

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

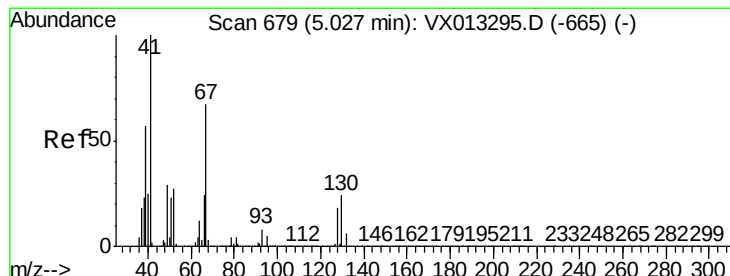
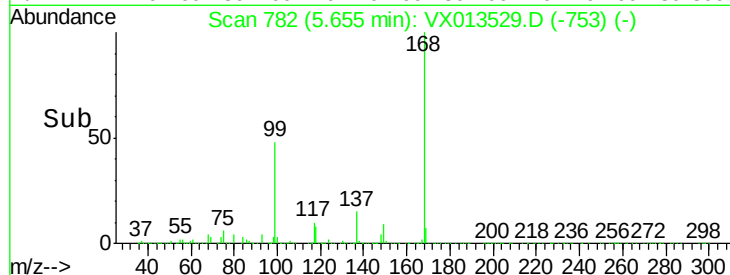
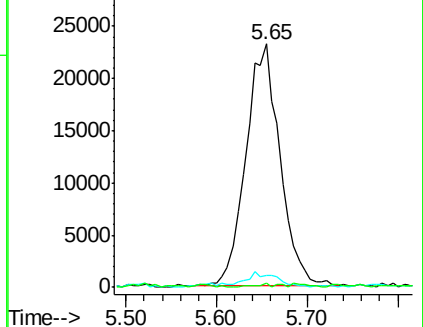
121 1.2 24.6 37.0#



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



#41

Methacrylonitrile

Concen: 0.226 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Tgt Ion: 41 Resp: 1476

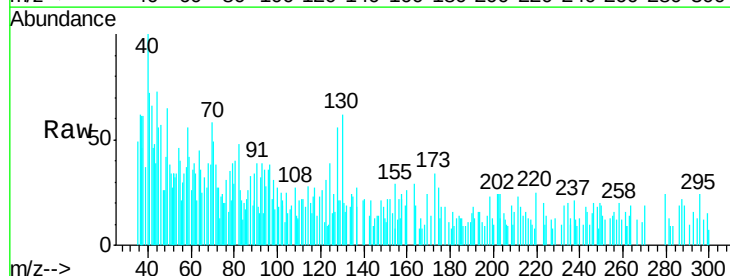
Ion Ratio Lower Upper

41 100

39 27.8 45.0 67.6#

67 21.3 55.4 83.2#

52 0.0 23.1 34.7#

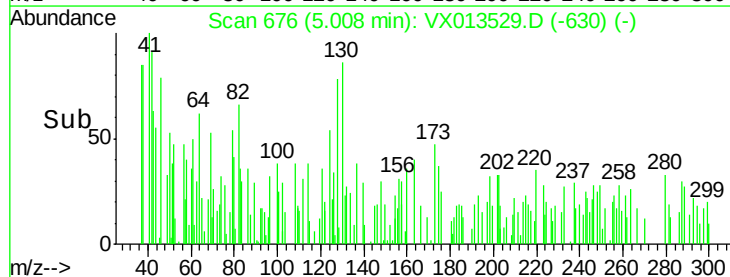
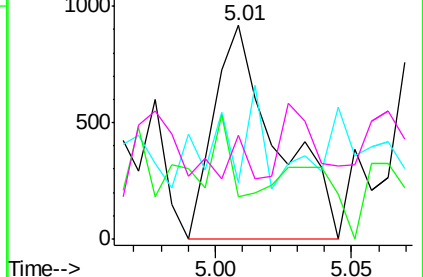


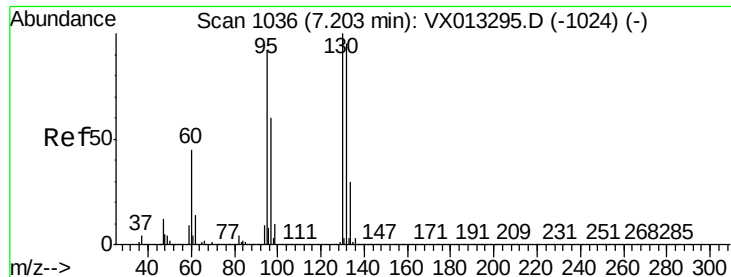
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 0.272 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

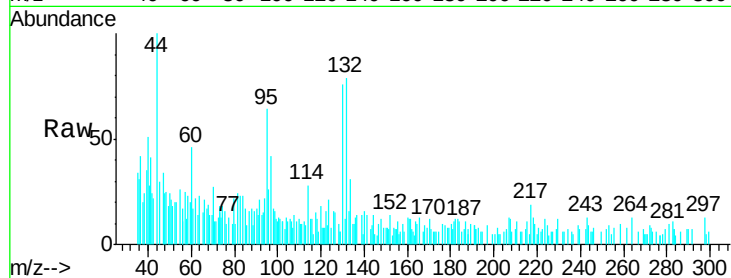
MW-4DL2

Tgt Ion:130 Resp: 2195

Ion Ratio Lower Upper

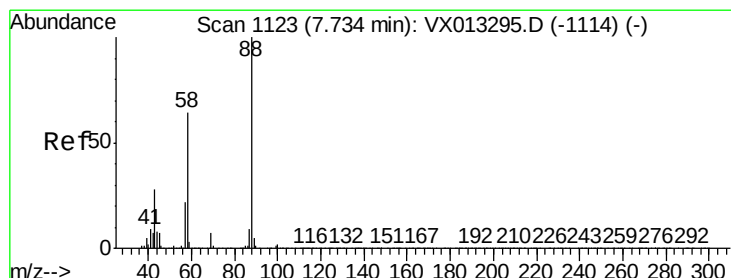
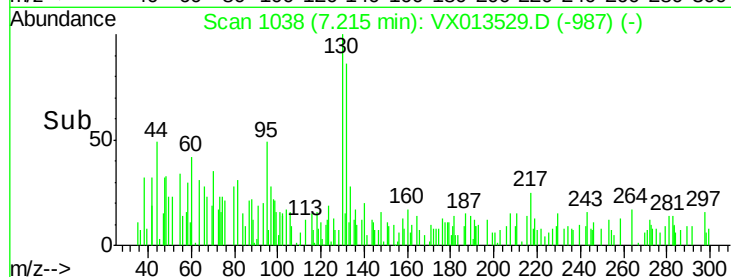
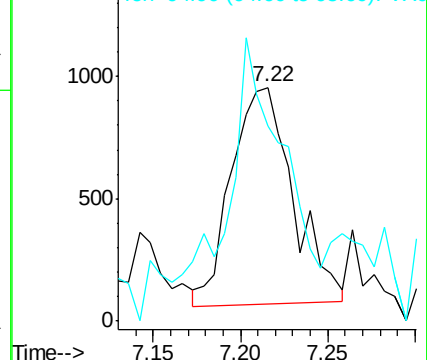
130 100

95 67.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.997 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

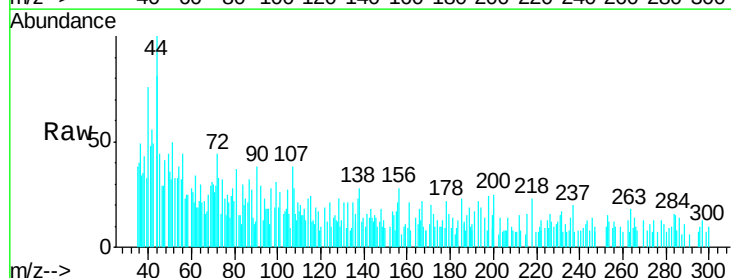
Tgt Ion: 88 Resp: 414

Ion Ratio Lower Upper

88 100

43 66.9 26.6 39.8#

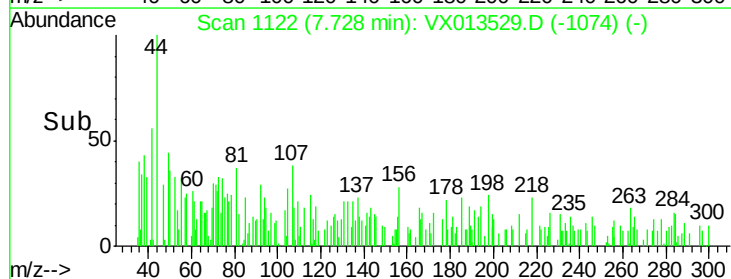
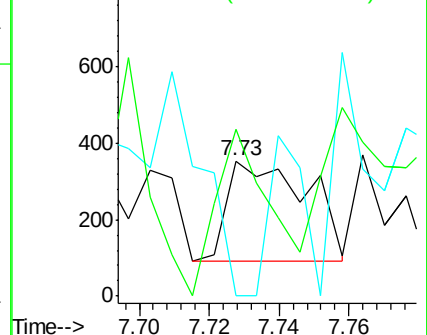
58 114.7 55.0 82.6#

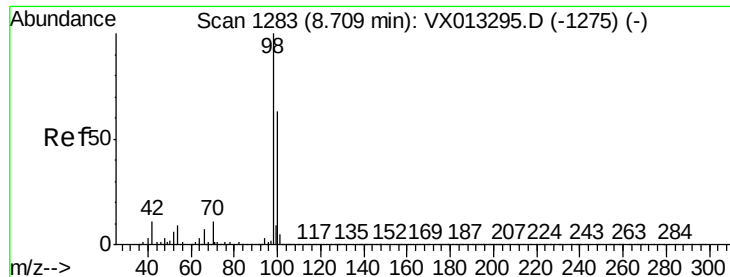


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

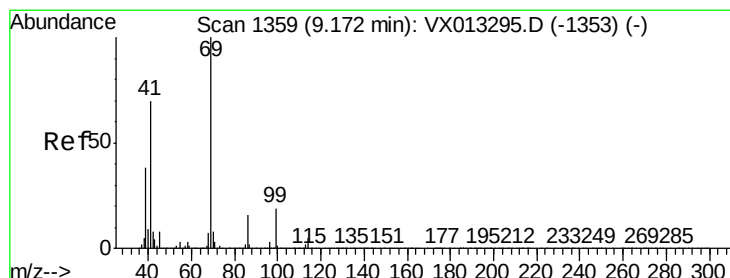
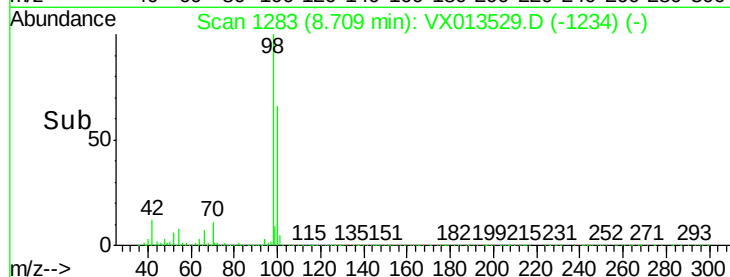
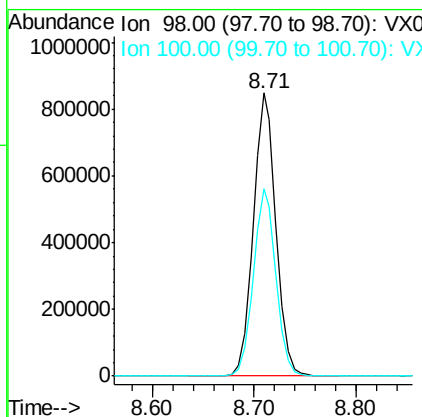
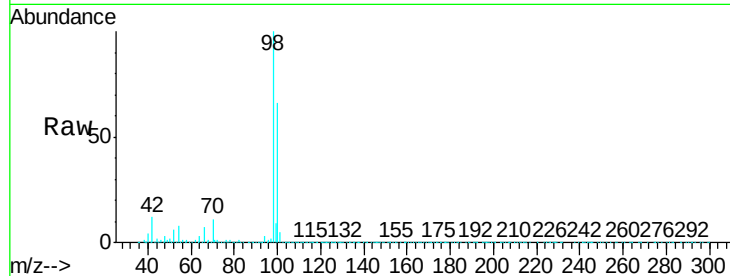




#50
Toluene-d8
Concen: 50.470 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

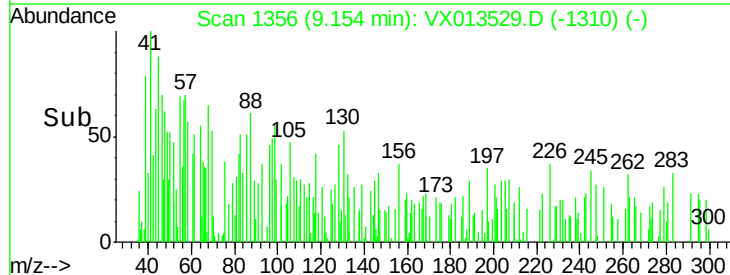
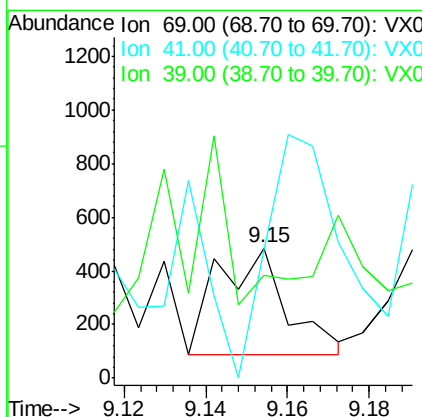
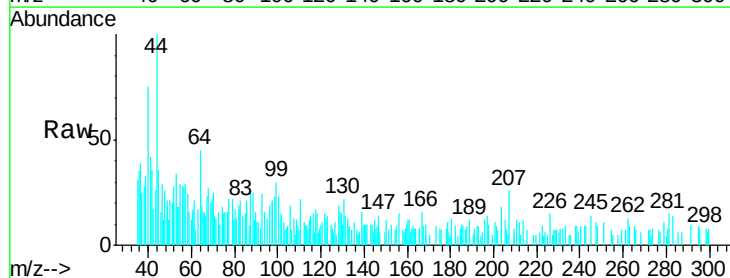
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL2

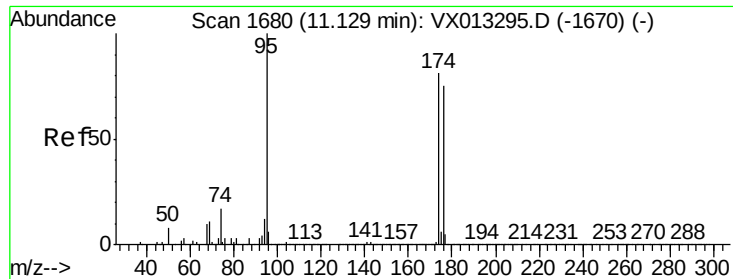
Tgt Ion: 98 Resp: 1311001
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



#56
Ethyl methacrylate
Concen: 1.598 ug/l
RT: 9.15 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 69 Resp: 471
Ion Ratio Lower Upper
69 100
41 258.8 56.2 84.2#
39 35.5 31.1 46.7





#62

4-Bromofluorobenzene

Concen: 47.460 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL2

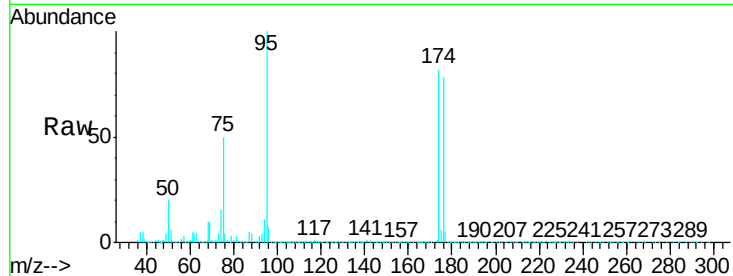
Tgt Ion: 95 Resp: 444925

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

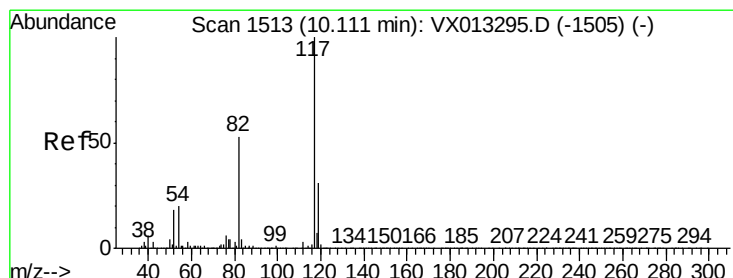
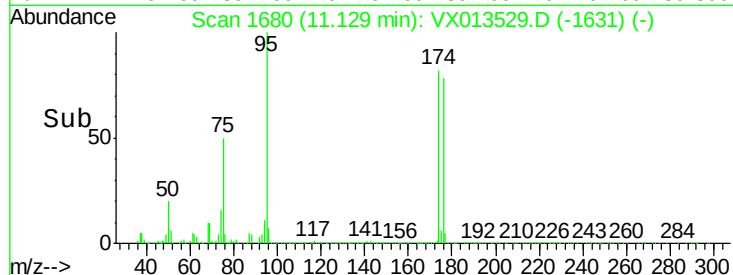
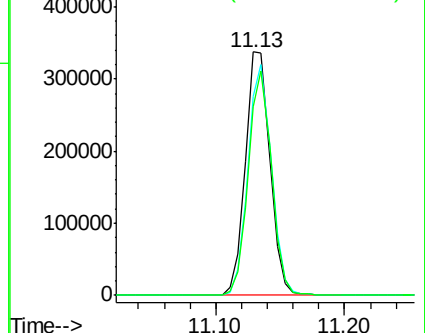
176 86.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

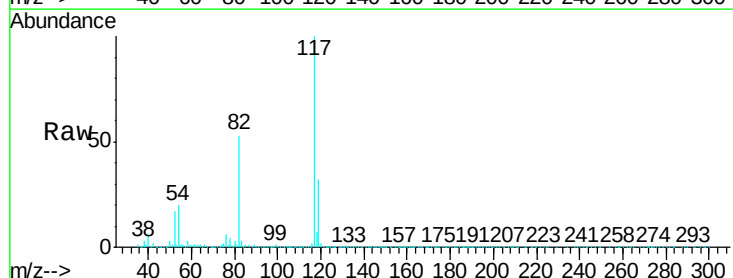
Tgt Ion: 117 Resp: 991539

Ion Ratio Lower Upper

117 100

82 52.8 42.6 64.0

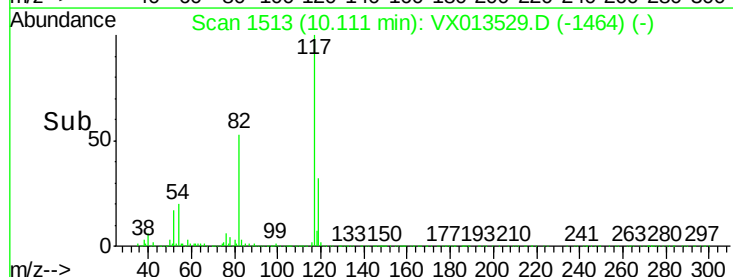
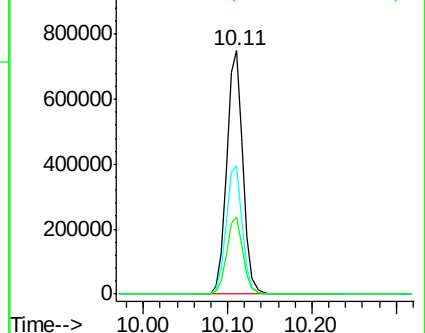
119 31.5 24.8 37.2

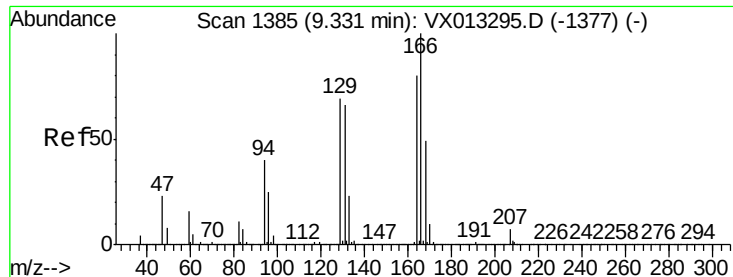


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#64

Tetrachloroethene

Concen: 0.210 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL2

Tgt Ion:164 Resp: 1493

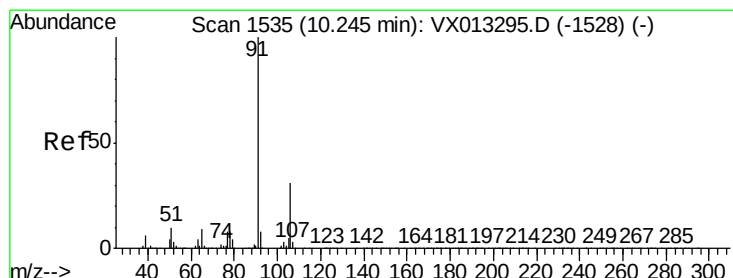
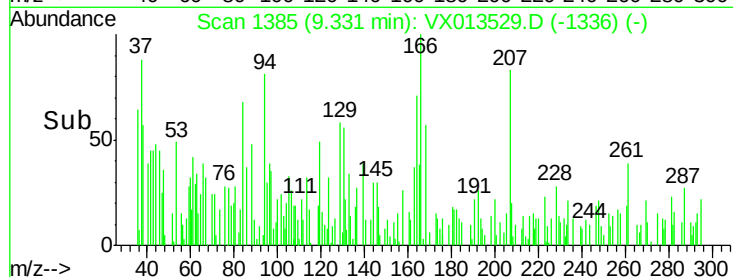
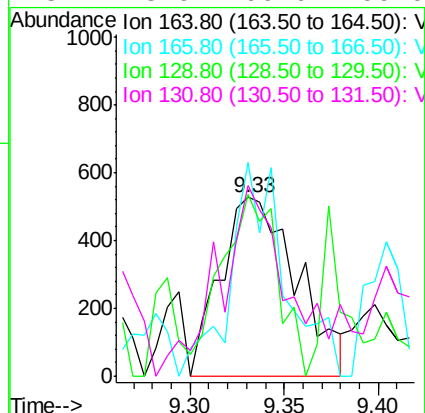
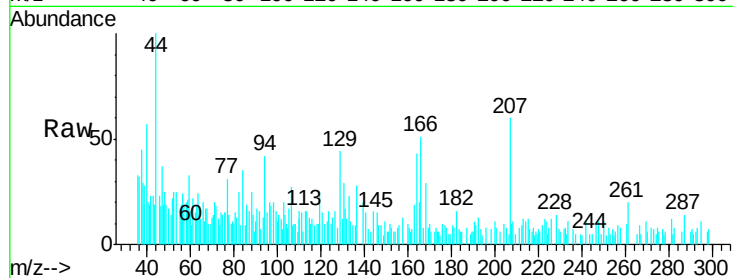
Ion Ratio Lower Upper

164 100

166 134.1 100.4 150.6

129 115.4 69.4 104.2#

131 118.9 66.6 100.0#



#67

Ethyl Benzene

Concen: 1.712 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013529.D

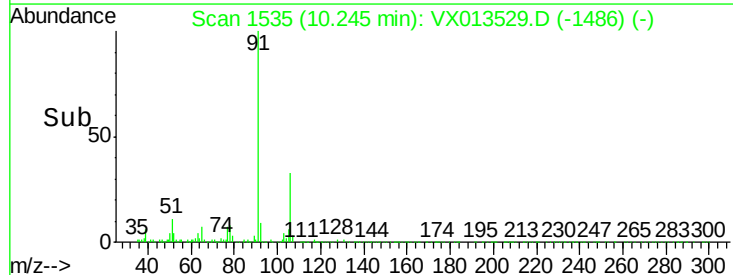
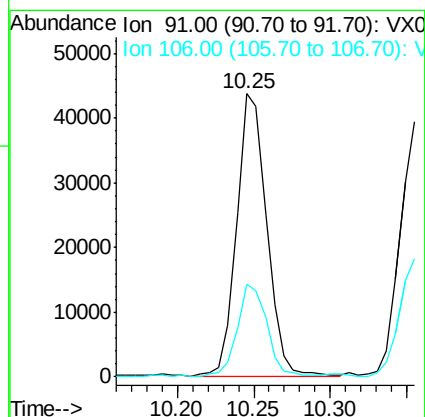
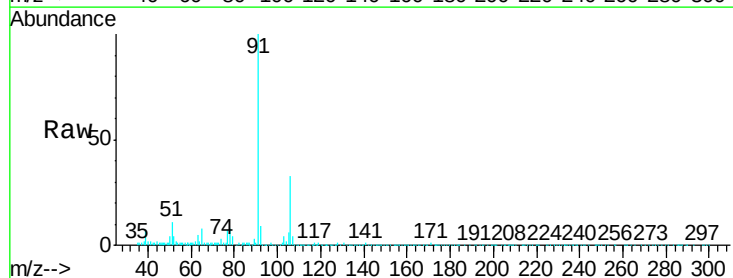
Acq: 22 Nov 2019 13:39

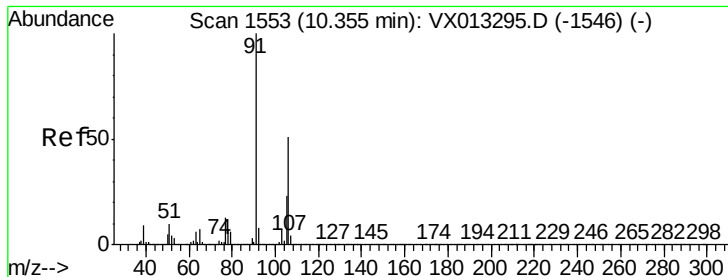
Tgt Ion: 91 Resp: 59324

Ion Ratio Lower Upper

91 100

106 32.5 24.6 36.8





#68

m/p-Xylenes

Concen: 2.025 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

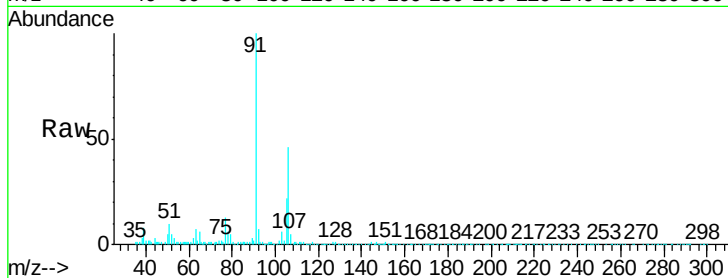
MW-4DL2

Tgt Ion:106 Resp: 26535

Ion Ratio Lower Upper

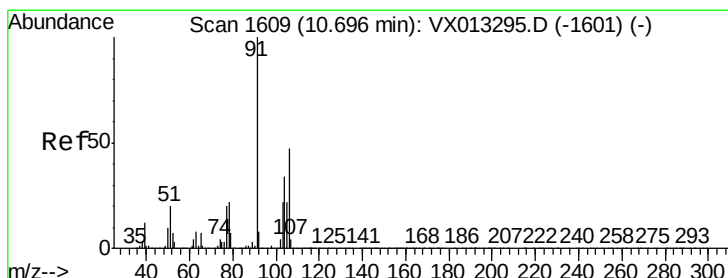
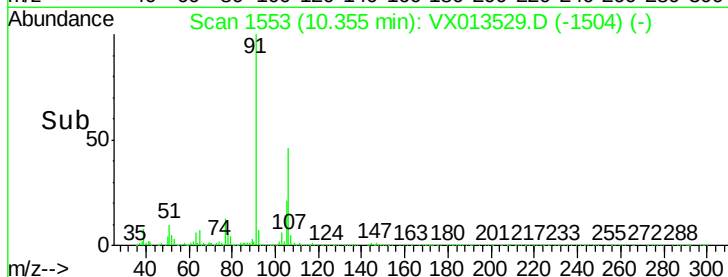
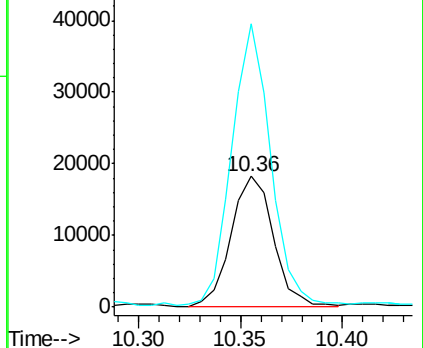
106 100

91 194.2 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.220 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX013529.D

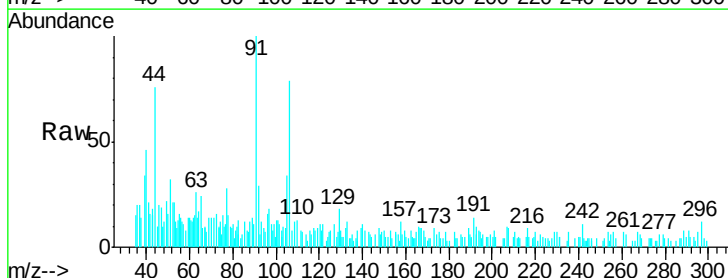
Acq: 22 Nov 2019 13:39

Tgt Ion:106 Resp: 2818

Ion Ratio Lower Upper

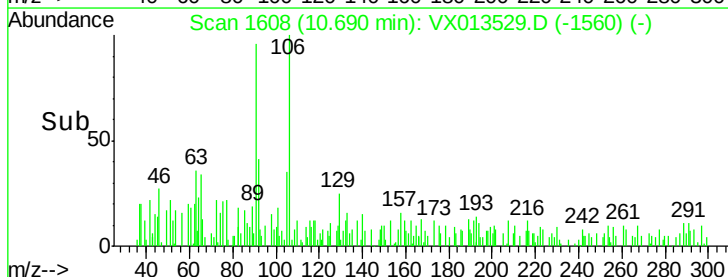
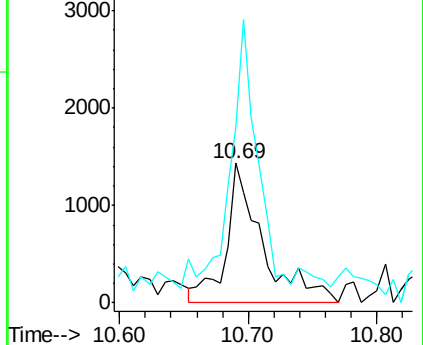
106 100

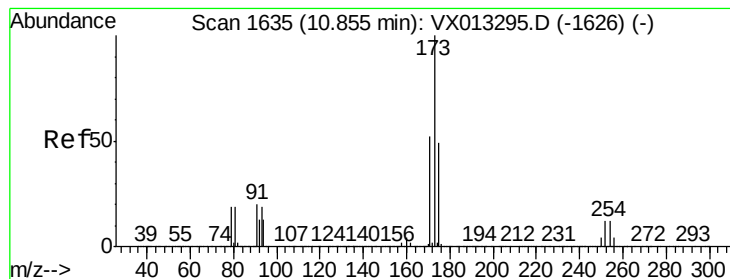
91 141.0 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 3.233 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

MW-4DL2

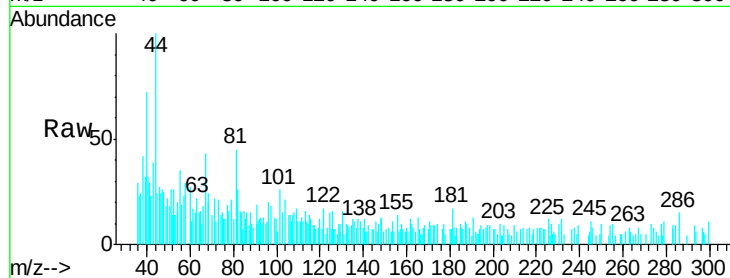
Tgt Ion:173 Resp: 220

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

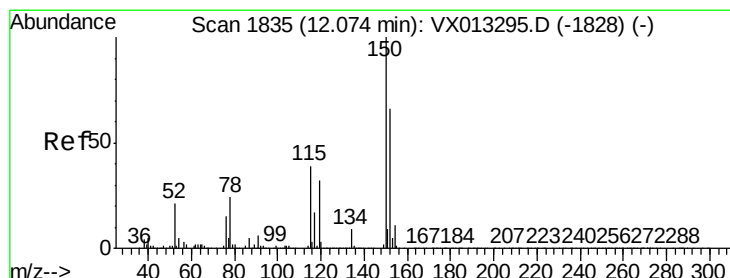
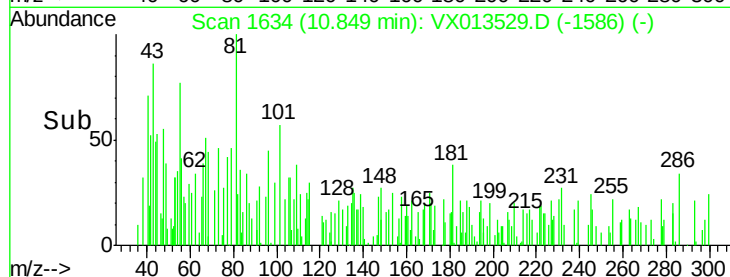
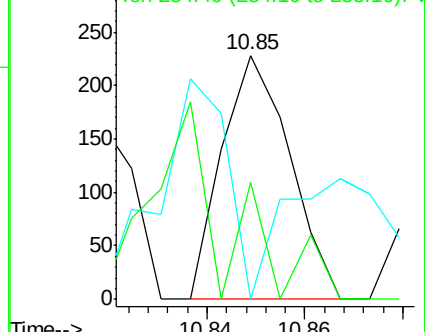
254 88.6 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

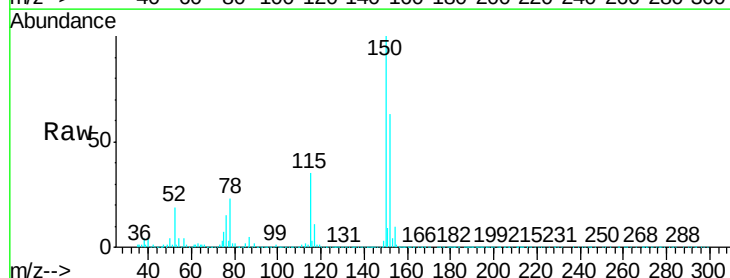
Tgt Ion:152 Resp: 448224

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

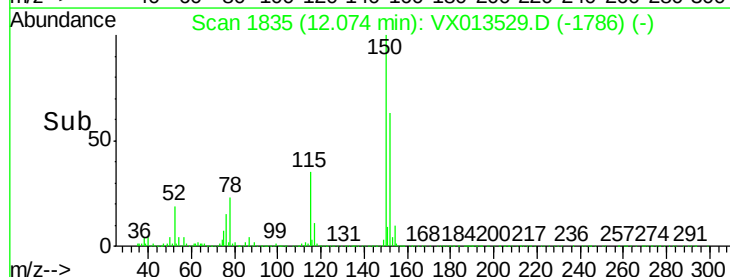
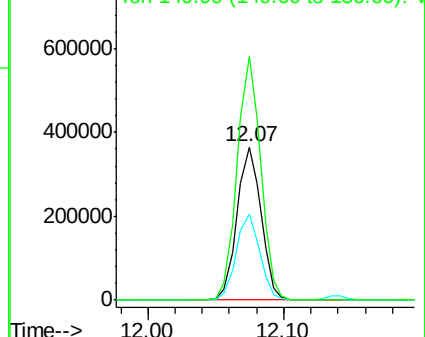
150 156.7 0.0 344.4

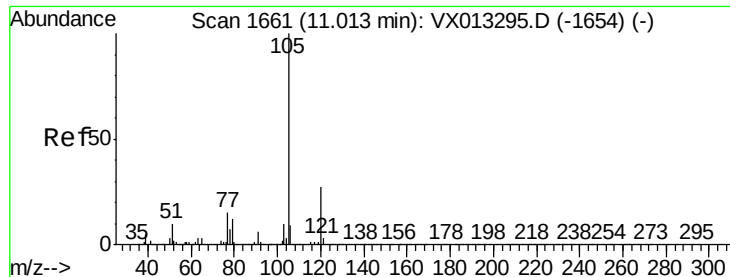


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.454 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

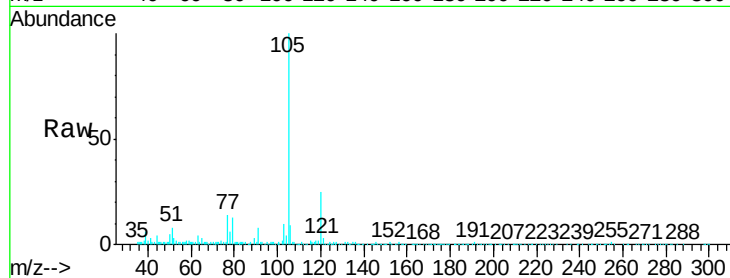
MW-4DL2

Tgt Ion: 105 Resp: 43223

Ion Ratio Lower Upper

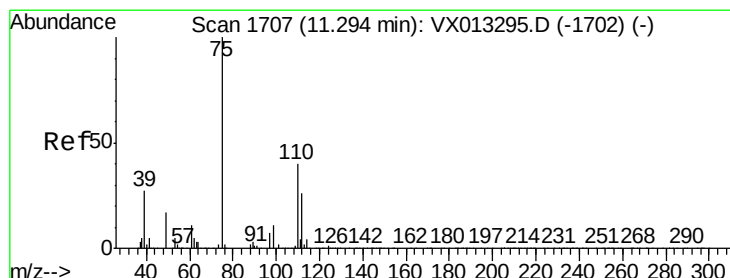
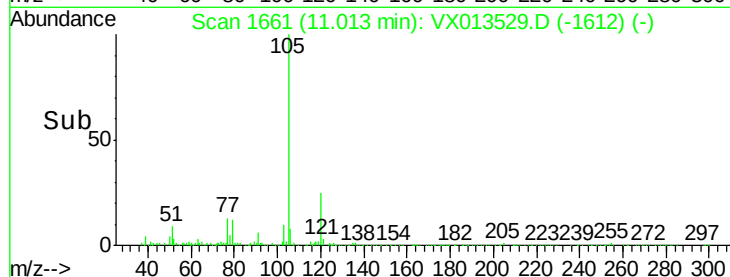
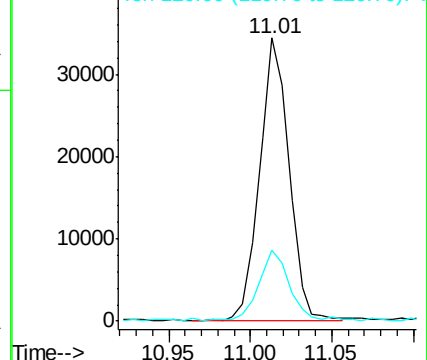
105 100

120 25.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.968 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013529.D

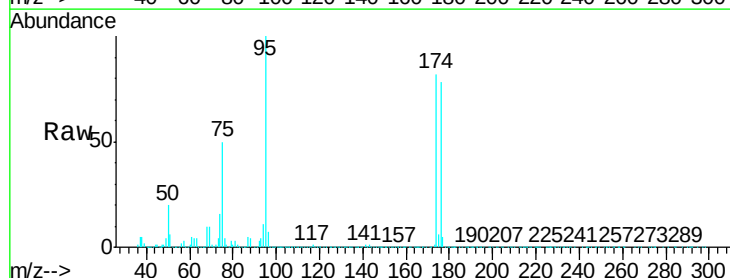
Acq: 22 Nov 2019 13:39

Tgt Ion: 75 Resp: 218201

Ion Ratio Lower Upper

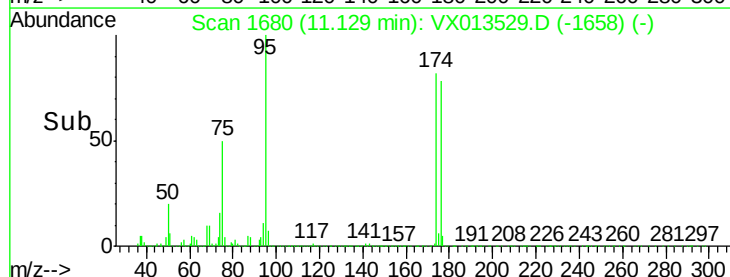
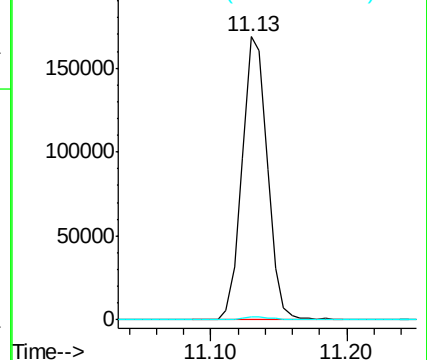
75 100

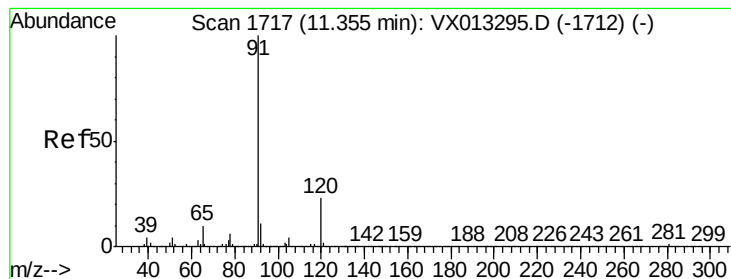
77 1.2 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.697 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

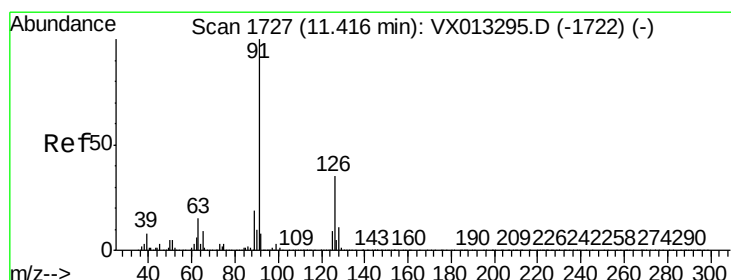
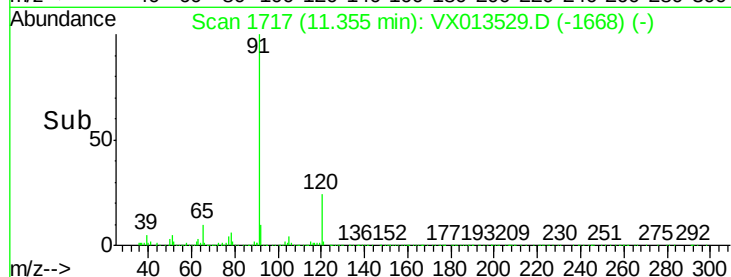
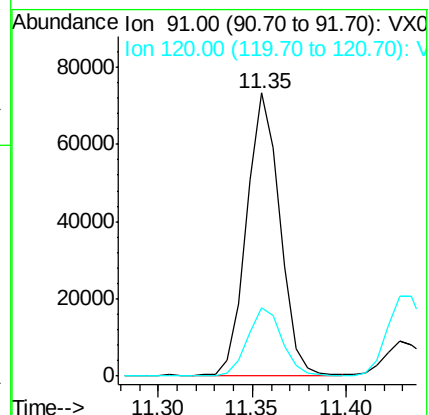
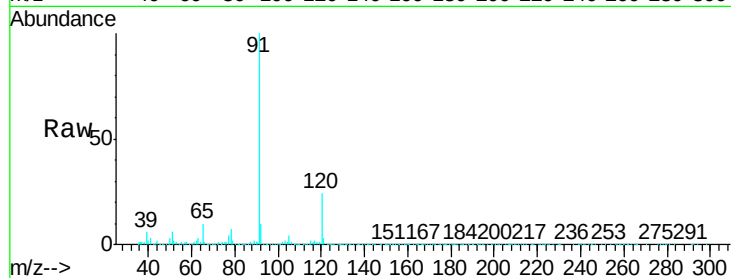
MW-4DL2

Tgt Ion: 91 Resp: 89289

Ion Ratio Lower Upper

91 100

120 25.0 11.6 34.8



#79

2-Chlorotoluene

Concen: 0.817 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013529.D

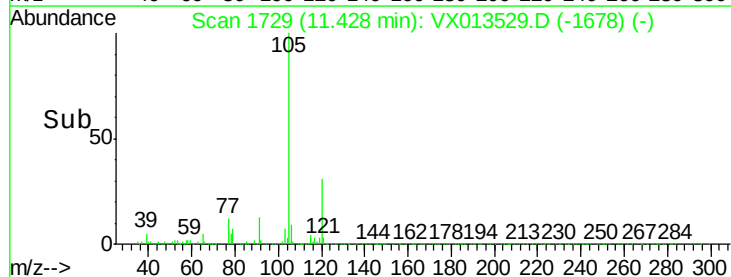
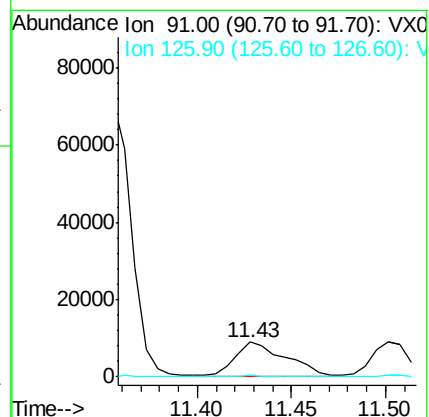
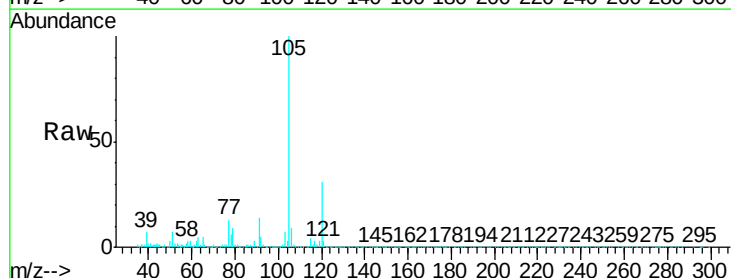
Acq: 22 Nov 2019 13:39

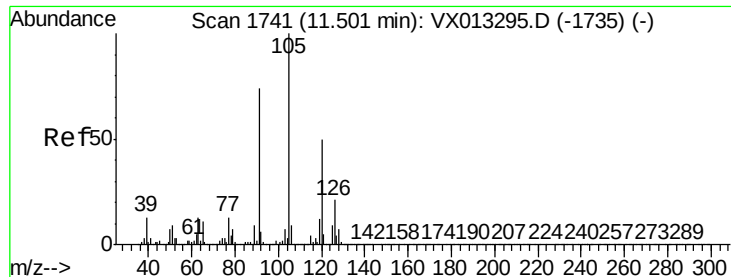
Tgt Ion: 91 Resp: 16298

Ion Ratio Lower Upper

91 100

126 4.2 17.3 52.0#

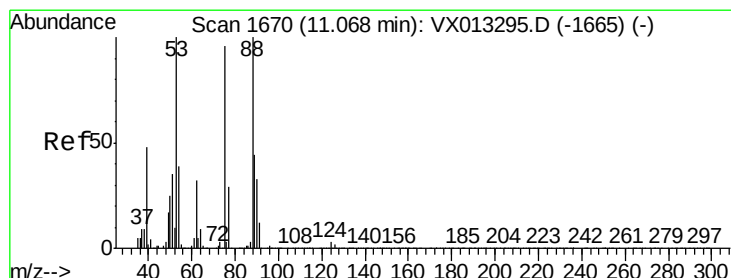
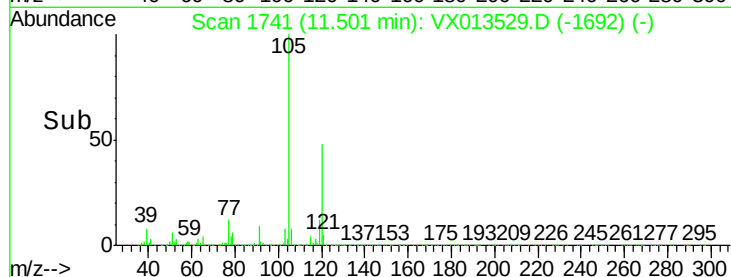
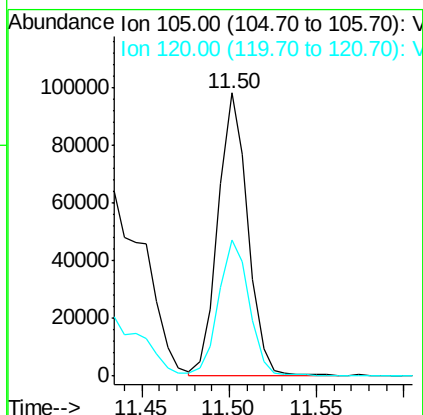
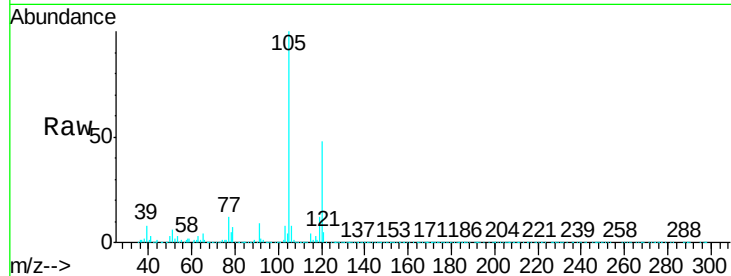




#80
 1,3,5-Trimethylbenzene
 Concen: 4.667 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013529.D
 Acq: 22 Nov 2019 13:39

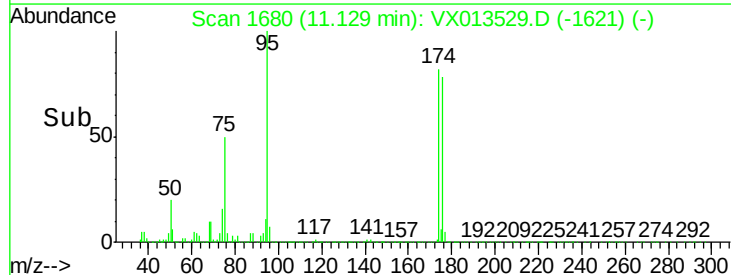
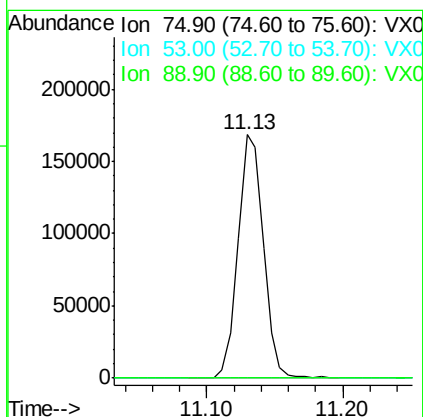
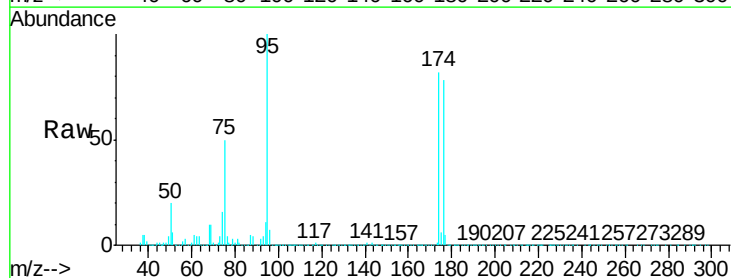
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL2

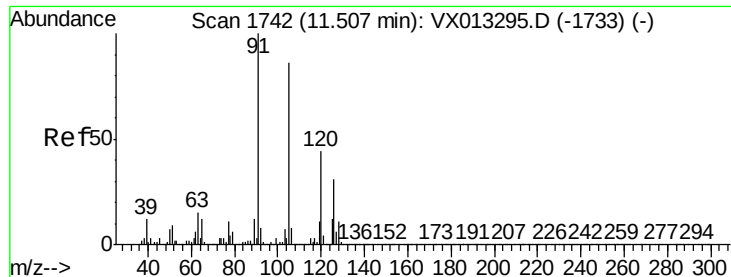
Tgt Ion: 105 Resp: 115531
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.692 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013529.D
 Acq: 22 Nov 2019 13:39

Tgt Ion: 75 Resp: 218201
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.2 36.0 54.0#





#82

4-Chlorotoluene

Concen: 0.492 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

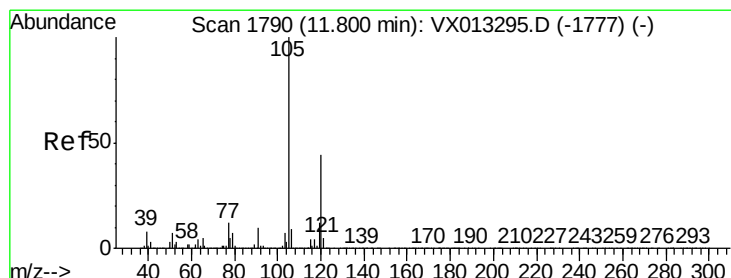
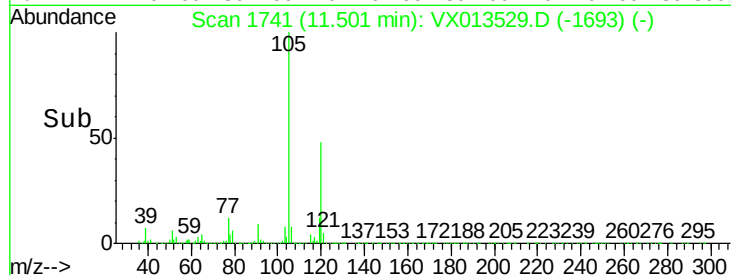
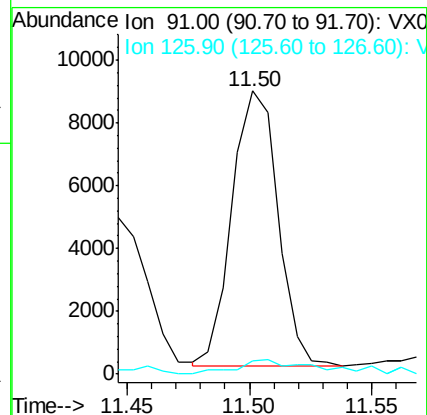
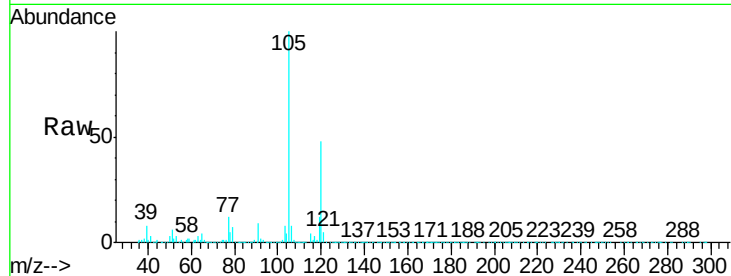
MW-4DL2

Tgt Ion: 91 Resp: 11497

Ion Ratio Lower Upper

91 100

126 9.4 15.3 45.8#



#84

1,2,4-Trimethylbenzene

Concen: 24.826 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013529.D

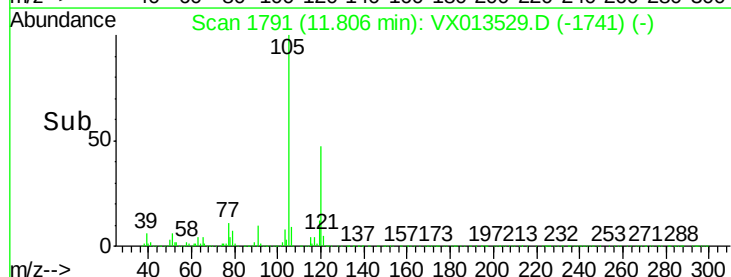
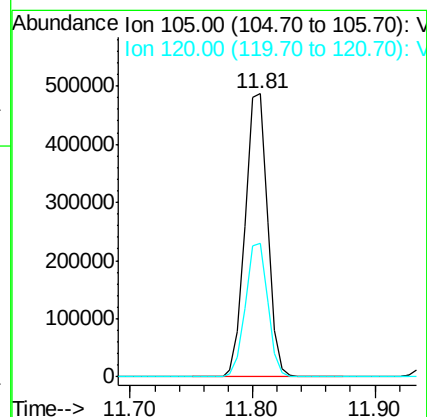
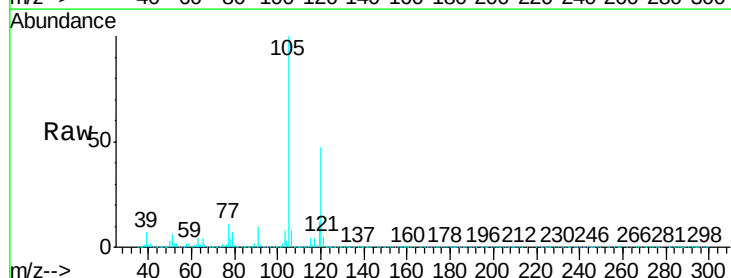
Acq: 22 Nov 2019 13:39

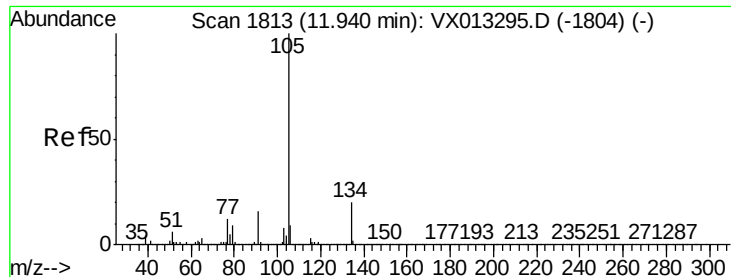
Tgt Ion: 105 Resp: 616452

Ion Ratio Lower Upper

105 100

120 47.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.749 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

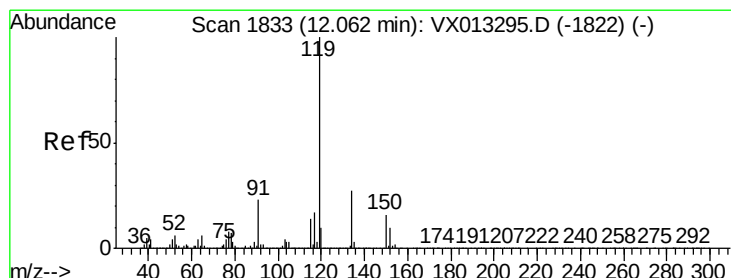
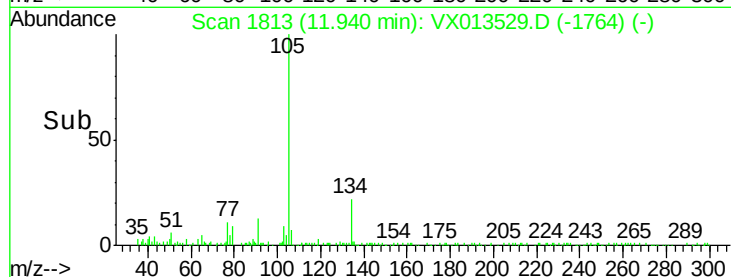
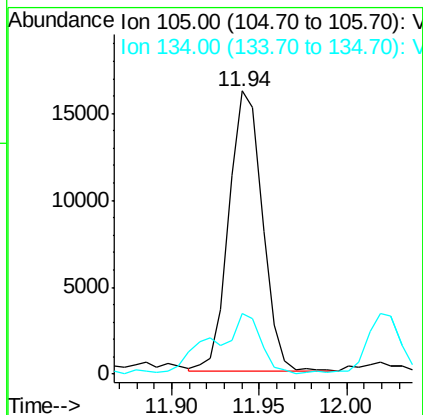
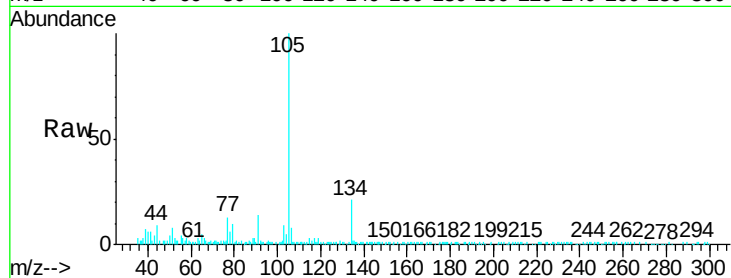
MW-4DL2

Tgt Ion:105 Resp: 21445

Ion Ratio Lower Upper

105 100

134 32.2 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 0.685 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

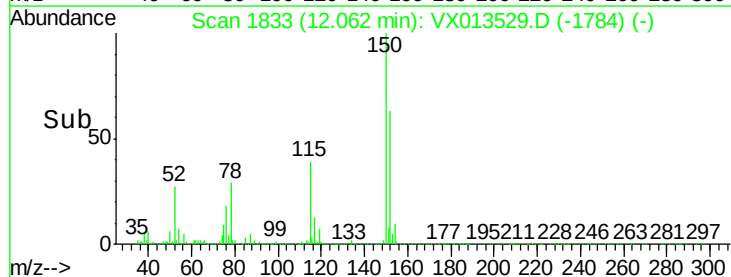
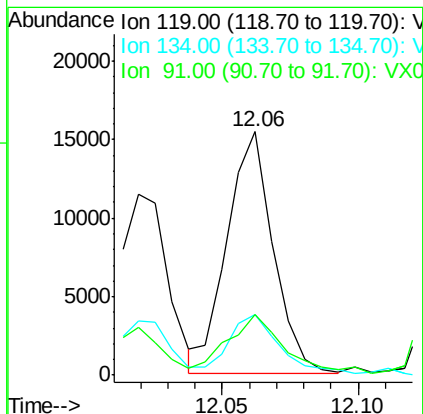
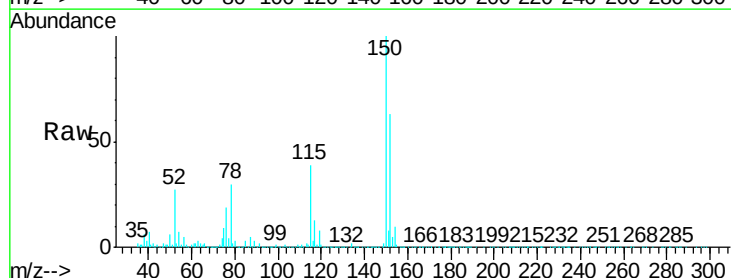
Tgt Ion:119 Resp: 18077

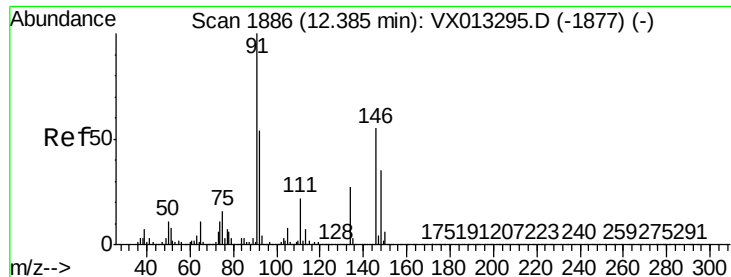
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

91 29.4 11.5 34.4





#89

n-Butylbenzene

Concen: 0.717 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013529.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL2

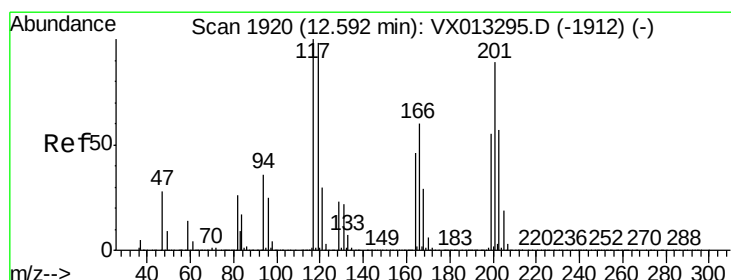
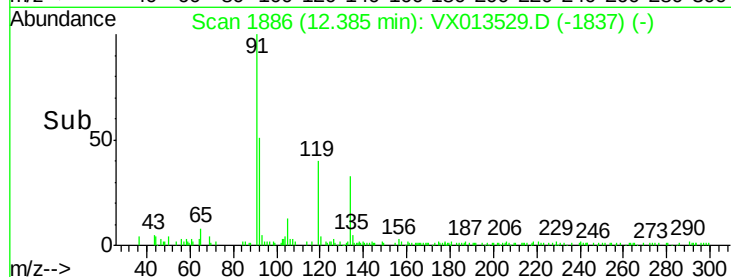
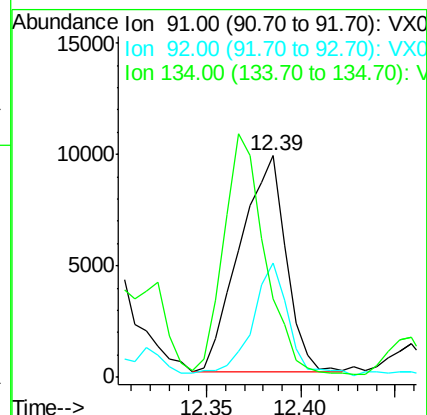
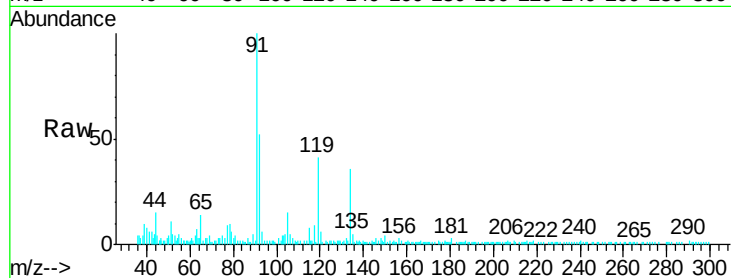
Tgt Ion: 91 Resp: 16496

Ion Ratio Lower Upper

91 100

92 40.7 27.3 81.8

134 99.7 13.5 40.5#



#90

Hexachloroethane

Concen: 0.477 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013529.D

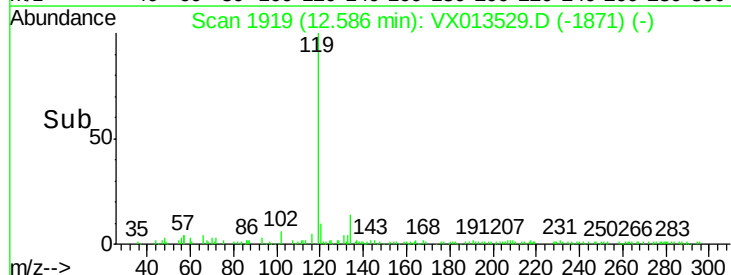
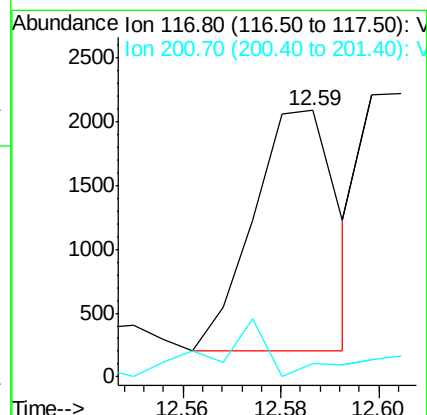
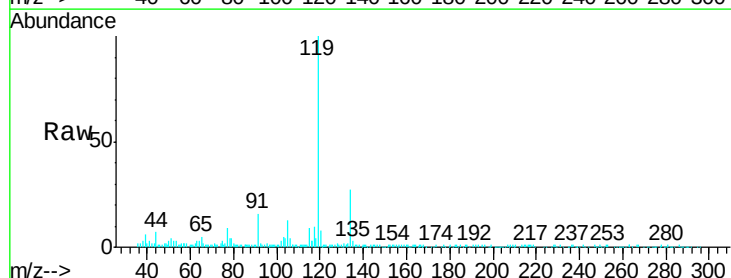
Acq: 22 Nov 2019 13:39

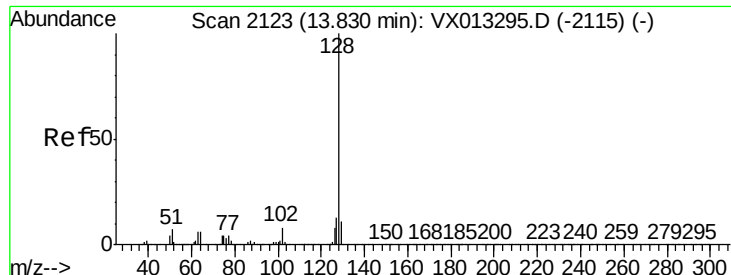
Tgt Ion: 117 Resp: 2242

Ion Ratio Lower Upper

117 100

201 17.8 43.9 131.7#

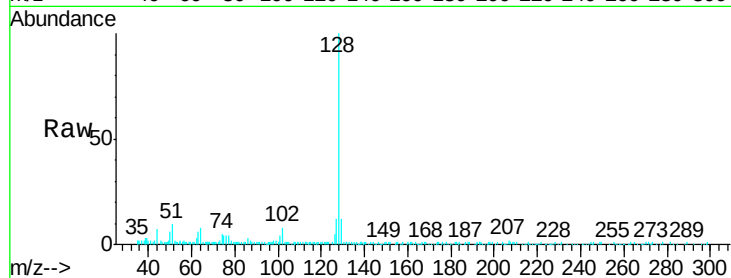




#95
Naphthalene
Concen: 0.935 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013529.D
Acq: 22 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	10.6	8.5	12.7



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

