

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013676.D
 Acq On : 28 Nov 2019 01:34
 Operator : JC/SP
 Sample : K6027-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Nov 28 04:22:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	664436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1052854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	940207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	464003	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	370415	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
35) Dibromofluoromethane	5.49	113	310385	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1249042	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	448367	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4196	0.506	ug/l #	81
6) Chloroethane	1.88	64	1721	0.324	ug/l #	62
11) Tert butyl alcohol	3.04	59	4210	2.211	ug/l #	74
13) Acrolein	2.29	56	539	6.417	ug/l #	15
16) Acetone	2.44	43	5754	1.511	ug/l	91
17) Carbon Disulfide	2.57	76	5134	0.285	ug/l #	95
20) Methylene Chloride	2.86	84	2321	0.317	ug/l #	76
31) Cyclohexane	5.61	56	74644	6.552	ug/l #	47
36) 1,1-Dichloropropene	5.65	75	43661	4.568	ug/l #	51
38) Carbon Tetrachloride	5.65	117	56537	6.415	ug/l #	14
39) Methylcyclohexane	7.45	83	160484	13.585	ug/l	88
43) Isopropyl Acetate	6.45	43	13203	0.748	ug/l #	66
48) Methyl methacrylate	7.73	41	40526	4.725	ug/l #	51
49) 1,4-Dioxane	7.74	88	196	1.021	ug/l #	1
52) Toluene	8.78	92	11915	0.659	ug/l	88
55) 1,1,2-Trichloroethane	9.17	97	7605	1.044	ug/l #	22
56) Ethyl methacrylate	9.16	69	4284	0.366	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.25	63	1006	0.219	ug/l	99
67) Ethyl Benzene	10.24	91	779436	23.236	ug/l	98
68) m/p-Xylenes	10.35	106	40801	3.177	ug/l	93
69) o-Xylene	10.70	106	113306	9.046	ug/l	99
70) Styrene	10.71	104	29447	1.398	ug/l #	48
73) Isopropylbenzene	11.01	105	2998897	92.138	ug/l	99
76) 1,2,3-Trichloropropane	11.35	75	17917	1.717	ug/l #	1
78) n-propylbenzene	11.35	91	3135491	86.297	ug/l	100
79) 2-Chlorotoluene	11.45	91	268856	12.335	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	1010366	37.875	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	31526	8.264	ug/l #	54
82) 4-Chlorotoluene	11.50	91	113851	4.510	ug/l #	43
83) tert-Butylbenzene	11.81	119	2384731	87.963	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	13278666	490.466	ug/l	73
85) sec-Butylbenzene	11.80	105	13278666	428.810	ug/l #	55
86) p-Isopropyltoluene	12.02	119	455894	15.825	ug/l	96
89) n-Butylbenzene	12.37	91	437264	17.796	ug/l #	3

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

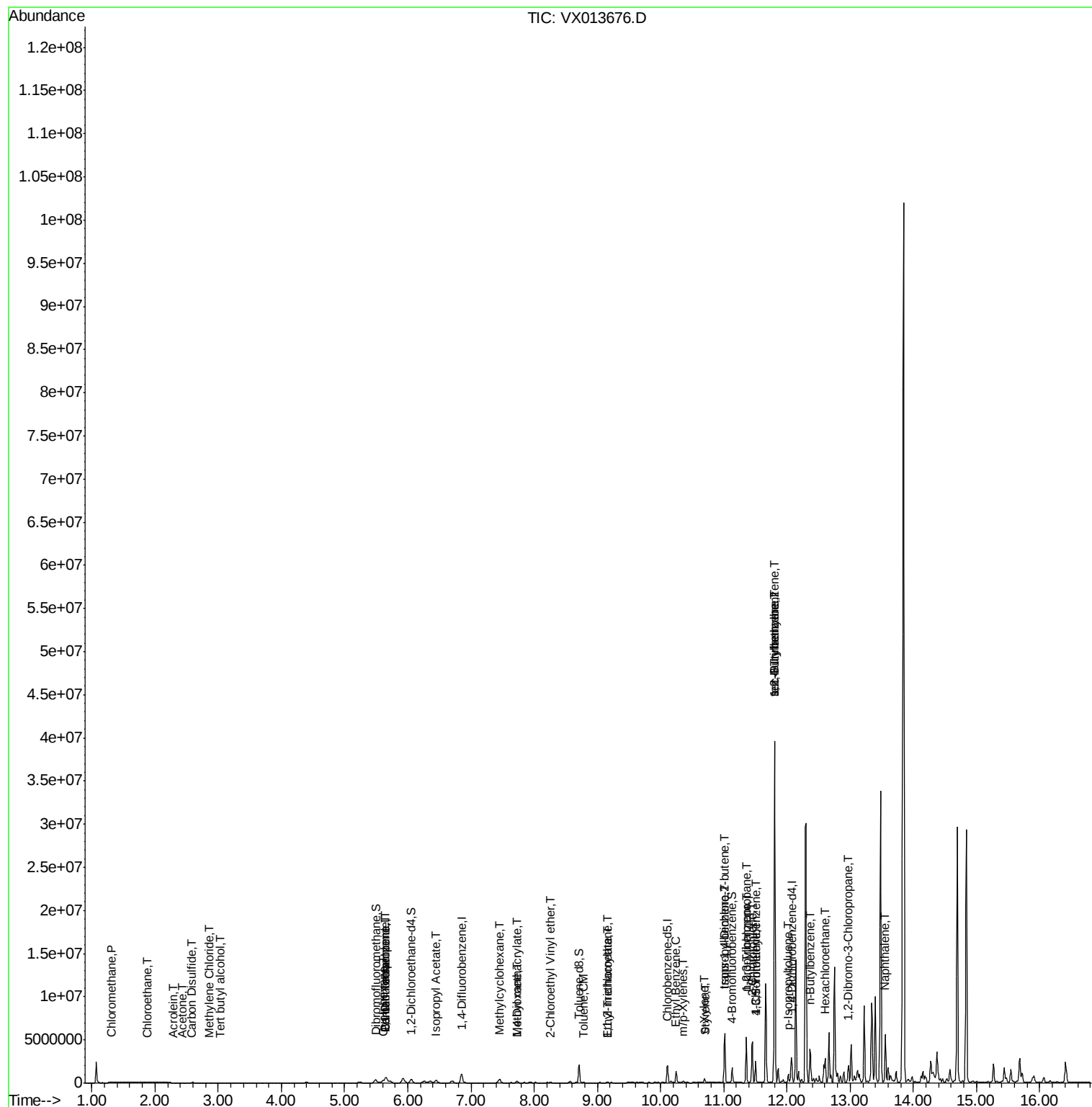
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.60	117	347375	66.712	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	6702	2.727	ug/l #	1
95) Naphthalene	13.56	128	671052	21.350	ug/l #	1

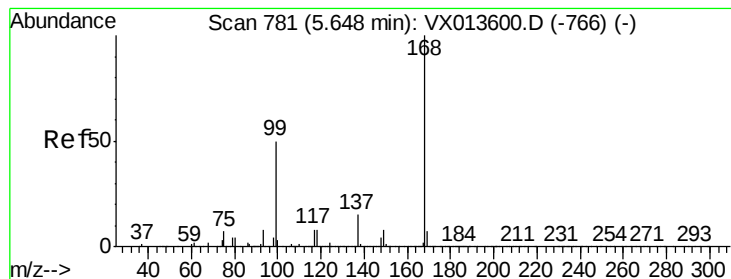
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

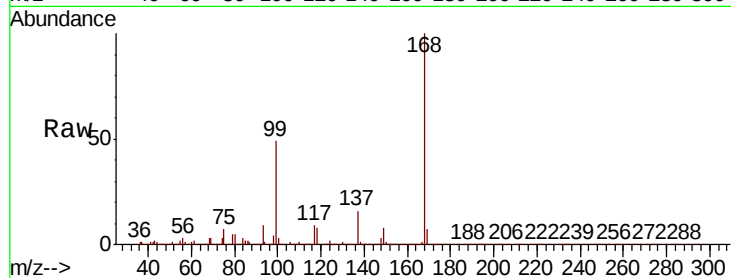
MW-14

Tot Ion:168 Resp: 664436

Ion Ratio Lower Upper

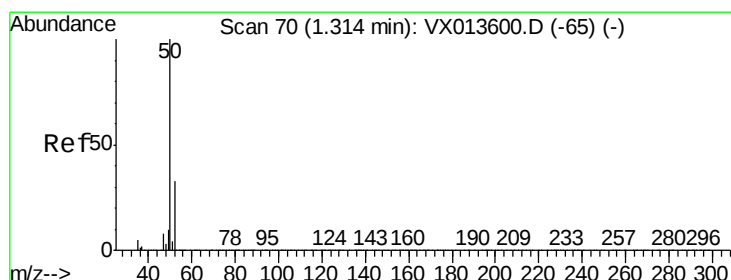
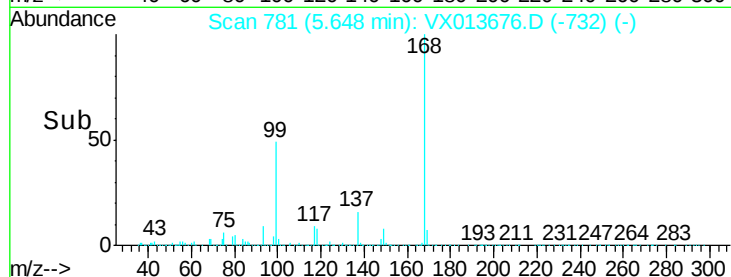
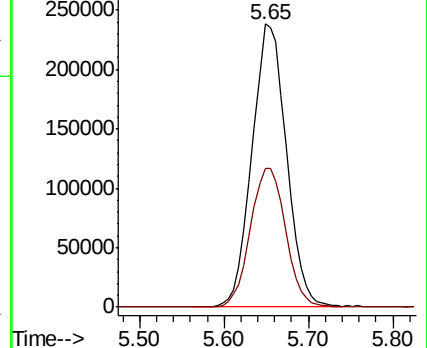
168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.506 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013676.D

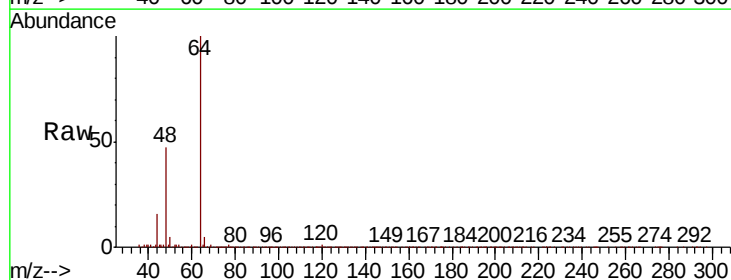
Acq: 28 Nov 2019 01:34

Tgt Ion: 50 Resp: 4196

Ion Ratio Lower Upper

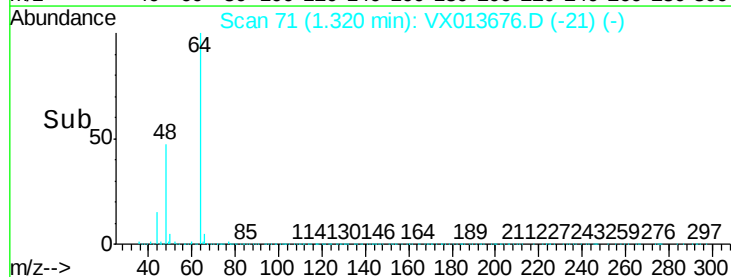
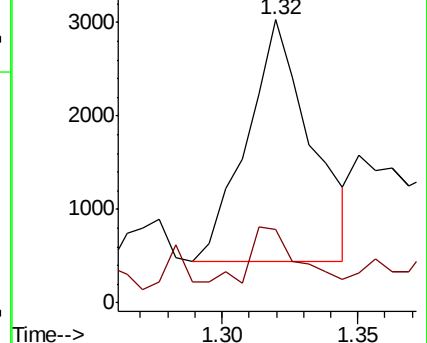
50 100

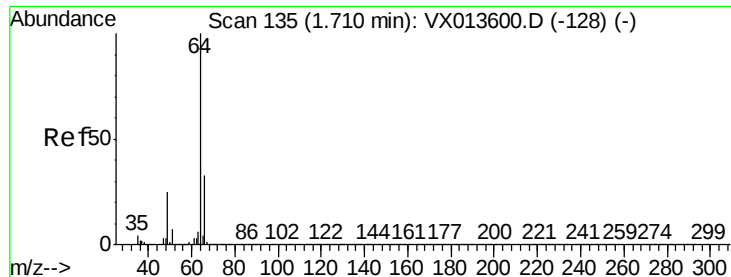
52 22.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.324 ug/l

RT: 1.88 min Scan# 163

Delta R.T. 0.17 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

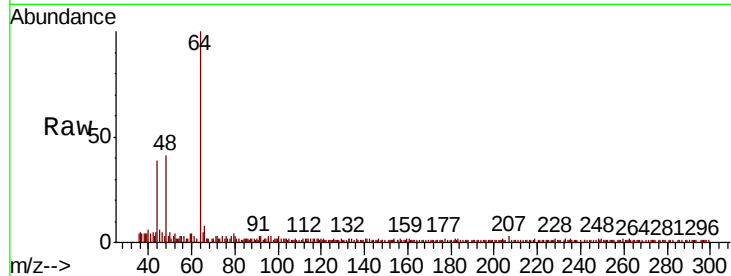
MW-14

Tot Ion: 64 Resp: 1721

Ion Ratio Lower Upper

64 100

66 11.5 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

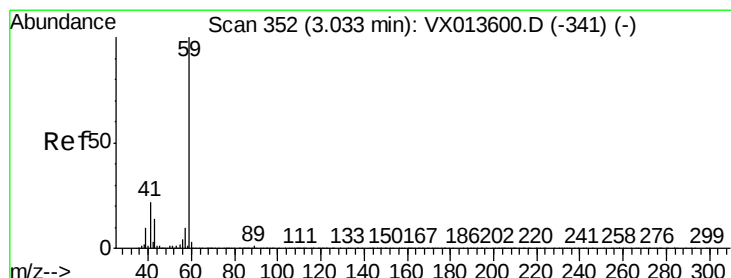
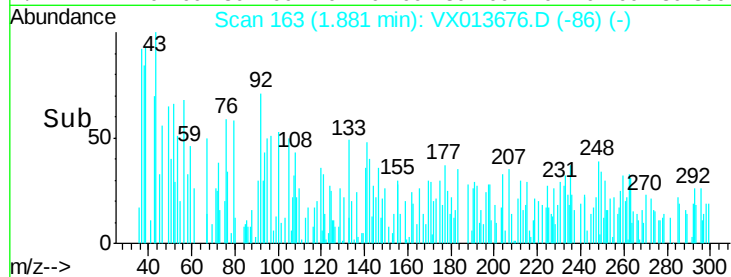
1.88

10000

5000

0

Time--> 1.86 1.88 1.90 1.92



#11

Tert butyl alcohol

Concen: 2.211 ug/l

RT: 3.04 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX013676.D

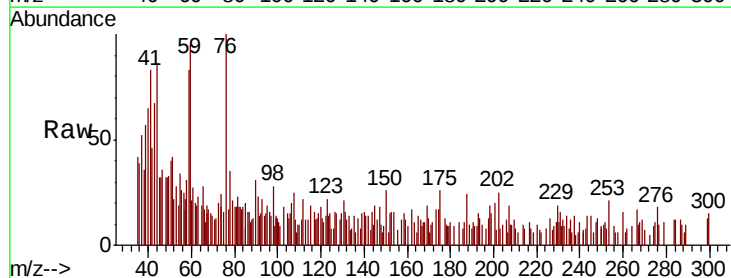
Acq: 28 Nov 2019 01:34

Tgt Ion: 59 Resp: 4210

Ion Ratio Lower Upper

59 100

57 19.2 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

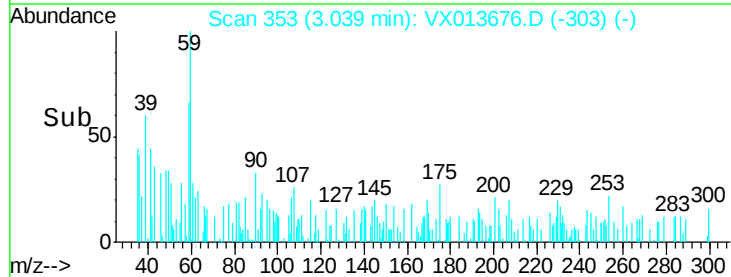
1500

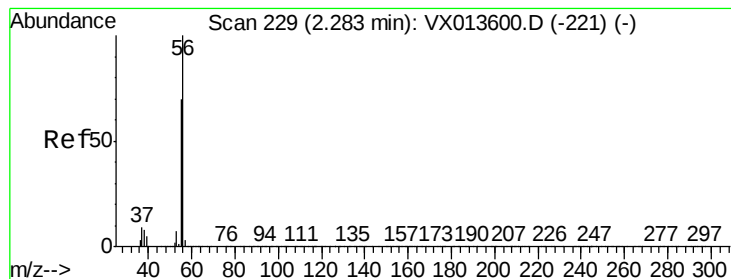
1000

500

0

Time--> 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 6.417 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

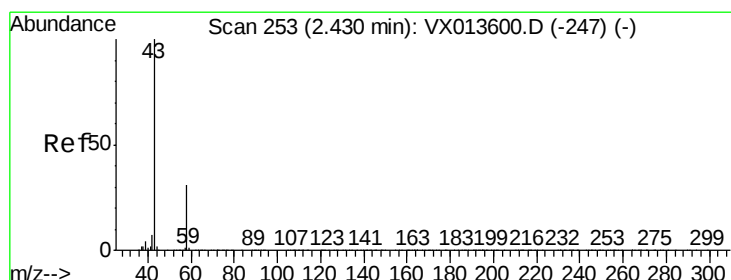
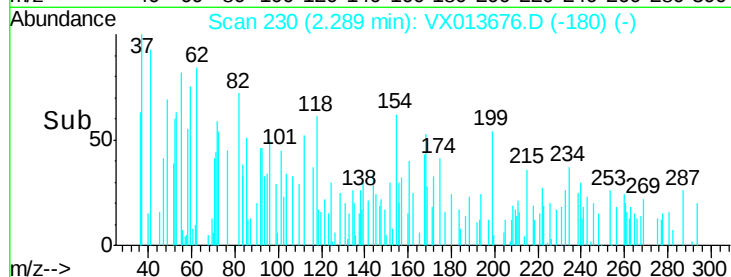
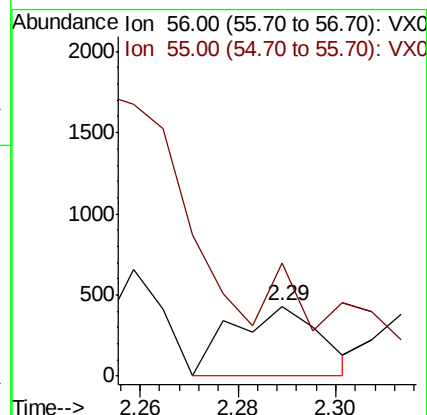
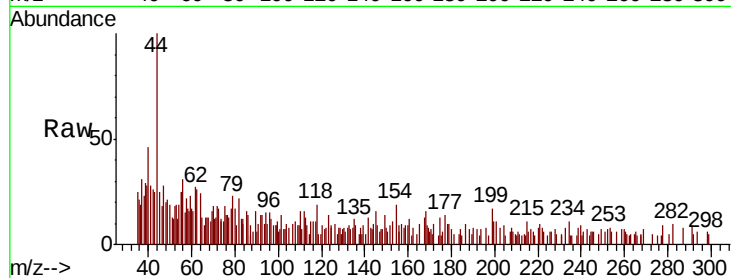
MW-14

Tot Ion: 56 Resp: 539

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#16

Acetone

Concen: 1.511 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013676.D

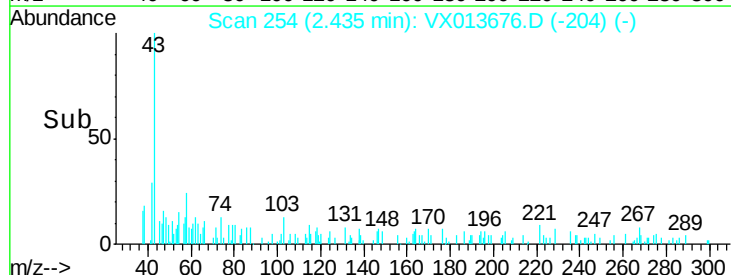
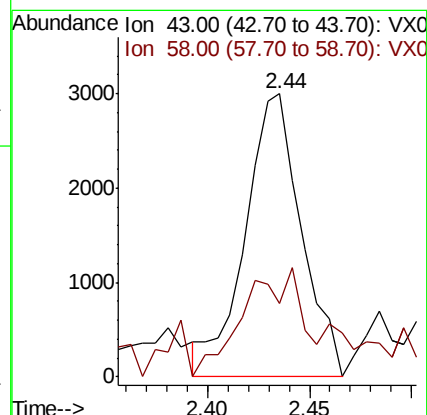
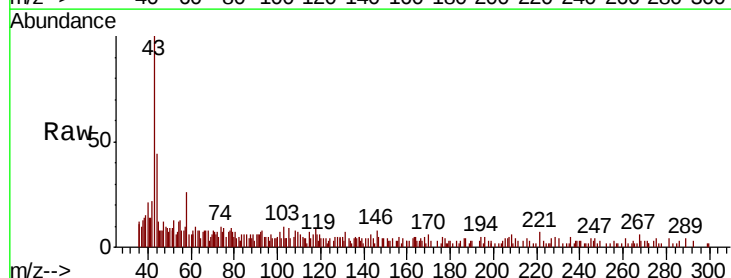
Acq: 28 Nov 2019 01:34

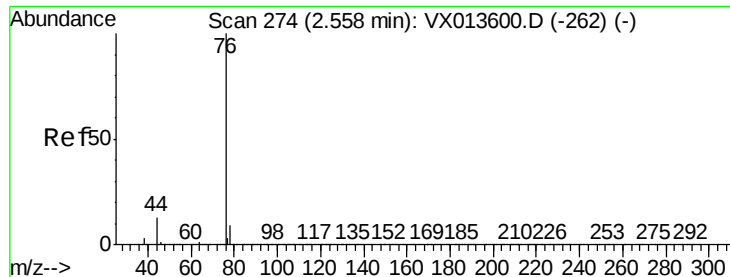
Tgt Ion: 43 Resp: 5754

Ion Ratio Lower Upper

43 100

58 25.9 24.6 36.8





#17

Carbon Disulfide

Concen: 0.285 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

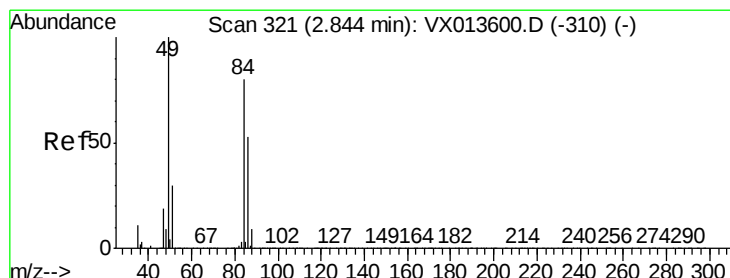
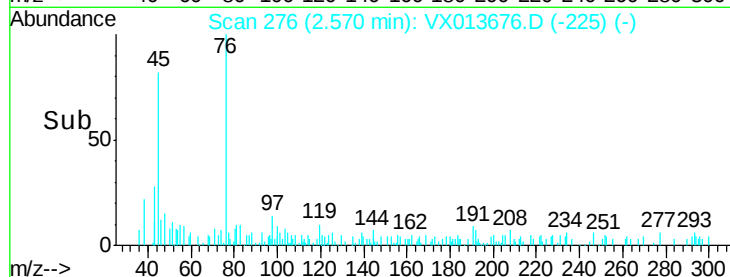
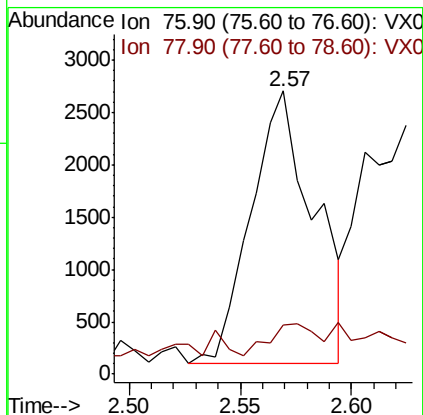
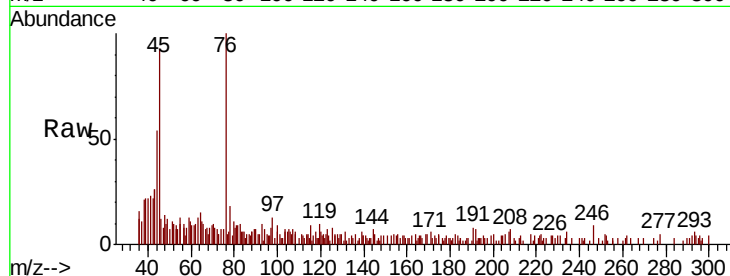
MW-14

Tot Ion: 76 Resp: 5134

Ion Ratio Lower Upper

76 100

78 7.1 7.2 10.8#



#20

Methylene Chloride

Concen: 0.317 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Tgt Ion: 84 Resp: 2321

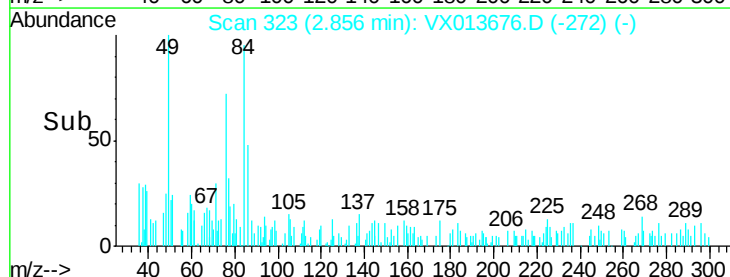
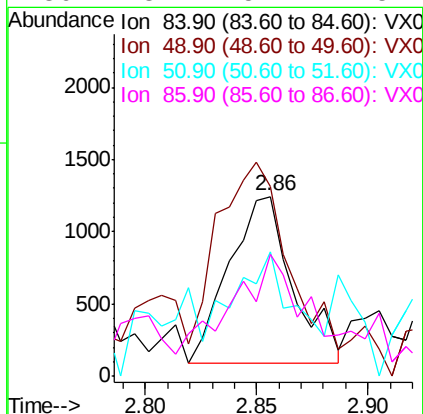
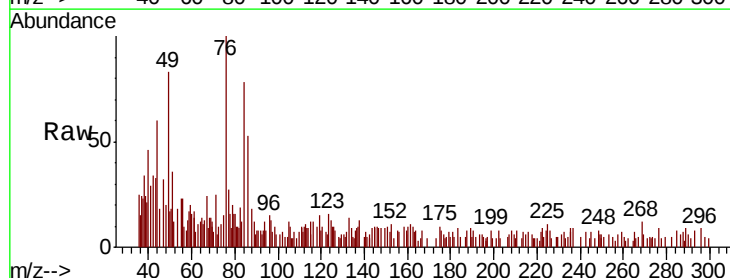
Ion Ratio Lower Upper

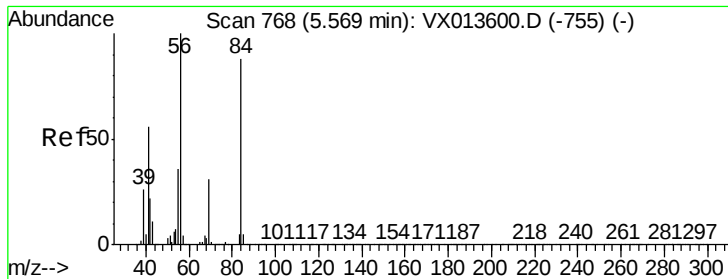
84 100

49 97.3 99.7 149.5#

51 21.5 29.9 44.9#

86 48.7 52.2 78.4#

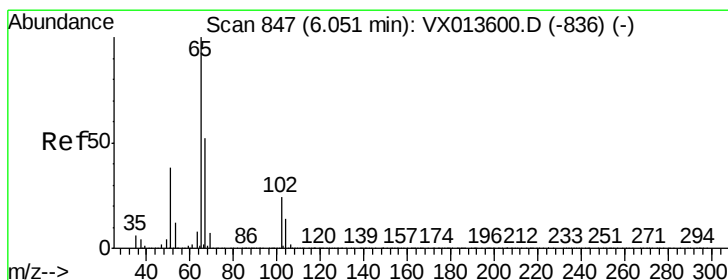
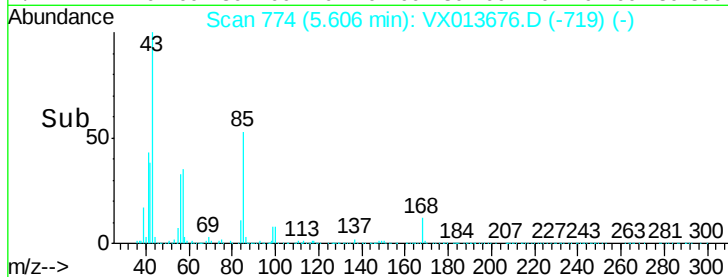
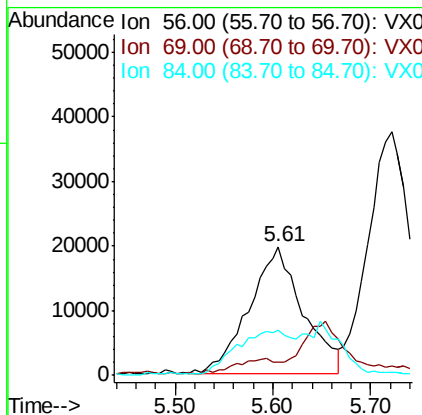
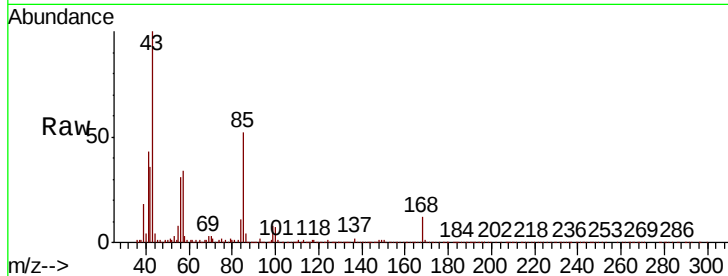




#31
Cyclohexane
Concen: 6.552 ug/l
RT: 5.61 min Scan# 774
Delta R.T. 0.04 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

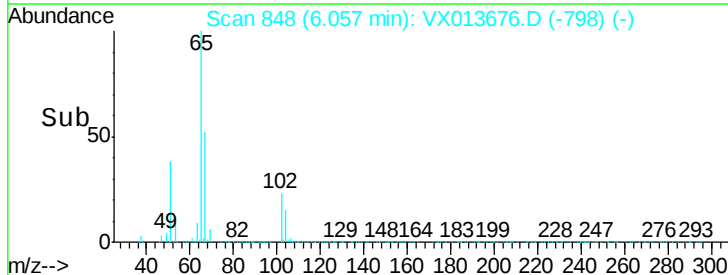
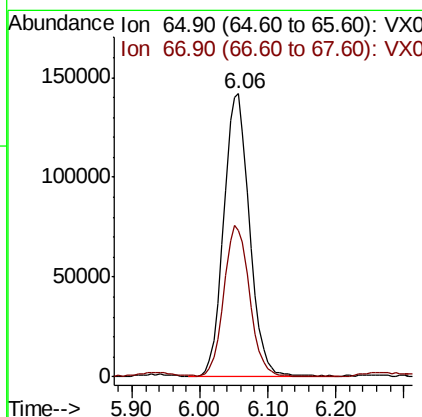
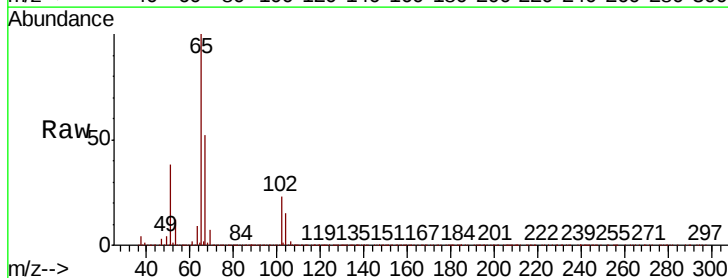
Instrument :
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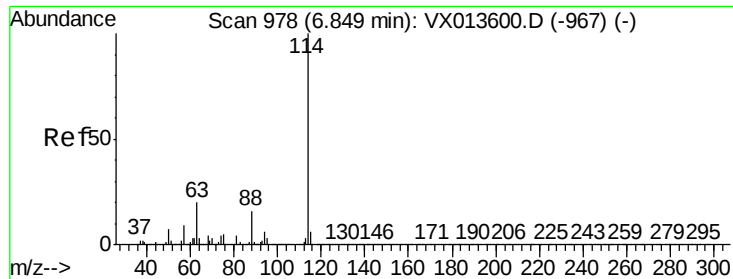
Tot Ion: 56 Resp: 74644
Ion Ratio Lower Upper
56 100
69 9.0 24.6 36.8#
84 34.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.027 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion: 65 Resp: 370415
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

MW-14

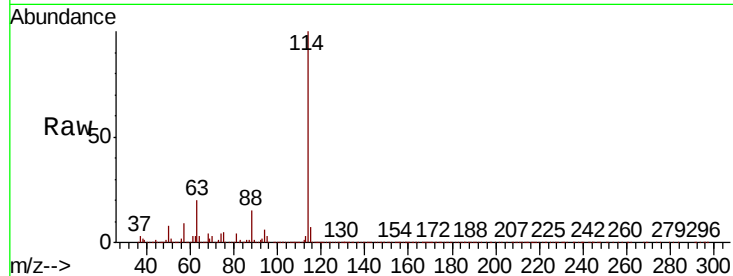
Tot Ion:114 Resp: 1052854

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

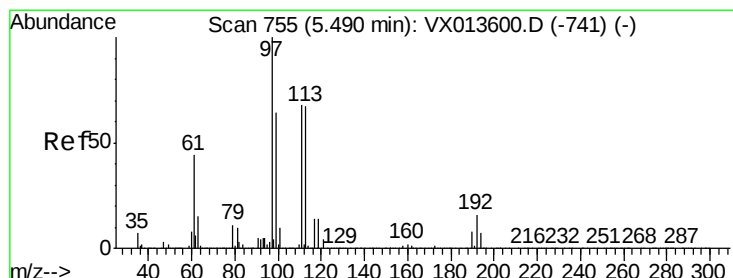
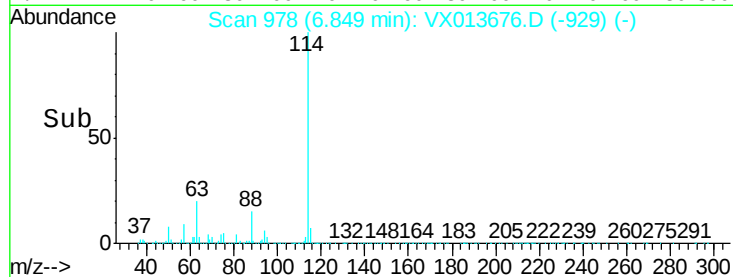
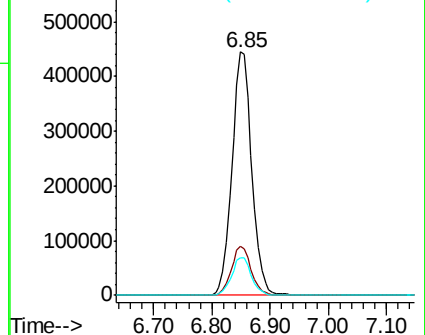
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.686 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

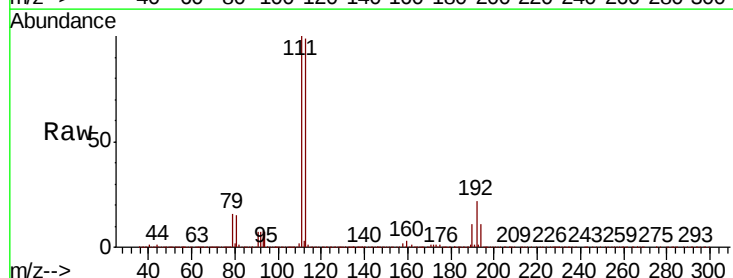
Tgt Ion:113 Resp: 310385

Ion Ratio Lower Upper

113 100

111 102.0 83.6 125.4

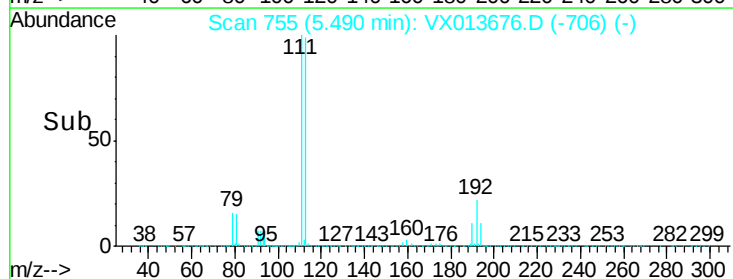
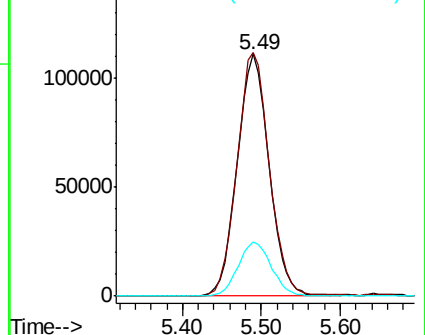
192 23.4 19.2 28.8

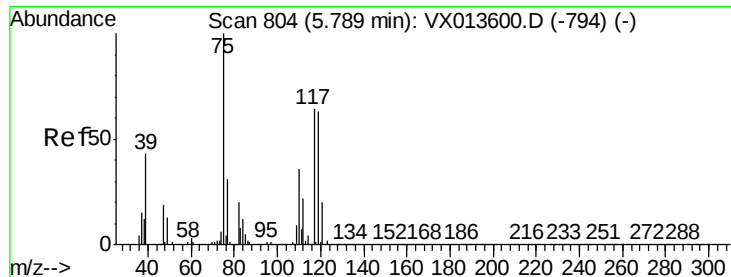


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.568 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

MW-14

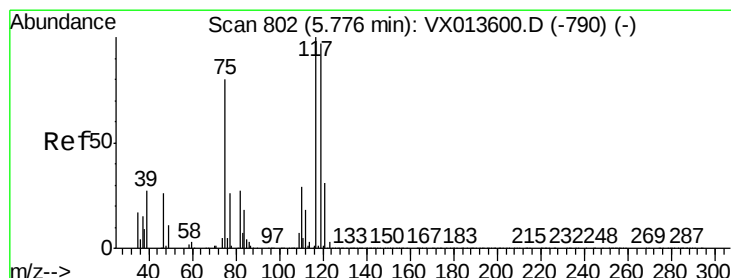
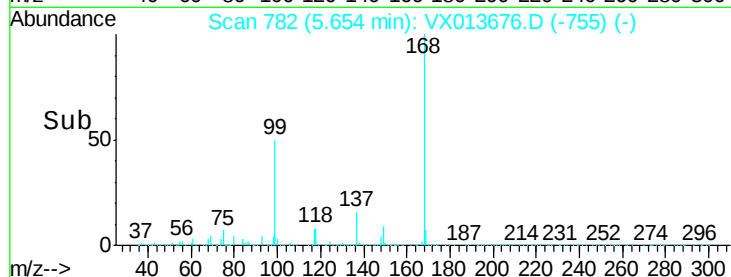
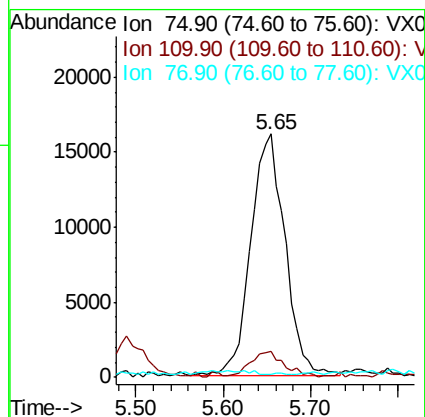
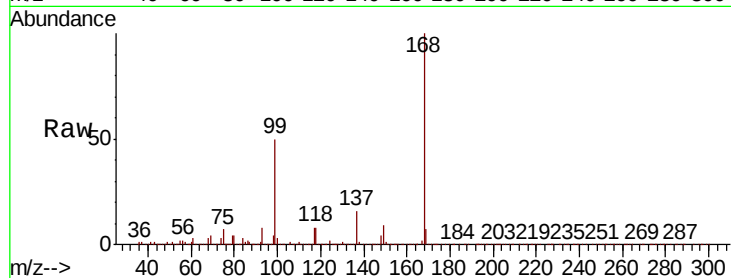
Tot Ion: 75 Resp: 43661

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.415 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

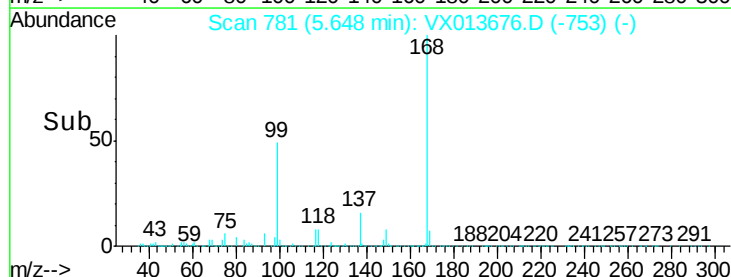
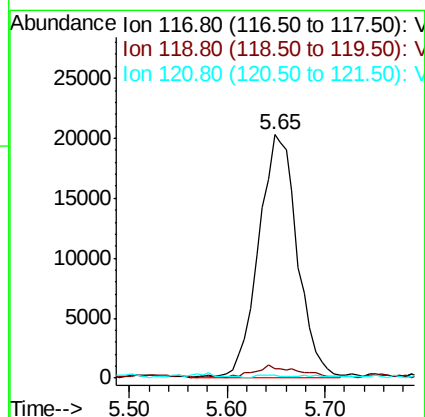
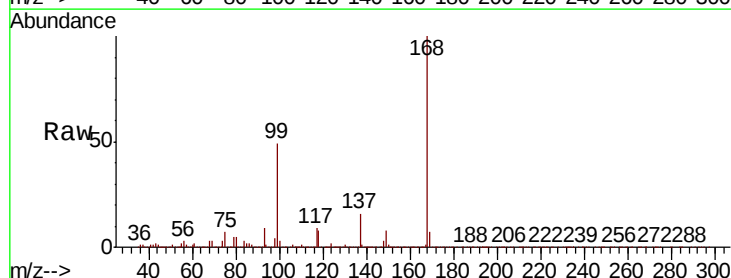
Tgt Ion: 117 Resp: 56537

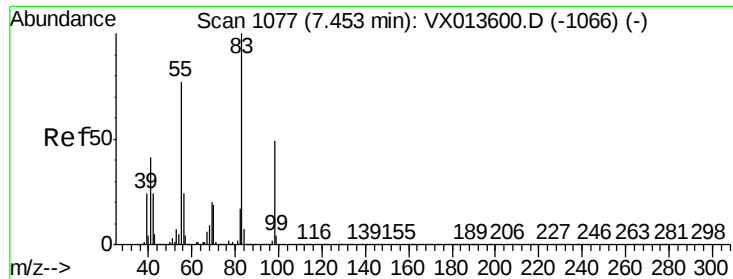
Ion Ratio Lower Upper

117 100

119 3.2 77.5 116.3#

121 0.9 25.0 37.6#

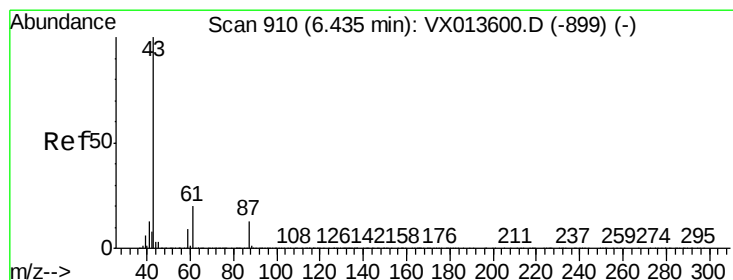
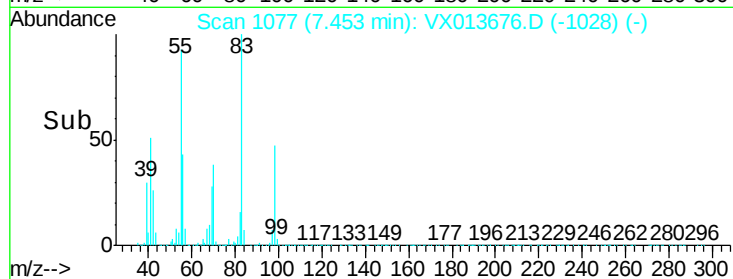
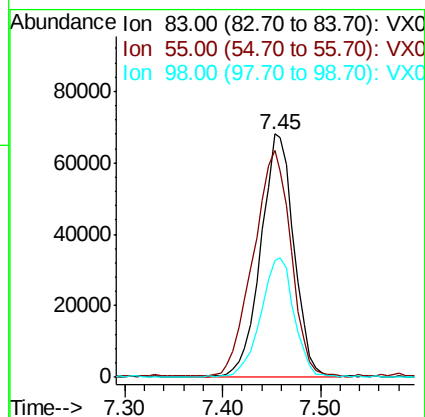
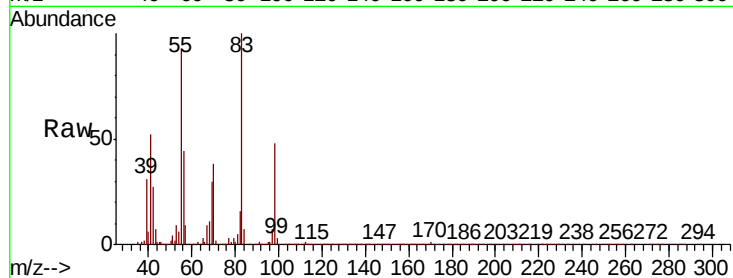




#39
Methvlcvclohexane
Concen: 13.585 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

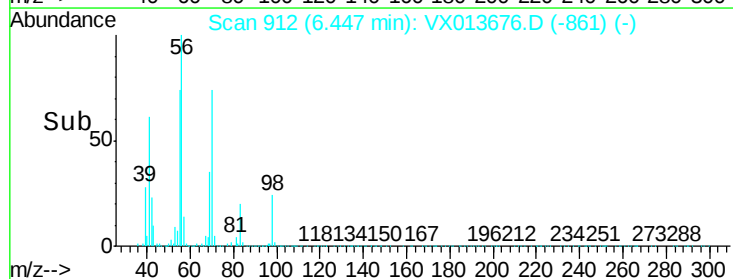
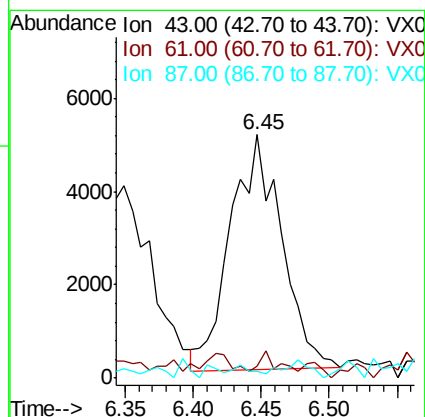
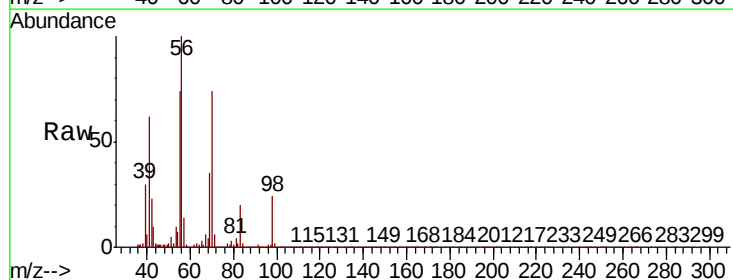
Instrument :
MSVOA_X
ClientSampleId :
MW-14

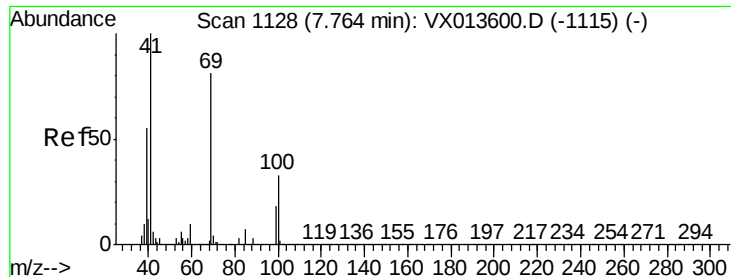
Tot Ion	83	Resp	160484
Ion Ratio	Lower	Upper	
83	100		
55	92.8	61.9	92.9
98	48.0	39.4	59.0



#43
Isopropyl Acetate
Concen: 0.748 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	43	Resp	13203
Ion Ratio	Lower	Upper	
43	100		
61	2.6	16.3	24.5#
87	2.3	10.8	16.2#

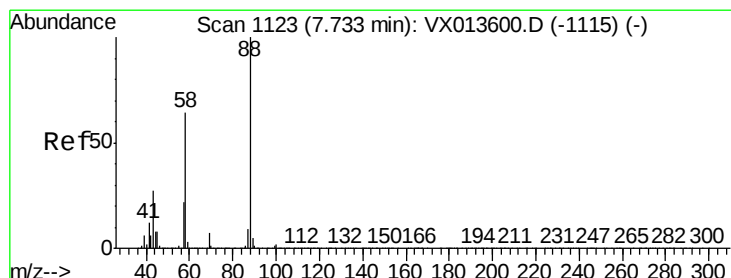
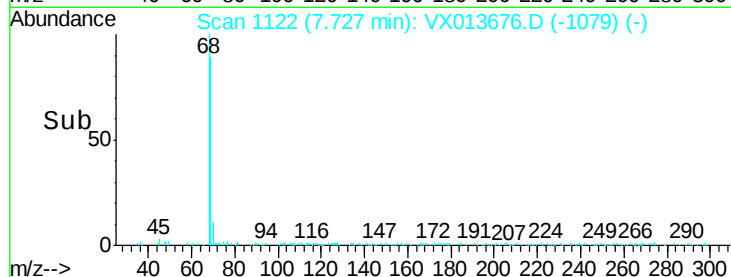
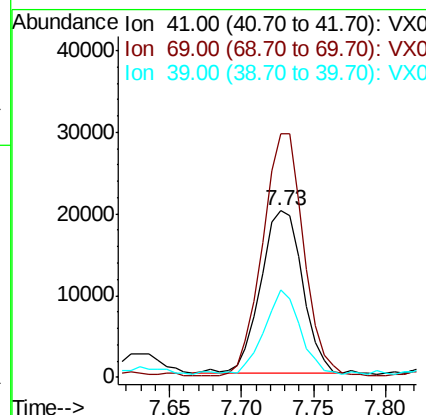
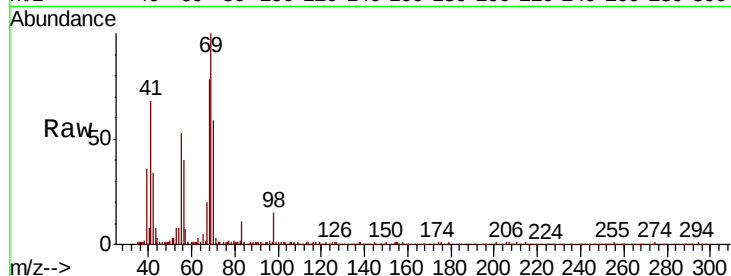




#48
Methvl methacrylate
Concen: 4.725 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

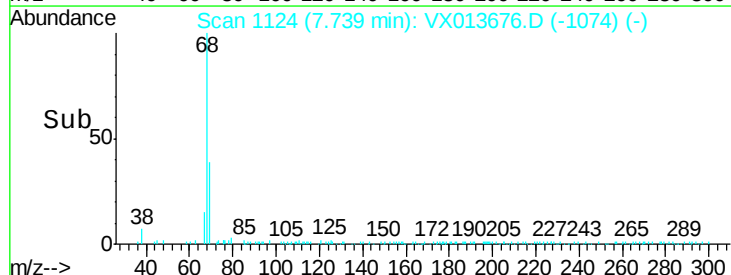
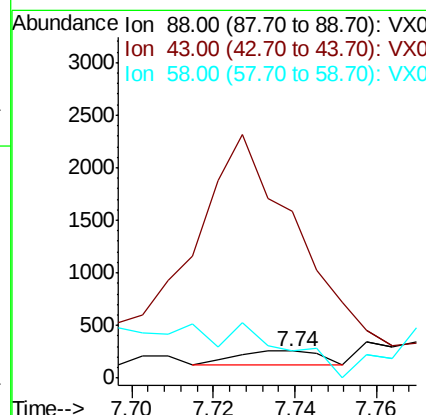
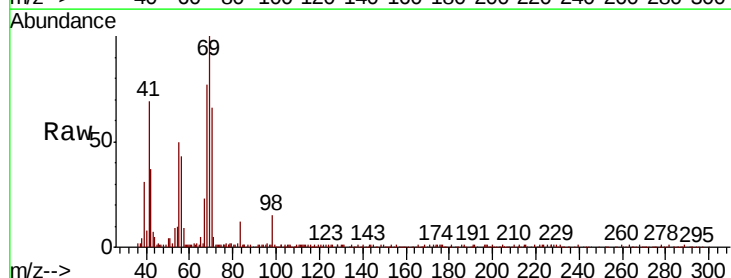
Instrument :
MSVOA_X
ClientSampleId :
MW-14

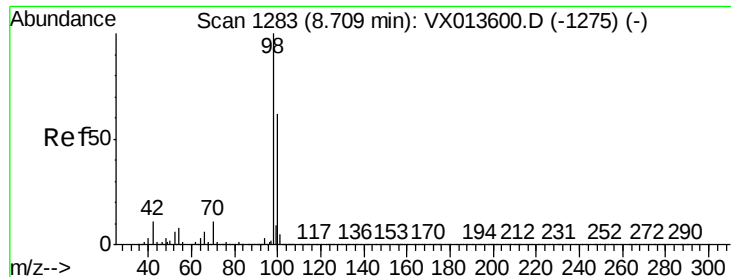
Tot Ion	Ratio	Lower	Upper
41	100		
69	145.3	64.7	97.1#
39	44.4	43.8	65.6



#49
1,4-Dioxane
Concen: 1.021 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
88	100		
43	2151.5	25.8	38.6#
58	0.0	54.6	82.0#





#50

Toluene-d8

Concen: 49.254 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

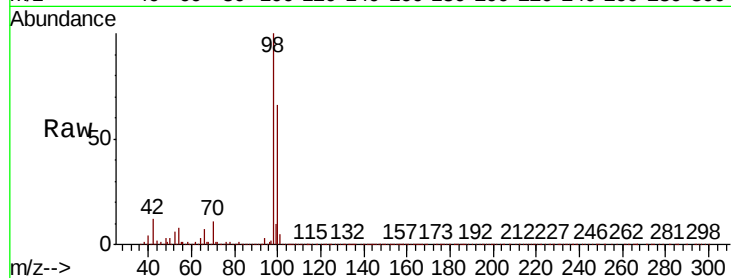
MW-14

Tot Ion: 98 Resp: 1249042

Ion Ratio Lower Upper

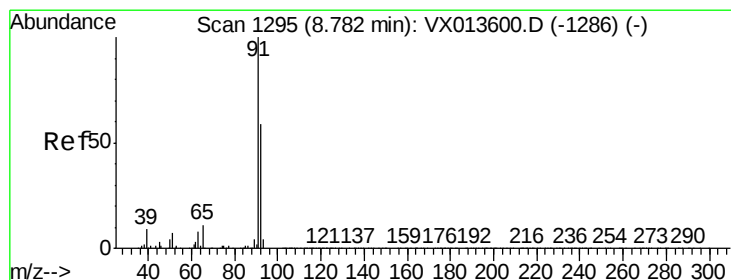
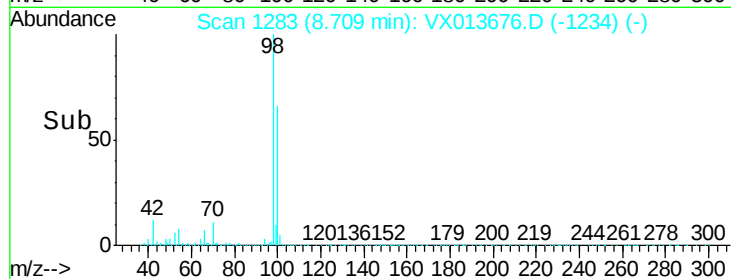
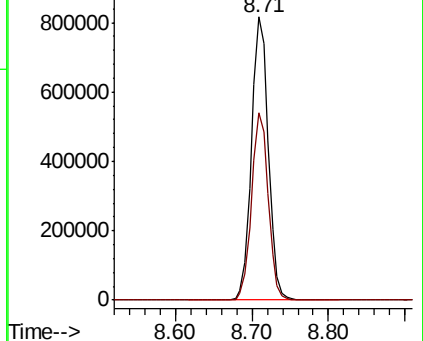
98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.659 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013676.D

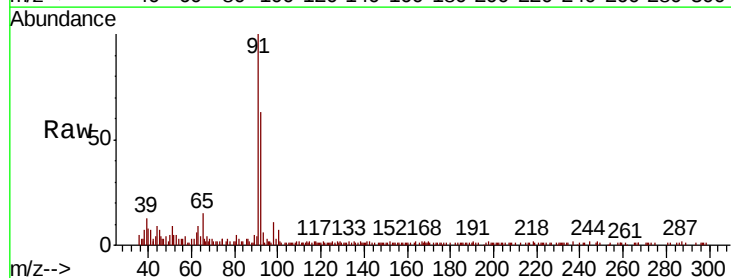
Acq: 28 Nov 2019 01:34

Tgt Ion: 92 Resp: 11915

Ion Ratio Lower Upper

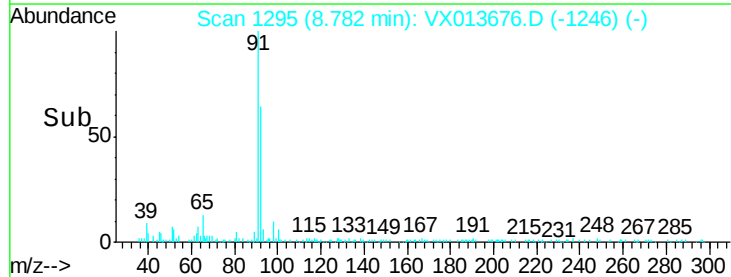
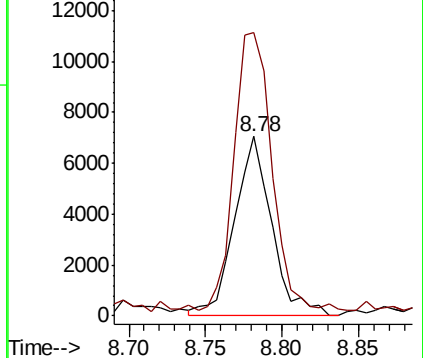
92 100

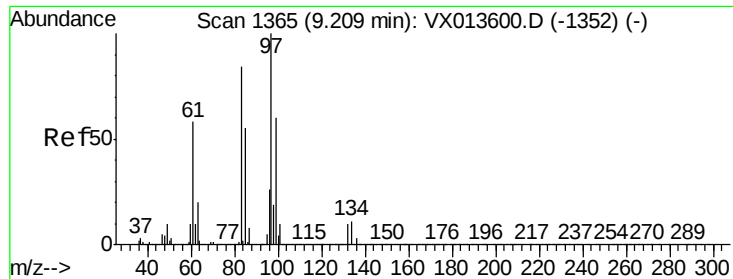
91 153.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

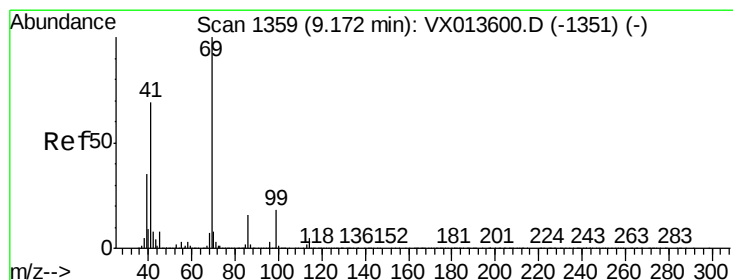
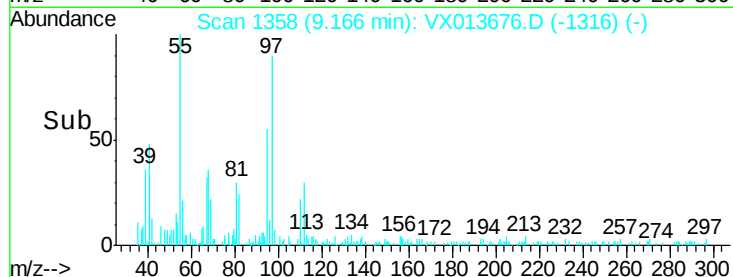
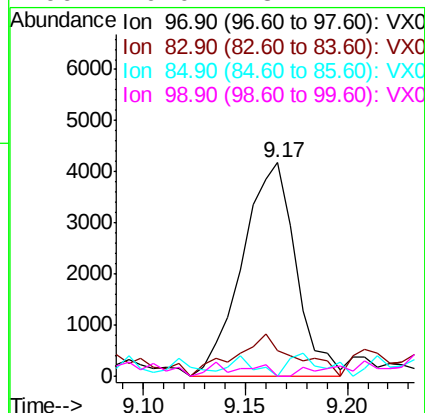
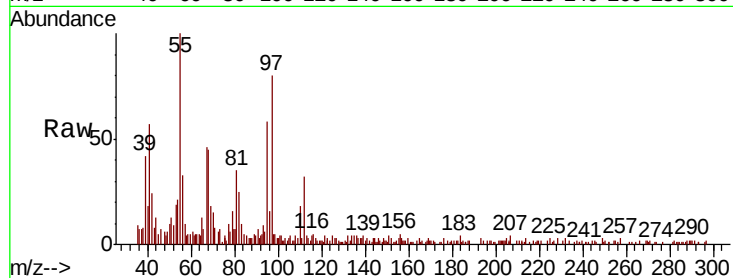




#55
 1,1,2-Trichloroethane
 Concen: 1.044 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

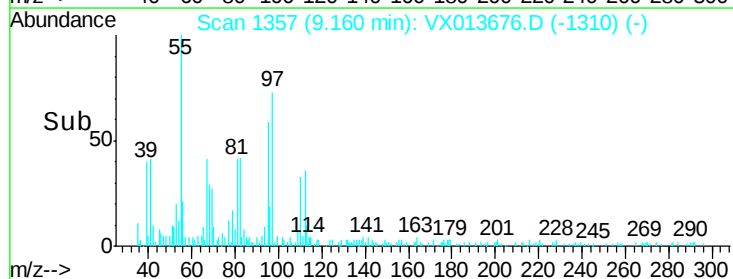
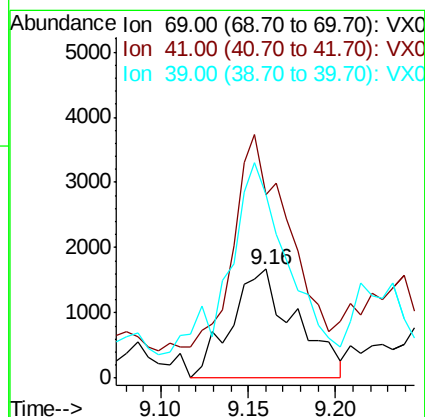
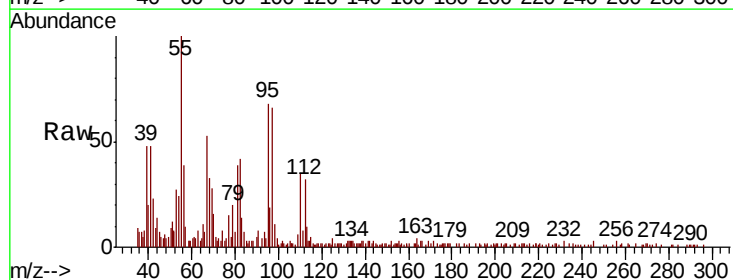
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

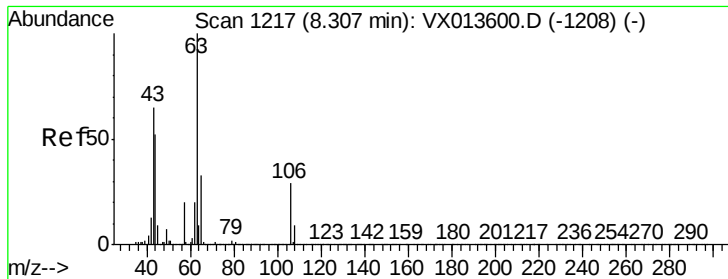
Tot Ion:	97	Resp:	7605
Ion	Ratio	Lower	Upper
97	100		
83	12.0	67.3	100.9#
85	0.0	43.6	65.4#
99	0.0	48.2	72.4#



#56
 Ethyl methacrylate
 Concen: 0.366 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Tgt Ion:	69	Resp:	4284
Ion	Ratio	Lower	Upper
69	100		
41	169.4	55.0	82.4#
39	153.5	28.7	43.1#

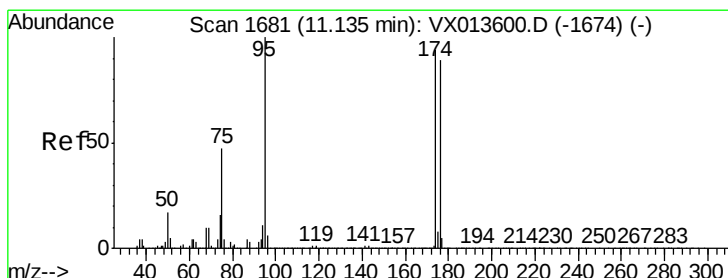
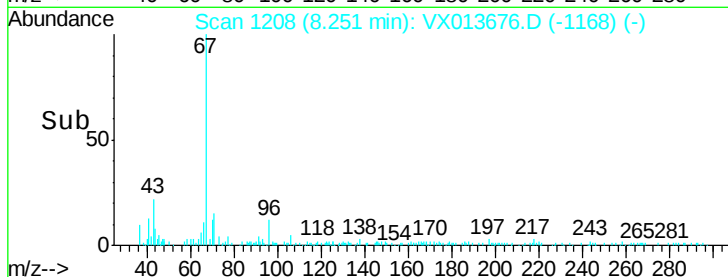
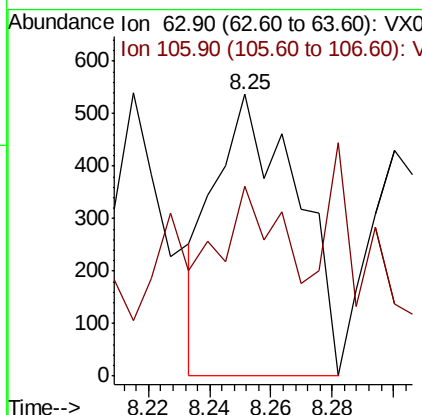
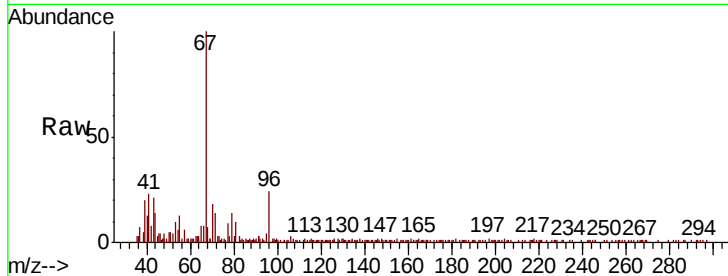




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.219 ug/l
 RT: 8.25 min Scan# 1208
 Delta R.T. -0.06 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

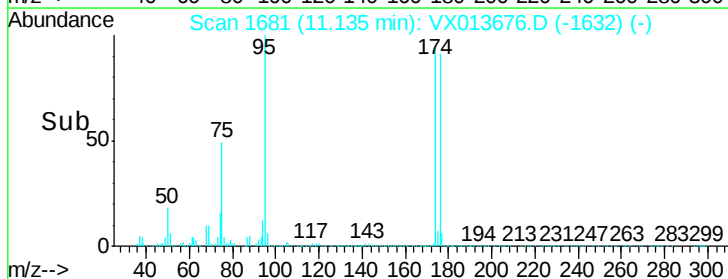
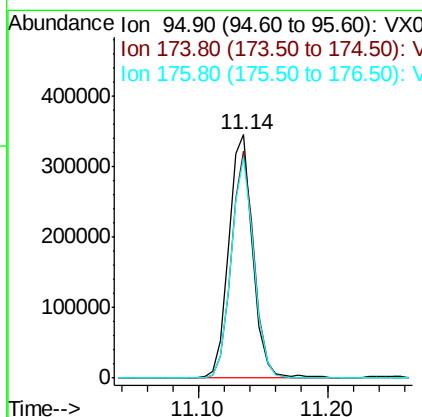
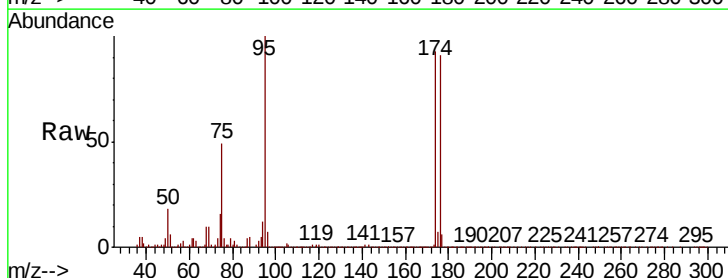
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

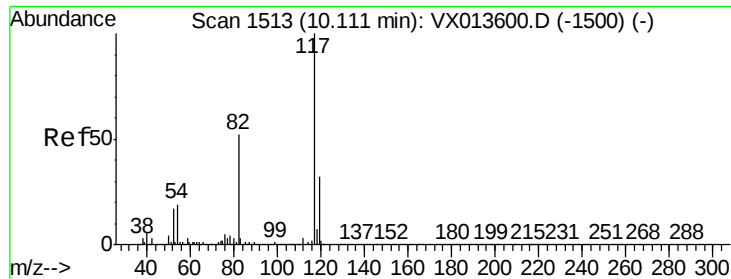
Tot Ion: 63 Resp: 1006
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.4 35.0



#62
 4-Bromofluorobenzene
 Concen: 49.031 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Tgt Ion: 95 Resp: 448367
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 180.0
 176 86.1 0.0 173.6

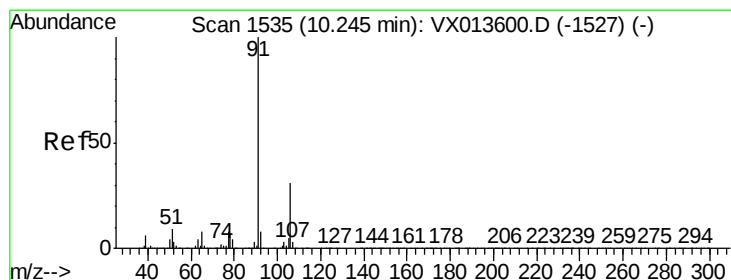
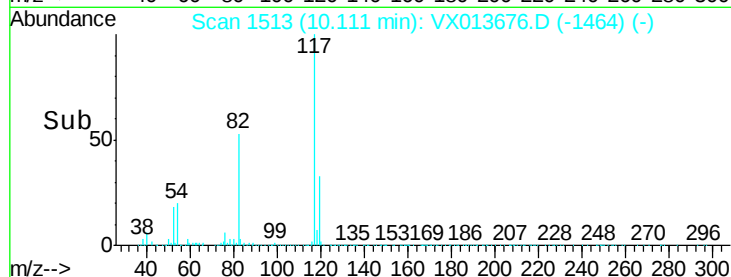
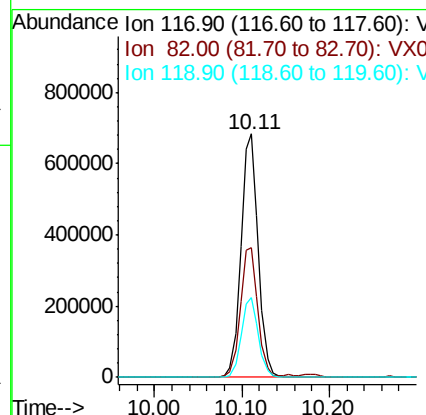
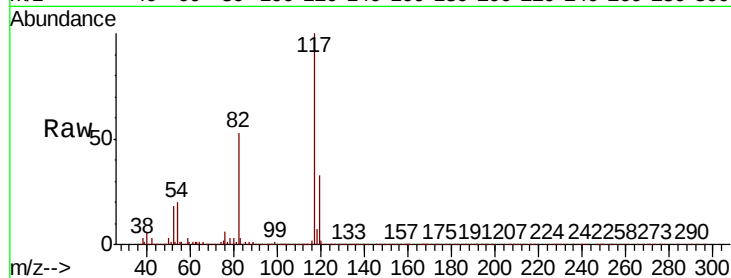




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

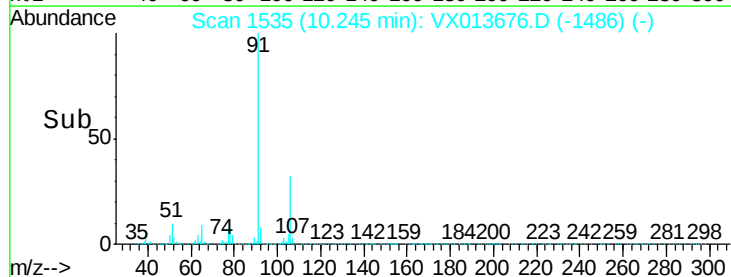
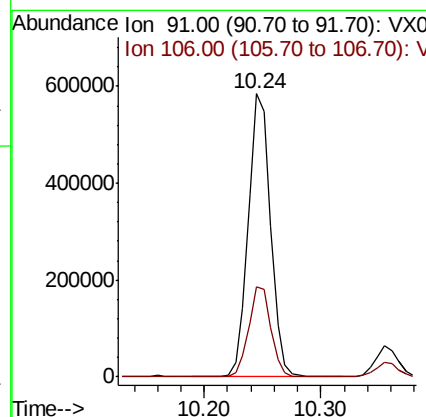
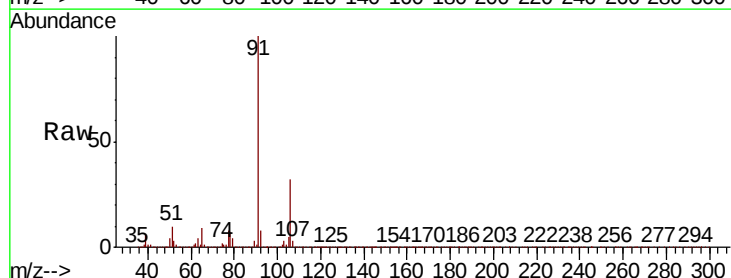
Instrument :
MSVOA_X
ClientSampleId :
MW-14

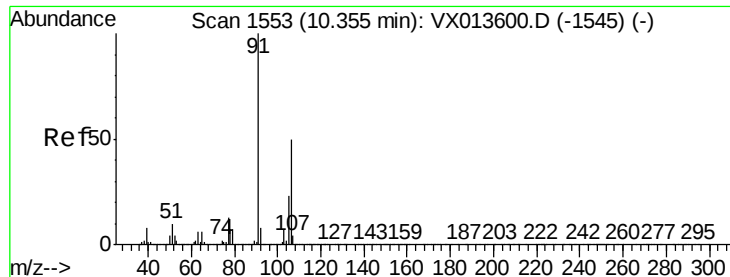
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	32.8	25.8	38.8



#67
Ethyl Benzene
Concen: 23.236 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.5	36.7

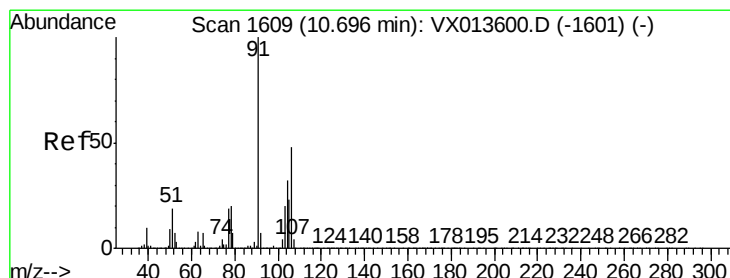
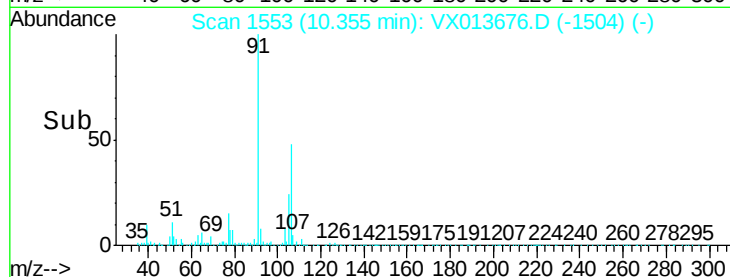
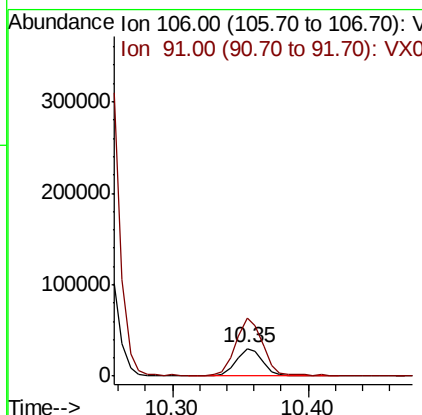
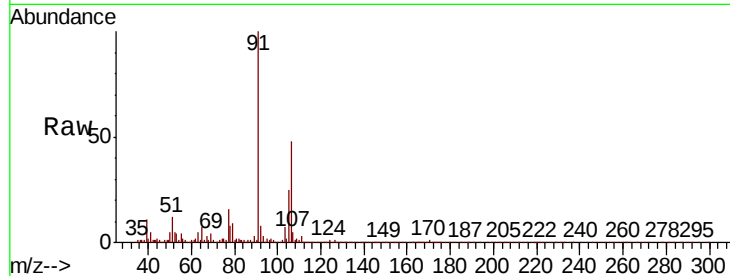




#68
m/p-Xylenes
Concen: 3.177 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

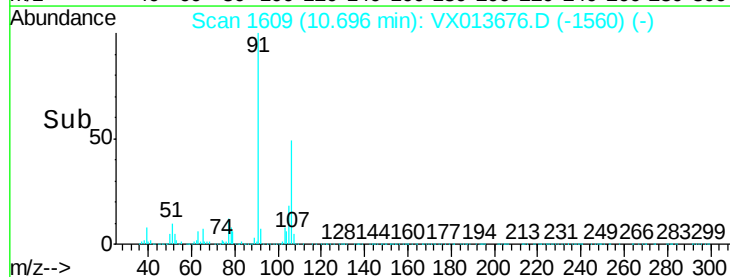
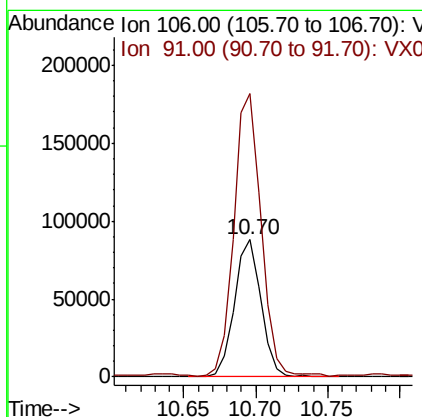
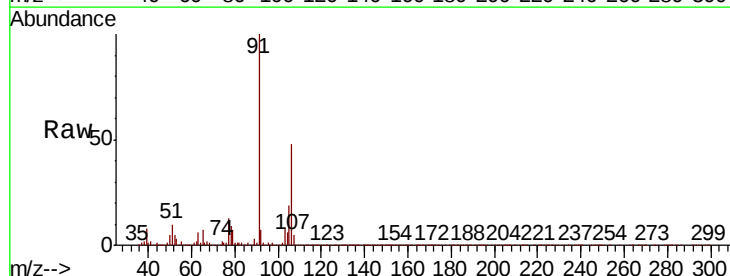
Instrument :
MSVOA_X
ClientSampleId :
MW-14

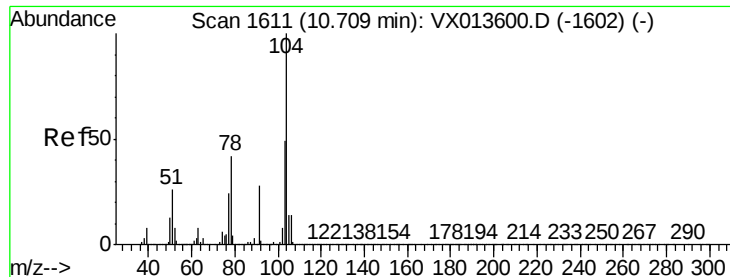
Tot Ion:106 Resp: 40801
Ion Ratio Lower Upper
106 100
91 209.2 159.0 238.4



#69
o-Xylene
Concen: 9.046 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion:106 Resp: 113306
Ion Ratio Lower Upper
106 100
91 210.3 104.1 312.2

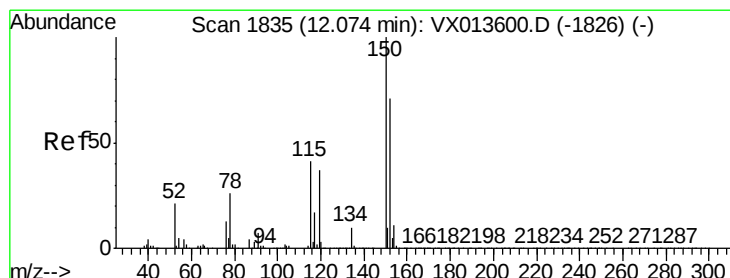
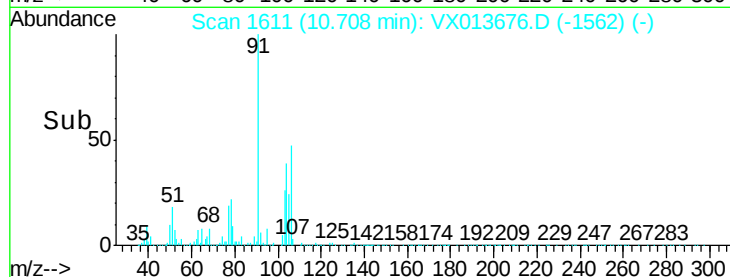
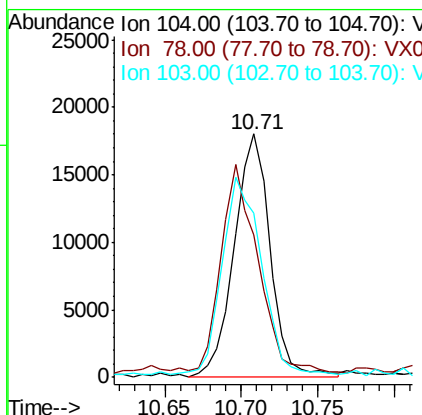
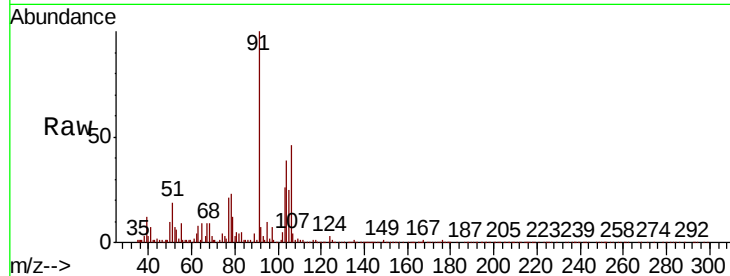




#70
Stvrene
Concen: 1.398 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

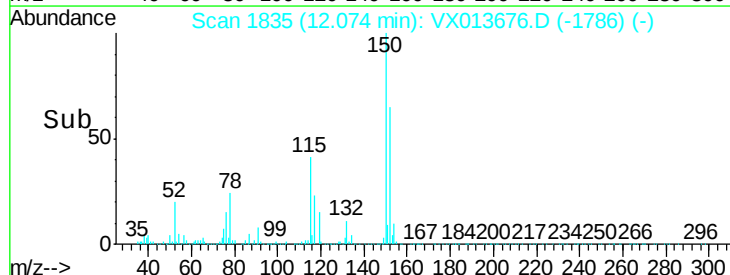
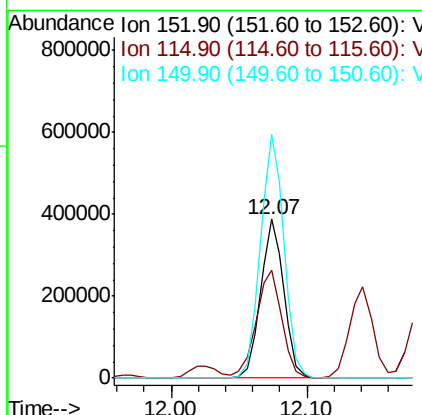
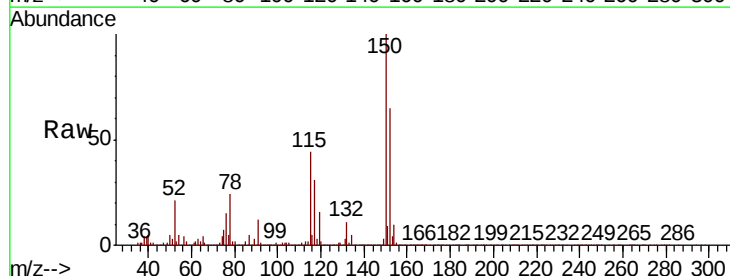
Instrument :
MSVOA_X
ClientSampleId :
MW-14

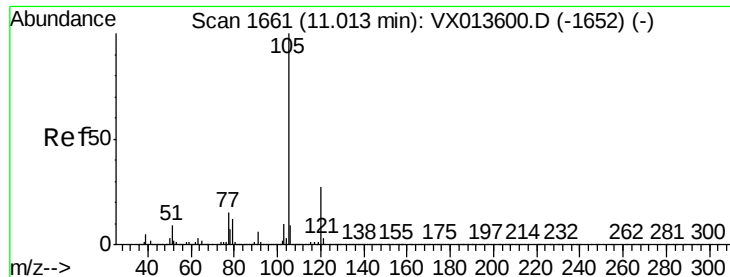
Tot Ion	Ratio	Lower	Upper
104	100		
78	87.6	38.5	57.7#
103	87.7	43.7	65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.0	38.4	115.1
150	156.1	0.0	346.8





#73

Isopropylbenzene

Concen: 92.138 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

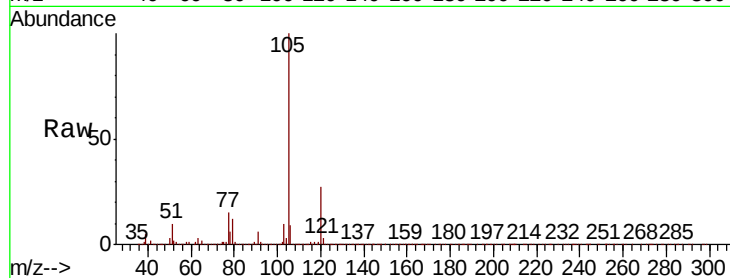
MW-14

Tot Ion:105 Resp: 2998897

Ion Ratio Lower Upper

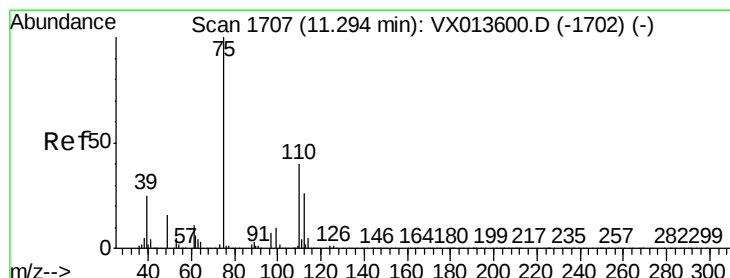
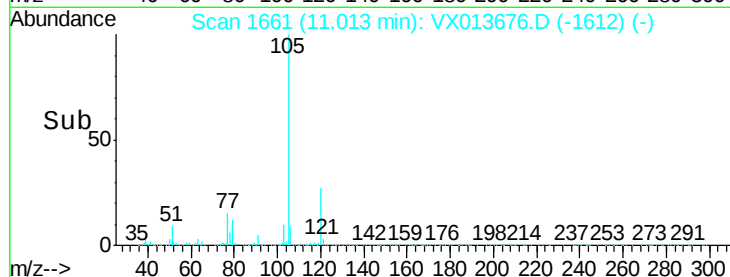
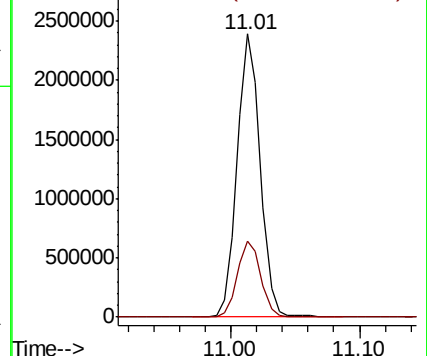
105 100

120 27.3 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: 1.717 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013676.D

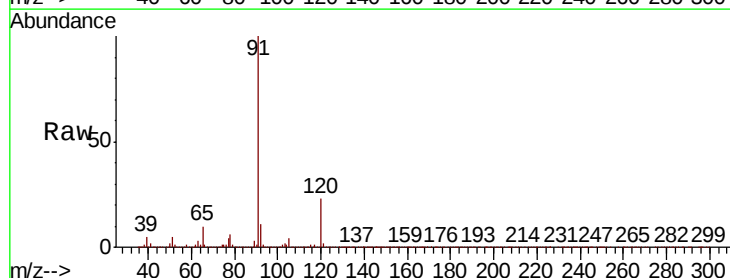
Acq: 28 Nov 2019 01:34

Tgt Ion: 75 Resp: 17917

Ion Ratio Lower Upper

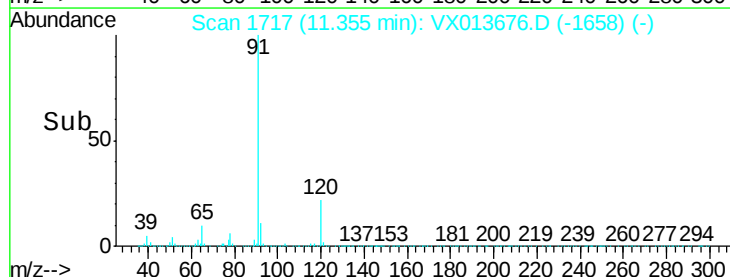
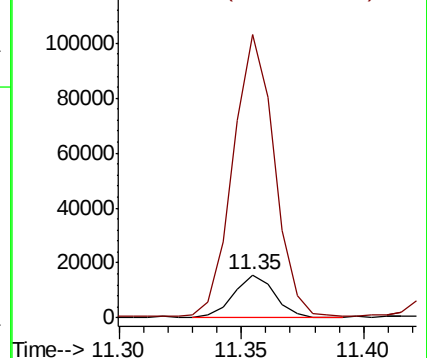
75 100

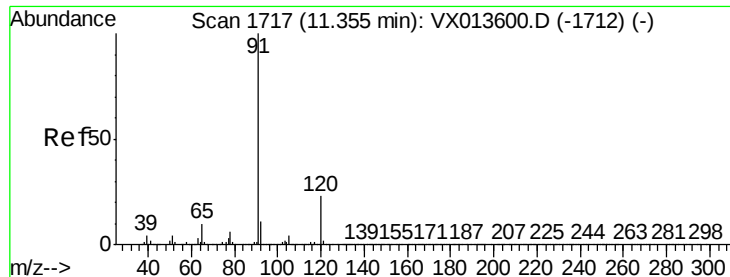
77 672.9 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 86.297 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

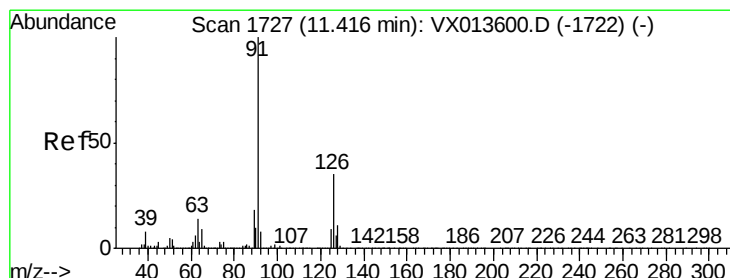
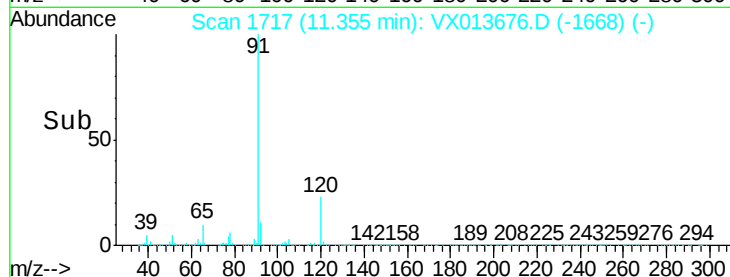
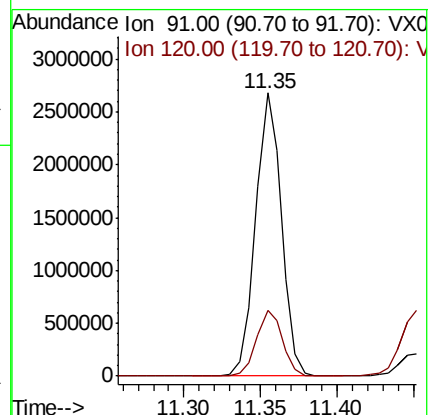
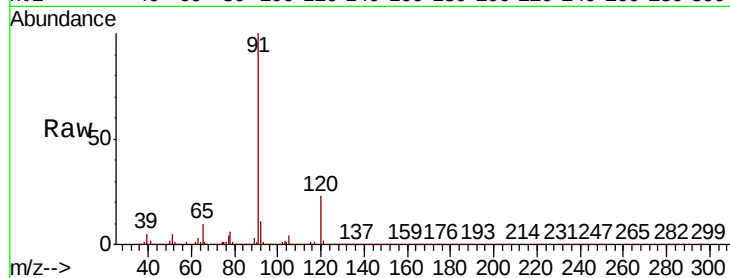
MW-14

Tot Ion: 91 Resp: 3135491

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3



#79

2-Chlorotoluene

Concen: 12.335 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013676.D

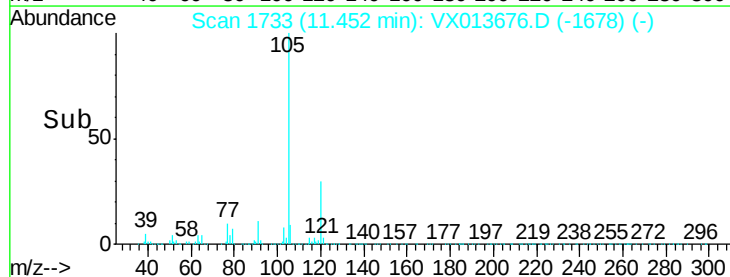
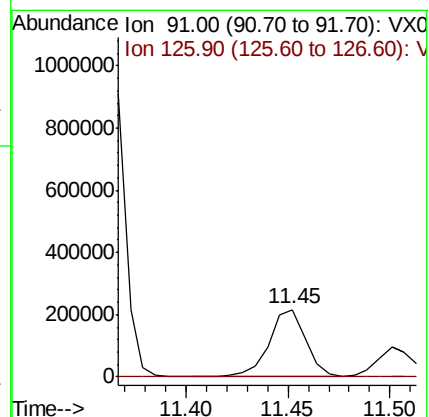
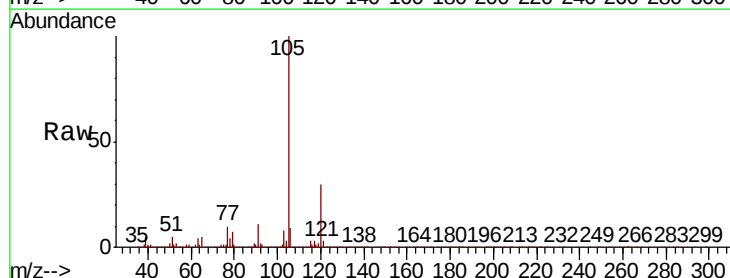
Acq: 28 Nov 2019 01:34

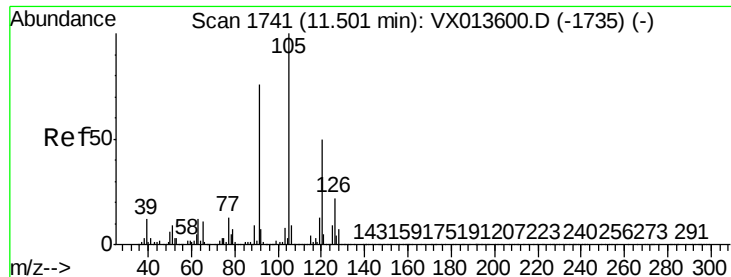
Tgt Ion: 91 Resp: 268856

Ion Ratio Lower Upper

91 100

126 1.5 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 37.875 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

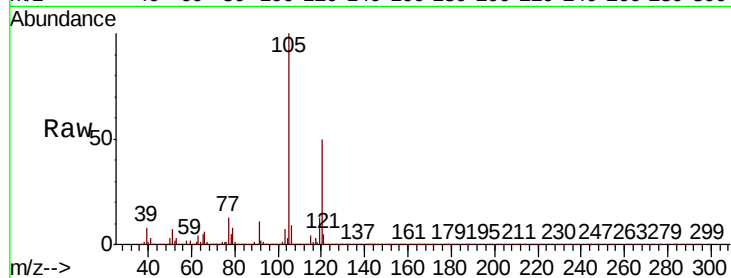
MW-14

Tot Ion:105 Resp: 1010366

Ion Ratio Lower Upper

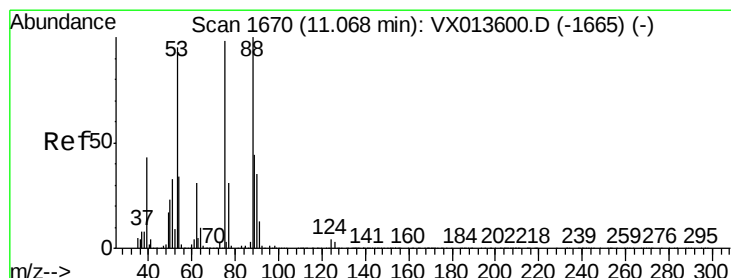
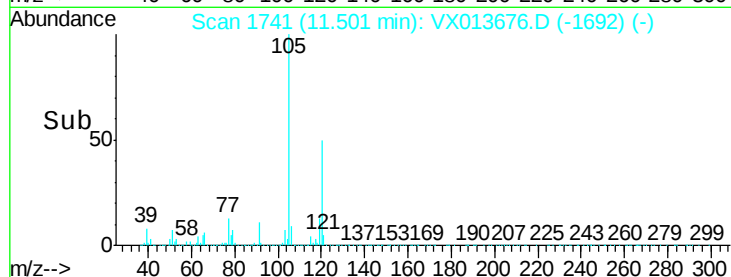
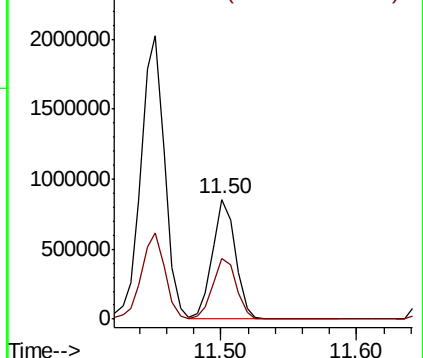
105 100

120 51.8 25.3 75.9



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: 8.264 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.06 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

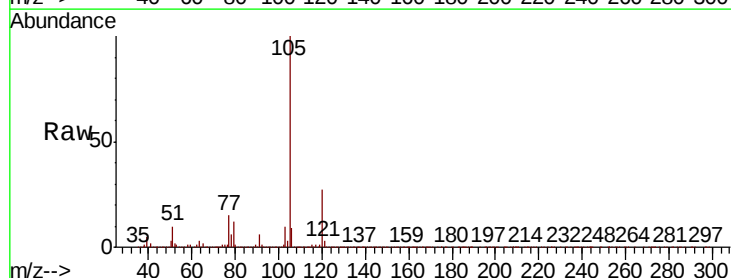
Tgt Ion: 75 Resp: 31526

Ion Ratio Lower Upper

75 100

53 116.8 78.2 117.2

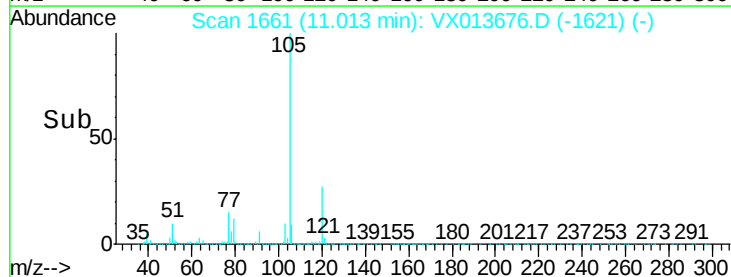
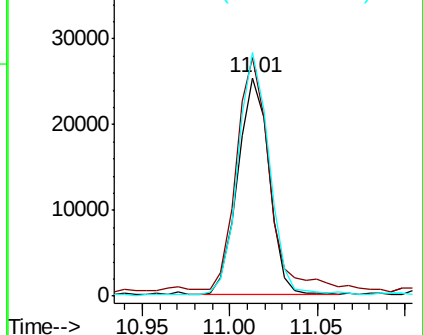
89 112.9 35.4 53.2#

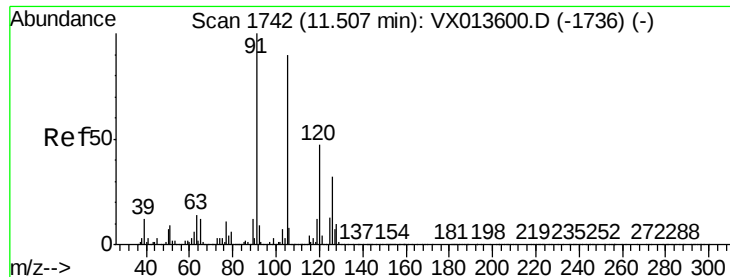


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 4.510 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

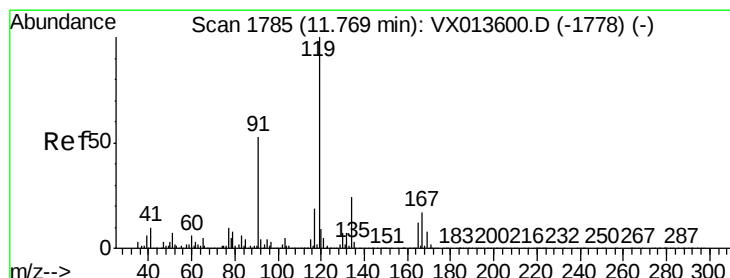
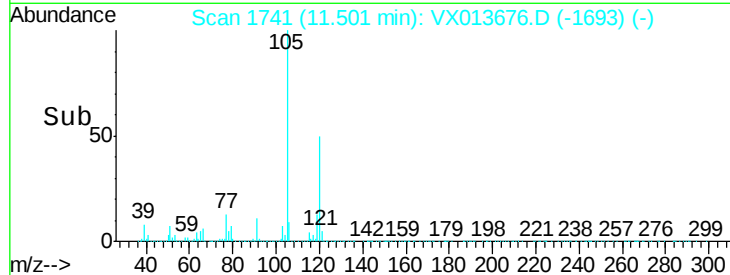
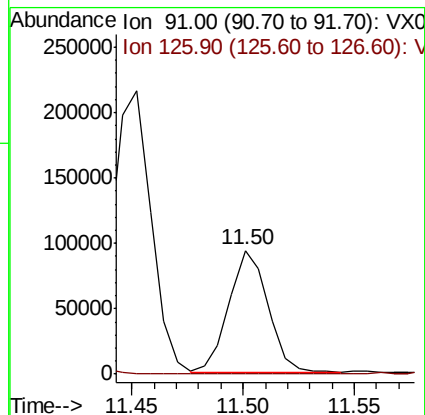
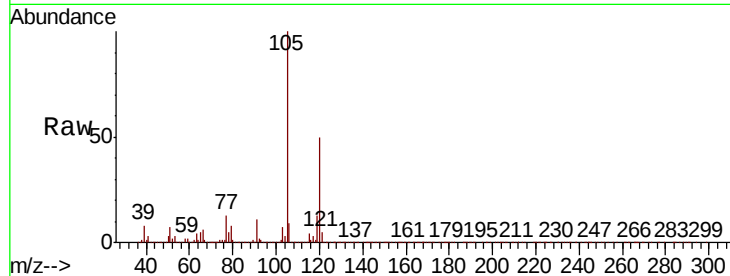
MW-14

Tot Ion: 91 Resp: 113851

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



#83

tert-Butylbenzene

Concen: 87.963 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

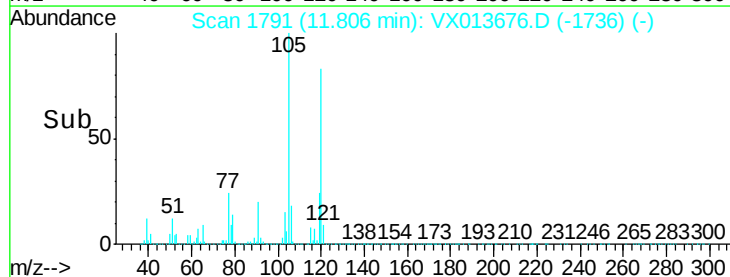
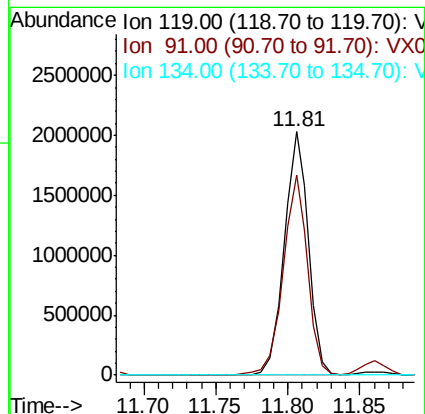
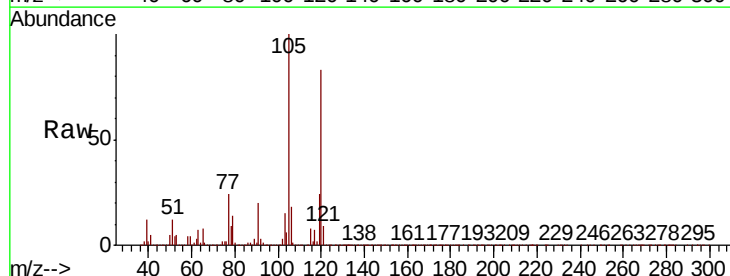
Tgt Ion: 119 Resp: 2384731

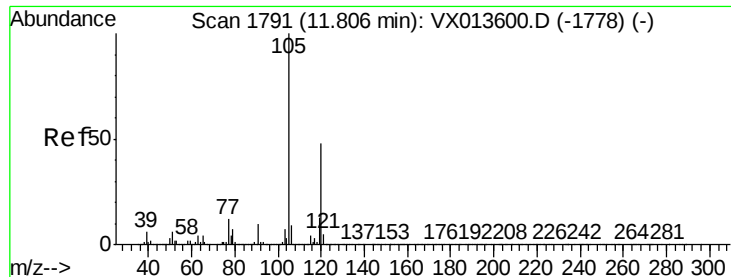
Ion Ratio Lower Upper

119 100

91 82.8 27.2 81.6#

134 0.0 11.7 35.1#



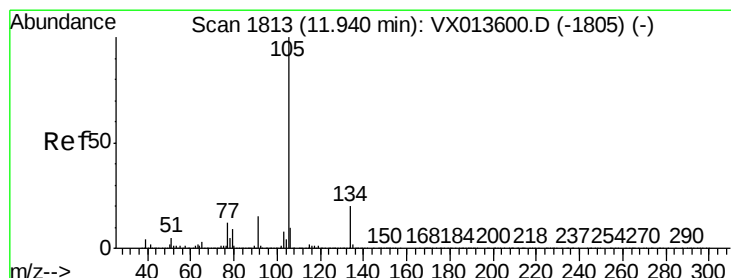
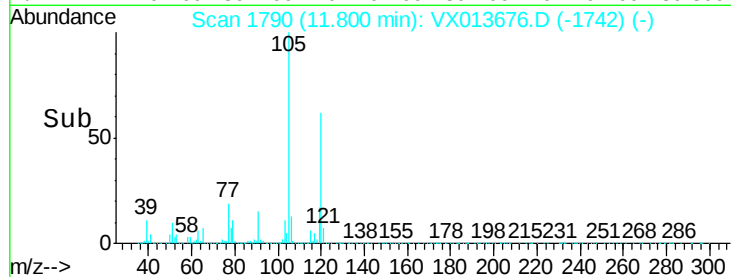
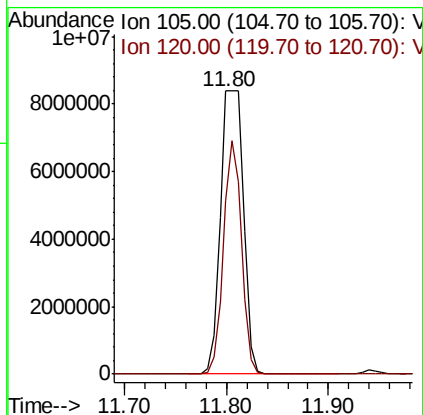
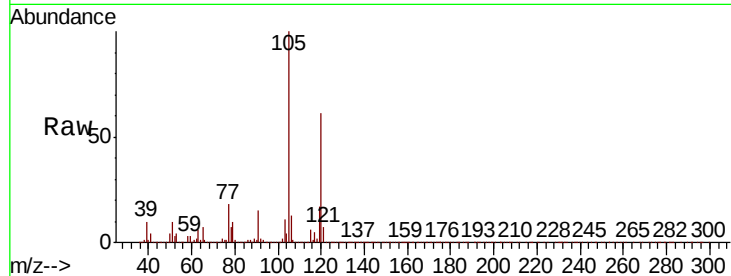


#84

1,2,4-Trimethylbenzene
Concen: 490.466 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

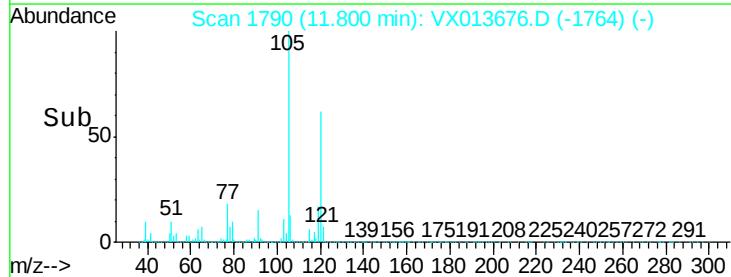
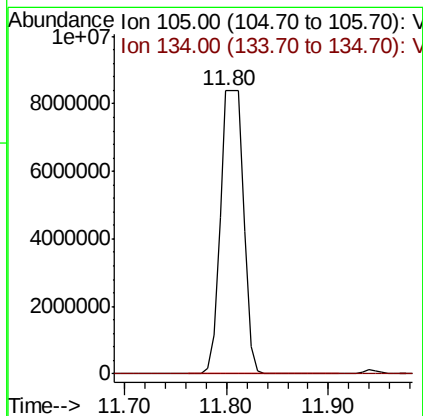
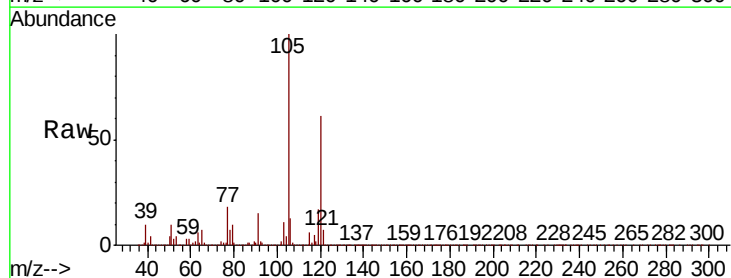
Tot Ion:105 Resp:13278666
Ion Ratio Lower Upper
105 100
120 63.8 23.1 69.3

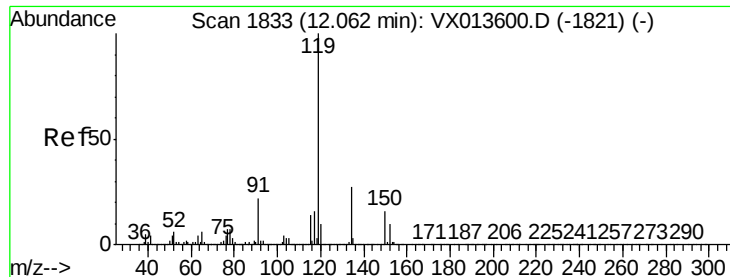


#85

sec-Butylbenzene
Concen: 428.810 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.14 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion:105 Resp:13278666
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#

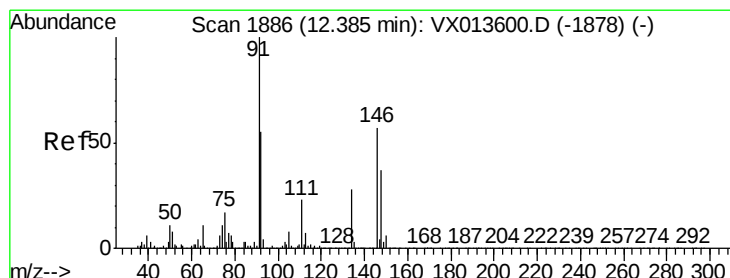
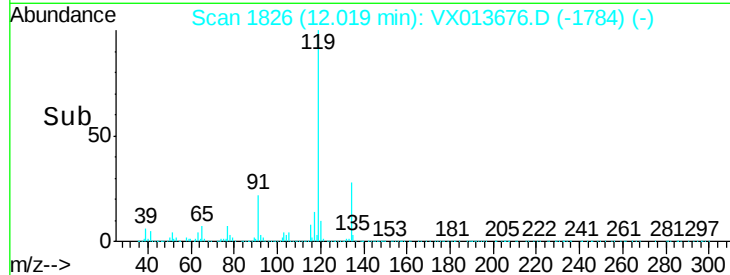
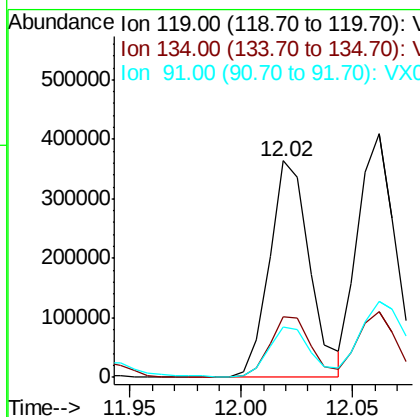
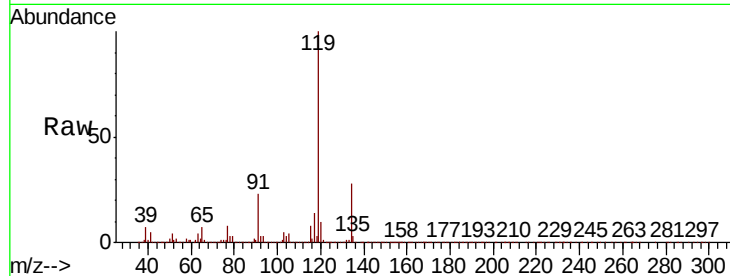




#86
p-Isopropyltoluene
Concen: 15.825 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

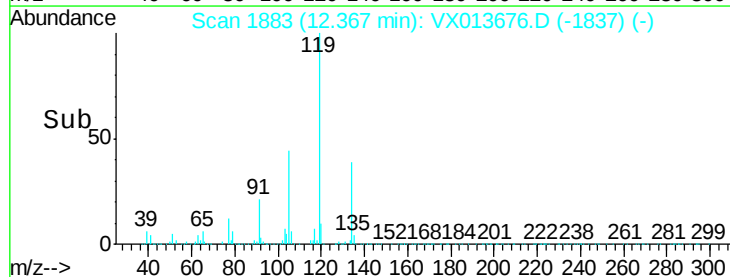
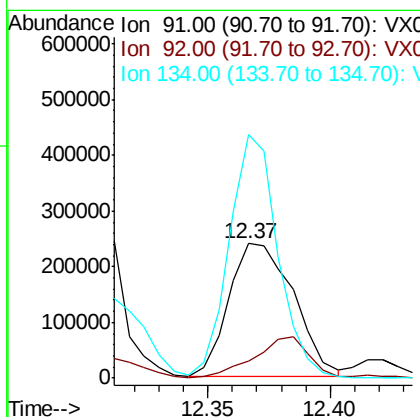
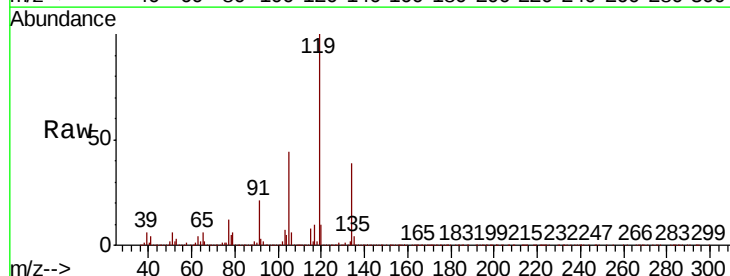
Instrument :
MSVOA_X
ClientSampled :
MW-14

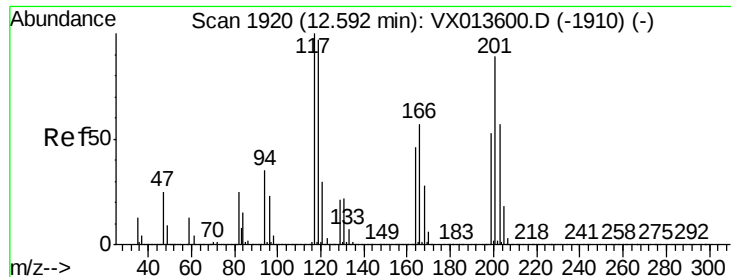
Tot Ion:119 Resp: 455894
Ion Ratio Lower Upper
119 100
134 28.7 13.3 39.9
91 24.2 11.3 33.8



#89
n-Butylbenzene
Concen: 17.796 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion: 91 Resp: 437264
Ion Ratio Lower Upper
91 100
92 25.8 27.4 82.2#
134 137.7 13.5 40.4#





#90

Hexachloroethane

Concen: 66.712 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

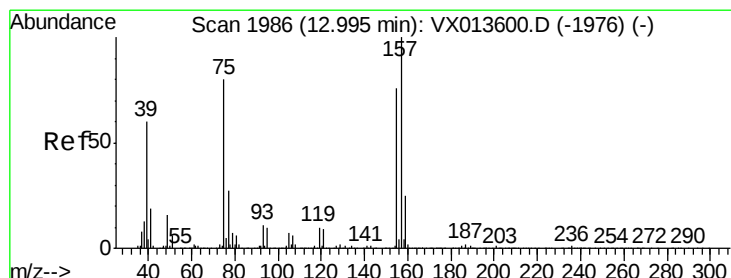
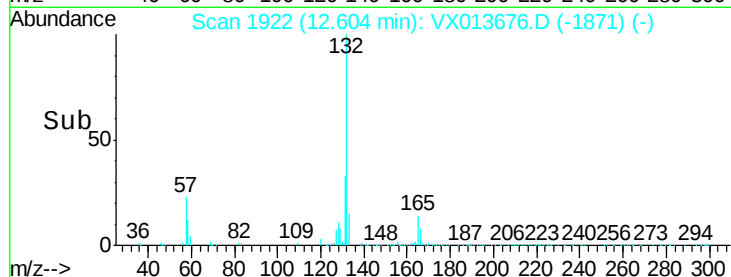
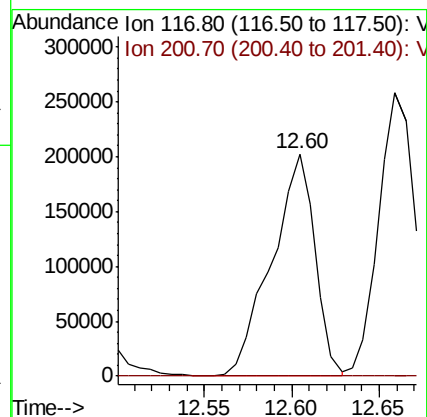
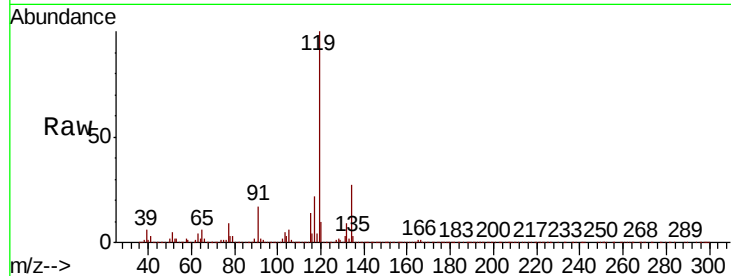
MW-14

Tot Ion:117 Resp: 347375

Ion Ratio Lower Upper

117 100

201 0.1 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.727 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

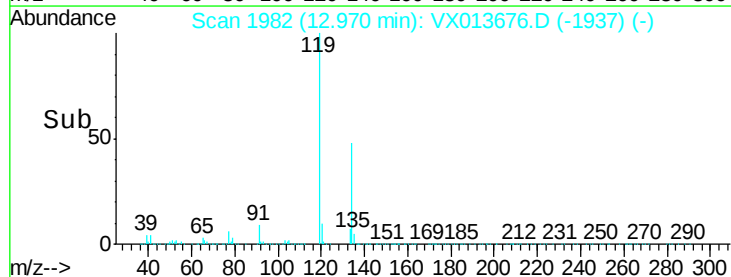
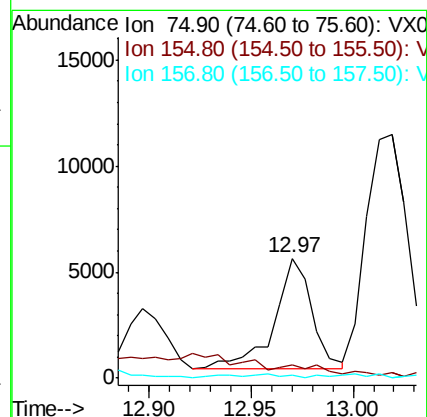
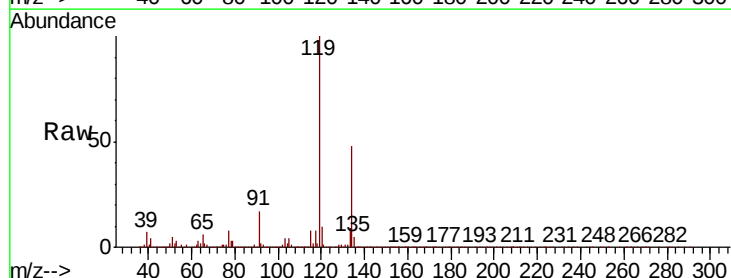
Tgt Ion: 75 Resp: 6702

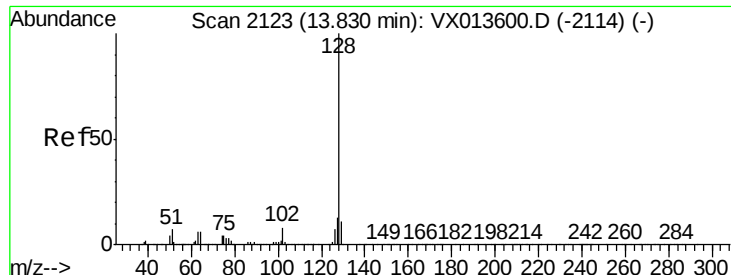
Ion Ratio Lower Upper

75 100

155 6.9 47.6 142.8#

157 0.0 62.1 186.2#





#95

Naphthalene

Concen: 21.350 ug/l

RT: 13.56 min Scan# 2078

Delta R.T. -0.27 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:128 Resp: 671052

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 172.1 8.7 13.1#

