

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013664.D
 Acq On : 27 Nov 2019 20:08
 Operator : JC/SP
 Sample : K6027-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1A

Quant Time: Nov 28 03:34:25 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	692505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1088529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	982751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	457644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	391300	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.49	113	324711	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	1311331	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	448702	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	2244	0.259	ug/l	97
6) Chloroethane	1.74	64	4166	0.752	ug/l #	41
11) Tert butyl alcohol	3.03	59	5014	2.527	ug/l #	74
13) Acrolein	2.25	56	8055	11.928	ug/l #	1
14) Allyl chloride	2.80	41	9481	0.793	ug/l #	1
15) Acrylonitrile	3.18	53	3903	0.953	ug/l #	33
16) Acetone	2.43	43	30844	7.772	ug/l	100
17) Carbon Disulfide	2.56	76	4714	0.251	ug/l	96
18) Methyl Acetate	2.84	43	23258	2.105	ug/l #	56
19) Methyl tert-butyl Ether	3.19	73	154171	7.062	ug/l #	68
22) Diisopropyl ether	3.84	45	4879	0.212	ug/l #	56
25) 2-Butanone	4.67	43	7032	1.192	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	2222	0.269	ug/l	39
29) Tetrahydrofuran	5.11	42	1254	0.345	ug/l #	63
30) Chloroform	5.19	83	2881	0.226	ug/l #	66
31) Cyclohexane	5.57	56	101944	8.585	ug/l	94
36) 1,1-Dichloropropene	5.65	75	46661	4.722	ug/l #	50
38) Carbon Tetrachloride	5.65	117	61782	6.781	ug/l #	15
39) Methylcyclohexane	7.45	83	161180	13.196	ug/l	92
40) Benzene	6.14	78	3453472	114.754	ug/l	99
41) Methacrylonitrile	5.05	41	2622	0.431	ug/l #	27
42) 1,2-Dichloroethane	6.14	62	29890	2.912	ug/l	75
43) Isopropyl Acetate	6.42	43	391294	21.441	ug/l #	18
44) Trichloroethene	7.22	130	2869	0.347	ug/l	99
48) Methyl methacrylate	7.73	41	14982	1.690	ug/l #	37
49) 1,4-Dioxane	7.72	88	466	2.348	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	9454	0.824	ug/l #	83
52) Toluene	8.78	92	80468	4.304	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	20650	2.741	ug/l #	21
56) Ethyl methacrylate	9.16	69	4331	0.358	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	1056	0.222	ug/l	95
59) 2-Hexanone	9.50	43	5364	0.599	ug/l	97
64) Tetrachloroethene	9.33	164	12345	1.684	ug/l	88
67) Ethyl Benzene	10.24	91	1138575	32.473	ug/l	99

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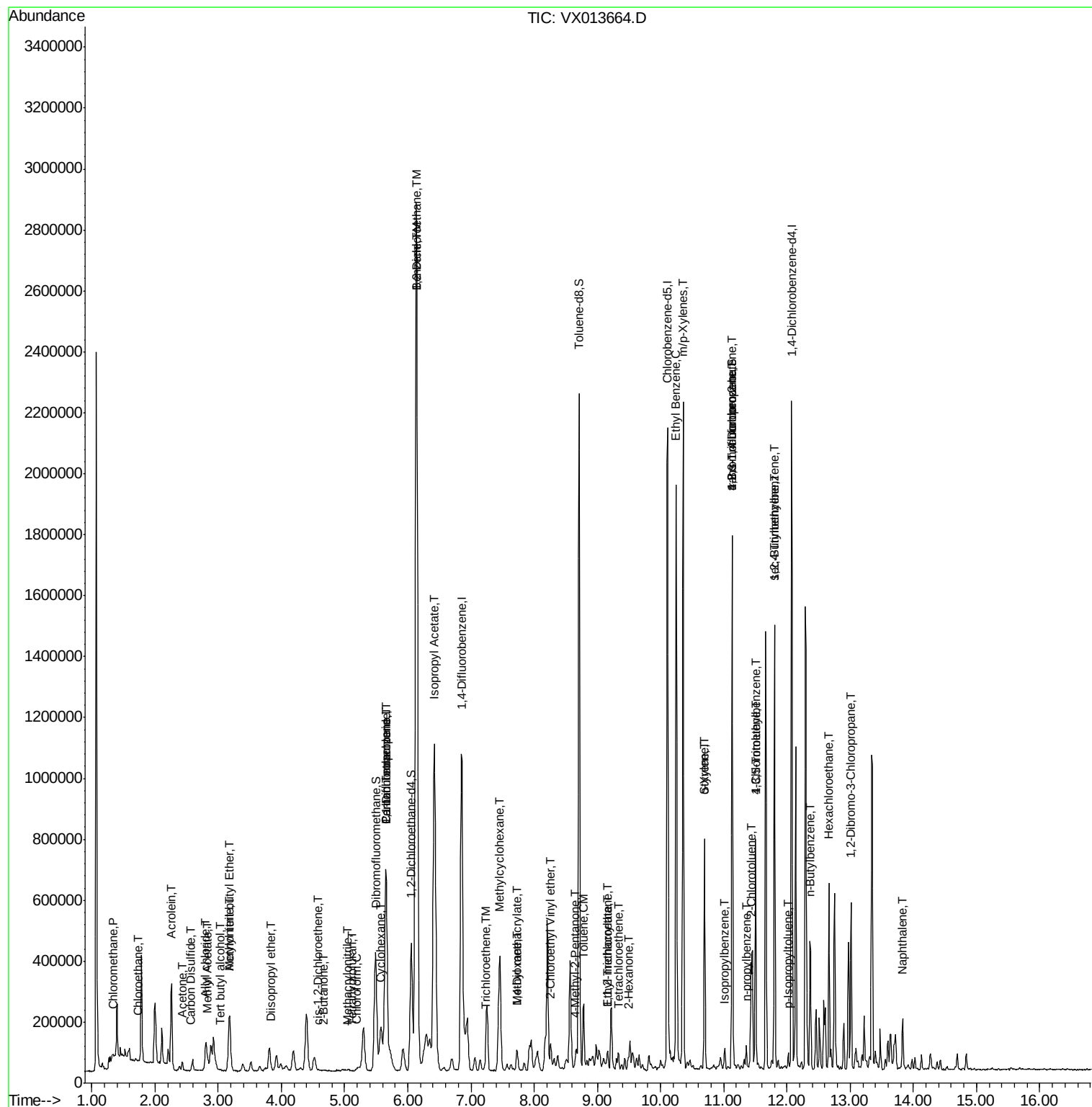
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.35	106	509942	37.988	ug/l	100
69) o-Xylene	10.70	106	162321	12.398	ug/l	98
70) Styrene	10.70	104	10401	0.472	ug/l #	1
73) Isopropylbenzene	11.01	105	32227	1.004	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	219025	21.279	ug/l #	39
78) n-propylbenzene	11.35	91	42003	1.172	ug/l	99
79) 2-Chlorotoluene	11.43	91	22495	1.046	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	322268	12.249	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	219025	58.214	ug/l #	11
82) 4-Chlorotoluene	11.50	91	32678	1.312	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	665738	24.932	ug/l	99
85) sec-Butylbenzene	11.81	105	665738	21.797	ug/l #	55
86) p-Isopropyltoluene	12.02	119	18899	0.665	ug/l	93
89) n-Butylbenzene	12.37	91	36594	1.510	ug/l #	1
90) Hexachloroethane	12.67	117	24289	4.729	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1766	0.728	ug/l #	11
95) Naphthalene	13.83	128	104741	3.379	ug/l	97

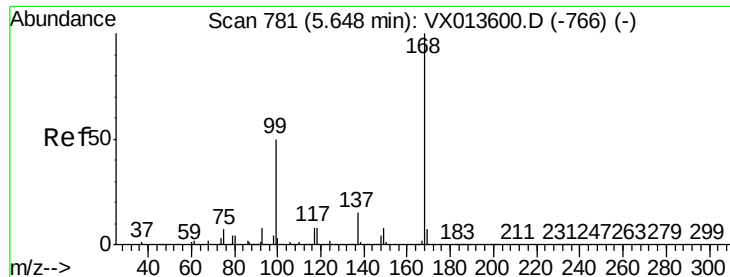
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

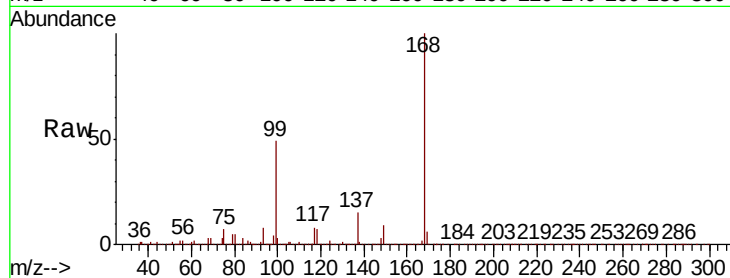
MW-1A

Tot Ion:168 Resp: 692505

Ion Ratio Lower Upper

168 100

99 48.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

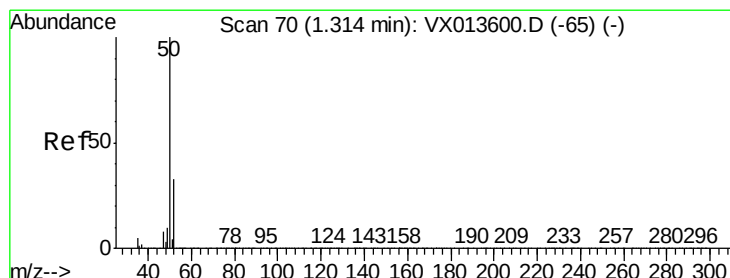
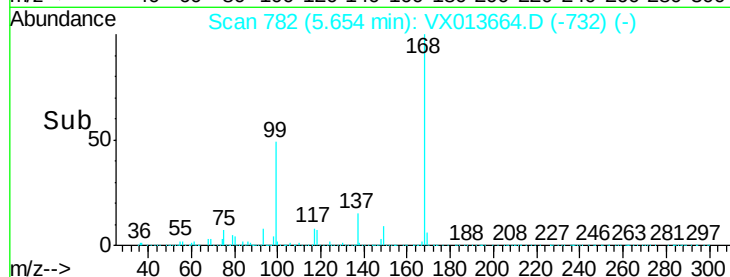
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.02 min

Lab File: VX013664.D

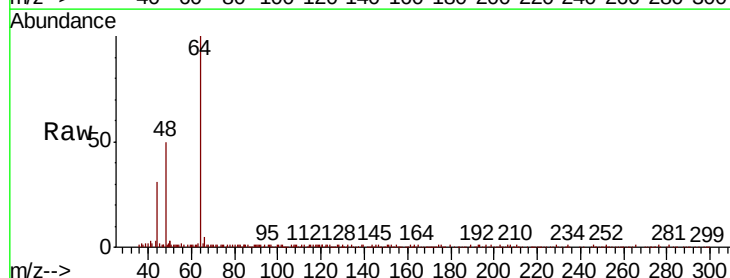
Acq: 27 Nov 2019 20:08

Tgt Ion: 50 Resp: 2244

Ion Ratio Lower Upper

50 100

52 30.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

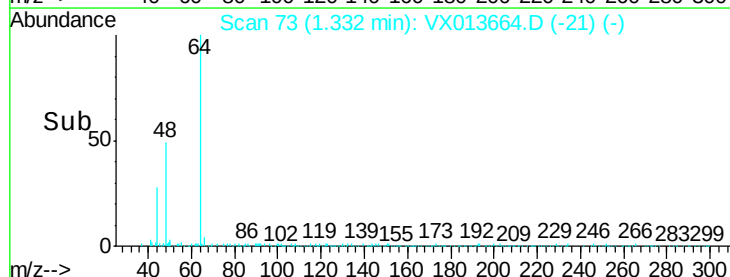
1500

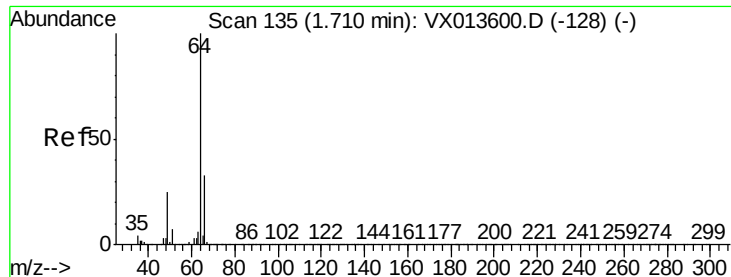
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.752 ug/l

RT: 1.74 min Scan# 140

Delta R.T. 0.03 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

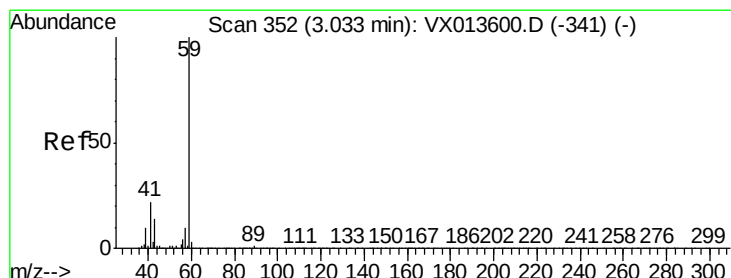
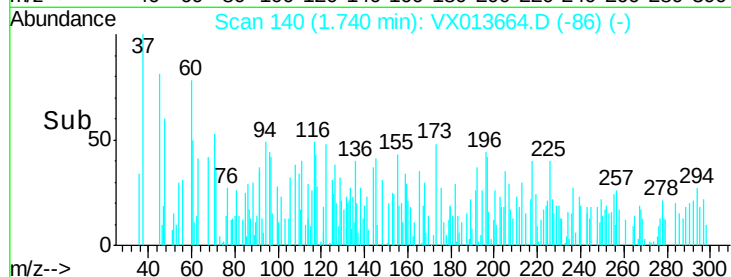
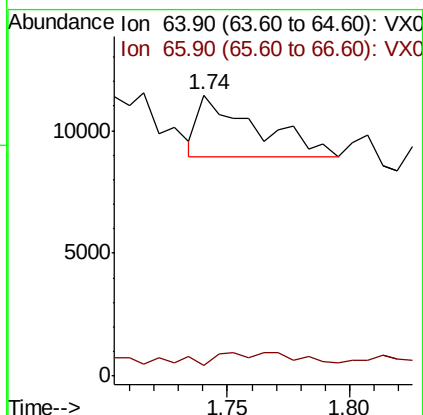
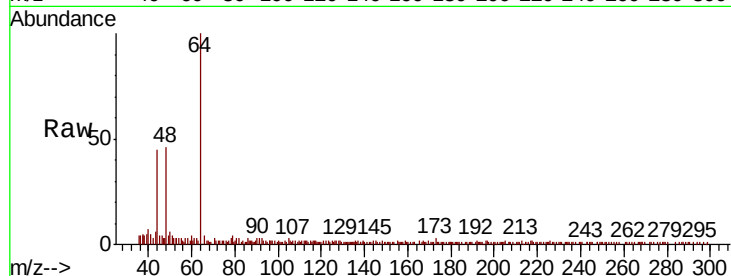
MW-1A

Tot Ion: 64 Resp: 4166

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#



#11

Tert butyl alcohol

Concen: 2.527 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013664.D

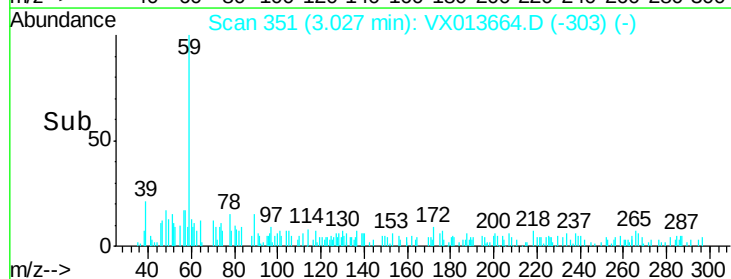
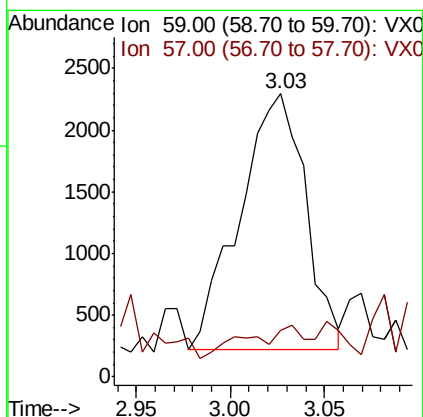
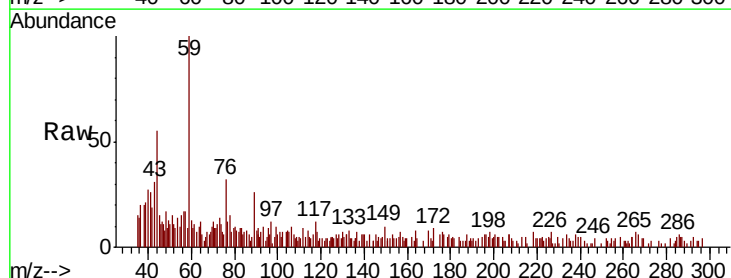
Acq: 27 Nov 2019 20:08

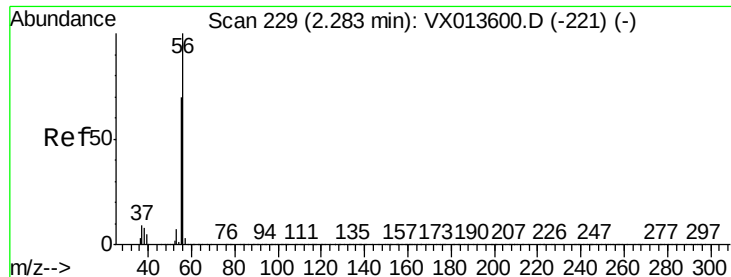
Tgt Ion: 59 Resp: 5014

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#





#13

Acrolein

Concen: 11.928 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.03 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

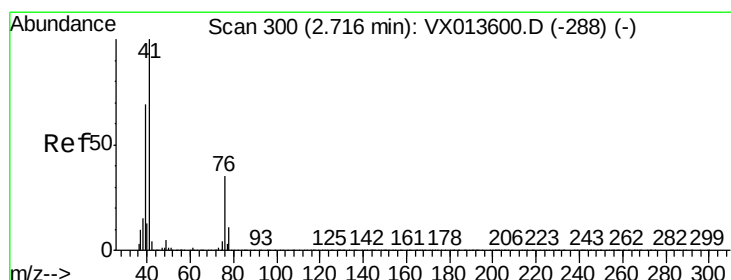
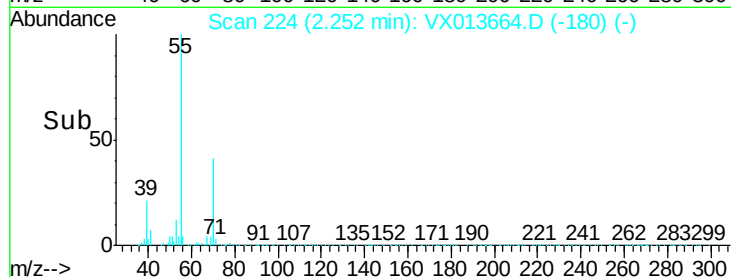
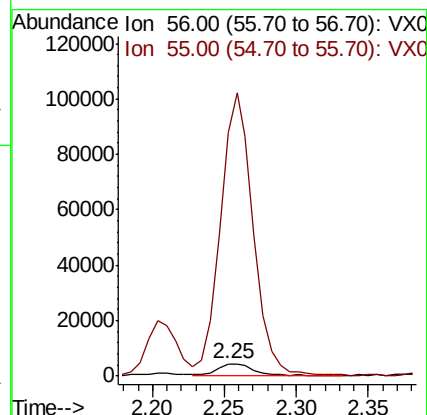
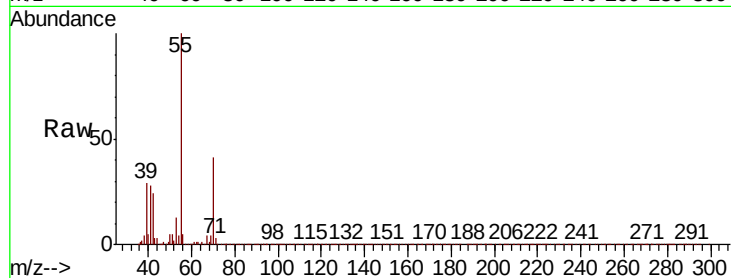
MW-1A

Tot Ion: 56 Resp: 8055

Ion Ratio Lower Upper

56 100

55 1987.4 56.2 84.4#



#14

Allyl chloride

Concen: 0.793 ug/l

RT: 2.80 min Scan# 314

Delta R.T. 0.09 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

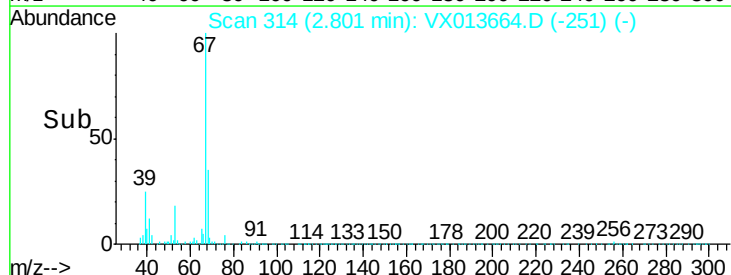
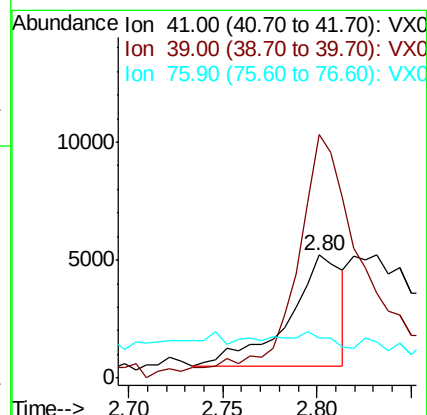
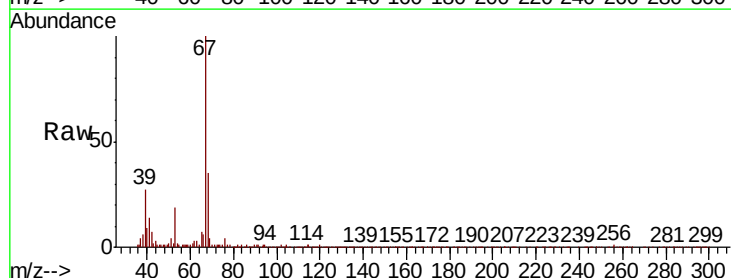
Tgt Ion: 41 Resp: 9481

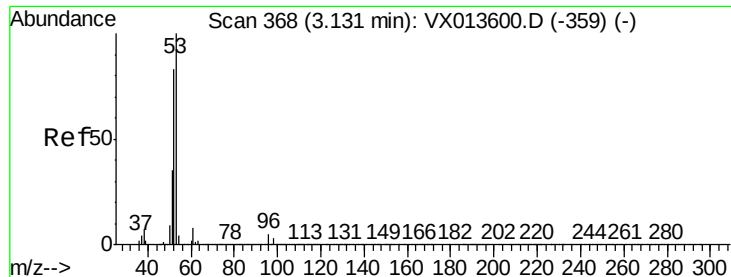
Ion Ratio Lower Upper

41 100

39 278.2 51.7 77.5#

76 0.0 25.9 38.9#





#15

Acrylonitrile

Concen: 0.953 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.05 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

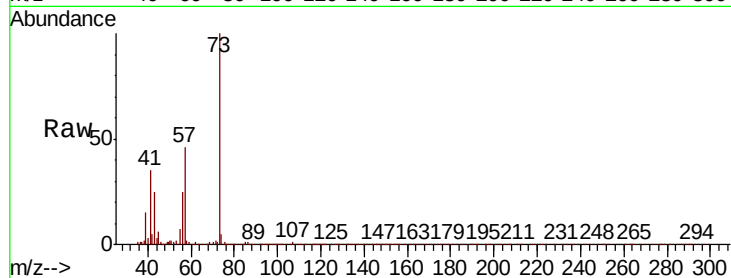
MSVOA_X

ClientSampleId :

MW-1A

Tot Ion: 53 Resp: 3903

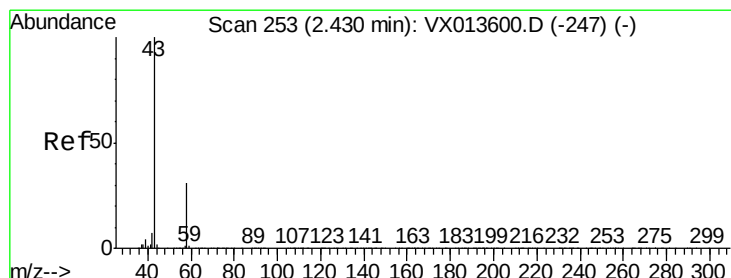
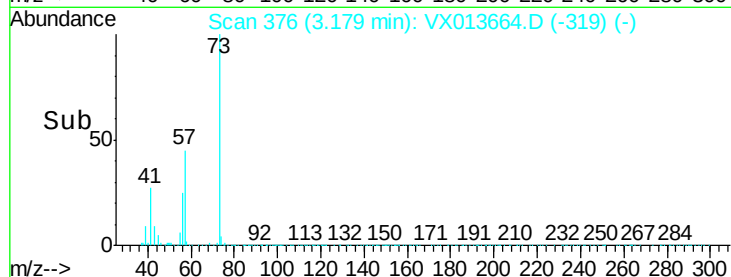
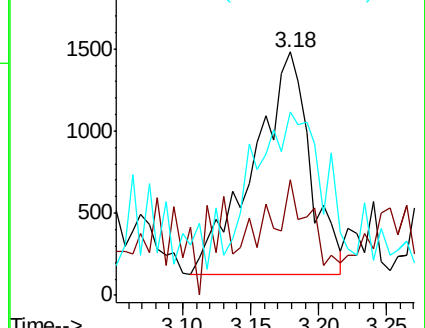
Ion	Ratio	Lower	Upper
53	100		
52	23.9	66.2	99.2#
51	77.6	29.0	43.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 7.772 ug/l

RT: 2.43 min Scan# 253

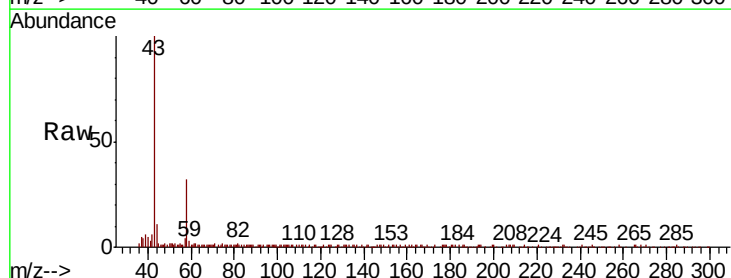
Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

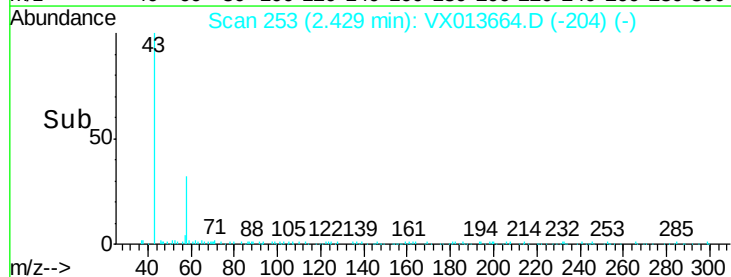
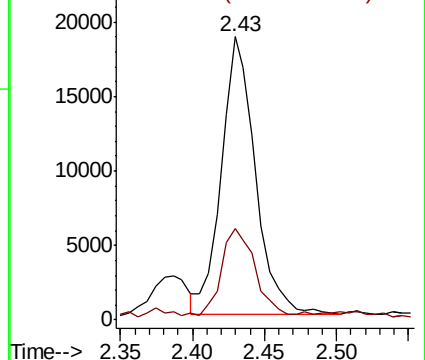
Tgt Ion: 43 Resp: 30844

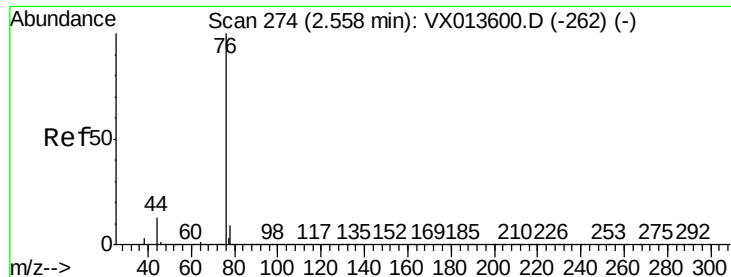
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013664.D

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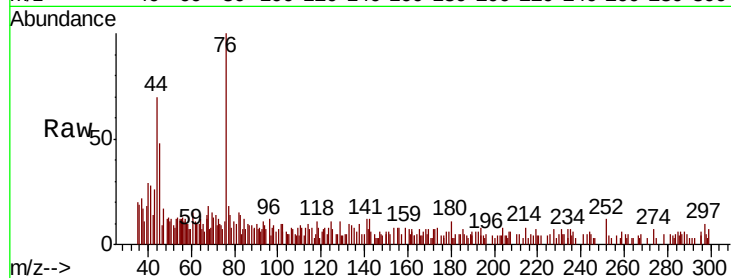
MW-1A

Tot Ion: 76 Resp: 4714

Ion Ratio Lower Upper

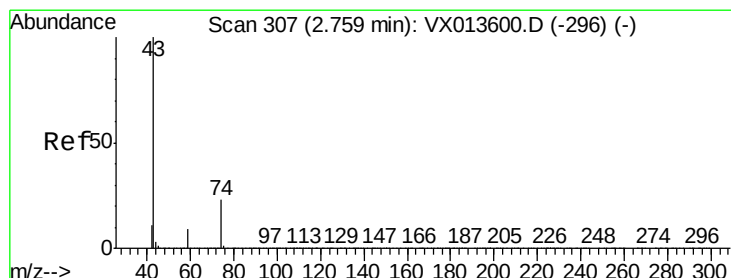
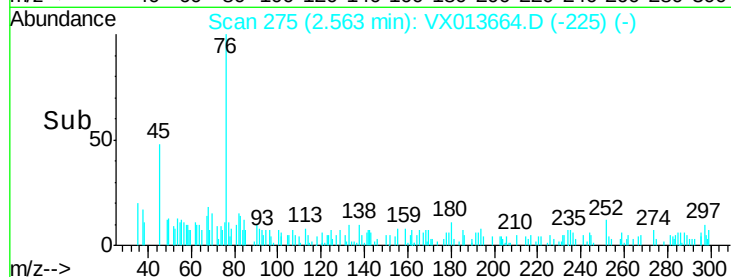
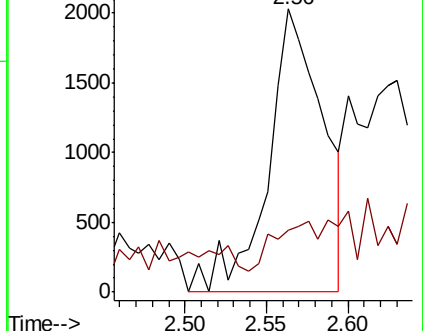
76 100

78 7.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.105 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.08 min

Lab File: VX013664.D

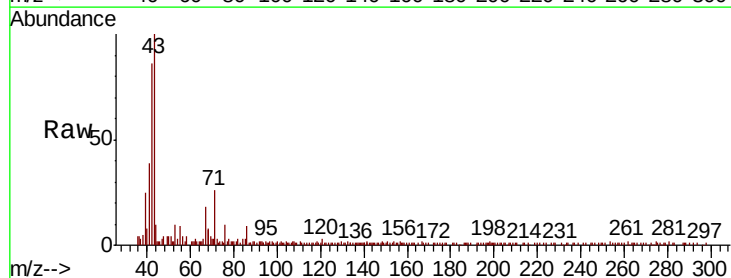
Acq: 27 Nov 2019 20:08

Tgt Ion: 43 Resp: 23258

Ion Ratio Lower Upper

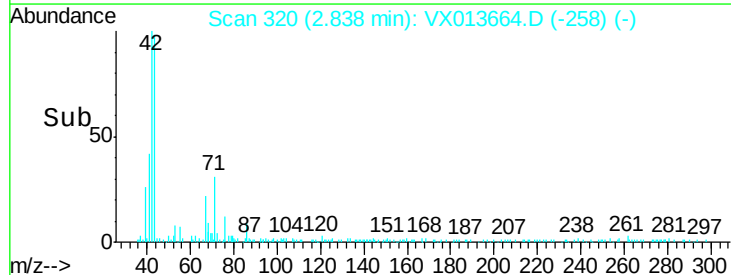
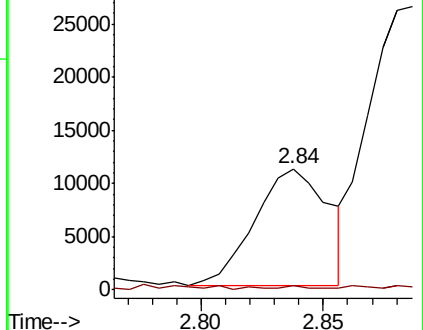
43 100

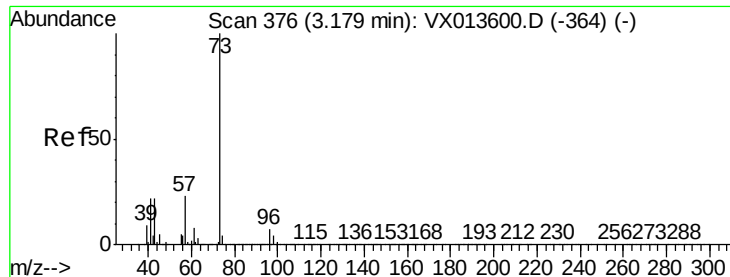
74 2.7 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



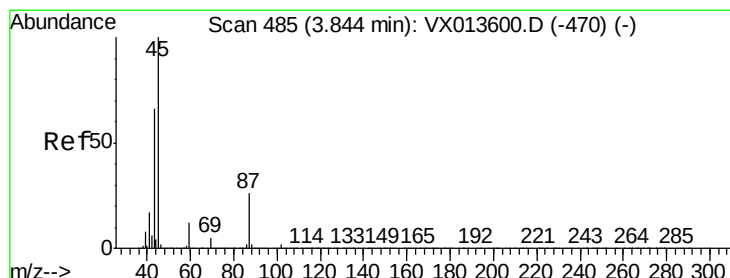
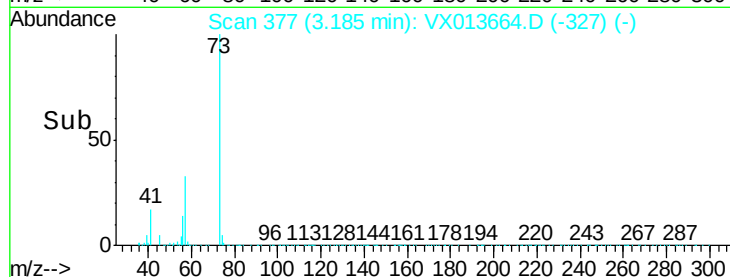
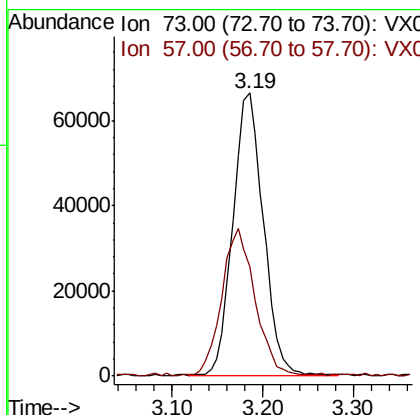
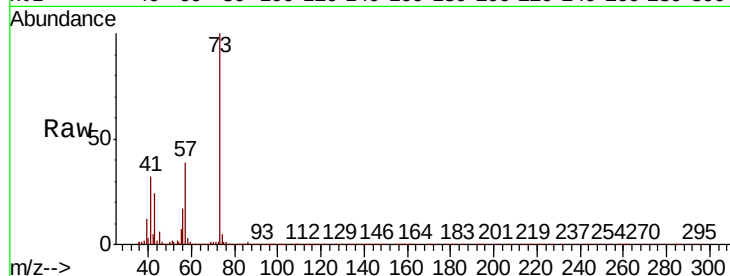


#19

Methyl tert-butyl Ether
 Concen: 7.062 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

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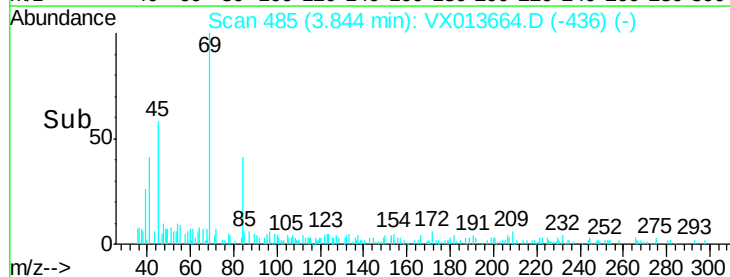
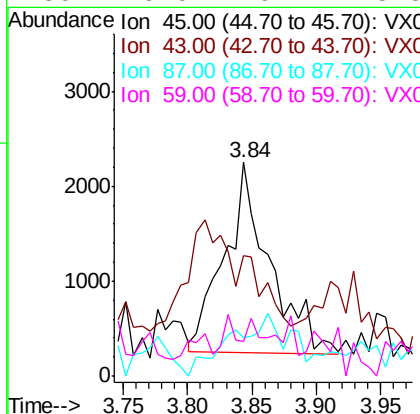
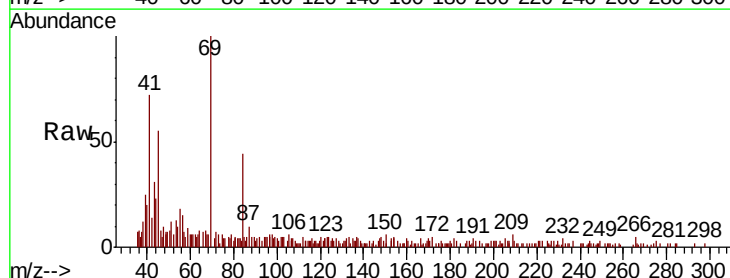
Tot Ion: 73 Resp: 154171
 Ion Ratio Lower Upper
 73 100
 57 38.4 18.3 27.5#

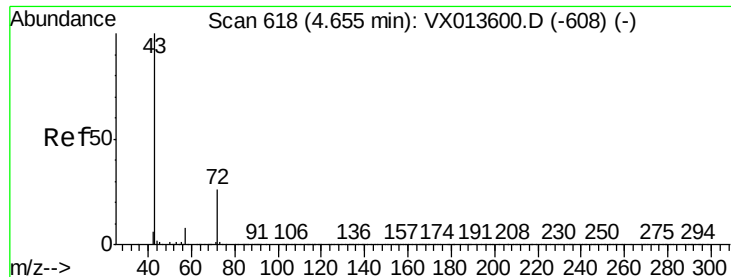


#22

Diisopropyl ether
 Concen: 0.212 ug/l
 RT: 3.84 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

Tgt Ion: 45 Resp: 4879
 Ion Ratio Lower Upper
 45 100
 43 17.9 52.6 79.0#
 87 21.4 21.1 31.7
 59 0.0 9.2 13.8#





#25

2-Butanone

Concen: 1.192 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

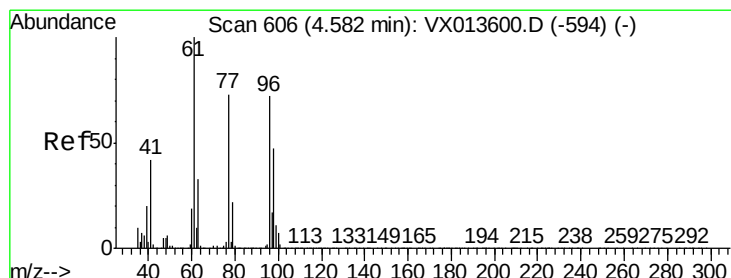
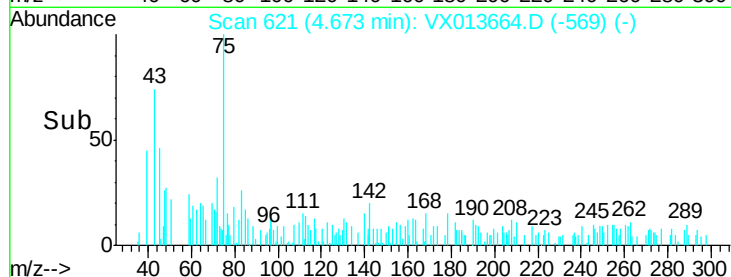
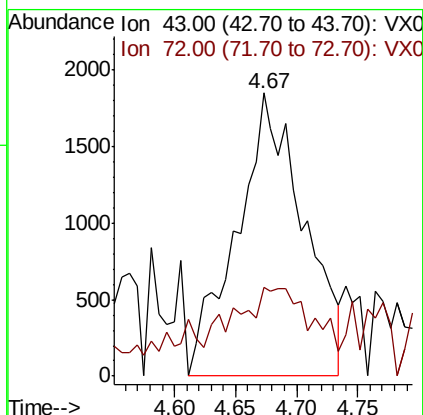
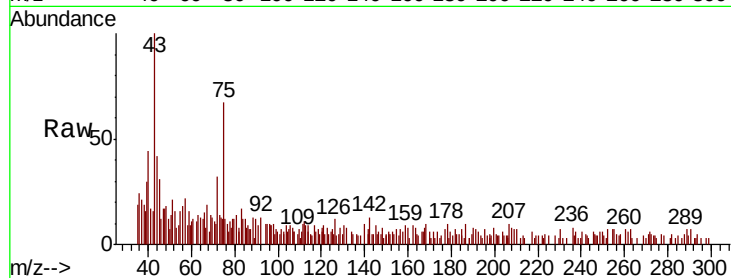
MW-1A

Tot Ion: 43 Resp: 7032

Ion Ratio Lower Upper

43 100

72 22.9 20.6 31.0



#27

cis-1,2-Dichloroethene

Concen: 0.269 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

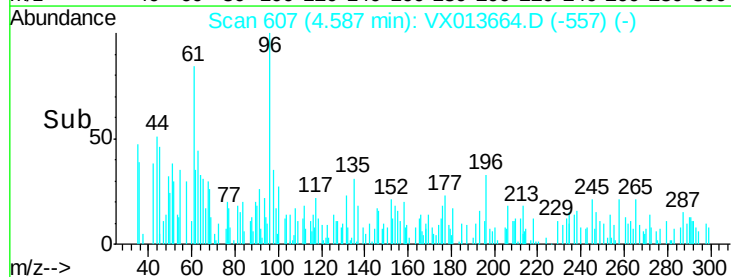
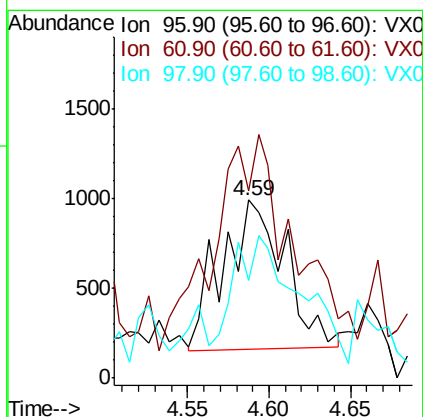
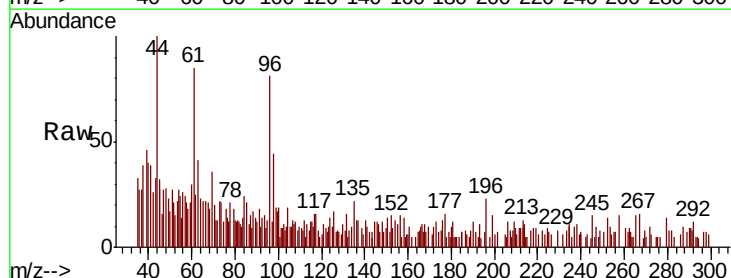
Tgt Ion: 96 Resp: 2222

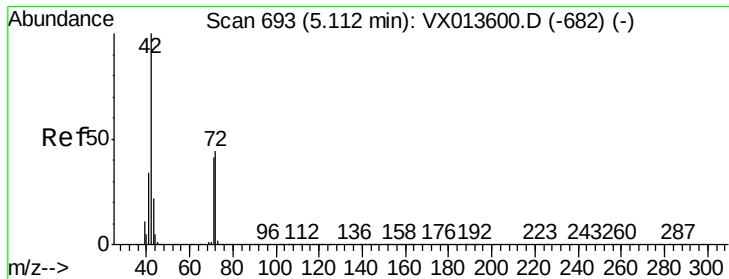
Ion Ratio Lower Upper

96 100

61 233.2 0.0 286.4

98 90.4 0.0 127.4





#29

Tetrahydrofuran

Concen: 0.345 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

MW-1A

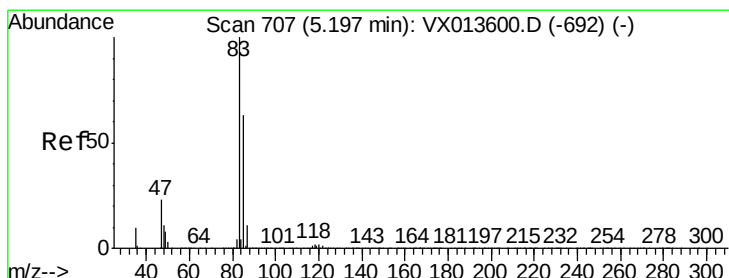
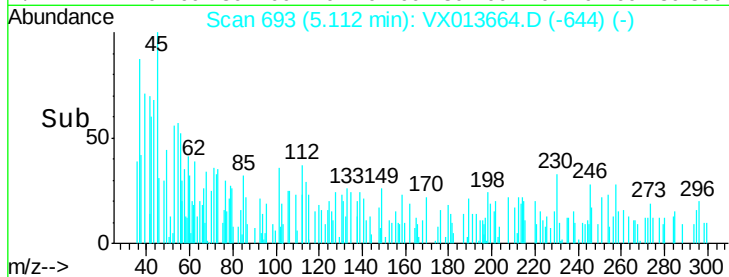
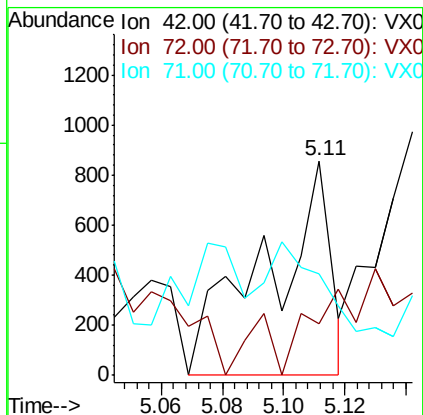
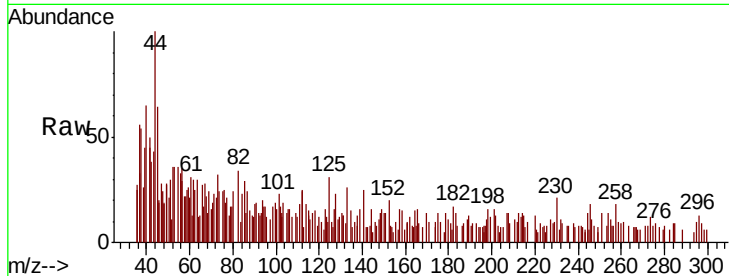
Tot Ion: 42 Resp: 1254

Ion Ratio Lower Upper

42 100

72 11.3 36.3 54.5#

71 54.0 33.2 49.8#



#30

Chloroform

Concen: 0.226 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013664.D

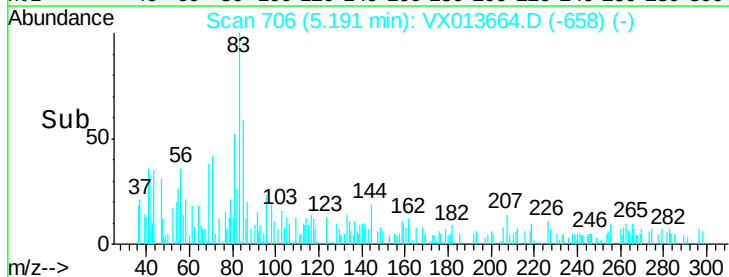
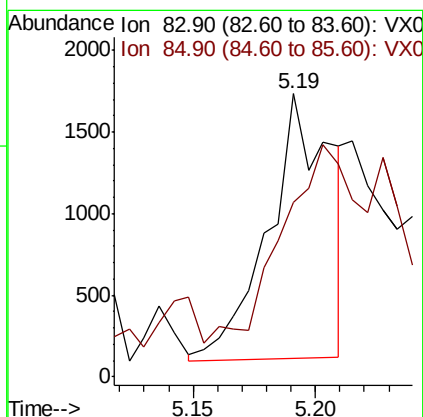
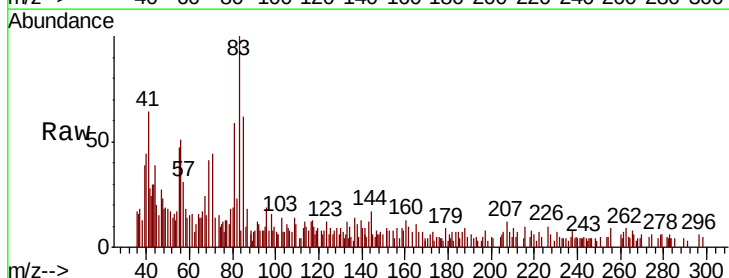
Acq: 27 Nov 2019 20:08

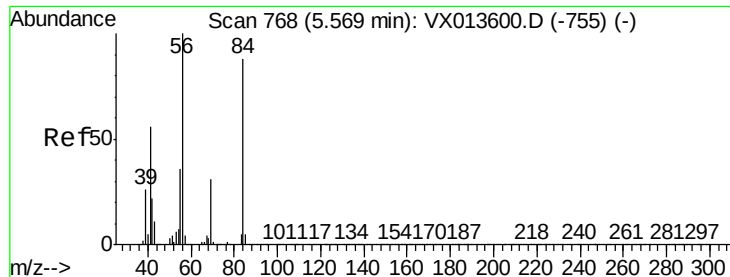
Tgt Ion: 83 Resp: 2881

Ion Ratio Lower Upper

83 100

85 36.4 50.2 75.4#





#31

Cyclohexane

Concen: 8.585 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

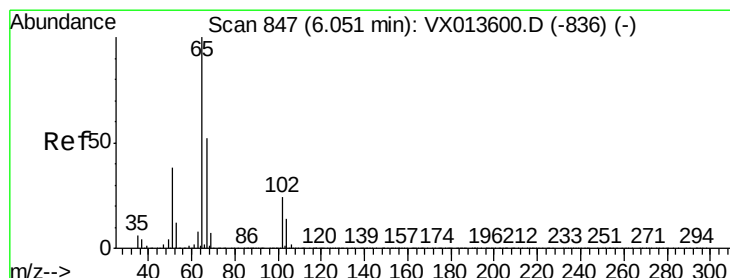
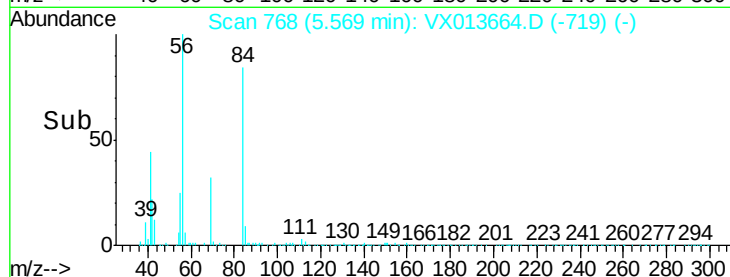
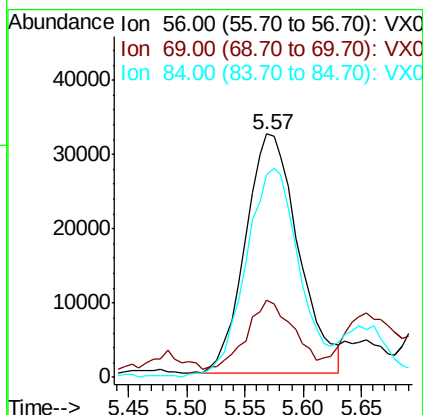
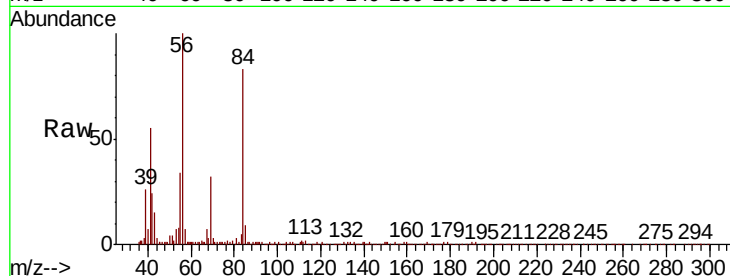
Tot Ion: 56 Resp: 101944

Ion Ratio Lower Upper

56 100

69 25.6 24.6 36.8

84 83.3 70.0 105.0



#33

1,2-Dichloroethane-d4

Concen: 48.679 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013664.D

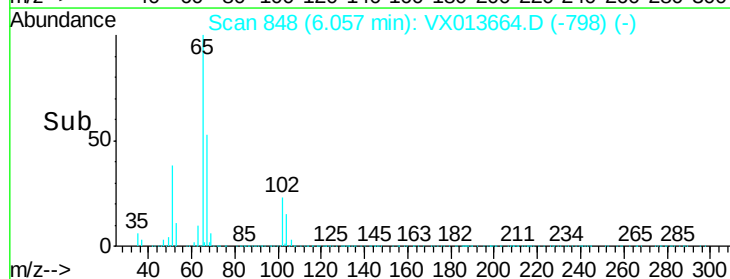
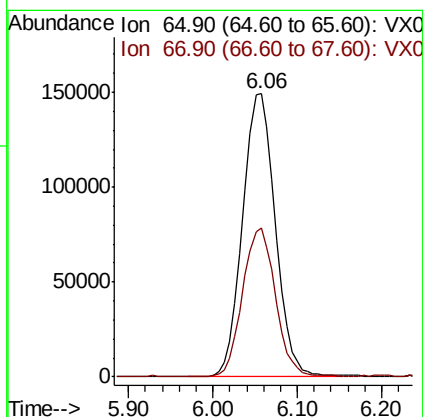
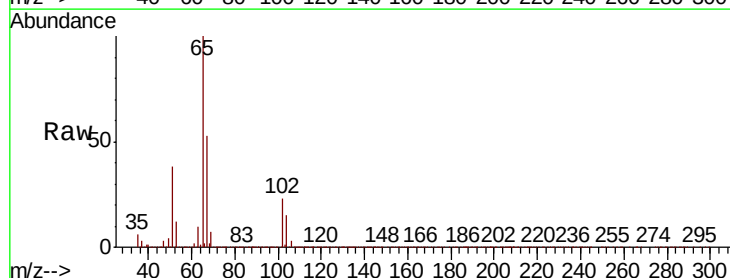
Acq: 27 Nov 2019 20:08

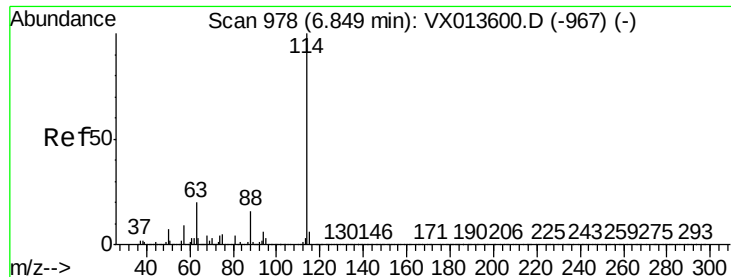
Tgt Ion: 65 Resp: 391300

Ion Ratio Lower Upper

65 100

67 52.6 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: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

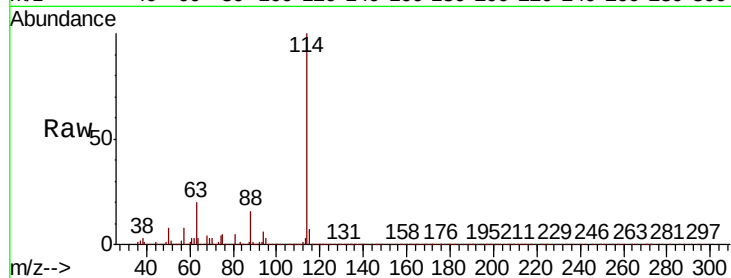
MSVOA_X

ClientSampleId :

MW-1A

Tot Ion:114 Resp: 1088529

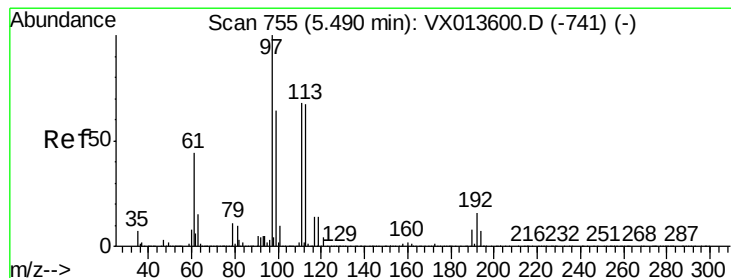
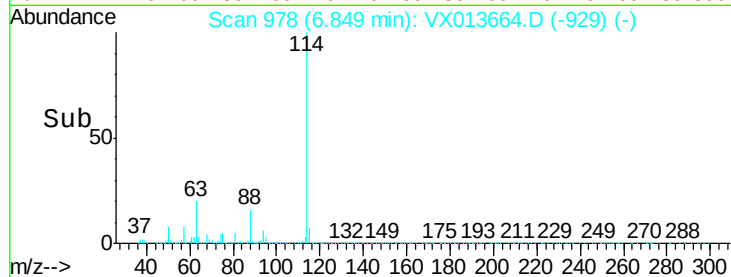
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.9	0.0	31.4



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: 48.252 ug/l

RT: 5.49 min Scan# 755

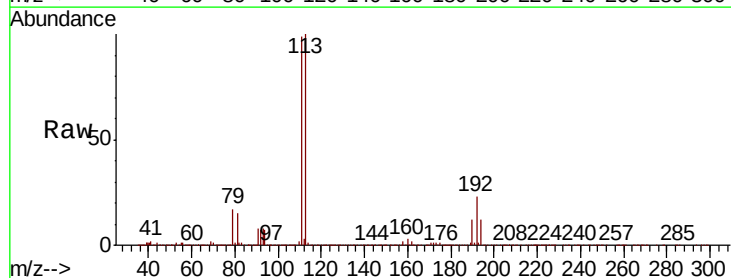
Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Tgt Ion:113 Resp: 324711

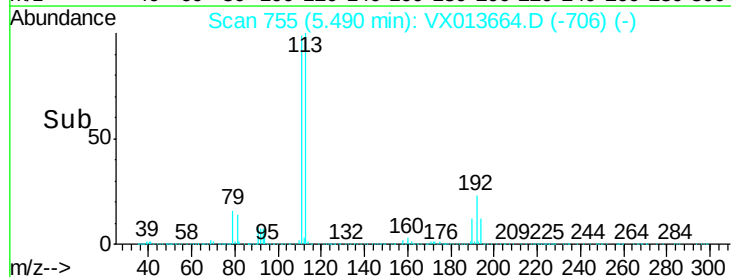
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.6	125.4
192	23.8	19.2	28.8

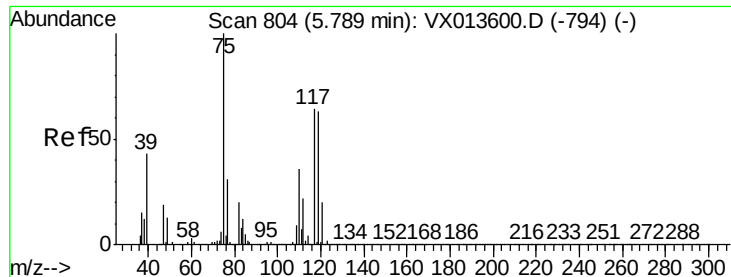


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

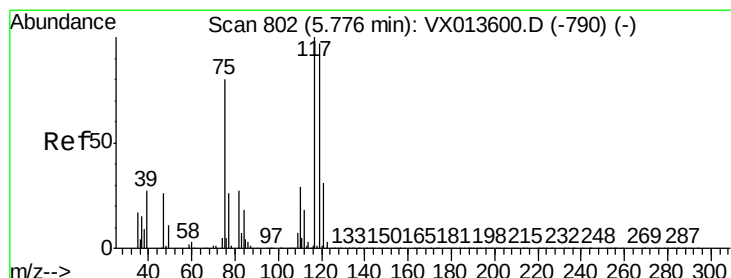
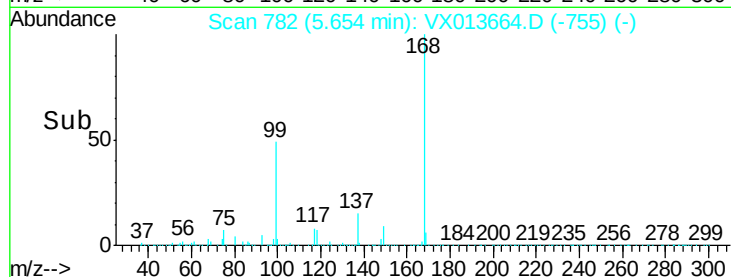
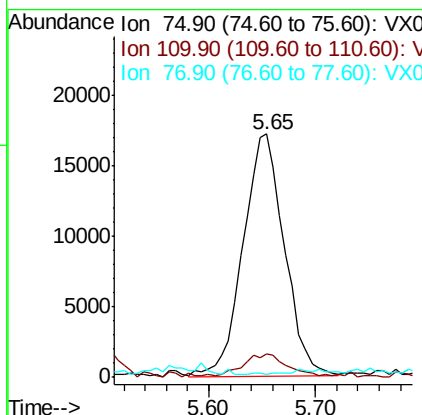
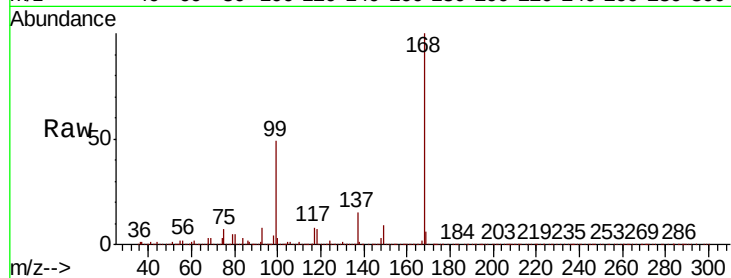




#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

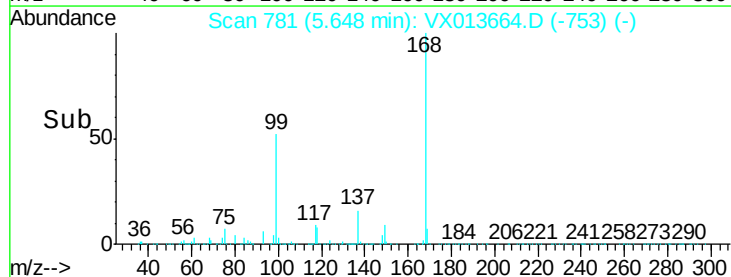
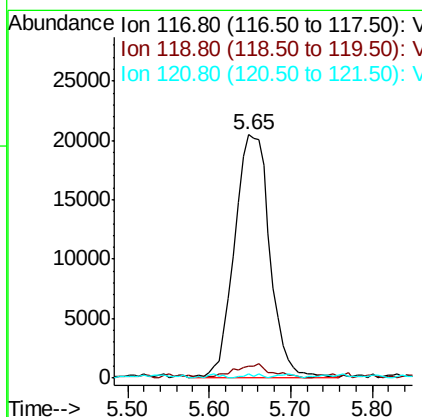
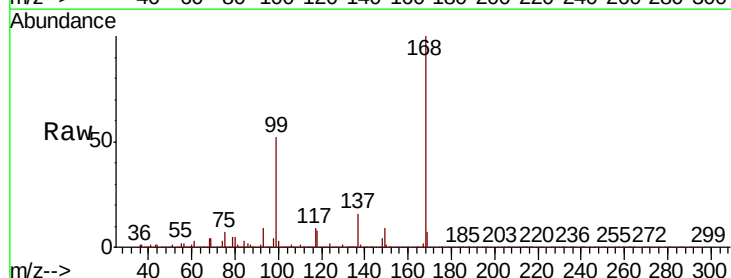
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1A

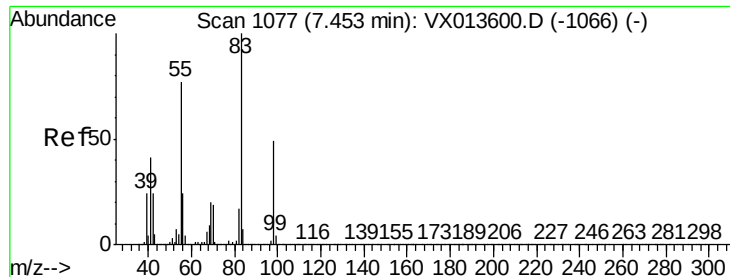
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.781 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.5	116.3#
121	1.7	25.0	37.6#

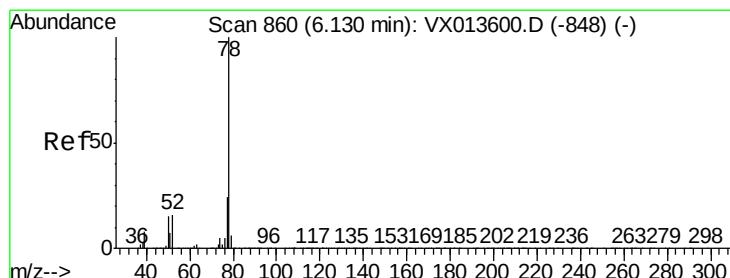
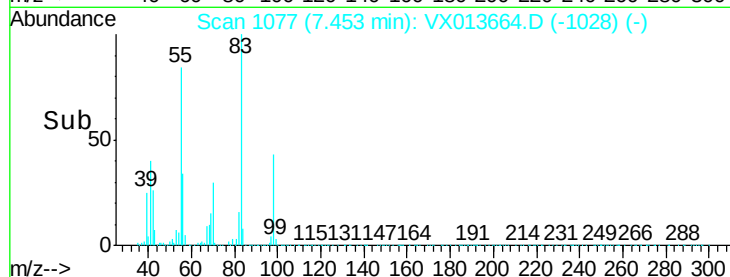
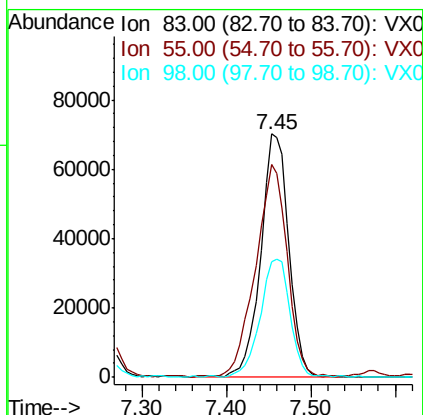
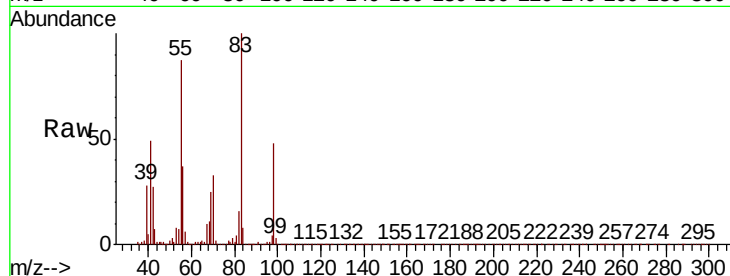




#39
Methylvlcyclohexane
Concen: 13.196 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

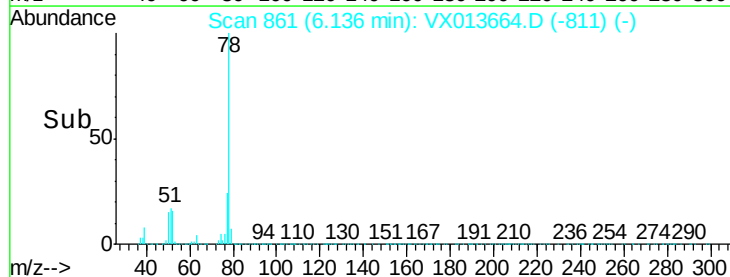
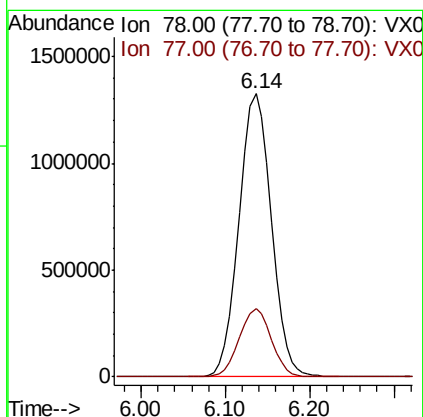
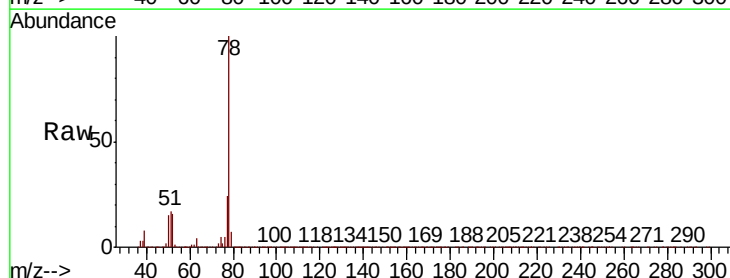
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

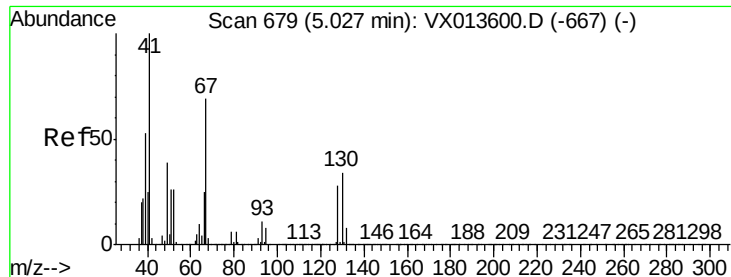
Tot Ion	83.00	Resp	161180
Ion	Ratio	Lower	Upper
83	100		
55	87.0	61.9	92.9
98	47.3	39.4	59.0



#40
Benzene
Concen: 114.754 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion	78.00	Resp	3453472
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

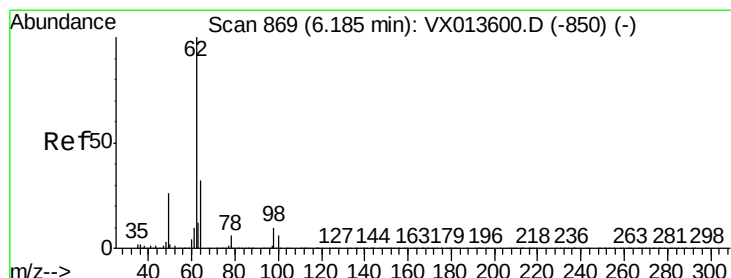
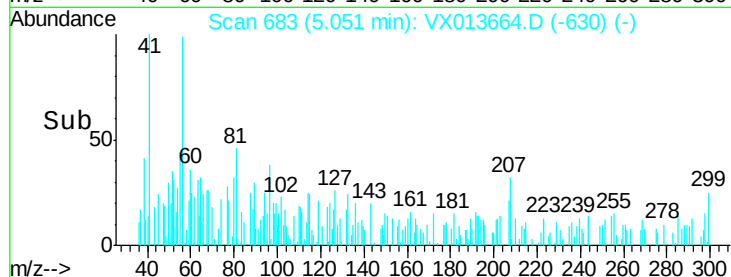
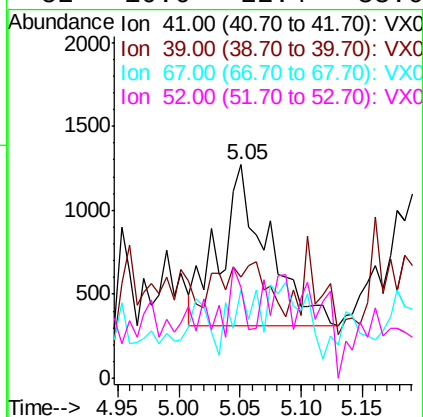
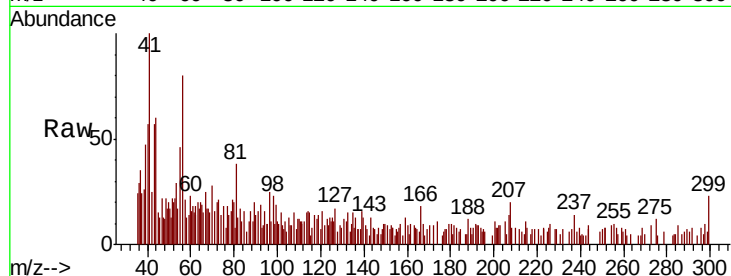




#41
Methacrylonitrile
Concen: 0.431 ug/l
RT: 5.05 min Scan# 683
Delta R.T. 0.02 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

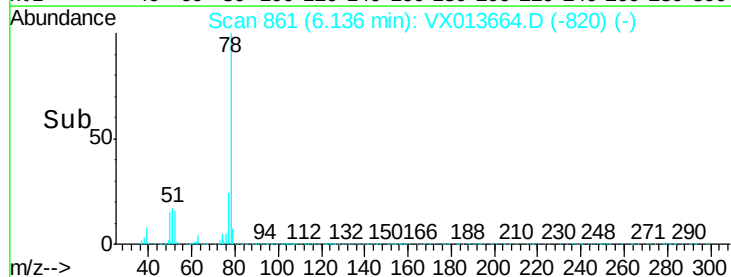
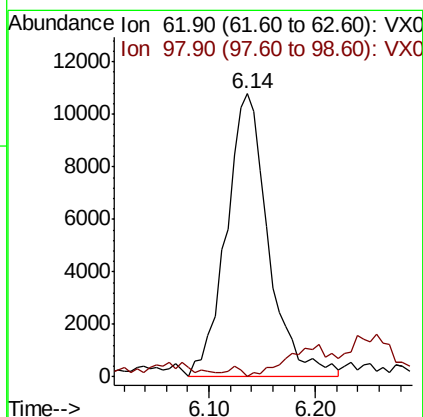
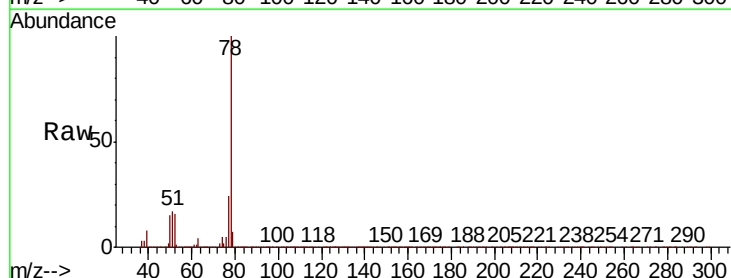
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

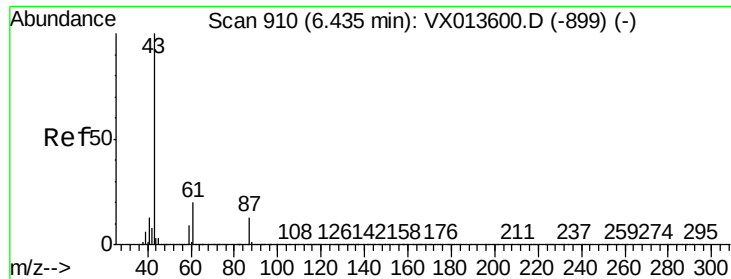
Tot Ion:	41	Resp:	2622
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.9	64.3#
67	0.0	57.4	86.0#
52	10.6	22.4	33.6#



#42
1,2-Dichloroethane
Concen: 2.912 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.05 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion:	62	Resp:	29890
Ion	Ratio	Lower	Upper
62	100		
98	1.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 21.441 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

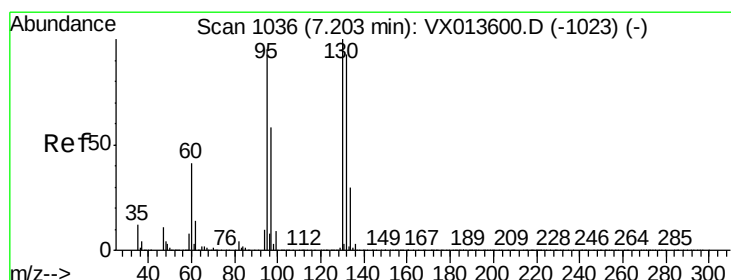
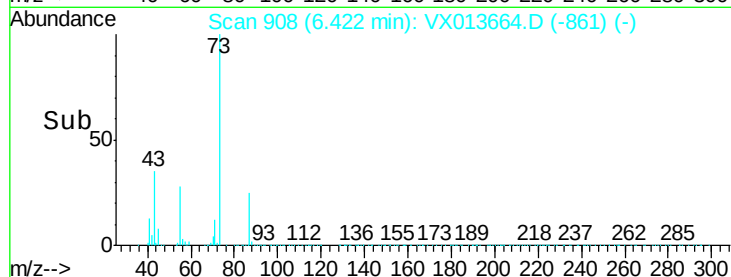
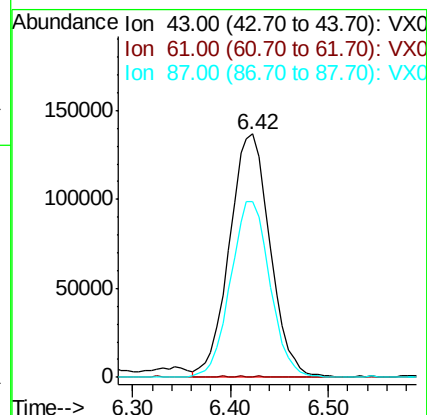
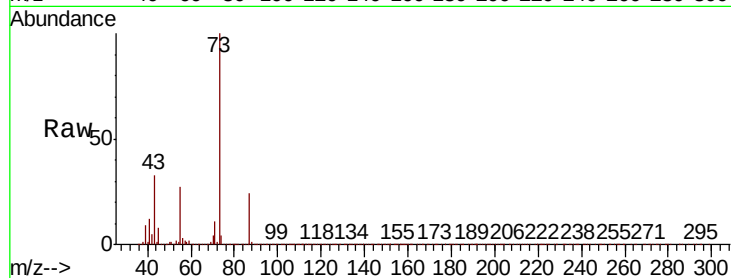
Tot Ion: 43 Resp: 391294

Ion Ratio Lower Upper

43 100

61 0.1 16.3 24.5#

87 70.1 10.8 16.2#



#44

Trichloroethene

Concen: 0.347 ug/l

RT: 7.22 min Scan# 1039

Delta R.T. 0.02 min

Lab File: VX013664.D

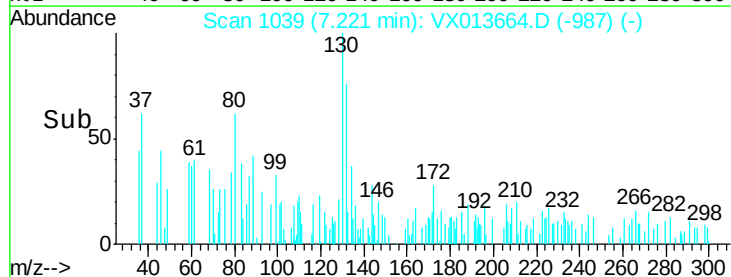
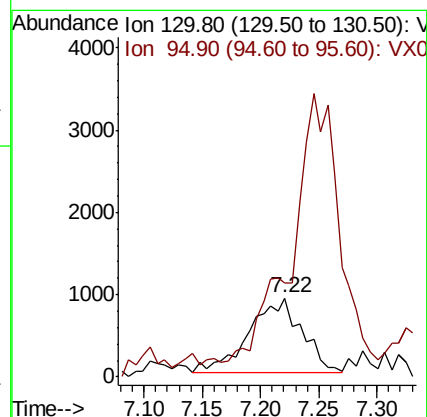
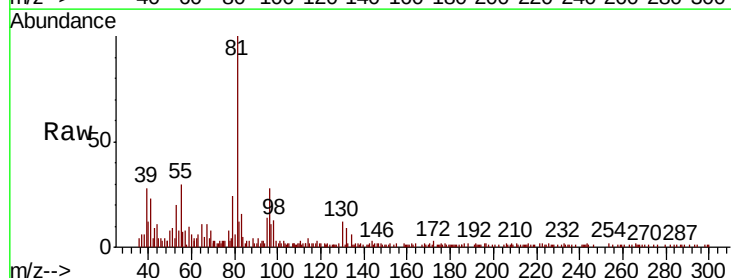
Acq: 27 Nov 2019 20:08

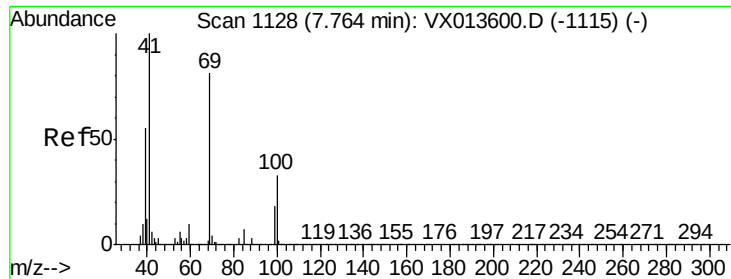
Tgt Ion: 130 Resp: 2869

Ion Ratio Lower Upper

130 100

95 94.4 0.0 190.8





#48

Methvl methacrylate

Concen: 1.690 ug/l

RT: 7.73 min Scan# 1122

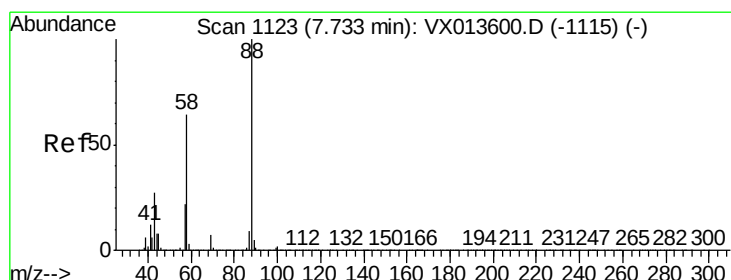
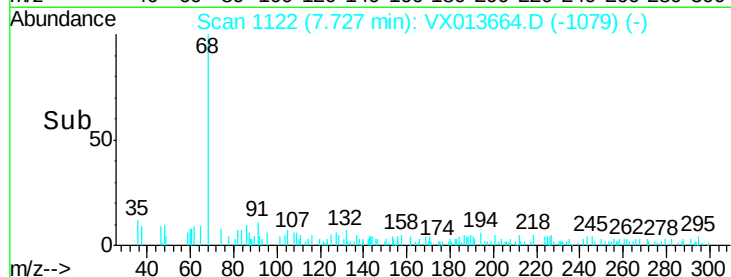
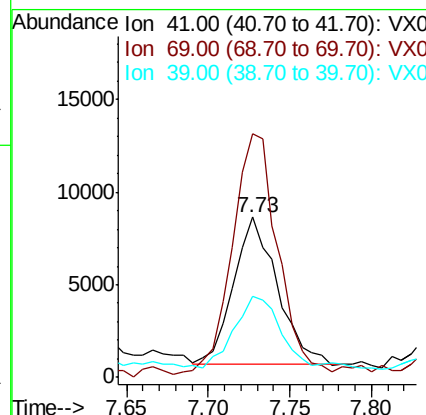
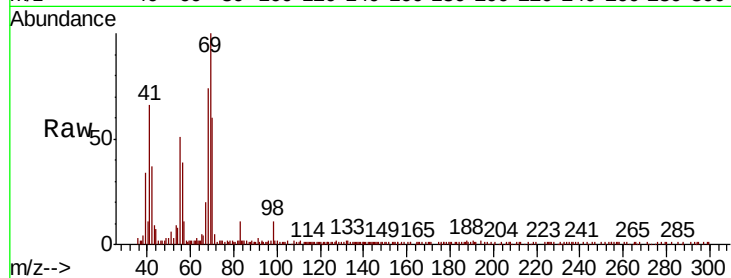
Delta R.T. -0.04 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

Tot Ion	Ratio	Lower	Upper
41	100		
69	169.3	64.7	97.1#
39	48.9	43.8	65.6



#49

1,4-Dioxane

Concen: 2.348 ug/l

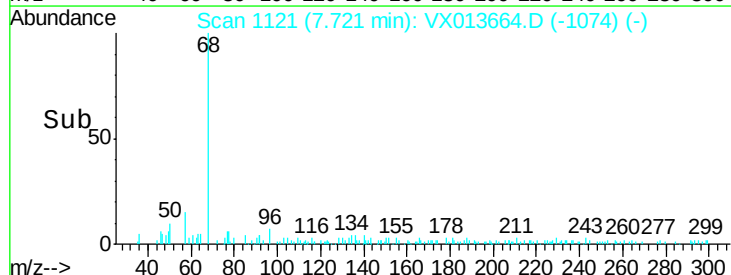
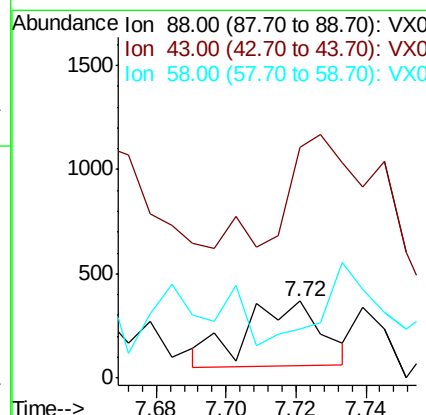
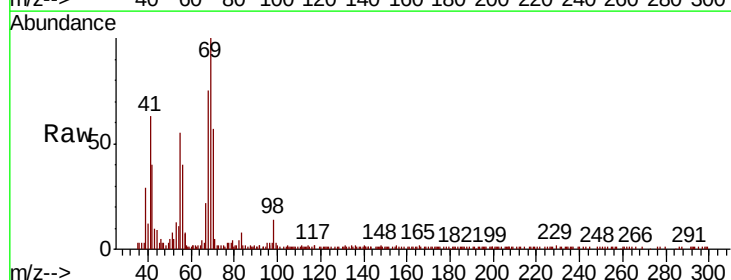
RT: 7.72 min Scan# 1121

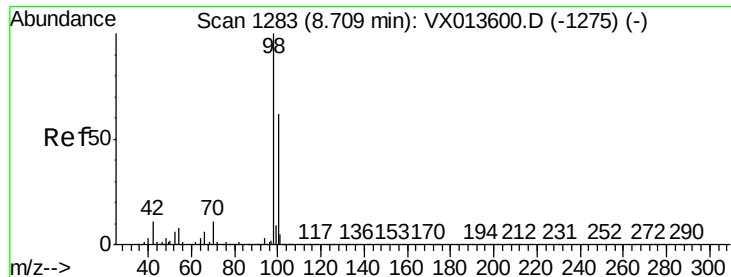
Delta R.T. -0.01 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
43	296.1	25.8	38.6#
58	61.6	54.6	82.0

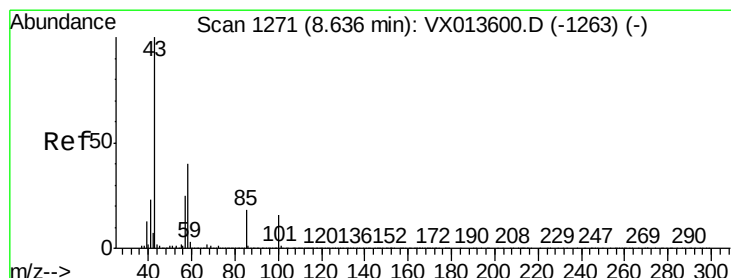
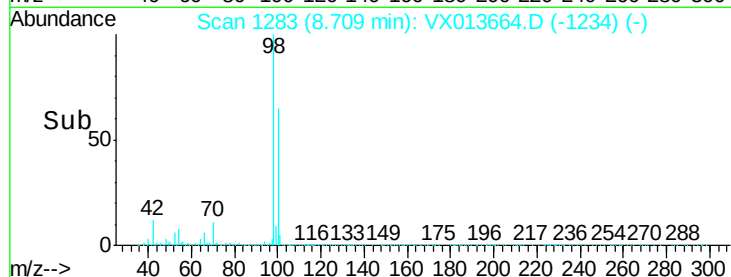
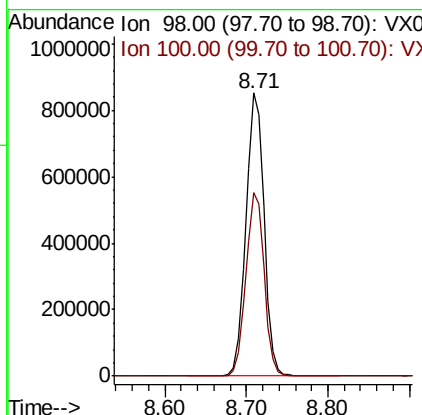
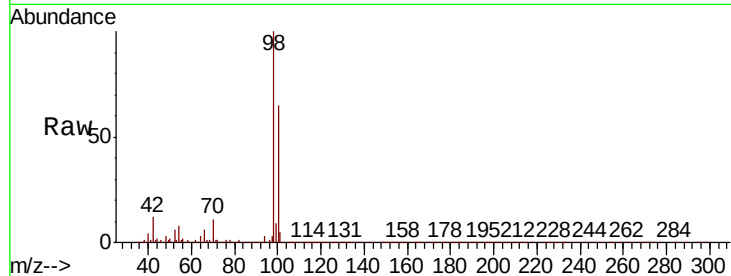




#50
Toluene-d8
Concen: 50.015 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

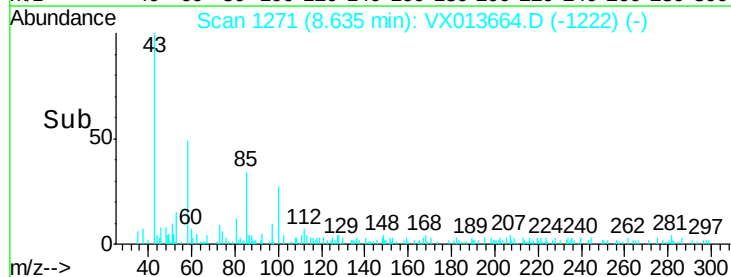
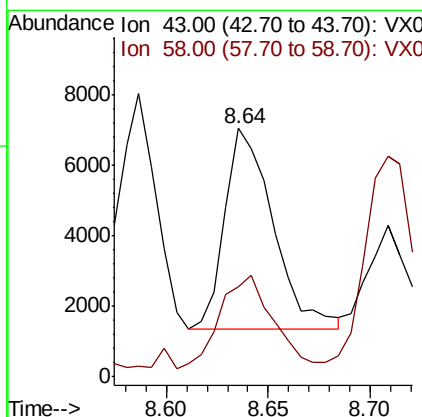
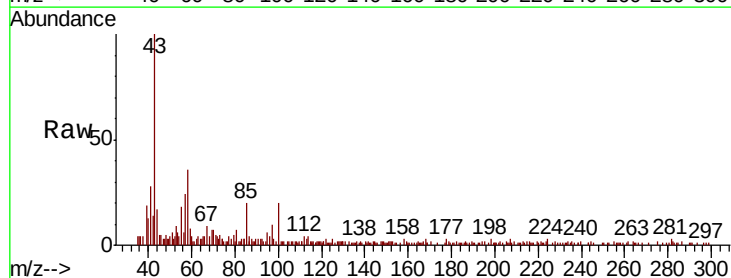
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

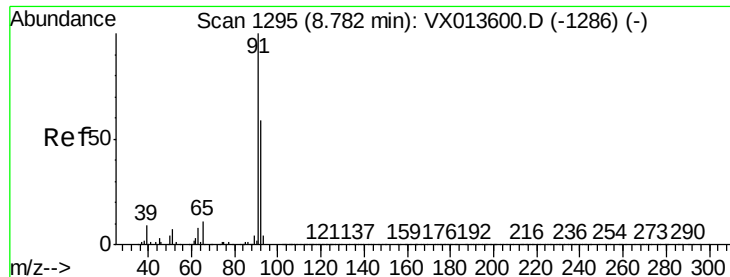
Tot Ion: 98 Resp: 1311331
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.824 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion: 43 Resp: 9454
Ion Ratio Lower Upper
43 100
58 50.8 32.1 48.1#





#52

Toluene

Concen: 4.304 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

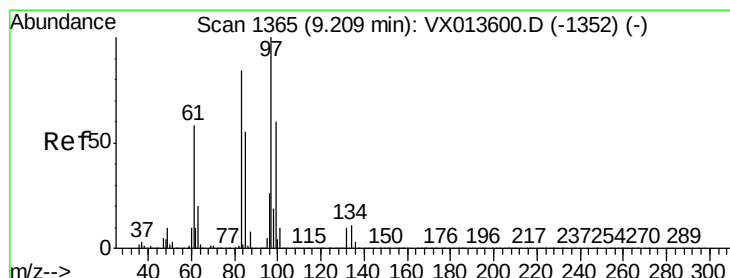
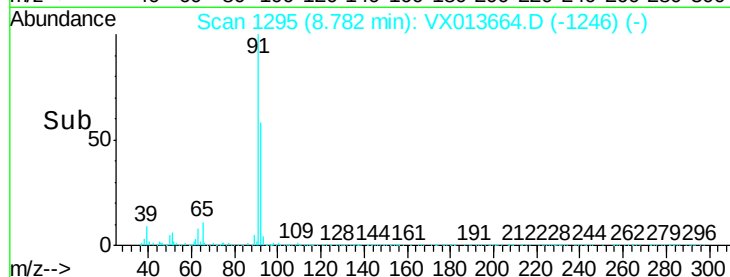
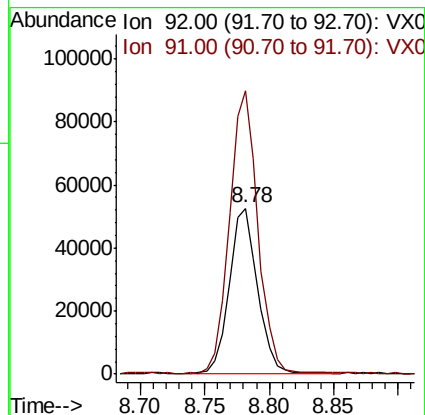
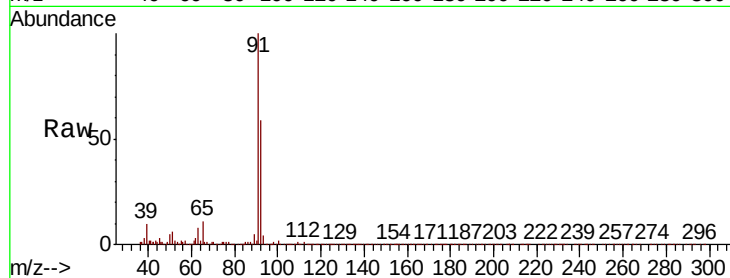
MW-1A

Tot Ion: 92 Resp: 80468

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 2.741 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Tgt Ion: 97 Resp: 20650

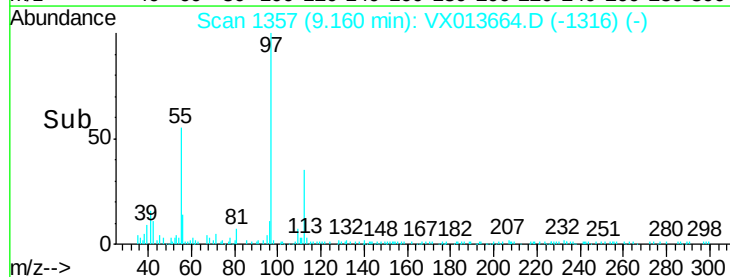
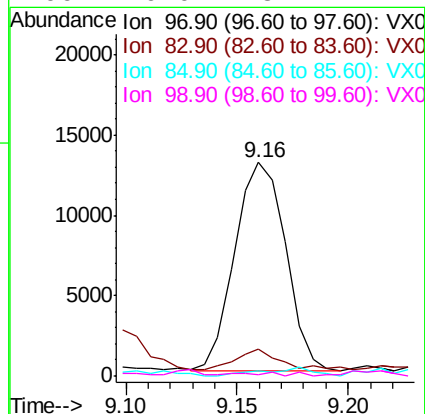
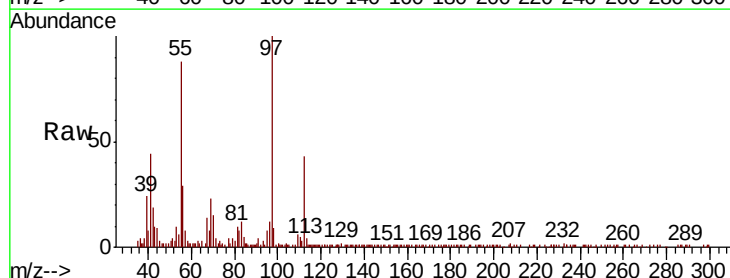
Ion Ratio Lower Upper

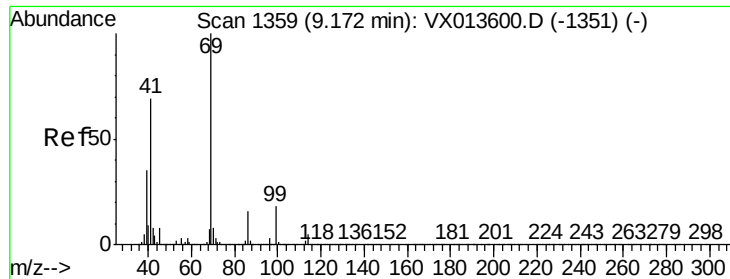
97 100

83 9.7 67.3 100.9#

85 1.5 43.6 65.4#

99 0.0 48.2 72.4#

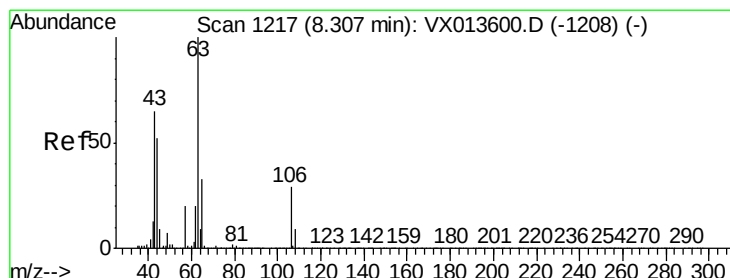
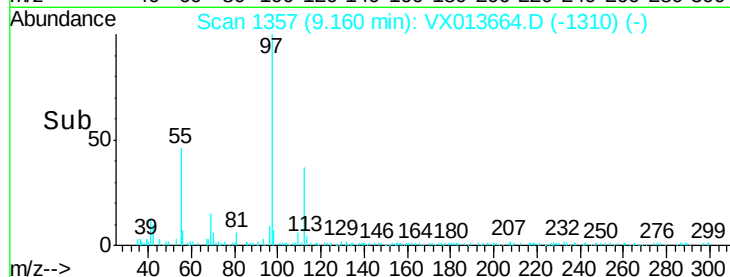
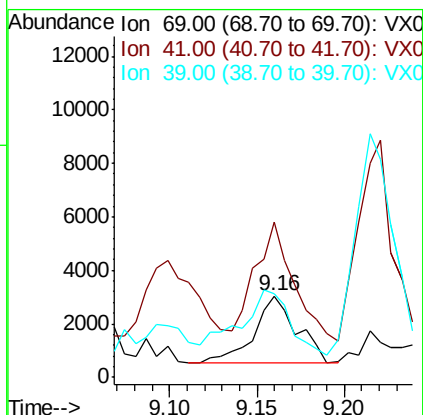
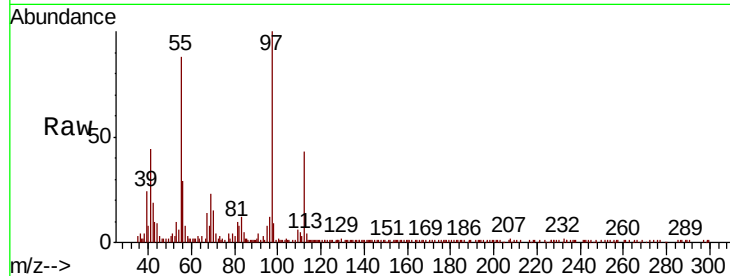




#56
Ethyl methacrylate
Concen: 0.358 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

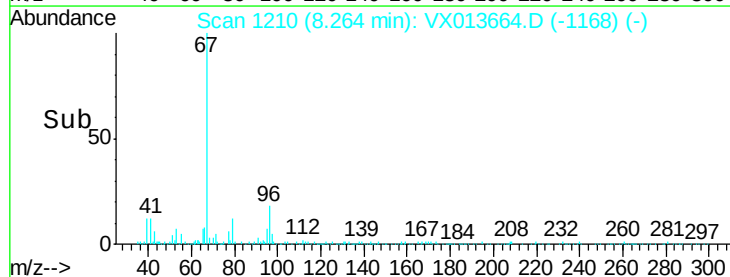
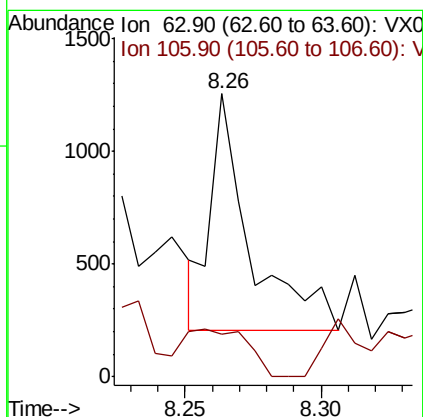
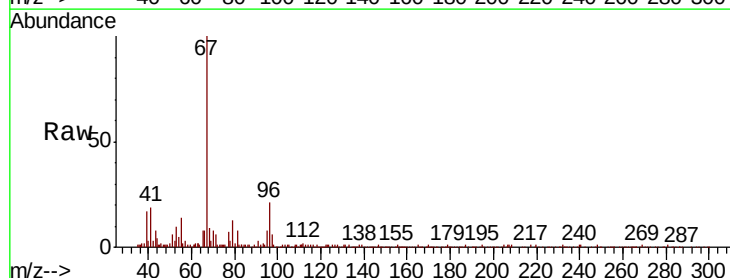
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

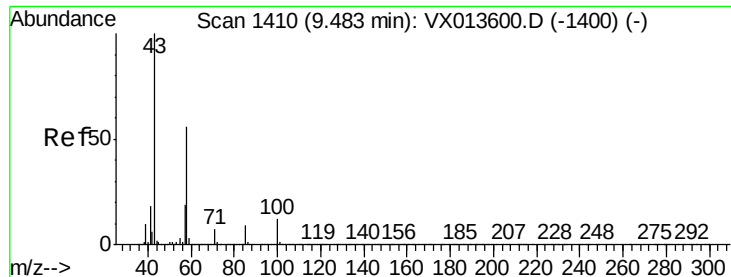
Tot Ion: 69 Resp: 4331
Ion Ratio Lower Upper
69 100
41 158.8 55.0 82.4#
39 112.4 28.7 43.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.222 ug/l
RT: 8.26 min Scan# 1210
Delta R.T. -0.04 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion: 63 Resp: 1056
Ion Ratio Lower Upper
63 100
106 32.0 23.4 35.0

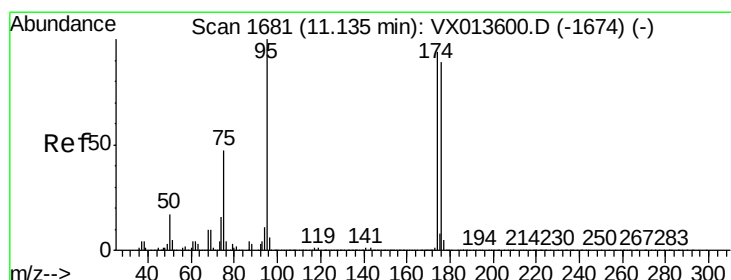
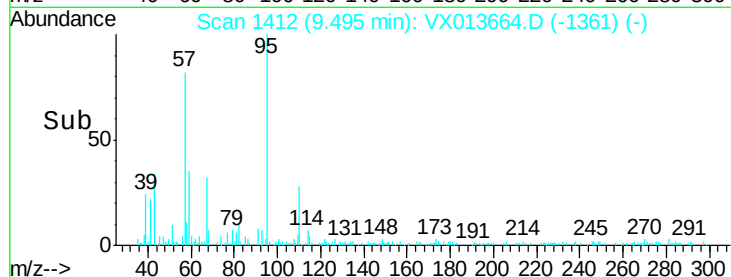
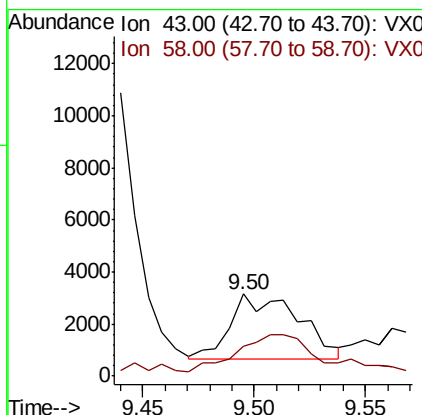
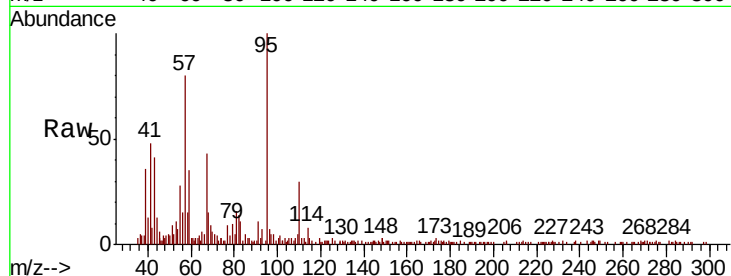




#59
2-Hexanone
Concen: 0.599 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

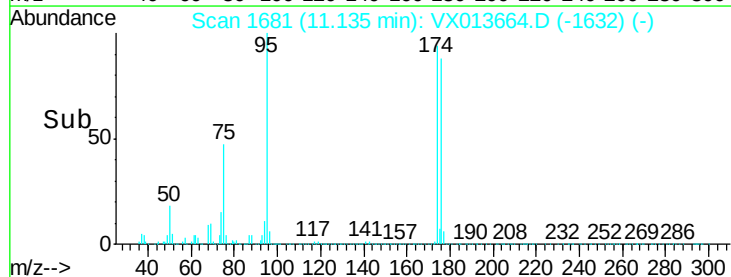
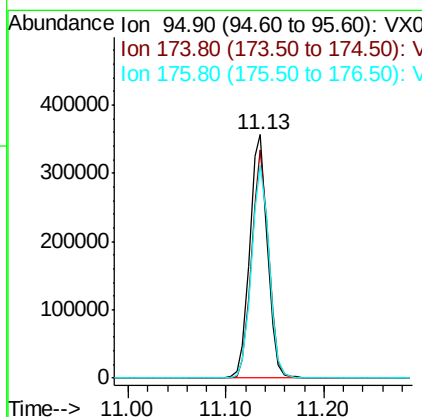
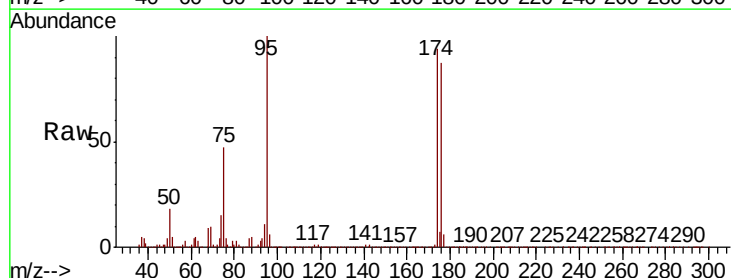
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

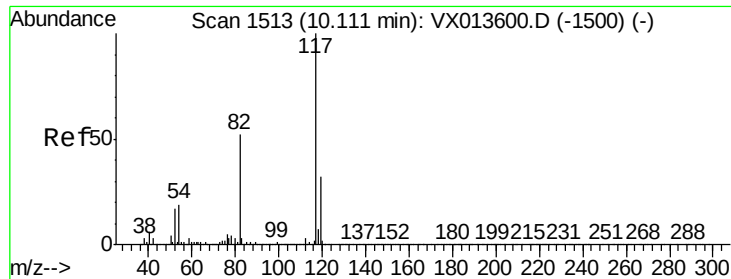
Tot Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 47.459 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion: 95 Resp: 448702
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.0
176 86.6 0.0 173.6

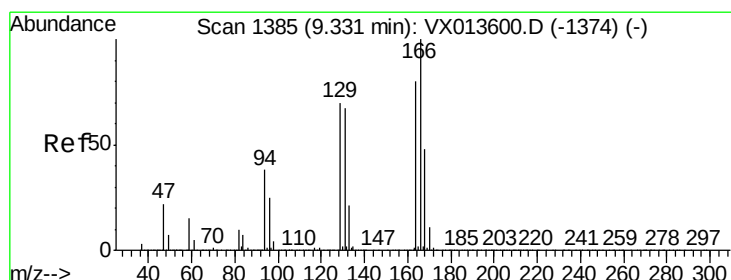
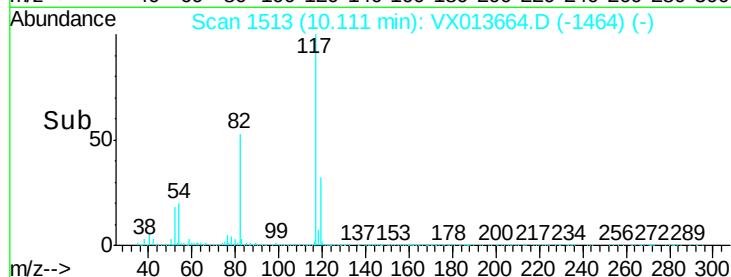
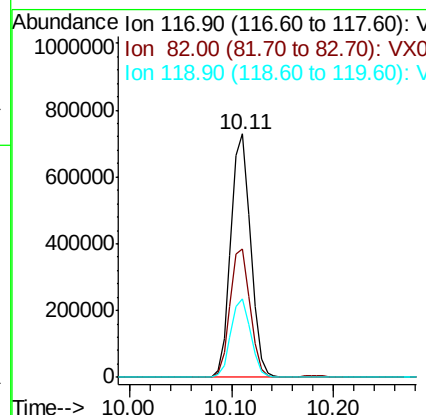
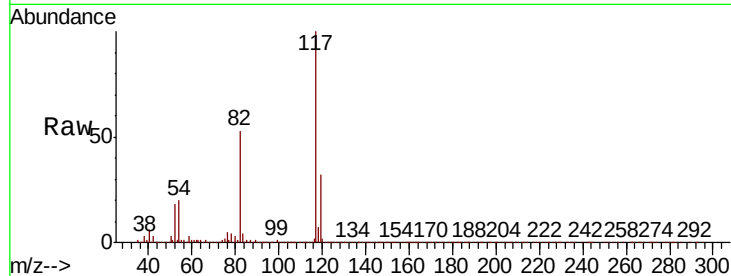




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

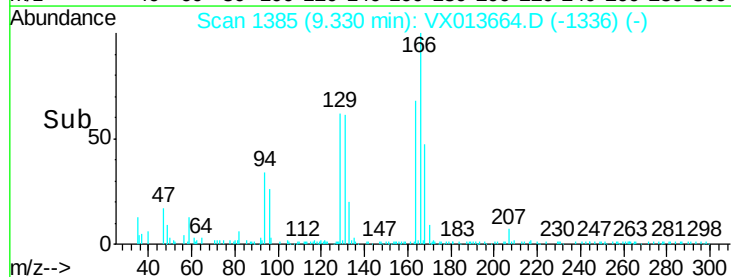
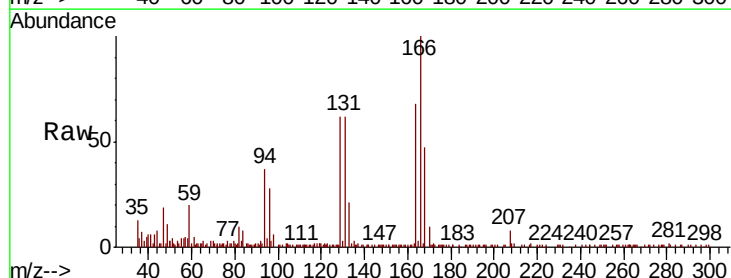
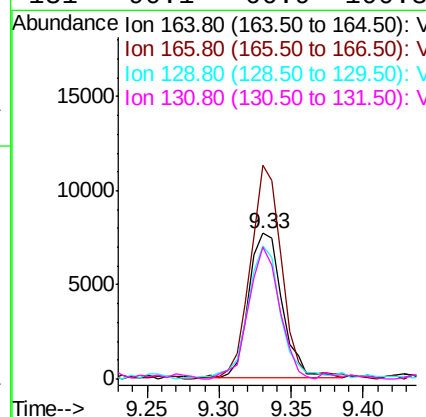
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

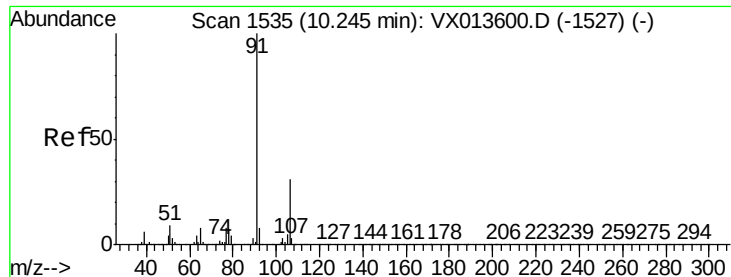
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 1.684 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	147.1	99.7	149.5
129	91.2	70.1	105.1
131	90.1	66.9	100.3





#67

Ethyl Benzene

Concen: 32.473 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

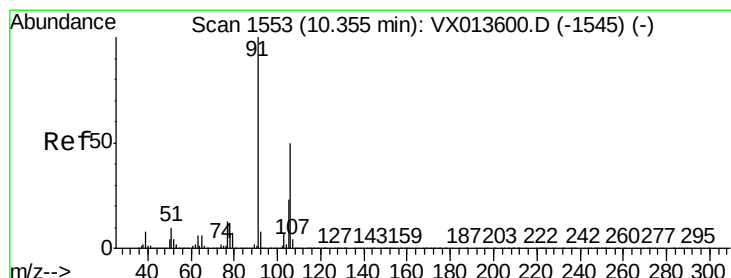
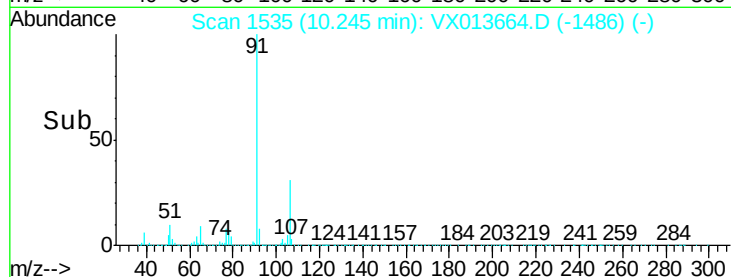
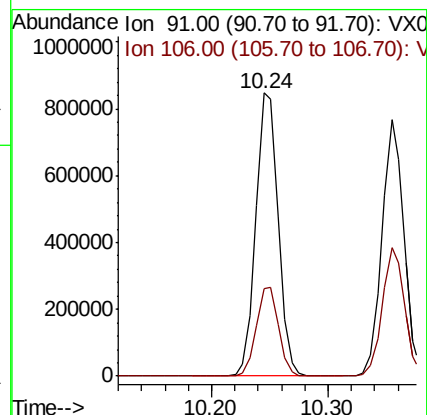
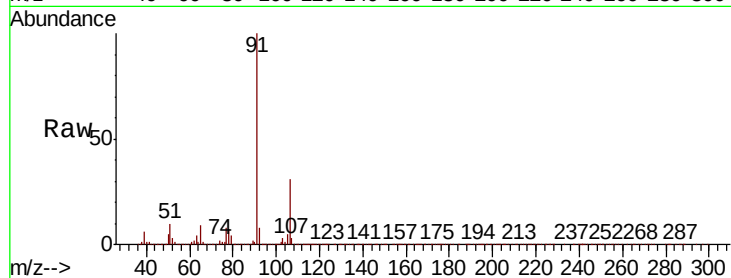
MW-1A

Tot Ion: 91 Resp: 1138575

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 37.988 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013664.D

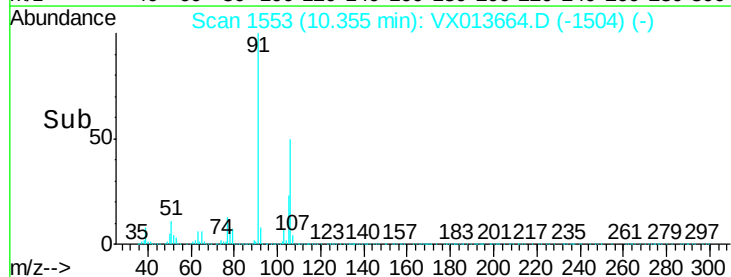
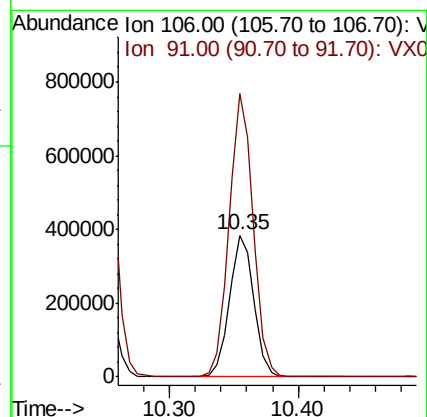
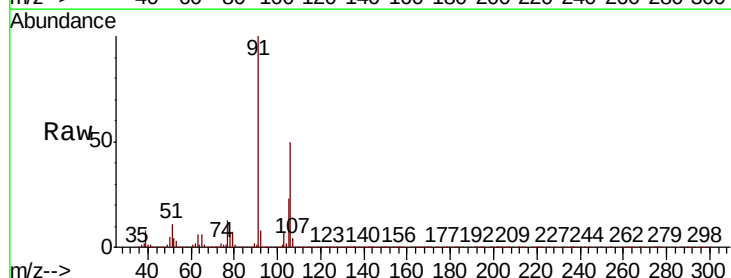
Acq: 27 Nov 2019 20:08

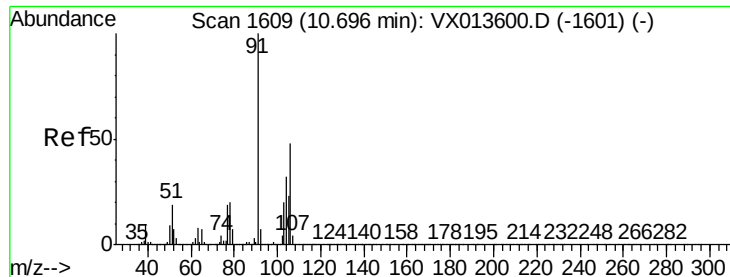
Tgt Ion: 106 Resp: 509942

Ion Ratio Lower Upper

106 100

91 198.1 159.0 238.4

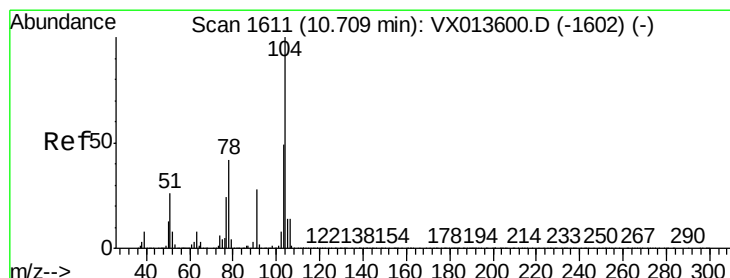
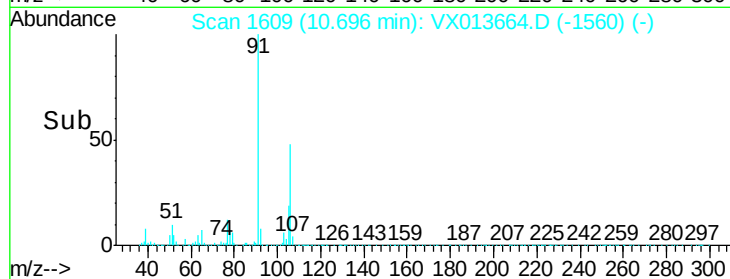
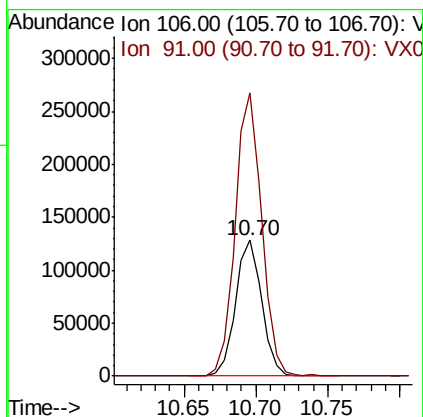
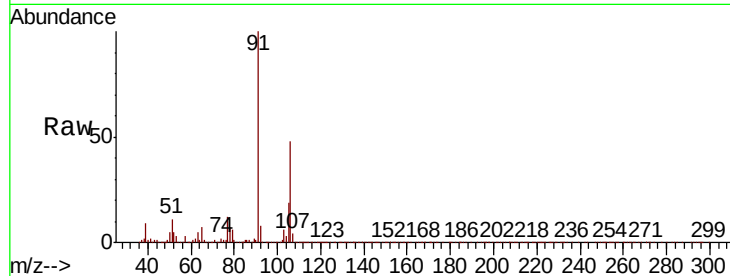




#69
o-Xylene
Concen: 12.398 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

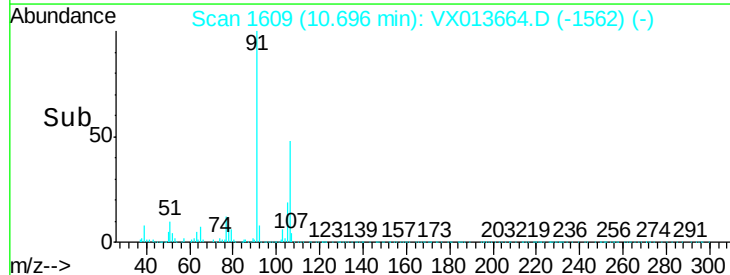
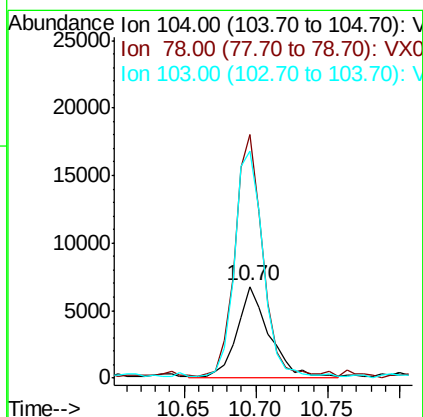
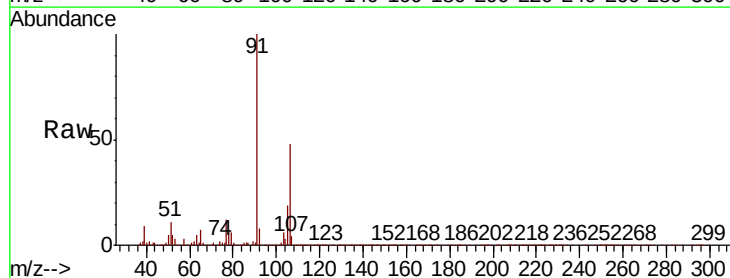
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

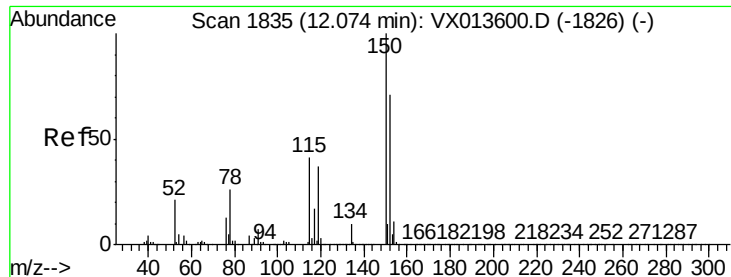
Tot Ion:106 Resp: 162321
Ion Ratio Lower Upper
106 100
91 210.5 104.1 312.2



#70
Styrene
Concen: 0.472 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion:104 Resp: 10401
Ion Ratio Lower Upper
104 100
78 229.0 38.5 57.7#
103 223.5 43.7 65.5#



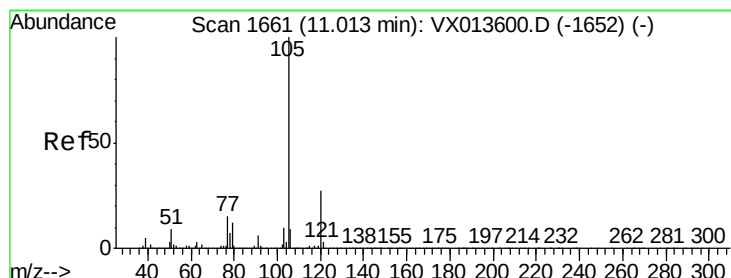
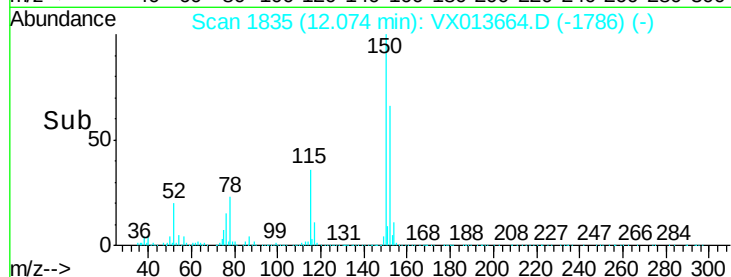
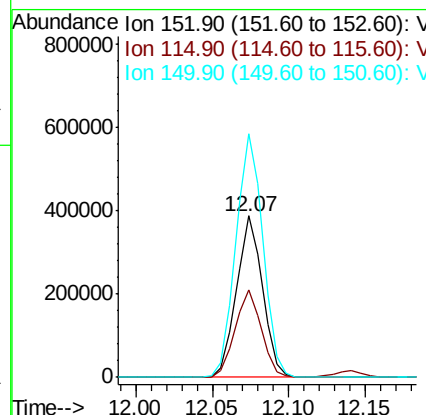
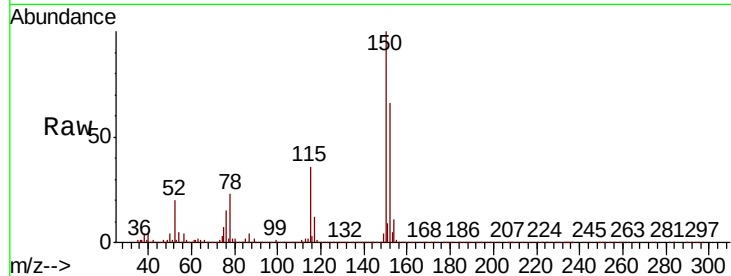


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
MW-1A

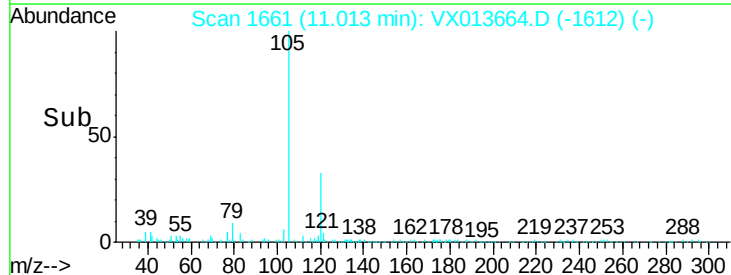
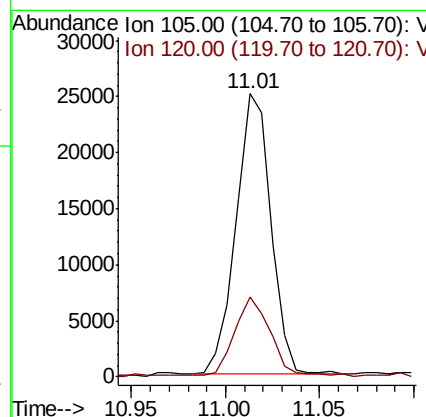
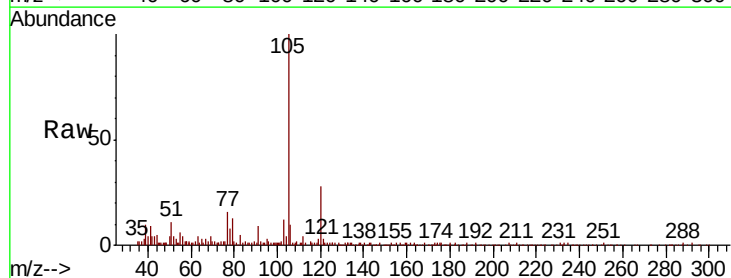
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	156.1	0.0	346.8

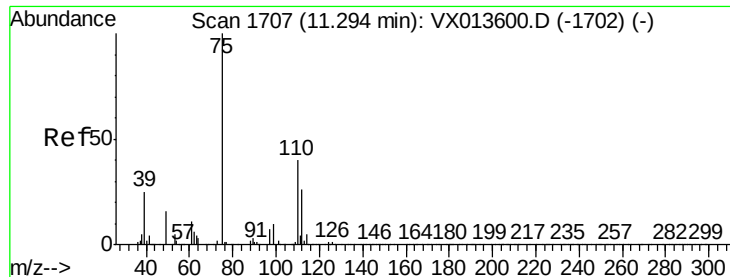


#73

Isopropylbenzene
Concen: 1.004 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.4	13.5	40.5





#76

1,2,3-Trichloropropane

Concen: 21.279 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

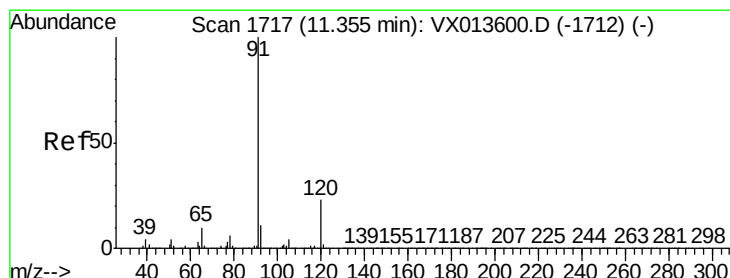
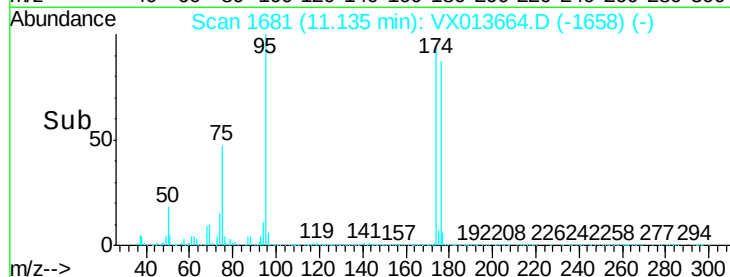
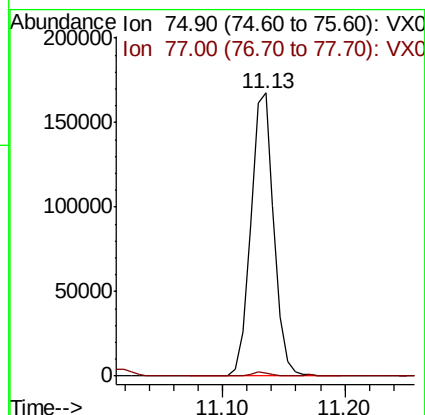
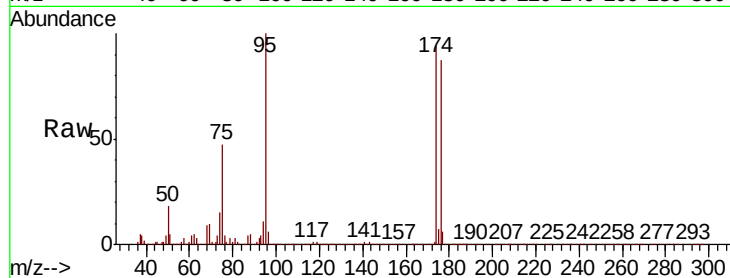
MW-1A

Tot Ion: 75 Resp: 219025

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#78

n-propylbenzene

Concen: 1.172 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013664.D

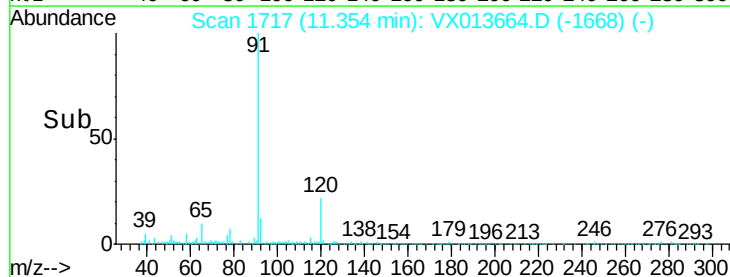
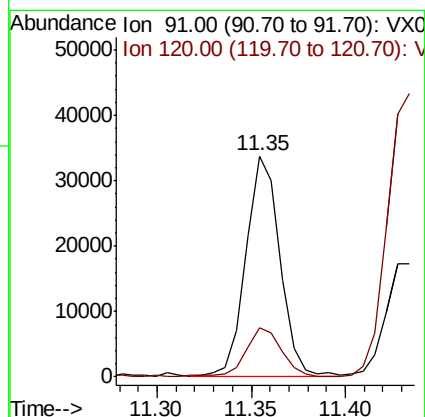
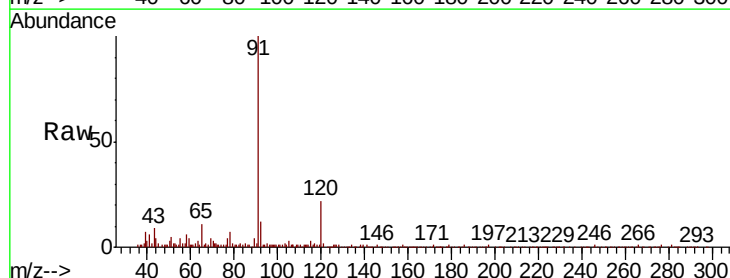
Acq: 27 Nov 2019 20:08

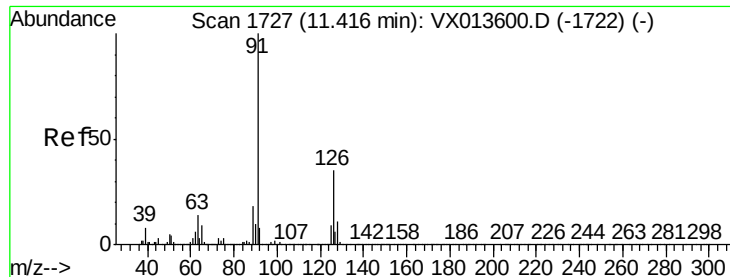
Tgt Ion: 91 Resp: 42003

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3





#79

2-Chlorotoluene

Concen: 1.046 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

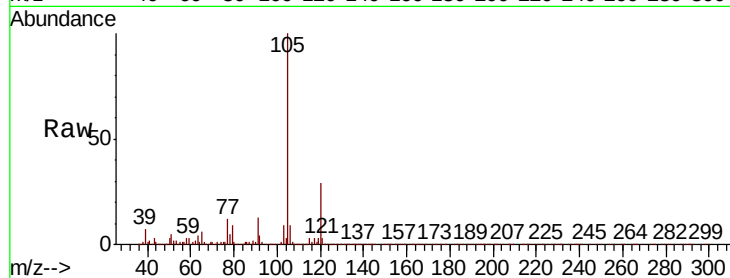
MW-1A

Tot Ion: 91 Resp: 22495

Ion Ratio Lower Upper

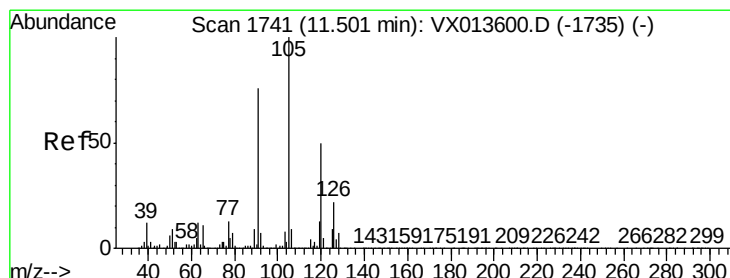
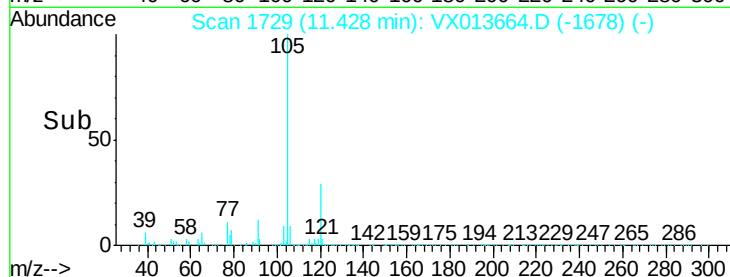
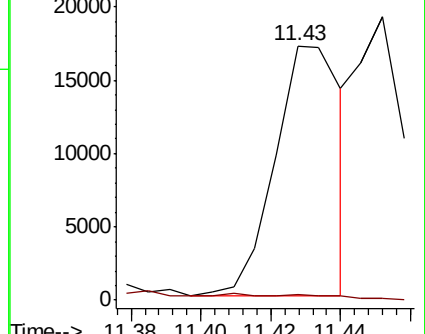
91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 12.249 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013664.D

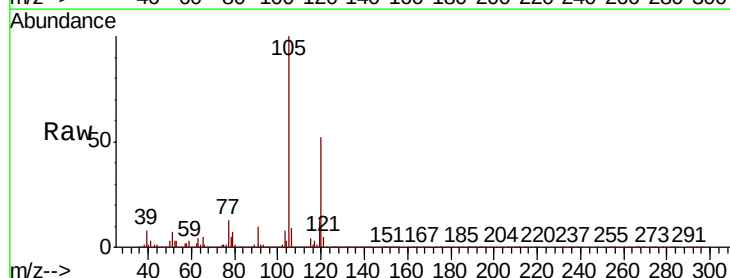
Acq: 27 Nov 2019 20:08

Tgt Ion: 105 Resp: 322268

Ion Ratio Lower Upper

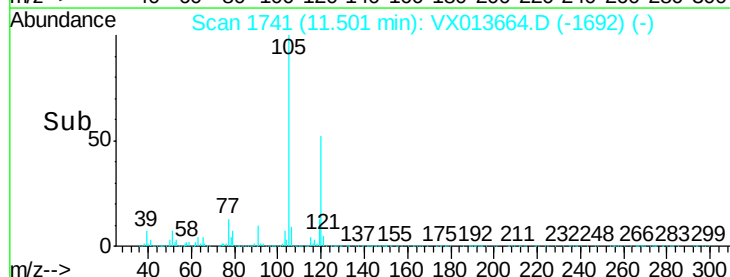
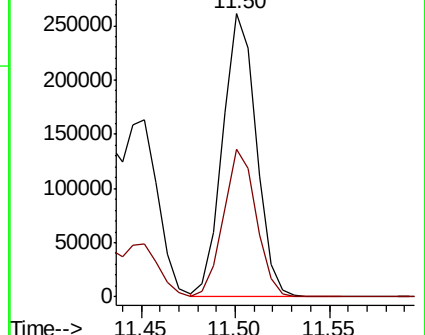
105 100

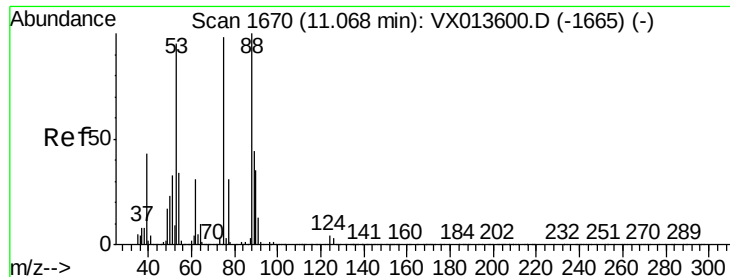
120 50.7 25.3 75.9



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: 58.214 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

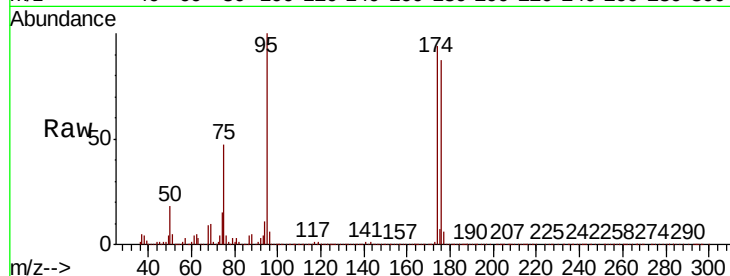
Tot Ion: 75 Resp: 219025

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.2#

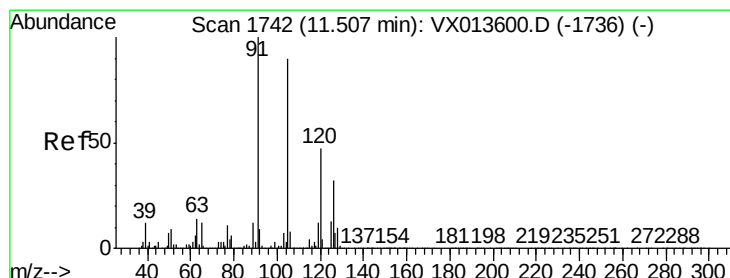
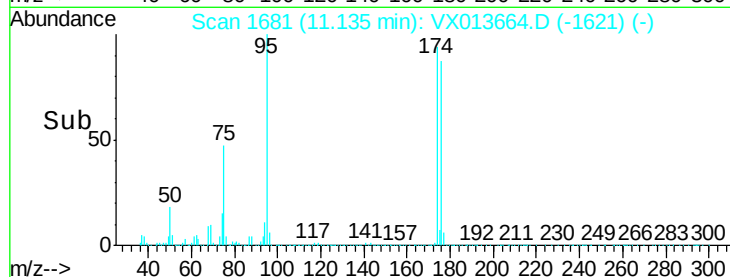
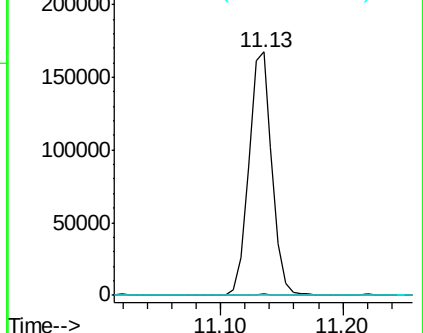
89 0.2 35.4 53.2#



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: 1.312 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013664.D

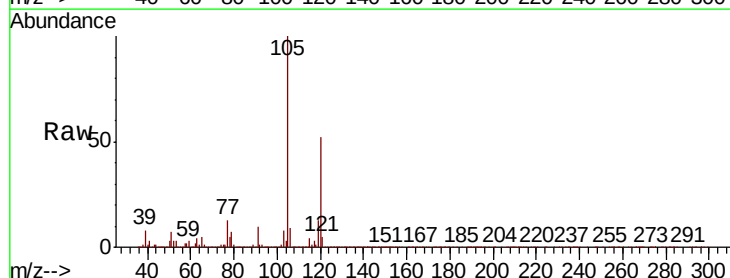
Acq: 27 Nov 2019 20:08

Tgt Ion: 91 Resp: 32678

Ion Ratio Lower Upper

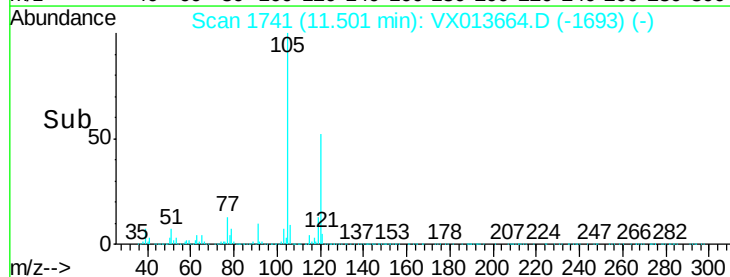
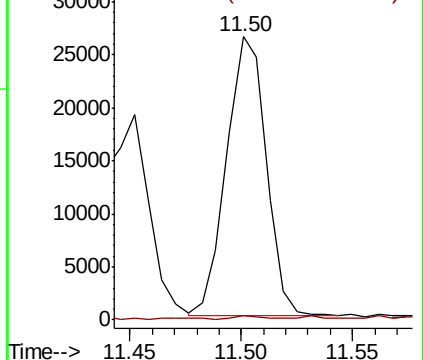
91 100

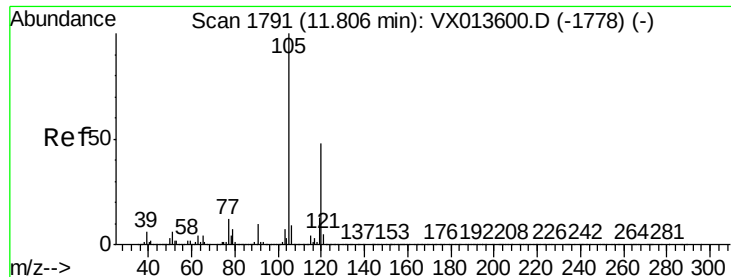
126 1.0 15.7 47.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

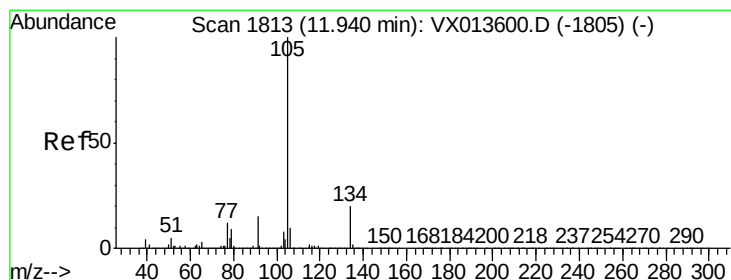
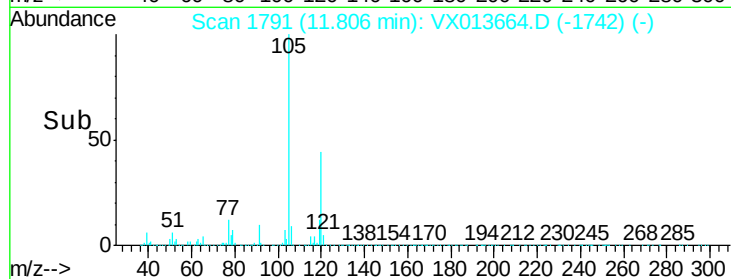
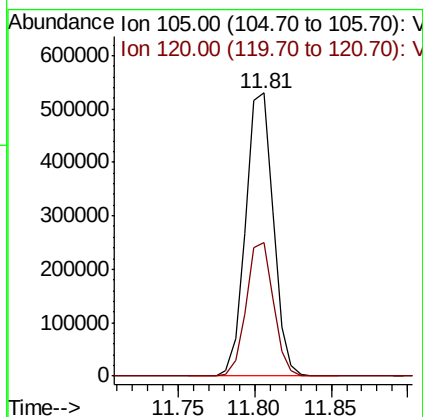
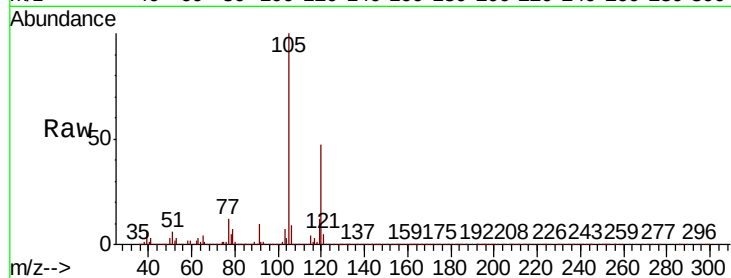




#84
 1,2,4-Trimethylbenzene
 Concen: 24.932 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

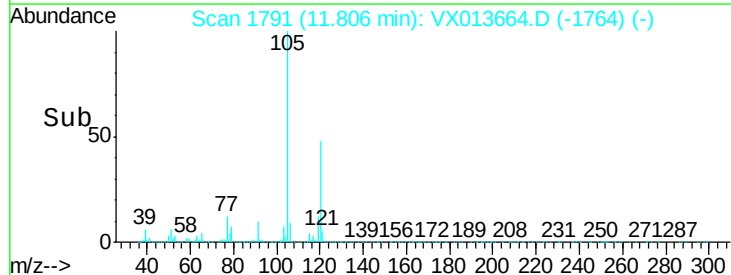
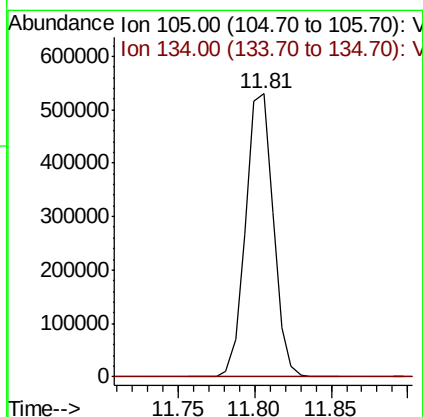
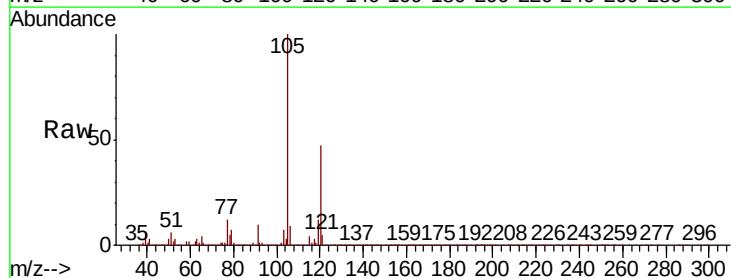
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1A

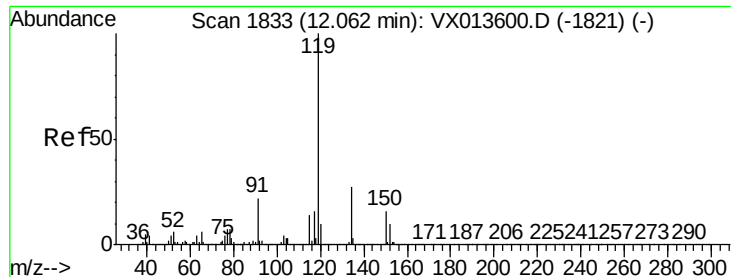
Tot Ion:105 Resp: 665738
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 21.797 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX013664.D
 Acq: 27 Nov 2019 20:08

Tgt Ion:105 Resp: 665738
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

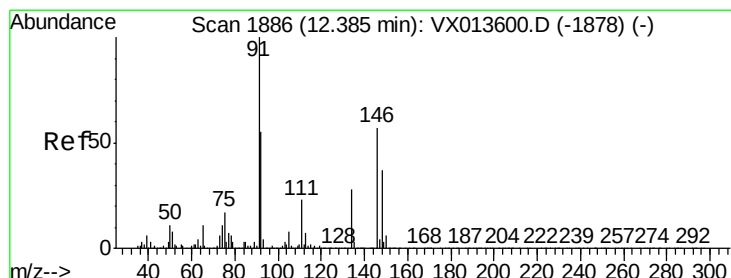
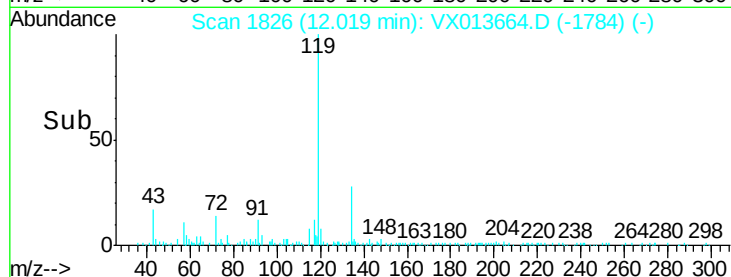
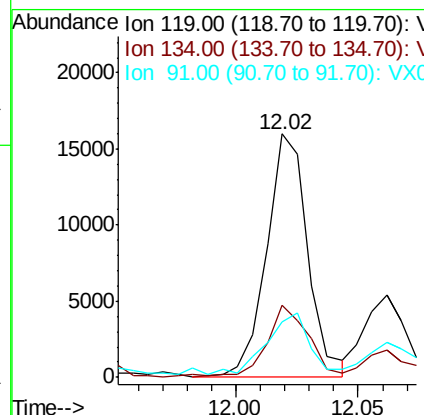
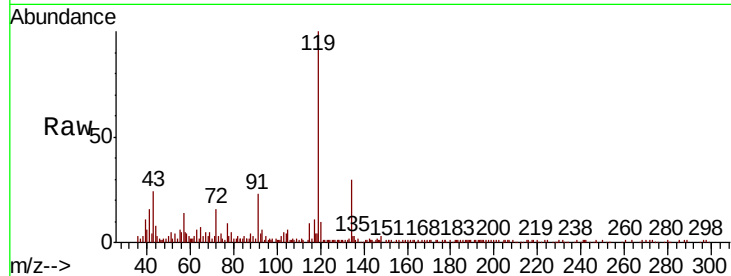




#86
p-Isopropyltoluene
Concen: 0.665 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

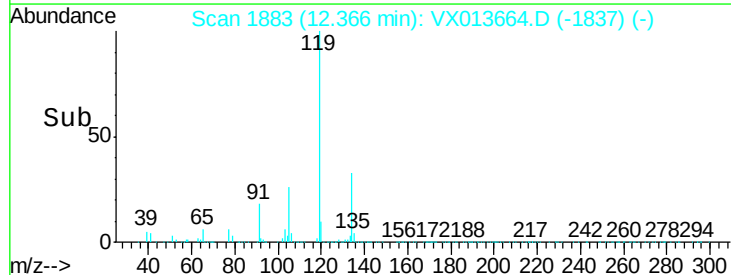
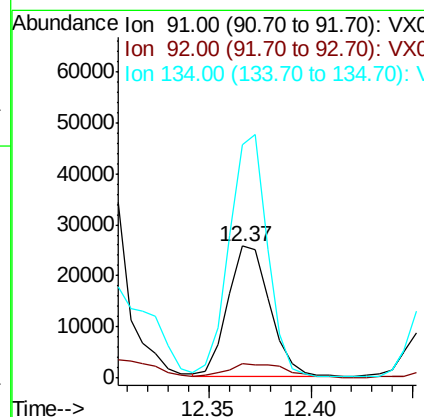
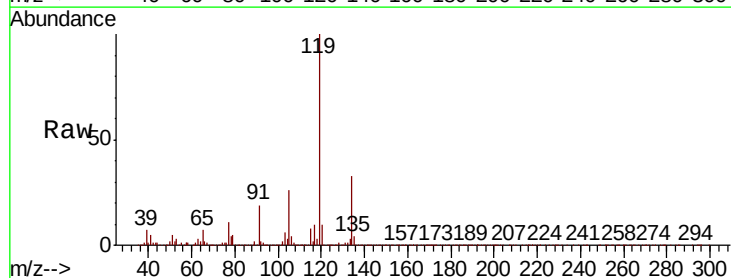
Instrument :
MSVOA_X
ClientSampleId :
MW-1A

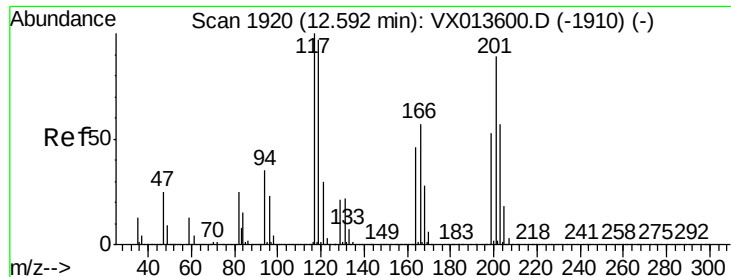
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.5	13.3	39.9
91	25.9	11.3	33.8



#89
n-Butylbenzene
Concen: 1.510 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX013664.D
Acq: 27 Nov 2019 20:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	16.3	27.4	82.2#
134	167.8	13.5	40.4#





#90

Hexachloroethane

Concen: 4.729 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

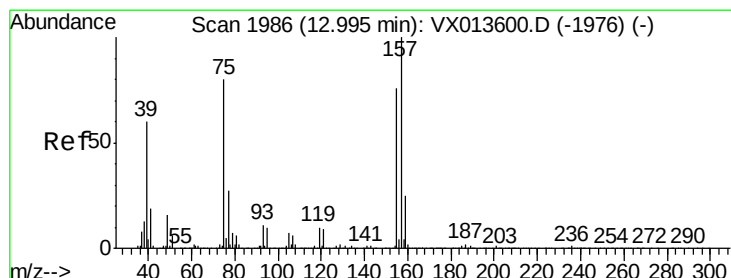
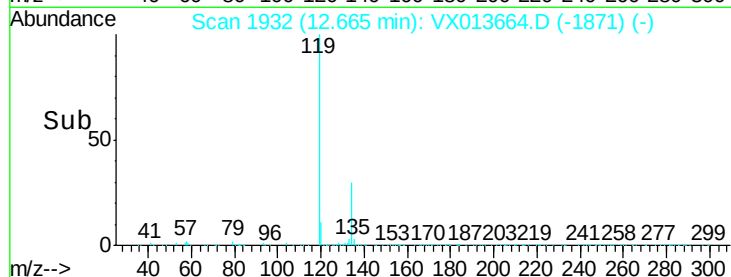
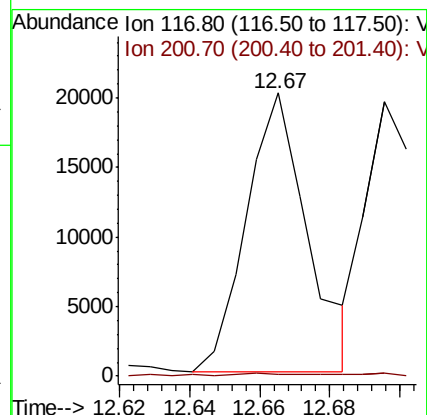
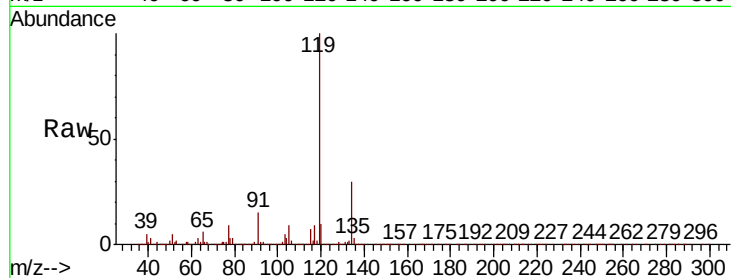
MW-1A

Tot Ion:117 Resp: 24289

Ion Ratio Lower Upper

117 100

201 1.1 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.728 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

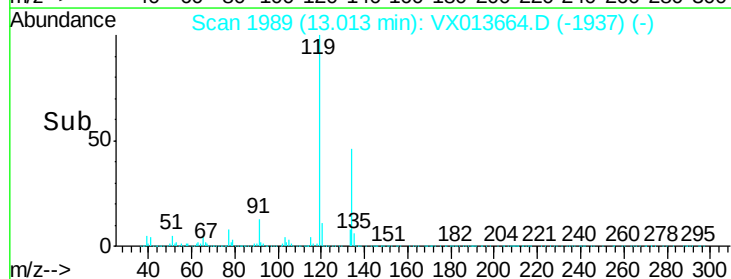
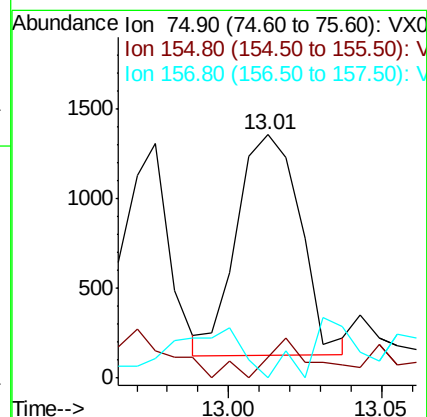
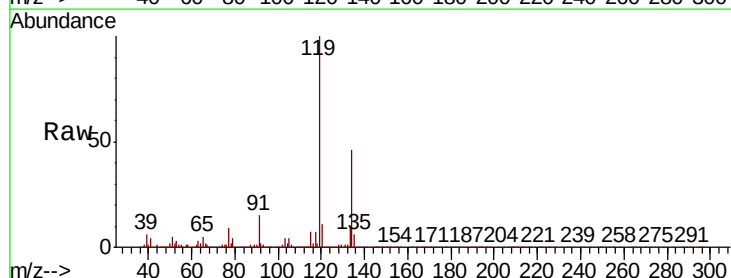
Tgt Ion: 75 Resp: 1766

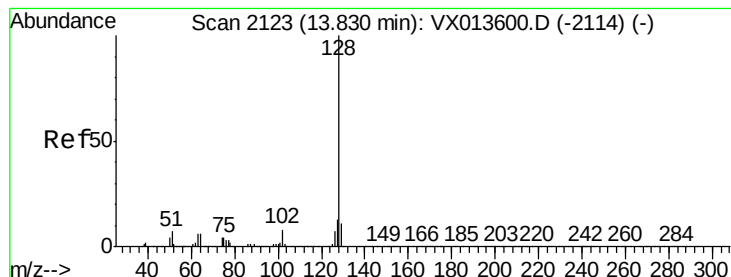
Ion Ratio Lower Upper

75 100

155 12.1 47.6 142.8#

157 21.1 62.1 186.2#





#95

Naphthalene

Concen: 3.379 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013664.D

Acq: 27 Nov 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

MW-1A

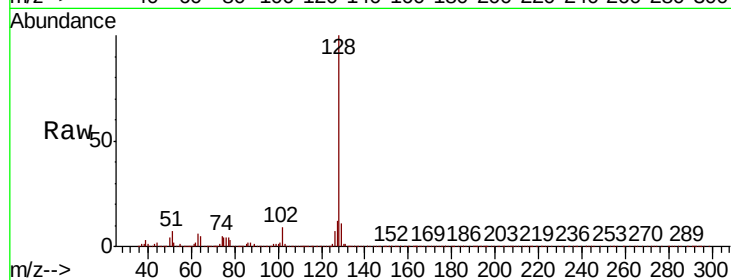
Tot Ion:128 Resp: 104741

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 12.9 8.7 13.1



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

