

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013663.D
 Acq On : 27 Nov 2019 19:44
 Operator : JC/SP
 Sample : K6027-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Nov 28 03:33:53 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	667298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1051062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	947950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	450190	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	375381	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.49	113	313447	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	1255363	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	450004	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1490	0.237	ug/l #	80
11) Tert butyl alcohol	3.03	59	6193	3.239	ug/l #	74
13) Acrolein	2.25	56	1735	7.328	ug/l #	1
14) Allyl chloride	2.76	41	3210	0.279	ug/l #	33
15) Acrylonitrile	3.17	53	12472	3.160	ug/l #	47
16) Acetone	2.43	43	21518	5.627	ug/l	93
17) Carbon Disulfide	2.56	76	3646	0.201	ug/l #	88
18) Methyl Acetate	2.84	43	122506	11.504	ug/l #	52
19) Methyl tert-butyl Ether	3.19	73	15042	0.715	ug/l #	1
23) Vinyl Acetate	3.81	43	4619	0.250	ug/l #	76
25) 2-Butanone	4.67	43	11266	1.982	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	2082	0.262	ug/l	33
30) Chloroform	5.26	83	32569	2.647	ug/l #	38
31) Cyclohexane	5.58	56	148914	13.015	ug/l #	85
36) 1,1-Dichloropropene	5.65	75	42740	4.480	ug/l #	53
38) Carbon Tetrachloride	5.65	117	57827	6.573	ug/l #	16
39) Methylcyclohexane	7.45	83	189524	16.070	ug/l #	83
40) Benzene	6.14	78	2212303	76.132	ug/l	100
41) Methacrylonitrile	5.06	41	7772	1.324	ug/l #	24
42) 1,2-Dichloroethane	6.14	62	20495	2.068	ug/l #	72
43) Isopropyl Acetate	6.42	43	61624	3.497	ug/l #	34
44) Trichloroethene	7.22	130	5208	0.653	ug/l	72
45) 1,2-Dichloropropane	7.45	63	3586	0.493	ug/l #	1
46) Dibromomethane	7.64	93	2617	0.530	ug/l #	1
47) Bromodichloromethane	7.84	83	10122	1.084	ug/l #	59
48) Methyl methacrylate	7.73	41	47495	5.547	ug/l #	54
49) 1,4-Dioxane	7.73	88	163	0.851	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	12835	1.158	ug/l #	52
52) Toluene	8.78	92	728928	40.378	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	119634	16.445	ug/l #	20
56) Ethyl methacrylate	9.17	69	31963	2.733	ug/l #	39
58) 2-Chloroethyl Vinyl ether	8.16	63	1903	0.415	ug/l	92
59) 2-Hexanone	9.50	43	5835	0.675	ug/l	91
64) Tetrachloroethene	9.33	164	11635	1.646	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

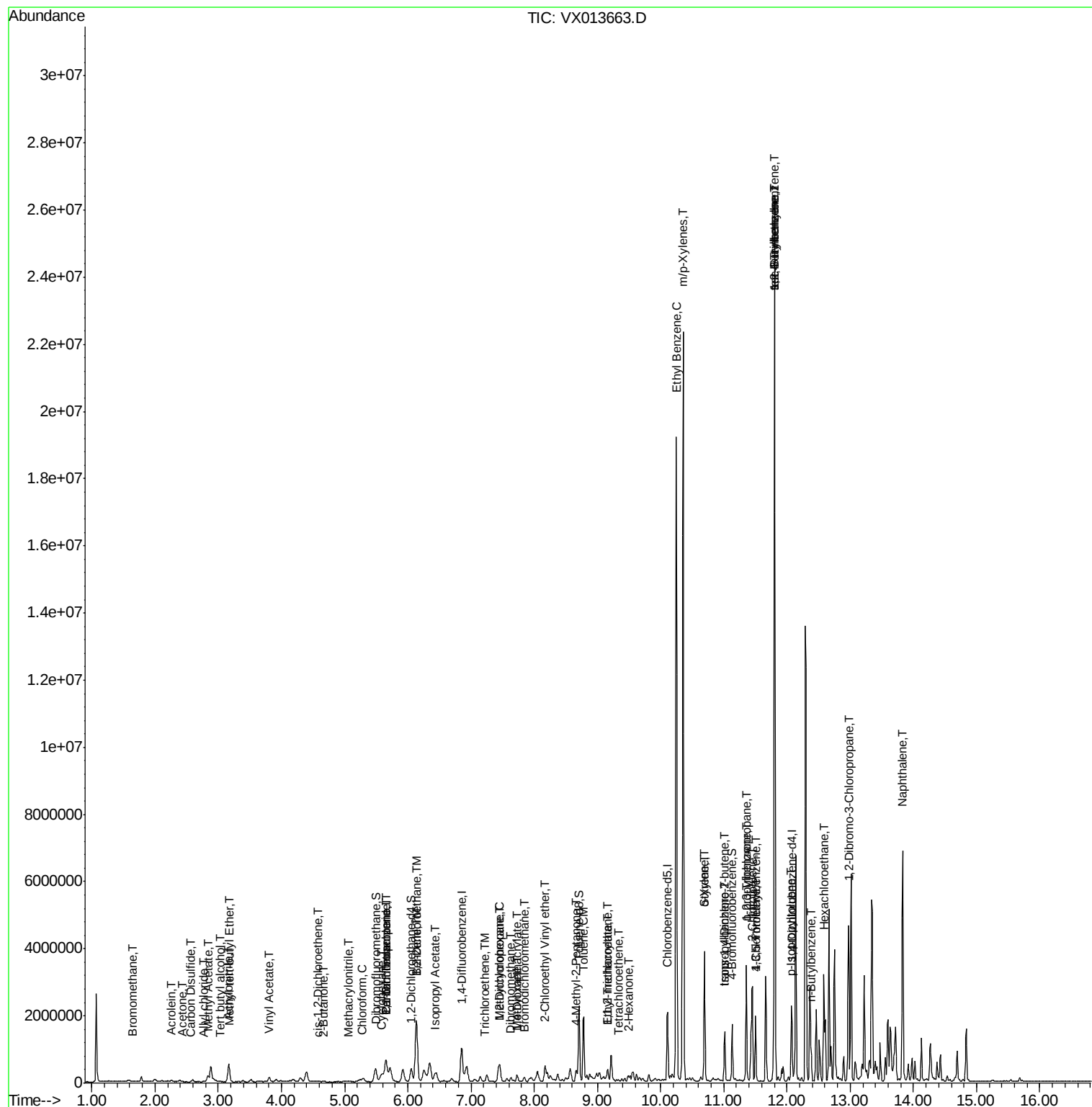
67) Ethyl Benzene	10.25	91	10875586	321.570	uq/l	89
68) m/p-Xylenes	10.35	106	5334603	411.993	uq/l	93
69) o-Xylene	10.70	106	851059	67.392	uq/l	100
70) Styrene	10.70	104	47315	2.227	uq/l #	1
73) Isopropylbenzene	11.01	105	760989	24.098	uq/l	100
76) 1,2,3-Trichloropropane	11.35	75	11892	1.174	uq/l #	1
78) n-propylbenzene	11.35	91	2038548	57.828	uq/l	99
79) 2-Chlorotoluene	11.45	91	226746	10.723	uq/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	819541	31.665	uq/l	100
81) trans-1,4-Dichloro-2-buten	11.01	75	7937	2.144	uq/l #	39
82) 4-Chlorotoluene	11.50	91	82515	3.369	uq/l #	45
83) tert-Butylbenzene	11.81	119	1477891	56.186	uq/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	10495721	399.569	uq/l	92
85) sec-Butylbenzene	11.81	105	10495721	349.339	uq/l #	55
86) p-Isopropyltoluene	12.06	119	147801	5.288	uq/l #	78
89) n-Butylbenzene	12.38	91	446997	18.751	uq/l #	36
90) Hexachloroethane	12.58	117	197078	39.009	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	14028	5.882	uq/l #	1
95) Naphthalene	13.83	128	4101126	134.482	uq/l	99

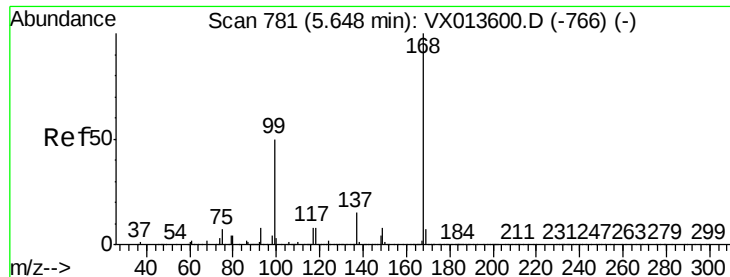
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

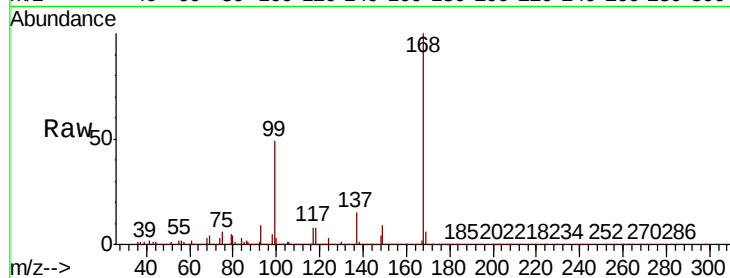
MW-3

Tot Ion:168 Resp: 667298

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

5.65

250000

200000

150000

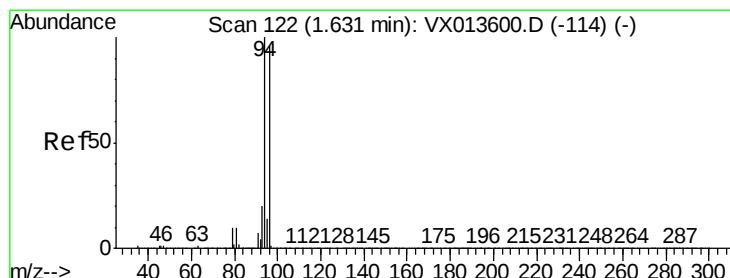
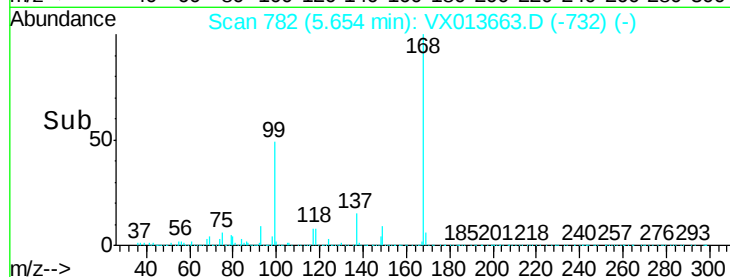
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.237 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013663.D

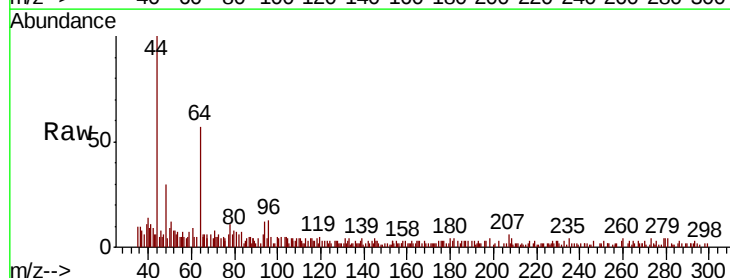
Acq: 27 Nov 2019 19:44

Tgt Ion: 94 Resp: 1490

Ion Ratio Lower Upper

94 100

96 76.4 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

600

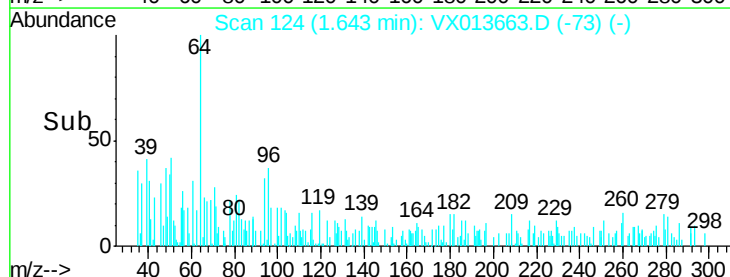
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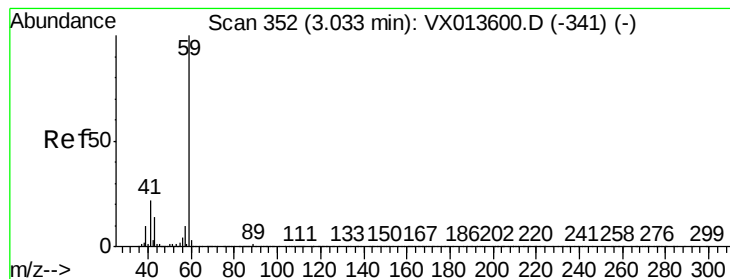
200

0

Time-->

1.60 1.65 1.70



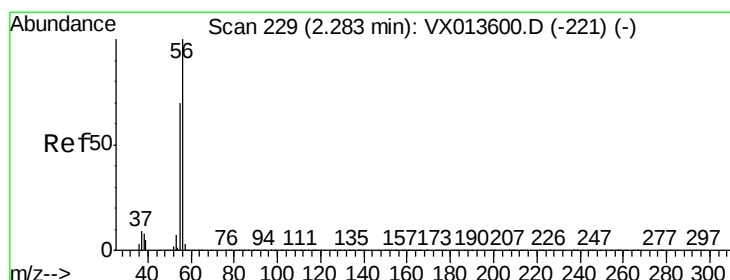
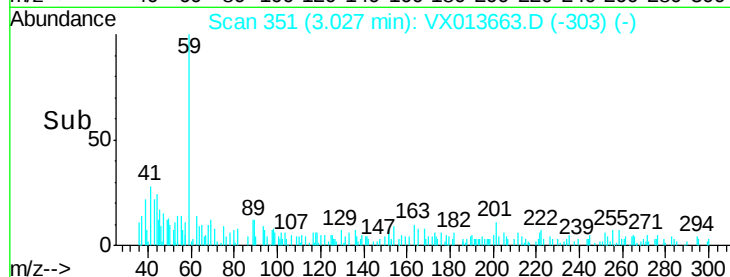
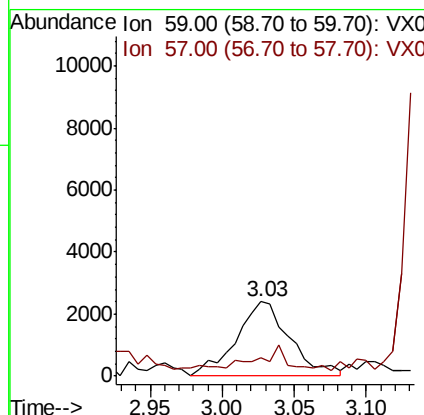
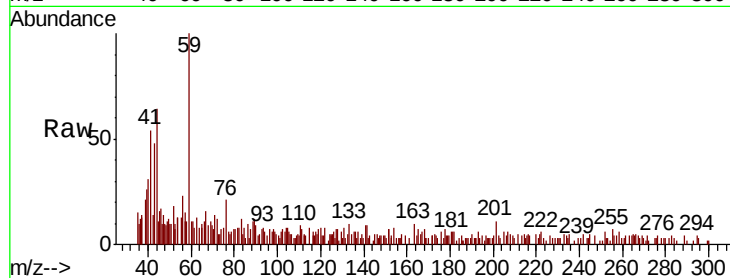


#11

Tert butyl alcohol
Concen: 3.239 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-3

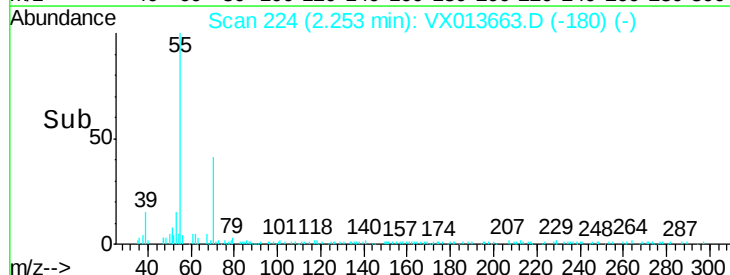
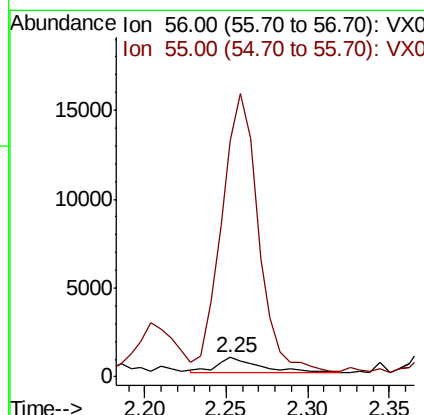
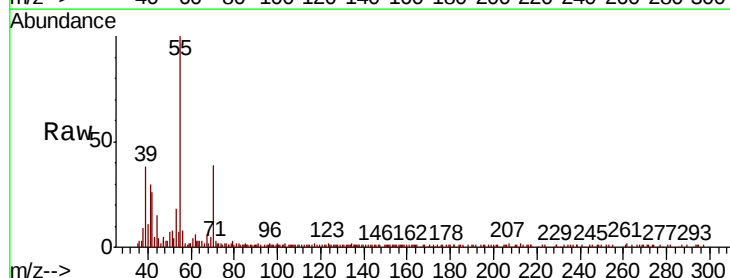
Tot Ion: 59 Resp: 6193
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

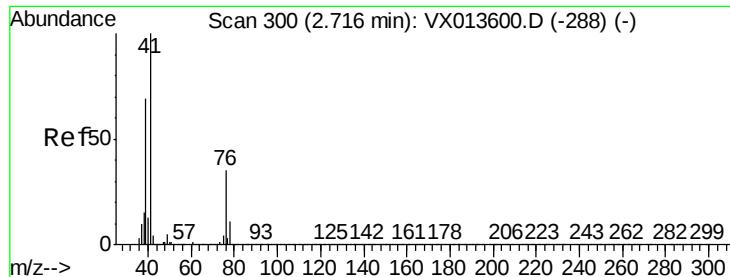


#13

Acrolein
Concen: 7.328 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.03 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion: 56 Resp: 1735
Ion Ratio Lower Upper
56 100
55 1402.3 56.2 84.4#





#14

Allvl chloride

Concen: 0.279 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.05 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

MW-3

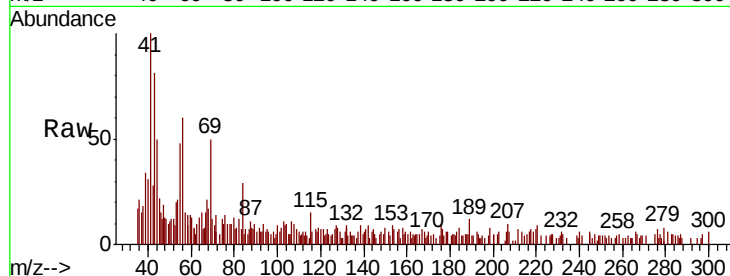
Tot Ion: 41 Resp: 3210

Ion Ratio Lower Upper

41 100

39 0.0 51.7 77.5#

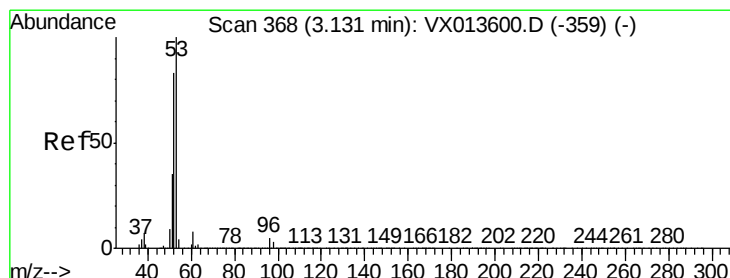
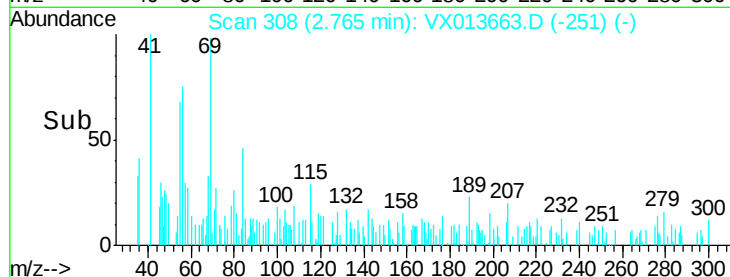
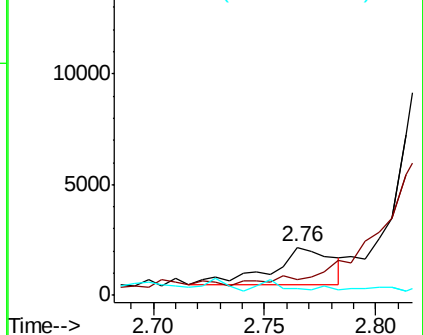
76 11.6 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 3.160 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.04 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

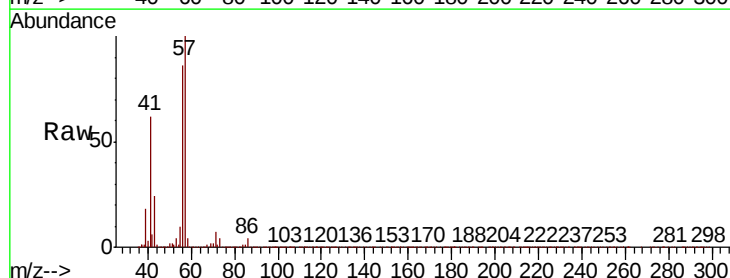
Tgt Ion: 53 Resp: 12472

Ion Ratio Lower Upper

53 100

52 28.6 66.2 99.2#

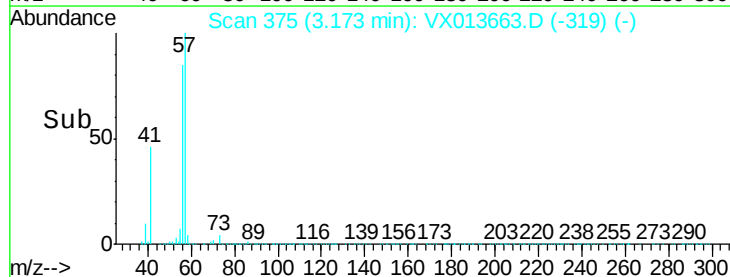
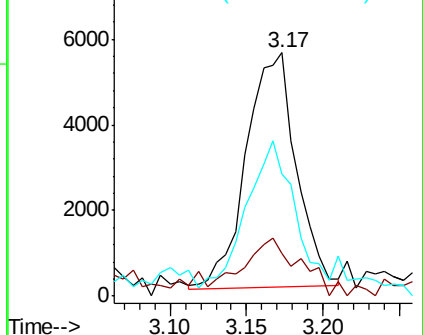
51 58.8 29.0 43.6#

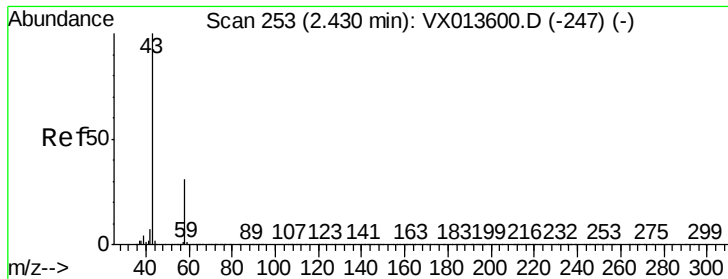


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 5.627 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

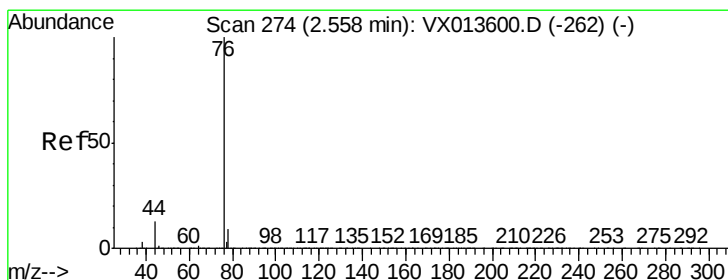
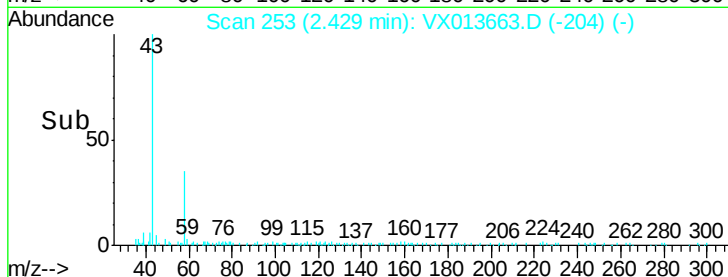
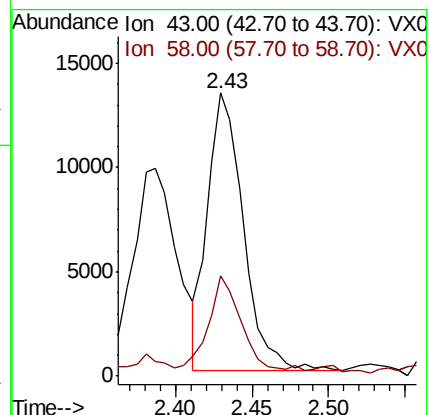
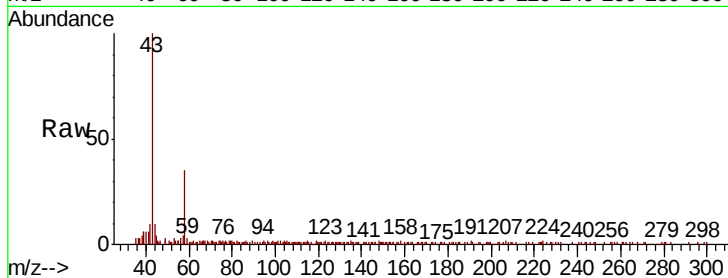
MW-3

Tot Ion: 43 Resp: 21518

Ion Ratio Lower Upper

43 100

58 34.4 24.6 36.8



#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013663.D

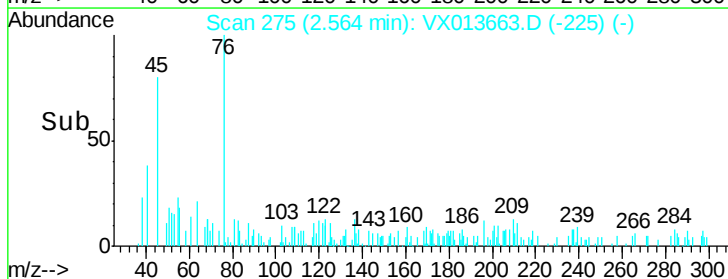
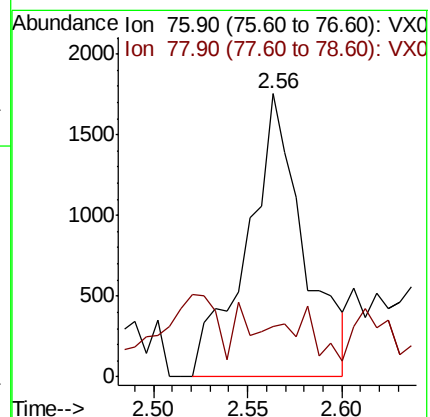
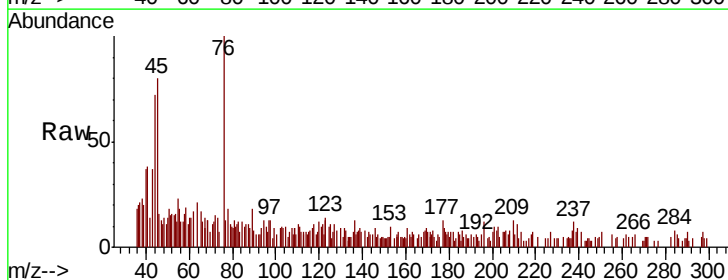
Acq: 27 Nov 2019 19:44

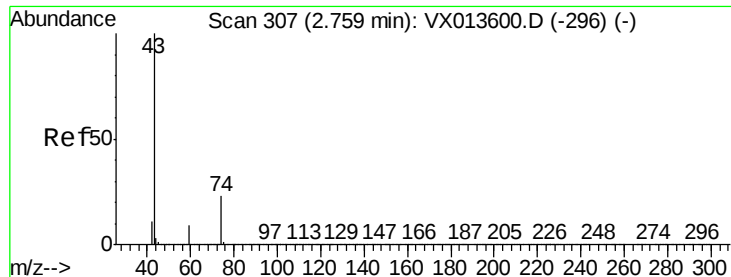
Tgt Ion: 76 Resp: 3646

Ion Ratio Lower Upper

76 100

78 13.3 7.2 10.8#

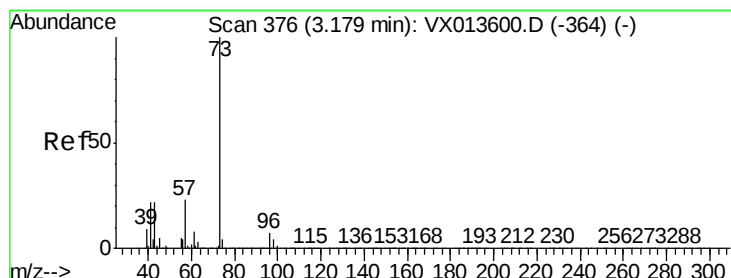
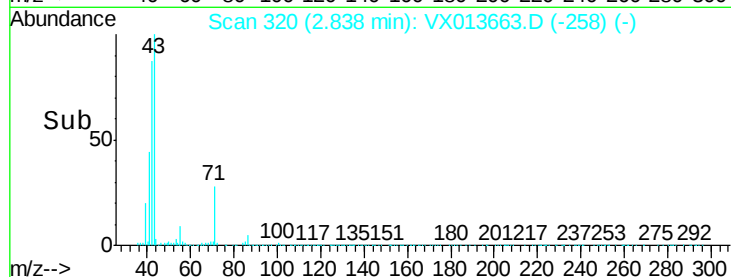
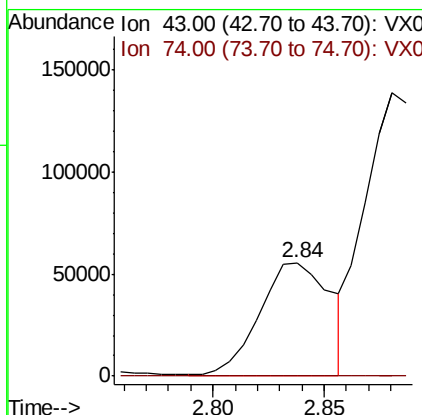
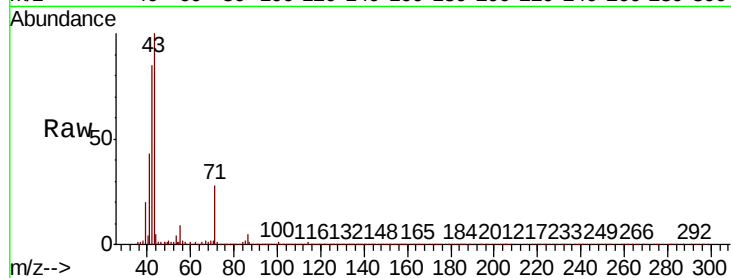




#18
Methyl Acetate
Concen: 11.504 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

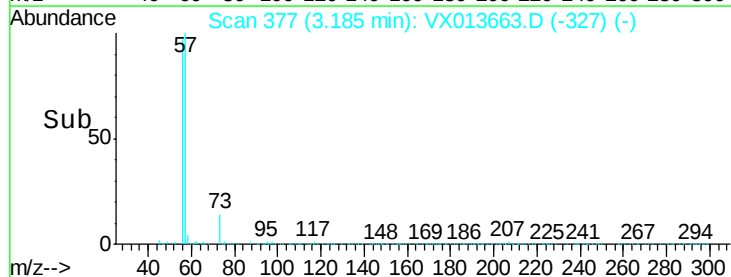
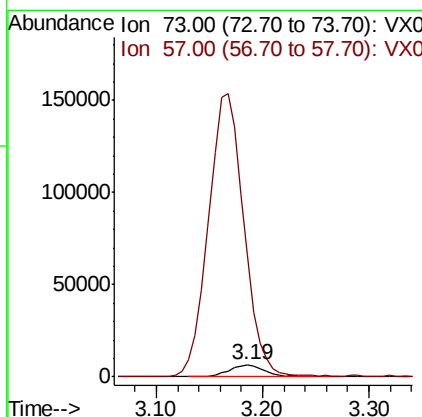
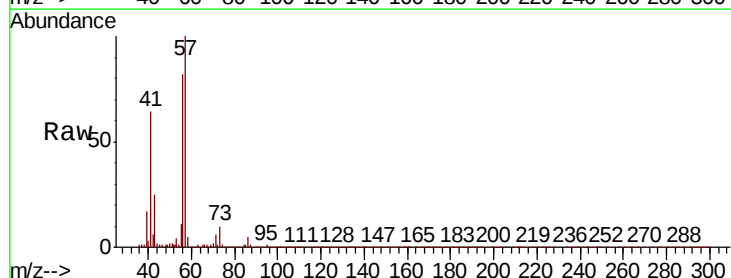
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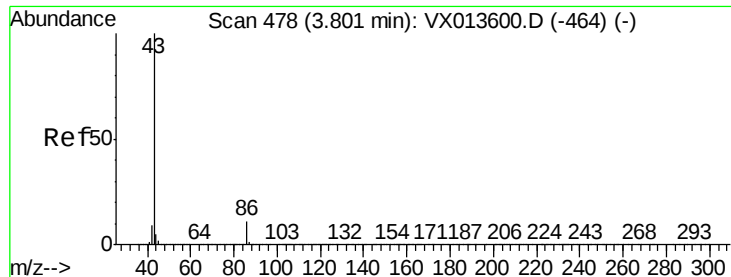
Tot Ion: 43 Resp: 122506
Ion Ratio Lower Upper
43 100
74 0.5 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 0.715 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion: 73 Resp: 15042
Ion Ratio Lower Upper
73 100
57 1017.4 18.3 27.5#





#23

Vinyl Acetate

Concen: 0.250 ug/l

RT: 3.81 min Scan# 480

Delta R.T. 0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

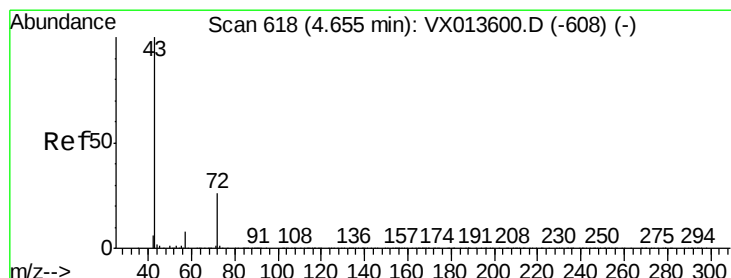
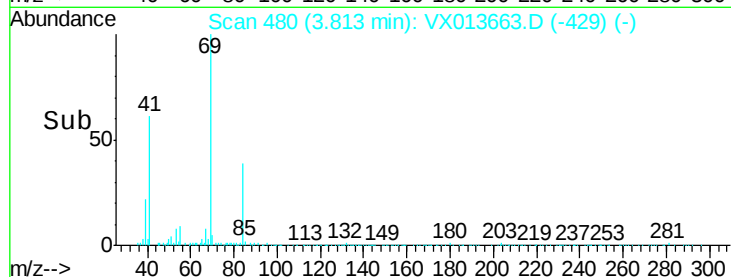
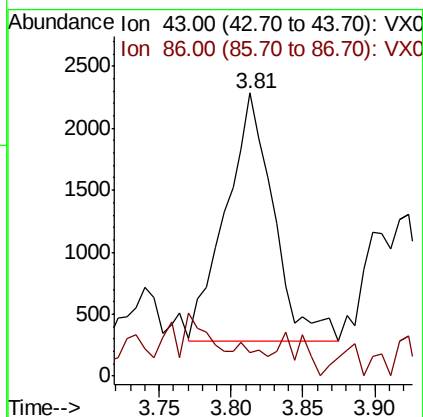
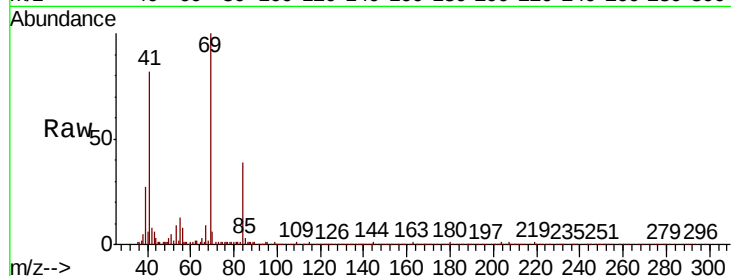
MW-3

Tot Ion: 43 Resp: 4619

Ion Ratio Lower Upper

43 100

86 1.8 8.7 13.1#



#25

2-Butanone

Concen: 1.982 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX013663.D

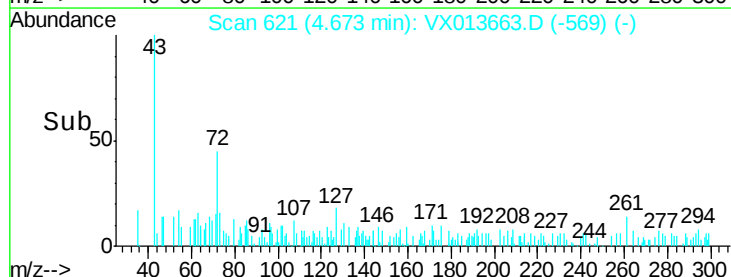
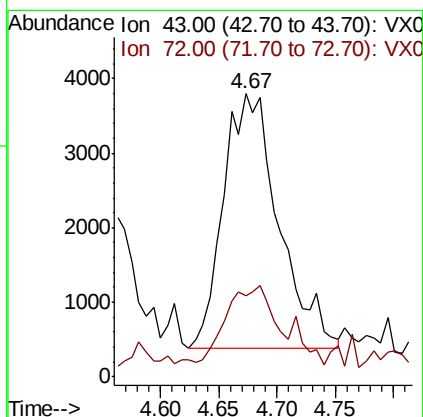
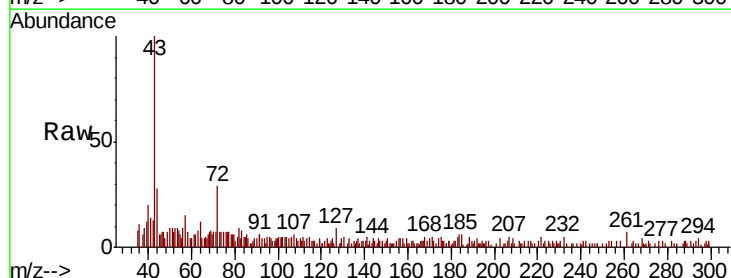
Acq: 27 Nov 2019 19:44

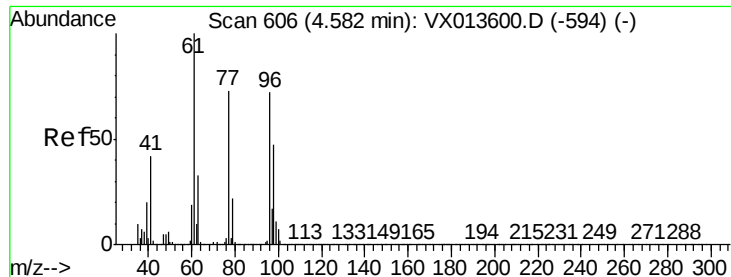
Tgt Ion: 43 Resp: 11266

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



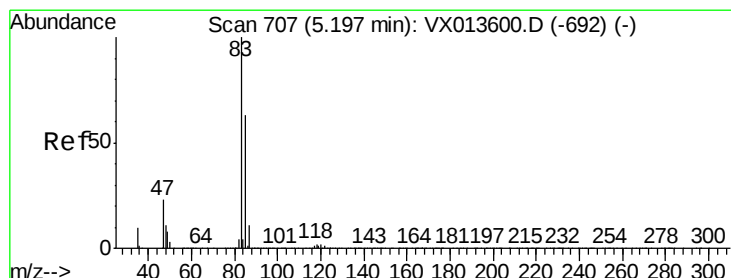
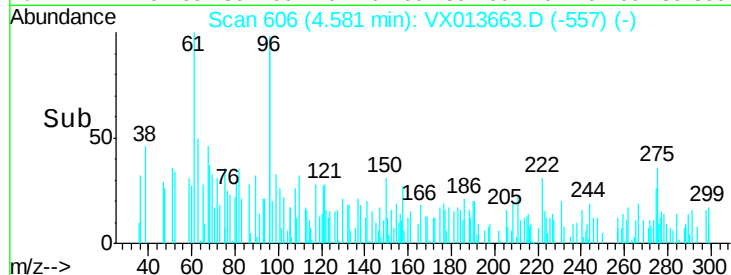
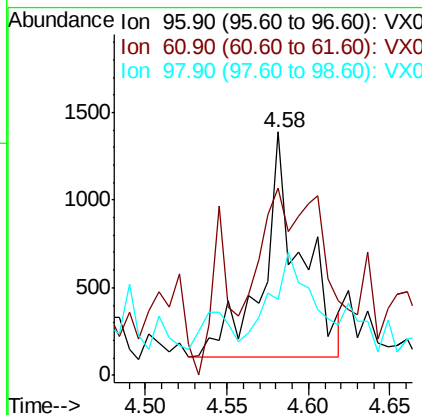
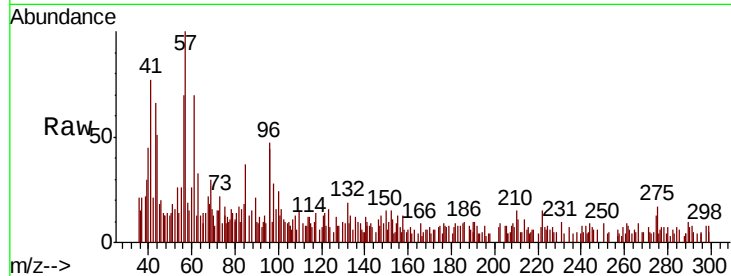


#27

cis-1,2-Dichloroethene
Concen: 0.262 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

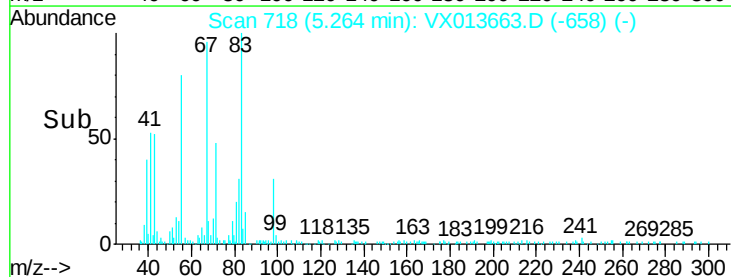
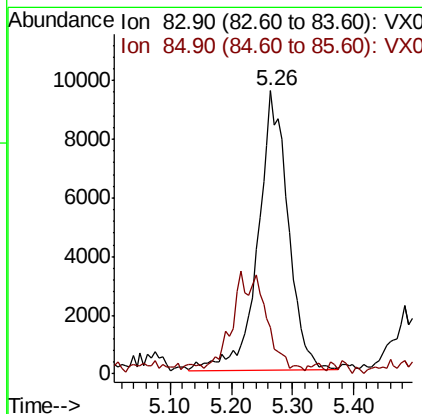
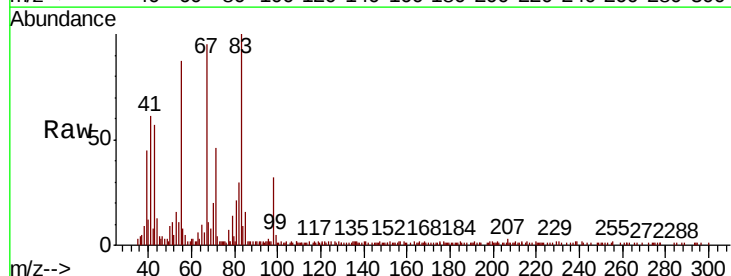
Tot Ion: 96 Resp: 2082
Ion Ratio Lower Upper
96 100
61 39.3 0.0 286.4
98 40.5 0.0 127.4

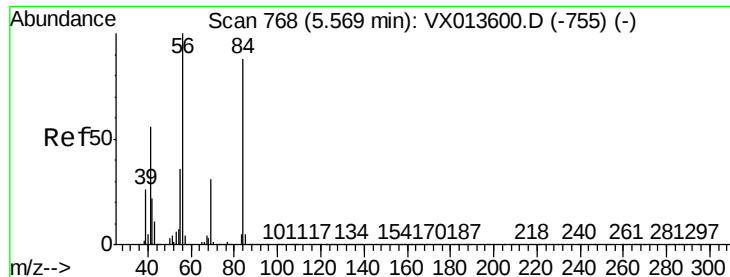


#30

Chloroform
Concen: 2.647 ug/l
RT: 5.26 min Scan# 718
Delta R.T. 0.07 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion: 83 Resp: 32569
Ion Ratio Lower Upper
83 100
85 14.9 50.2 75.4#





#31

Cyclohexane

Concen: 13.015 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

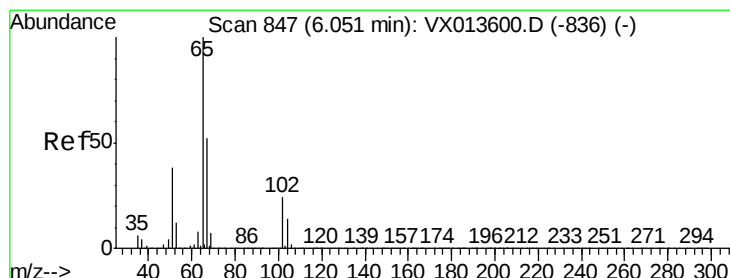
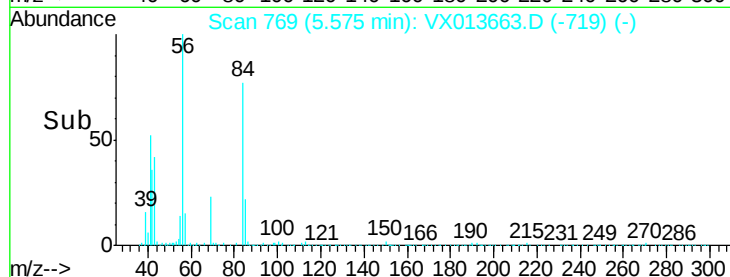
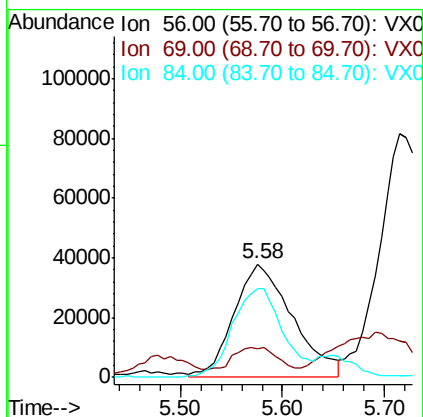
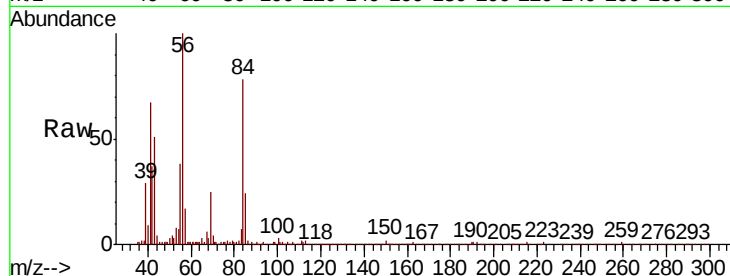
Tot Ion: 56 Resp: 148914

Ion Ratio Lower Upper

56 100

69 13.5 24.6 36.8#

84 78.9 70.0 105.0



#33

1,2-Dichloroethane-d4

Concen: 48.462 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013663.D

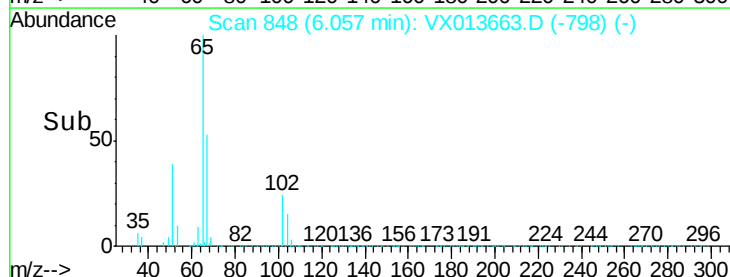
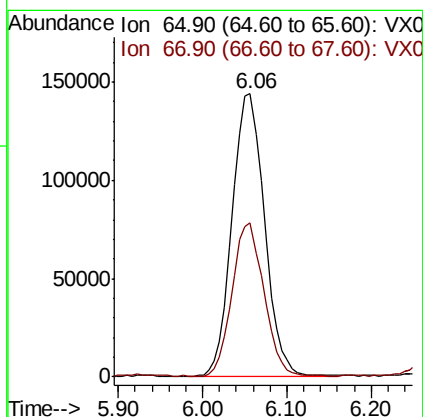
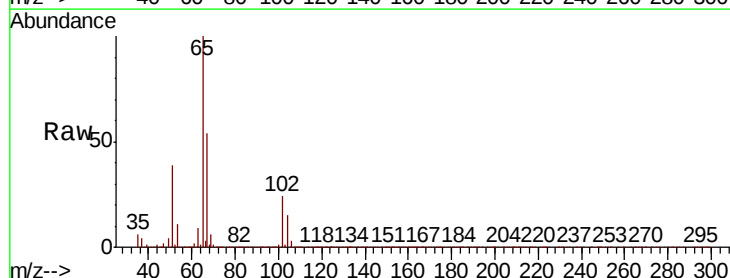
Acq: 27 Nov 2019 19:44

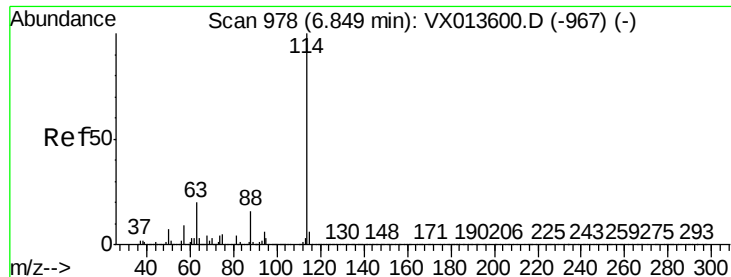
Tgt Ion: 65 Resp: 375381

Ion Ratio Lower Upper

65 100

67 53.2 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: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

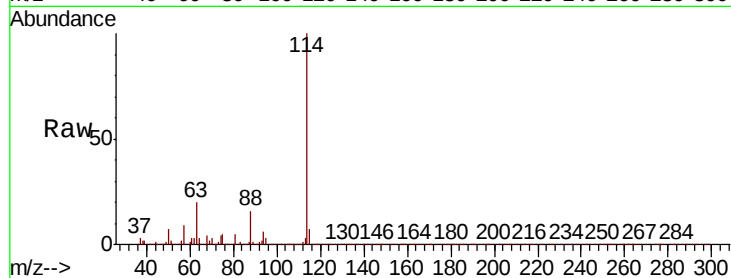
Tot Ion:114 Resp: 1051062

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

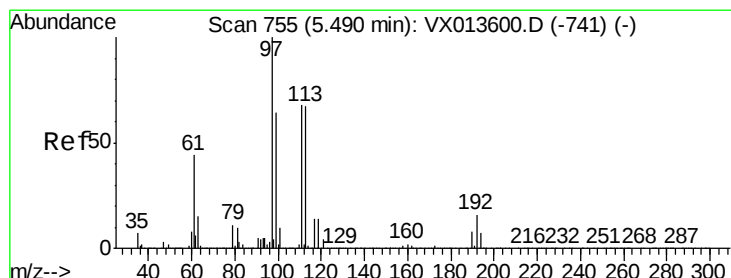
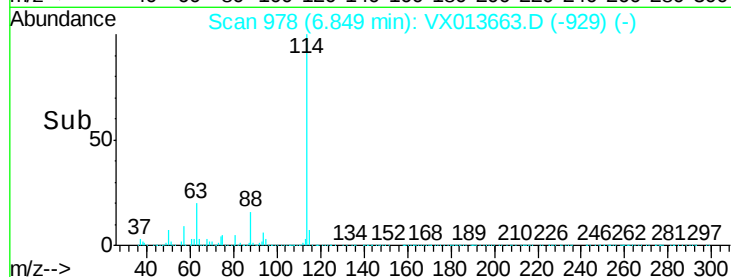
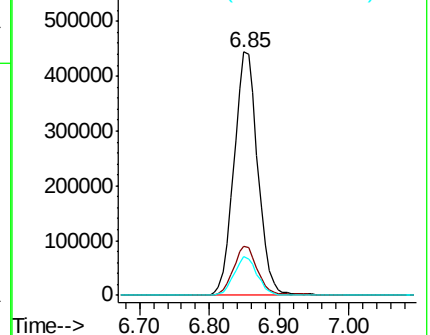
88 15.8 0.0 31.4



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: 48.239 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

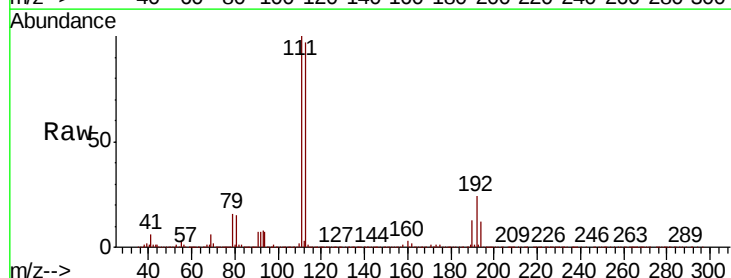
Tgt Ion:113 Resp: 313447

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

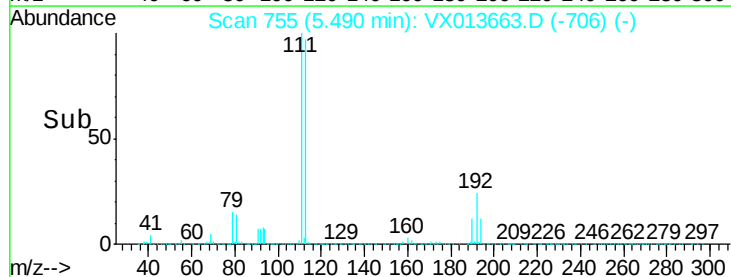
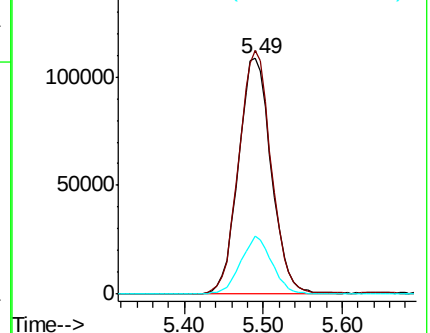
192 23.5 19.2 28.8

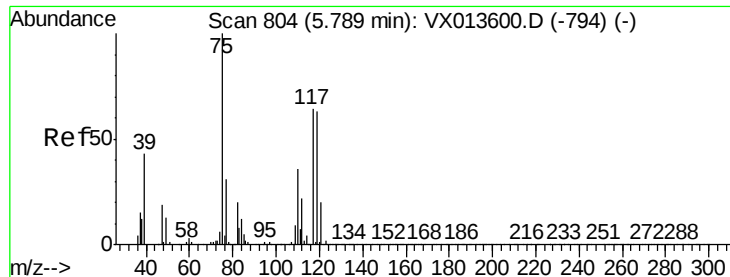


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

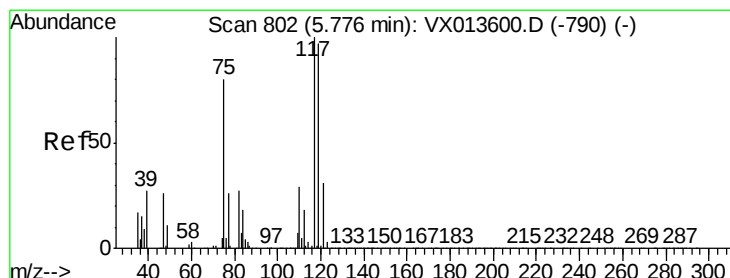
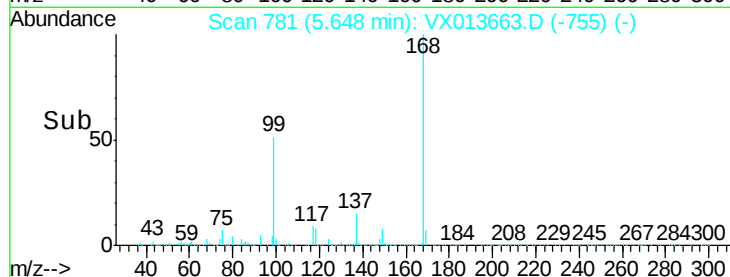
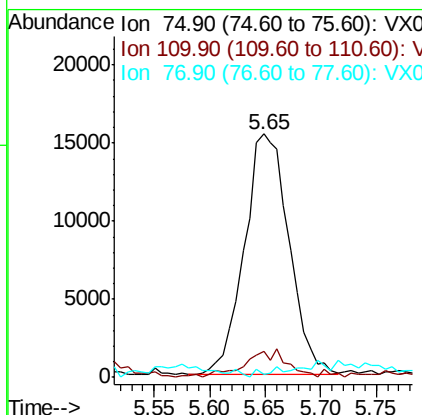
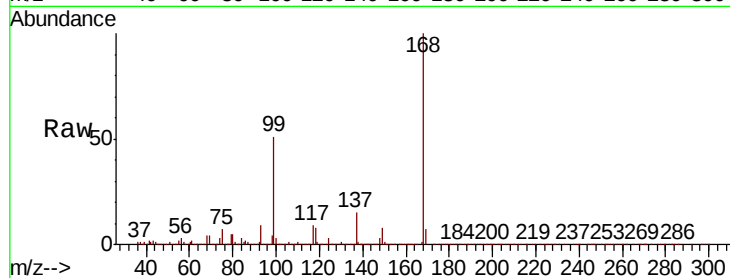




#36
 1,1-Dichloropropene
 Concen: 4.480 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

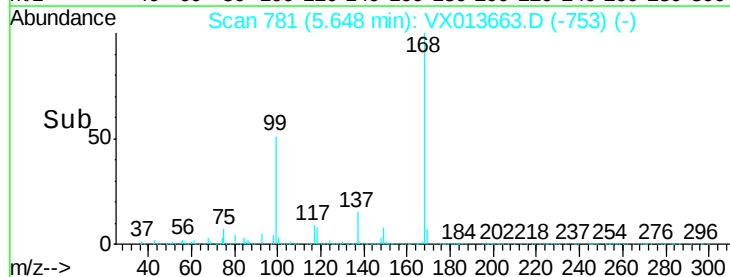
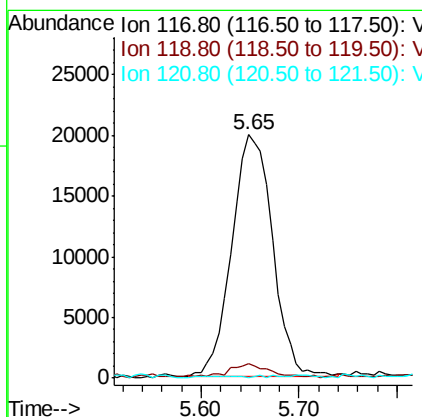
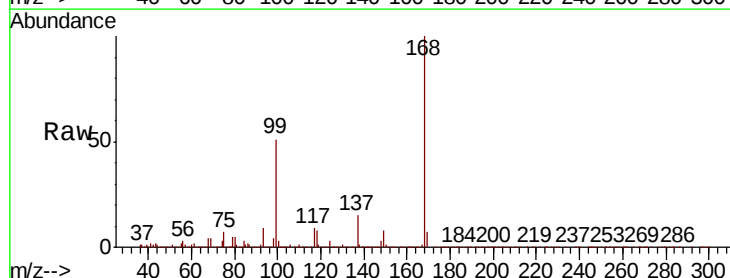
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

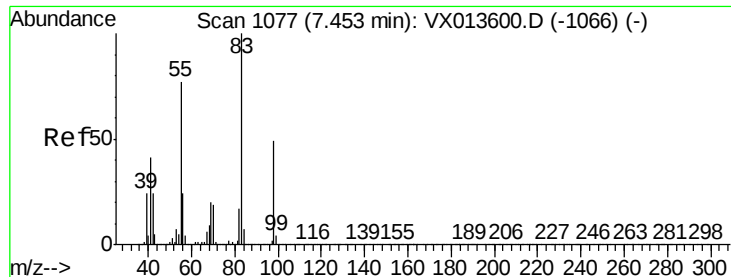
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.1#
77	1.7	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.573 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.5	116.3#
121	0.9	25.0	37.6#

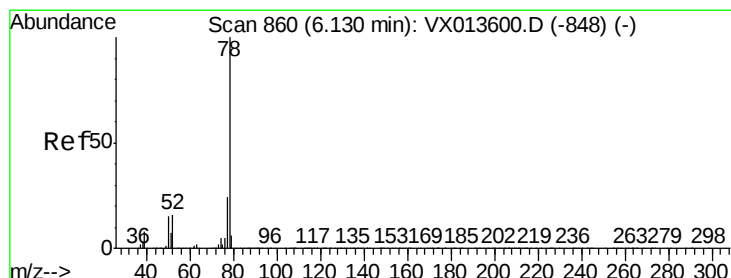
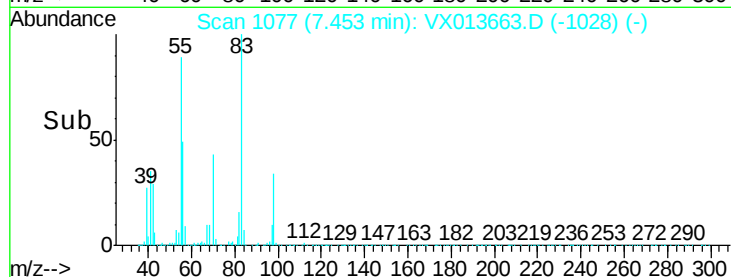
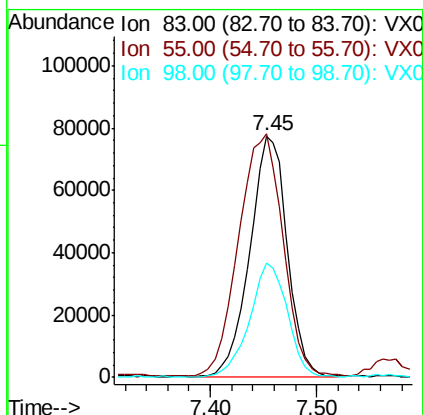
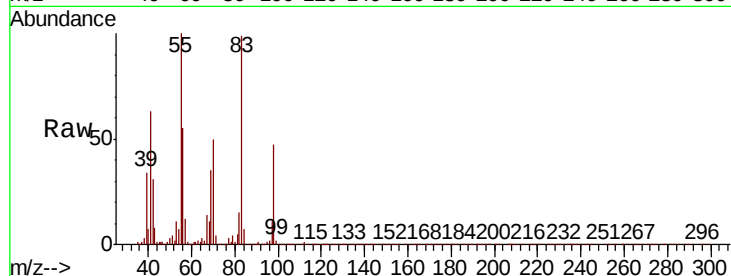




#39
Methvlcvclohexane
Concen: 16.070 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

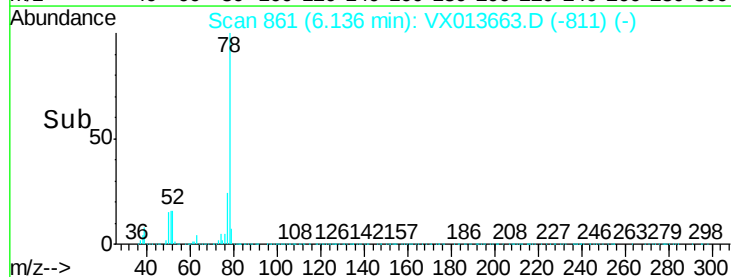
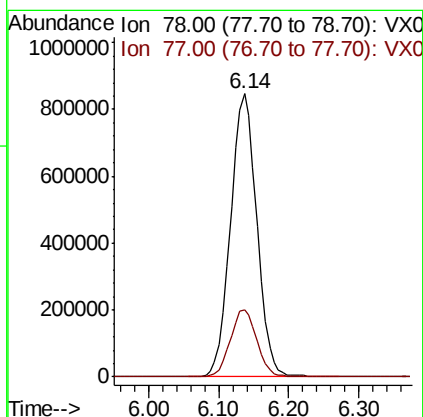
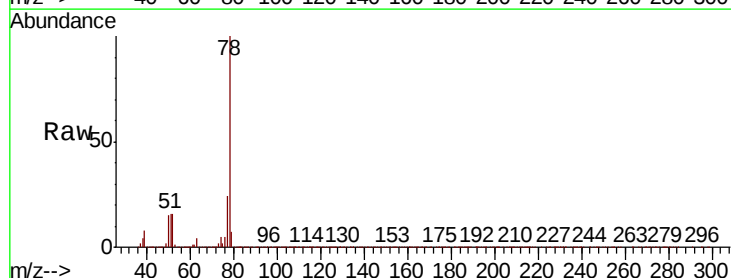
Instrument :
MSVOA_X
ClientSampleId :
MW-3

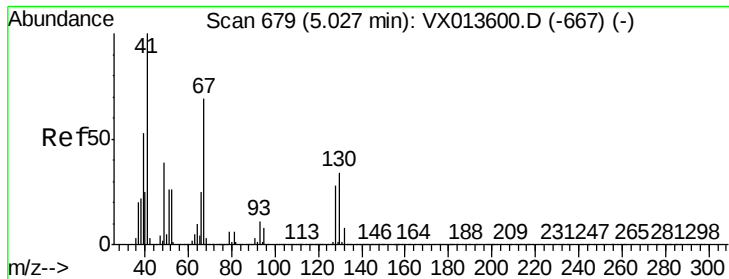
Tot Ion	Ratio	Lower	Upper
83	100		
55	100.3	61.9	92.9#
98	47.1	39.4	59.0



#40
Benzene
Concen: 76.132 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

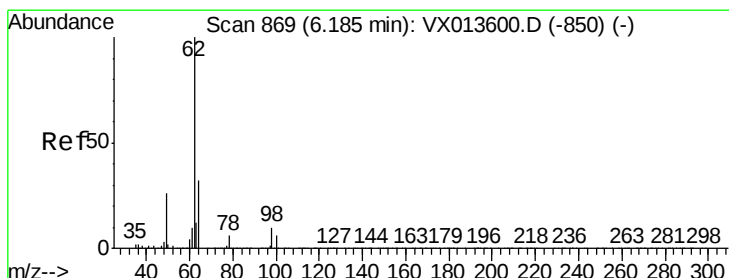
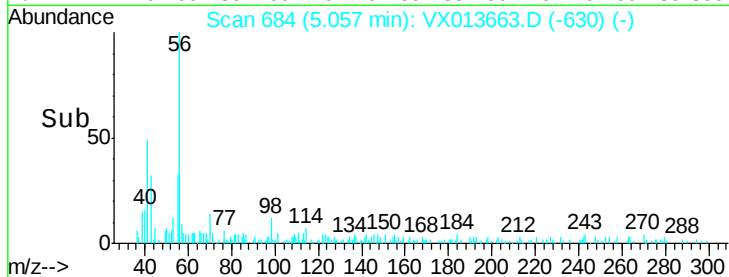
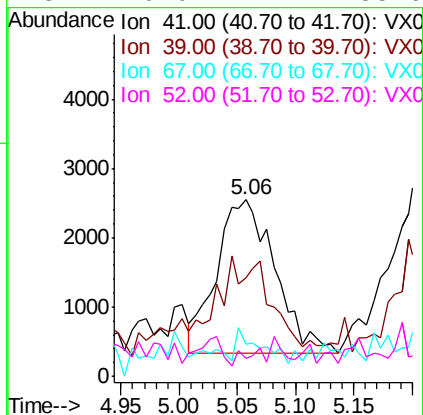
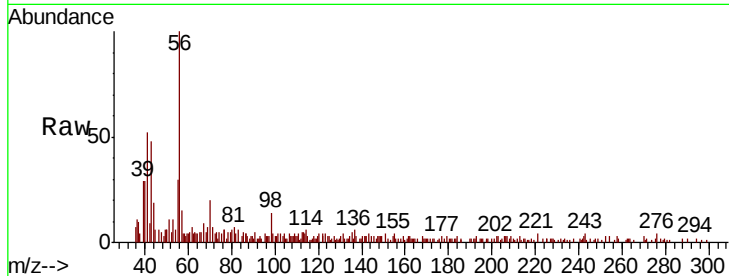




#41
Methacrylonitrile
Concen: 1.324 ug/l
RT: 5.06 min Scan# 684
Delta R.T. 0.03 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

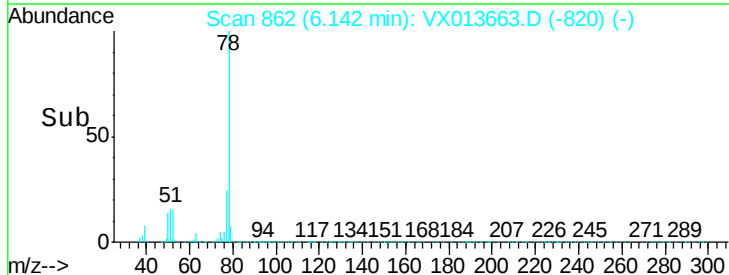
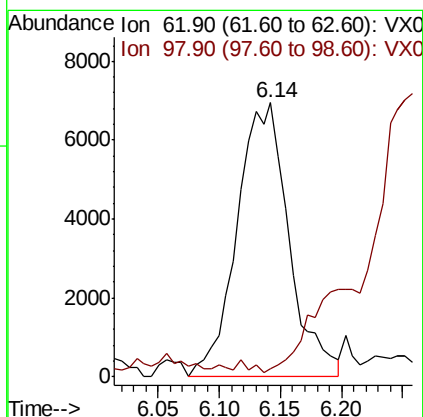
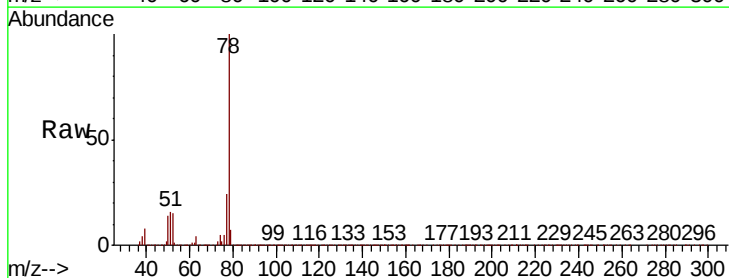
Instrument :
MSVOA_X
ClientSampled :
MW-3

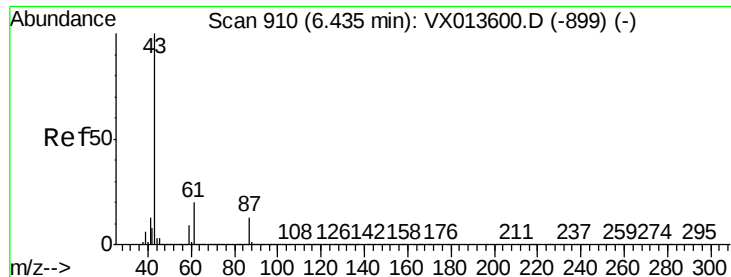
Tot Ion:	41	Resp:	7772
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.9	64.3#
67	0.0	57.4	86.0#
52	0.0	22.4	33.6#



#42
1,2-Dichloroethane
Concen: 2.068 ug/l
RT: 6.14 min Scan# 862
Delta R.T. -0.04 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion:	62	Resp:	20495
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 3.497 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

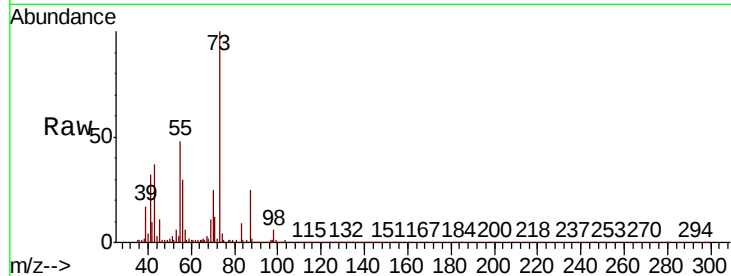
Tot Ion: 43 Resp: 61624

Ion Ratio Lower Upper

43 100

61 0.6 16.3 24.5#

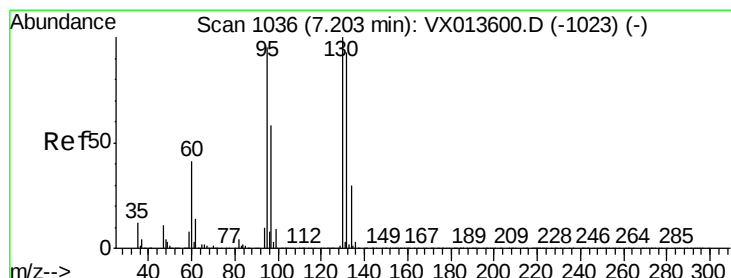
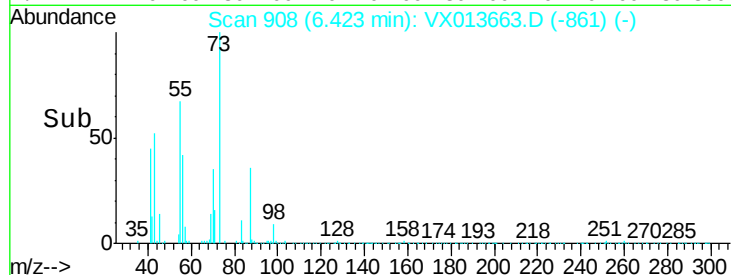
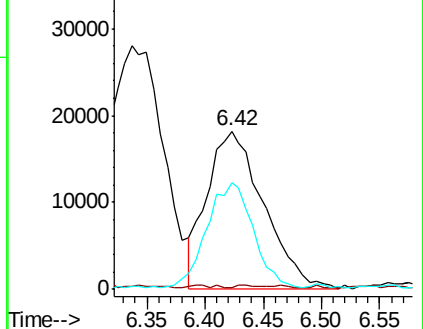
87 53.9 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.653 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013663.D

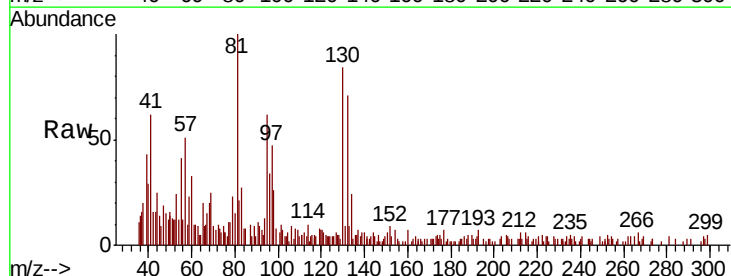
Acq: 27 Nov 2019 19:44

Tgt Ion:130 Resp: 5208

Ion Ratio Lower Upper

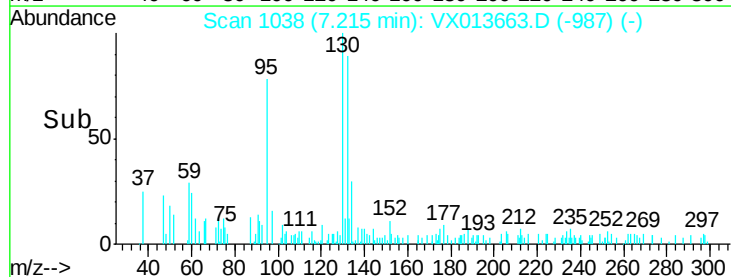
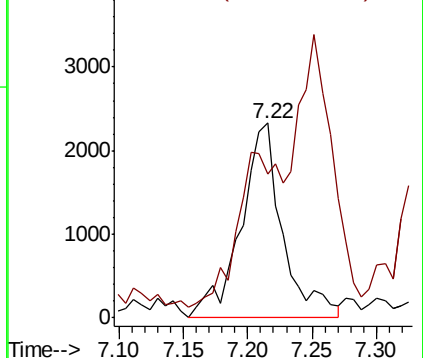
130 100

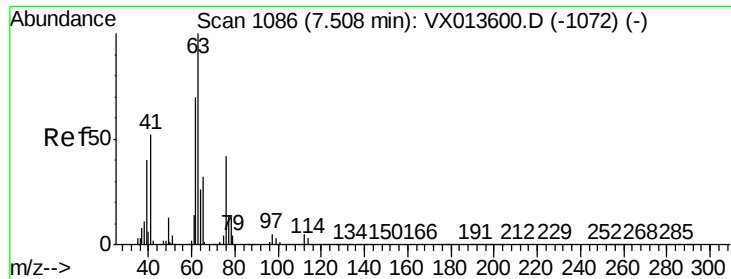
95 68.2 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.493 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.05 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

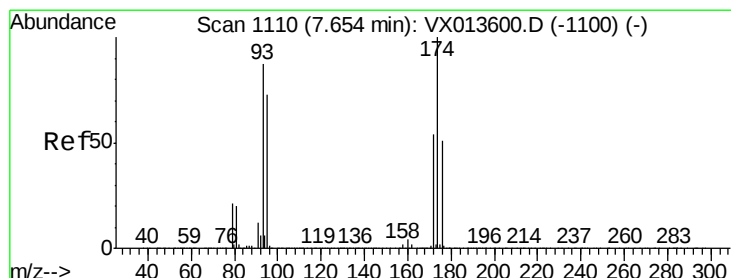
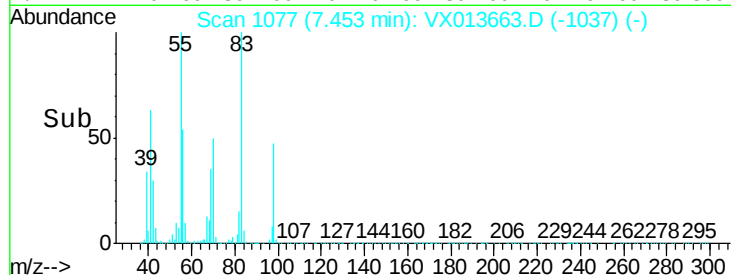
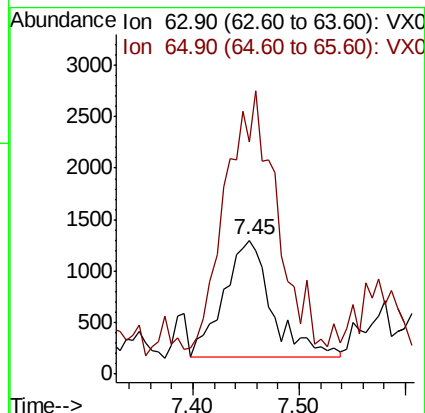
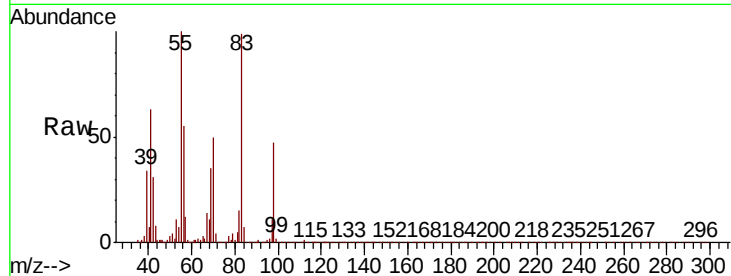
MW-3

Tot Ion: 63 Resp: 3586

Ion Ratio Lower Upper

63 100

65 177.2 25.5 38.3#



#46

Dibromomethane

Concen: 0.530 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

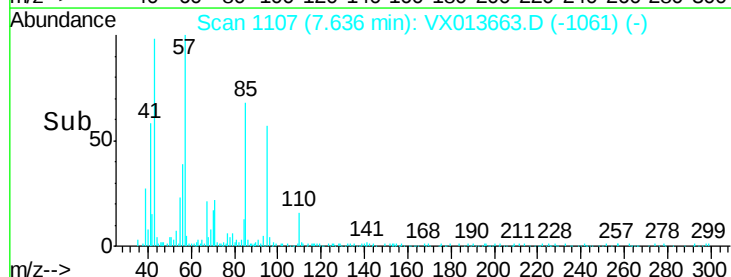
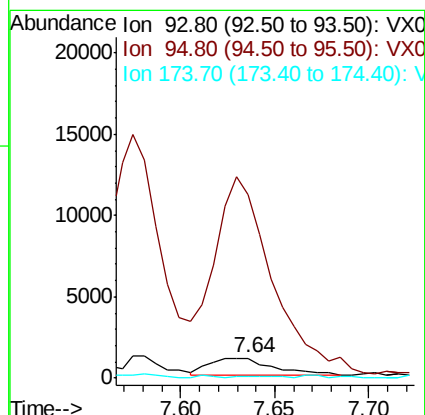
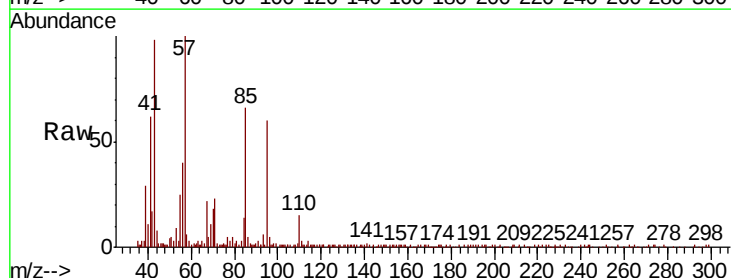
Tgt Ion: 93 Resp: 2617

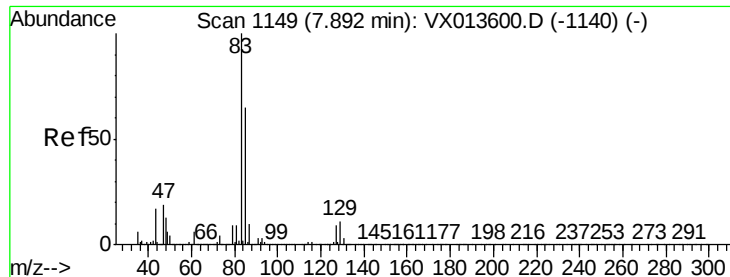
Ion Ratio Lower Upper

93 100

95 996.8 66.2 99.2#

174 8.3 93.4 140.0#





#47

Bromodichloromethane

Concen: 1.084 ug/l

RT: 7.84 min Scan# 1140

Delta R.T. -0.05 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

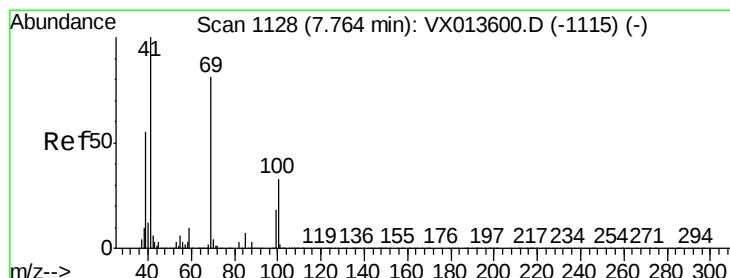
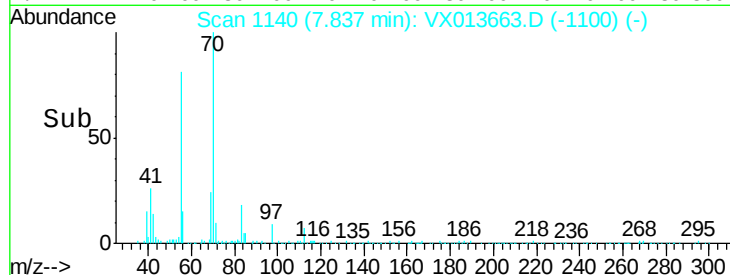
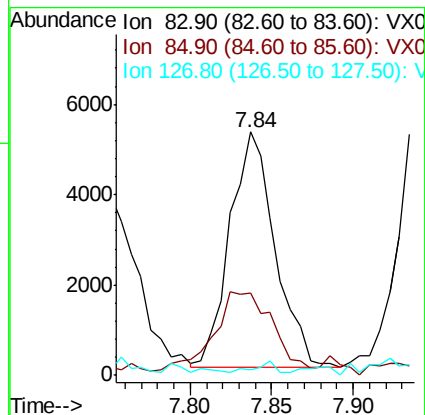
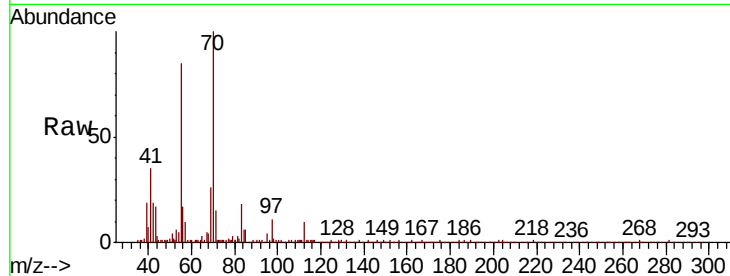
Tot Ion: 83 Resp: 10122

Ion Ratio Lower Upper

83 100

85 30.3 52.1 78.1#

127 1.5 7.0 10.4#



#48

Methyl methacrylate

Concen: 5.547 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

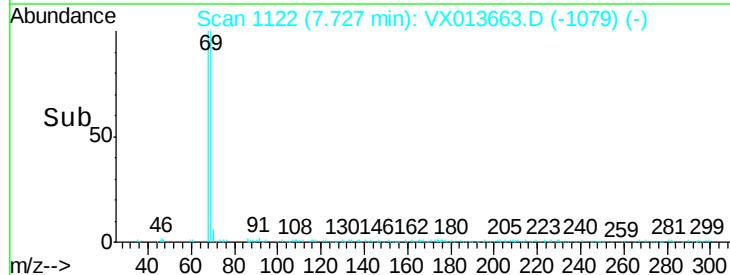
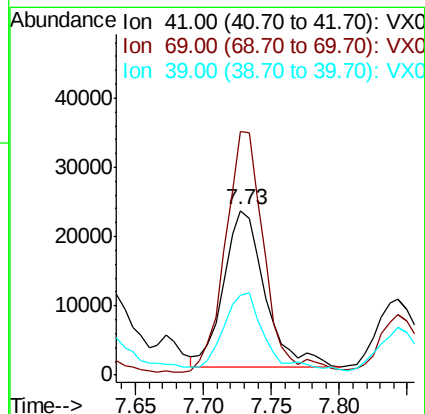
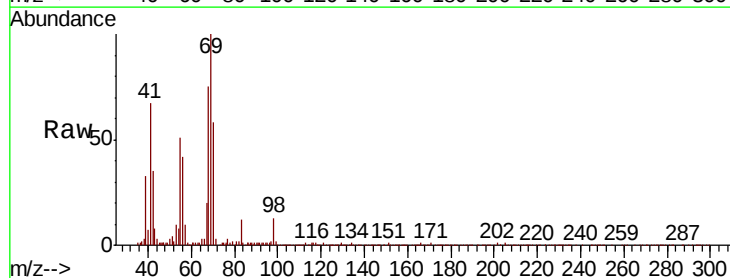
Tgt Ion: 41 Resp: 47495

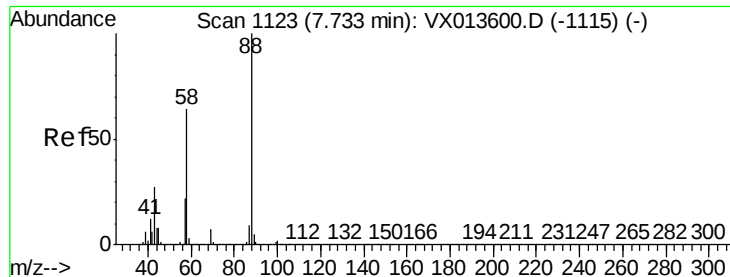
Ion Ratio Lower Upper

41 100

69 145.0 64.7 97.1#

39 49.0 43.8 65.6





#49

1,4-Dioxane

Concen: 0.851 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

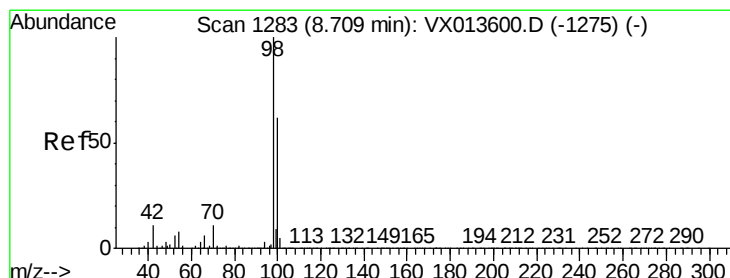
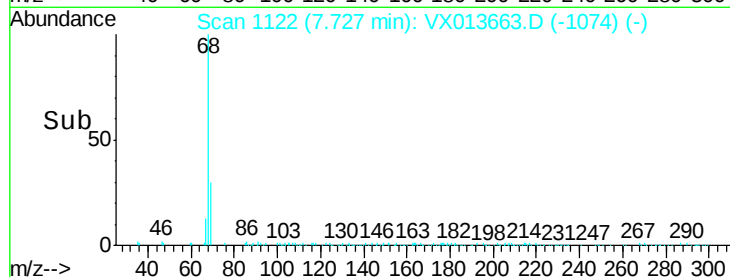
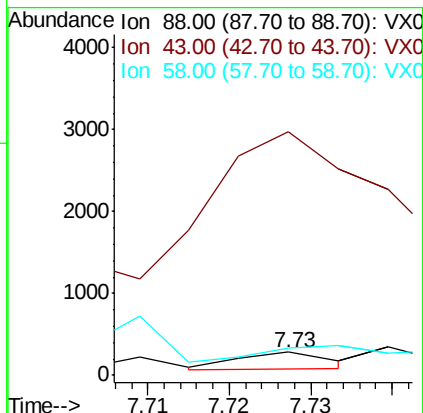
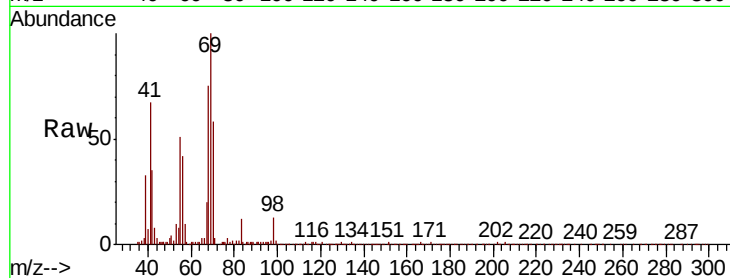
Tot Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 2296.9 25.8 38.6#

58 0.0 54.6 82.0#



#50

Toluene-d8

Concen: 49.587 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013663.D

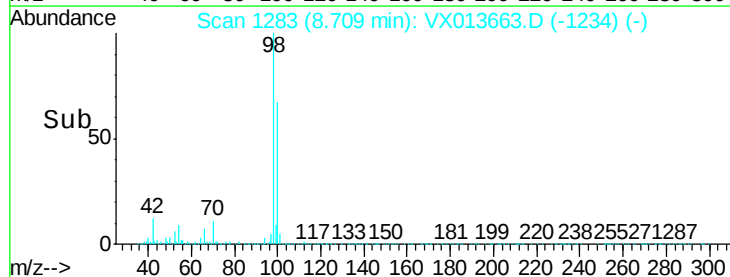
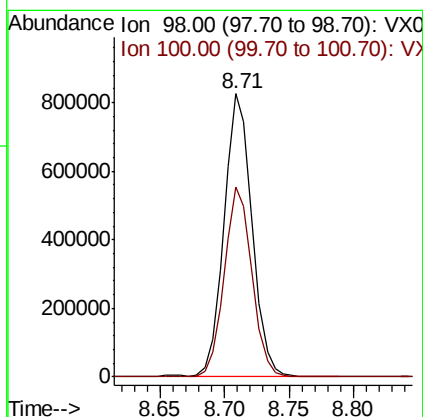
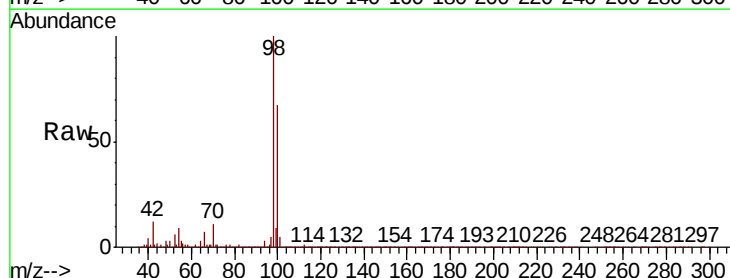
Acq: 27 Nov 2019 19:44

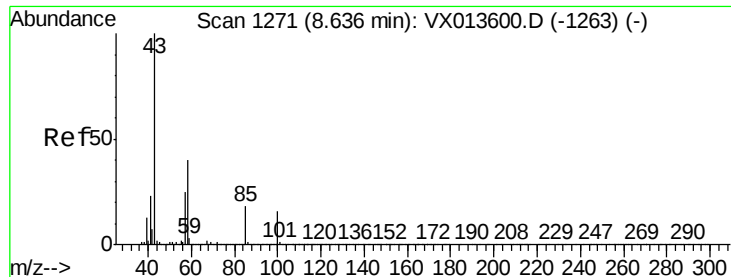
Tgt Ion: 98 Resp: 1255363

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 1.158 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

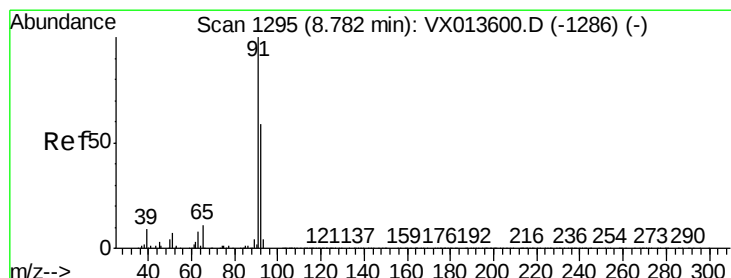
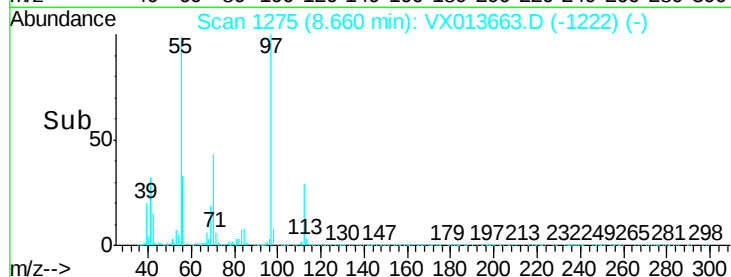
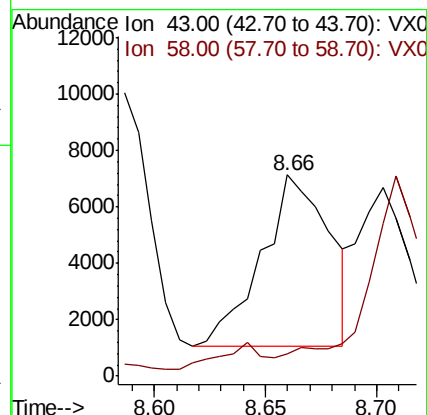
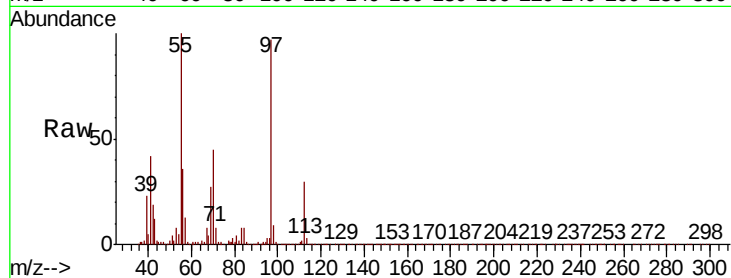
MW-3

Tot Ion: 43 Resp: 12835

Ion Ratio Lower Upper

43 100

58 10.1 32.1 48.1#



#52

Toluene

Concen: 40.378 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013663.D

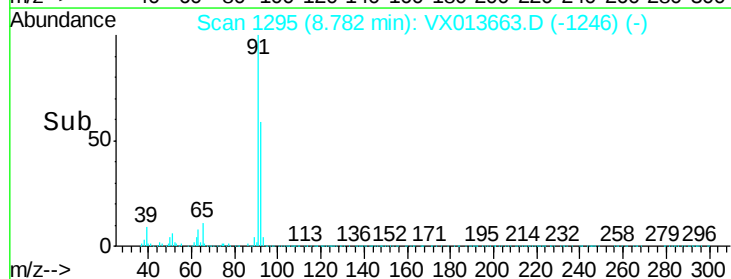
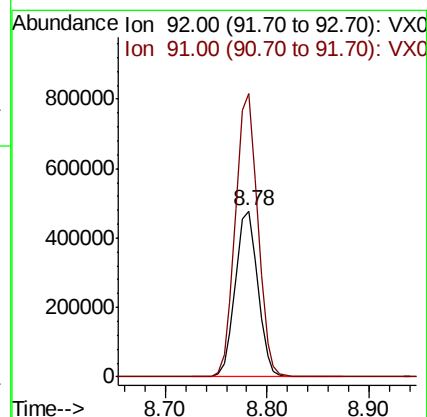
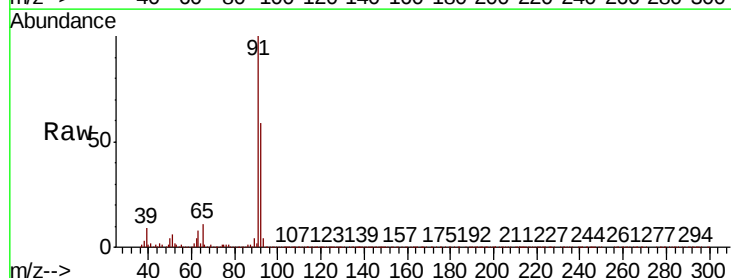
Acq: 27 Nov 2019 19:44

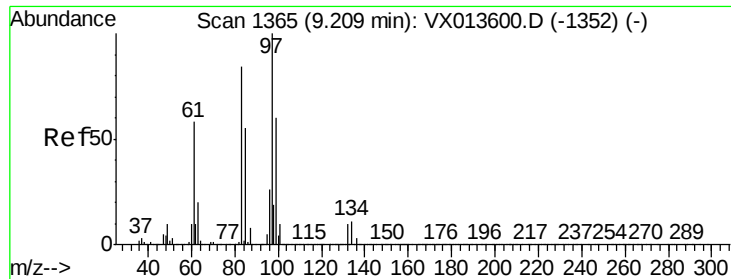
Tgt Ion: 92 Resp: 728928

Ion Ratio Lower Upper

92 100

91 169.3 136.2 204.2

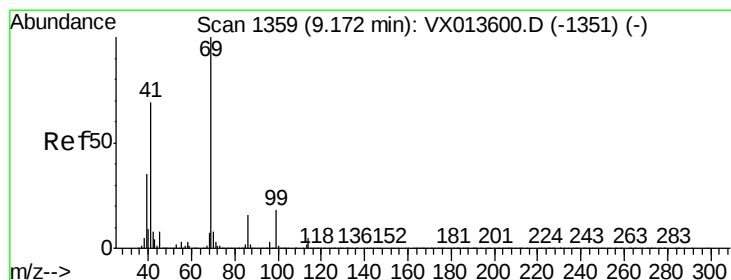
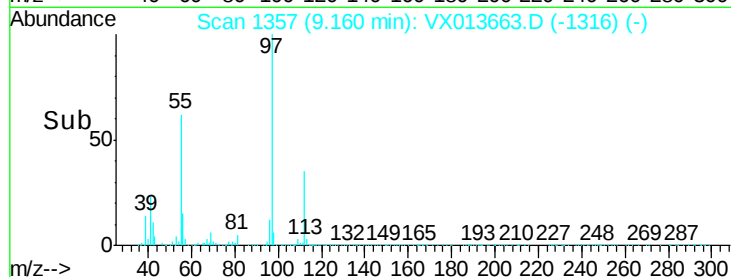
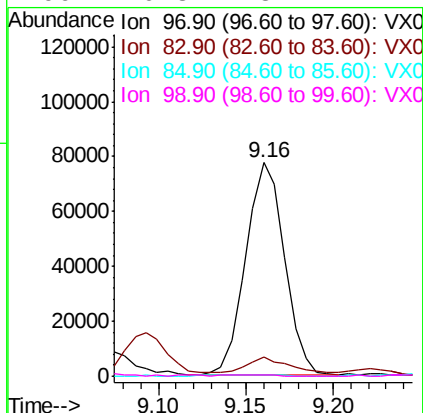
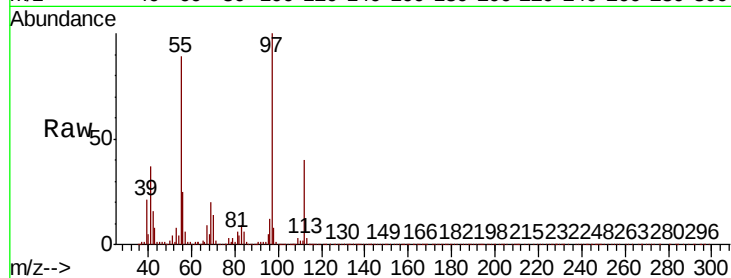




#55
 1,1,2-Trichloroethane
 Concen: 16.445 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

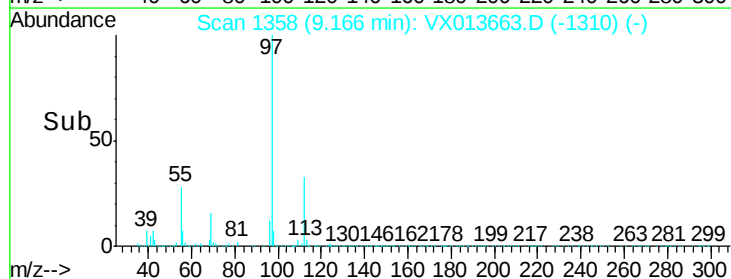
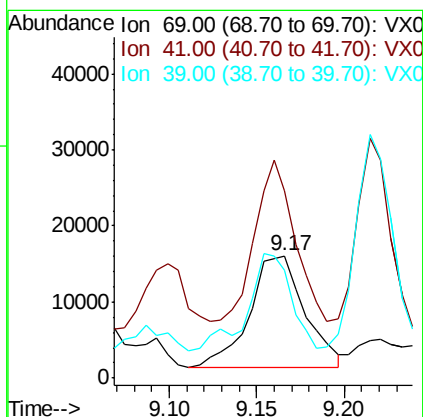
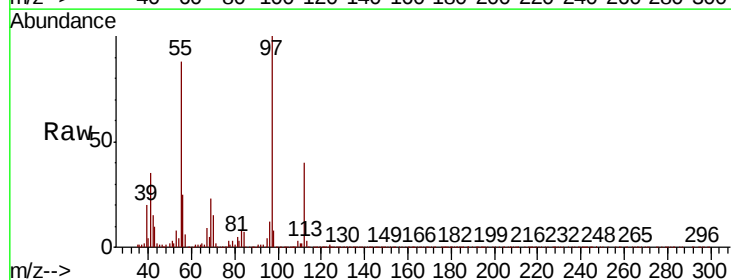
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

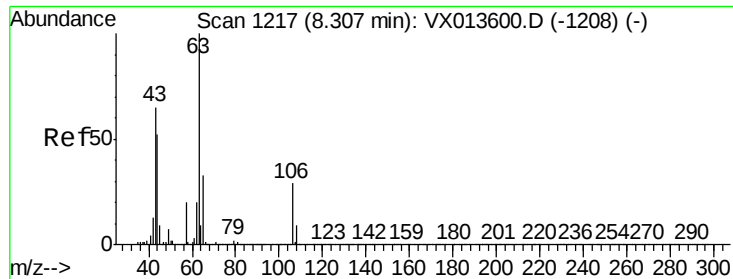
Tot Ion: 97 Resp: 119634
 Ion Ratio Lower Upper
 97 100
 83 6.9 67.3 100.9#
 85 0.6 43.6 65.4#
 99 0.3 48.2 72.4#



#56
 Ethyl methacrylate
 Concen: 2.733 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

Tgt Ion: 69 Resp: 31963
 Ion Ratio Lower Upper
 69 100
 41 120.6 55.0 82.4#
 39 69.0 28.7 43.1#

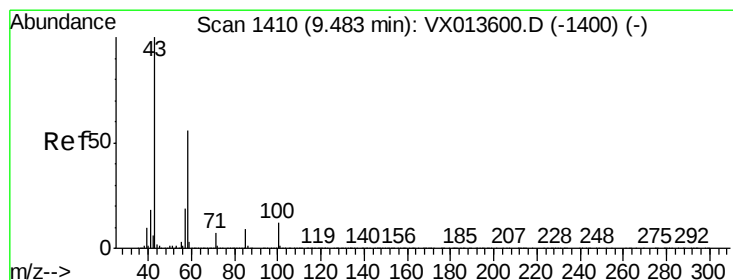
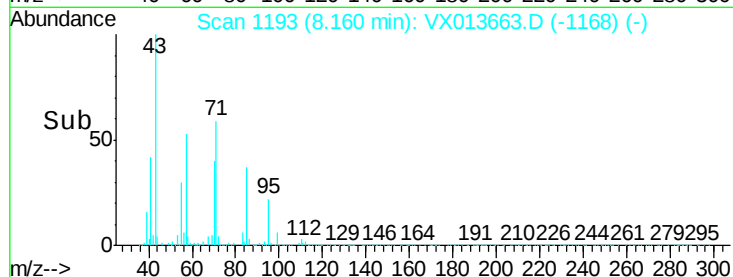
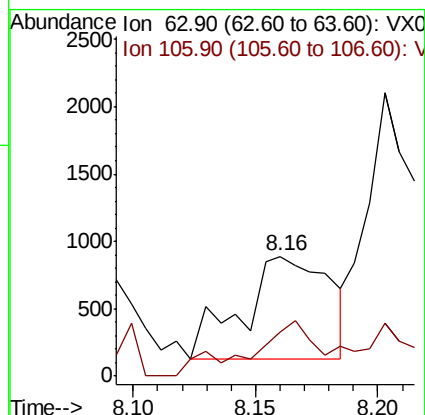
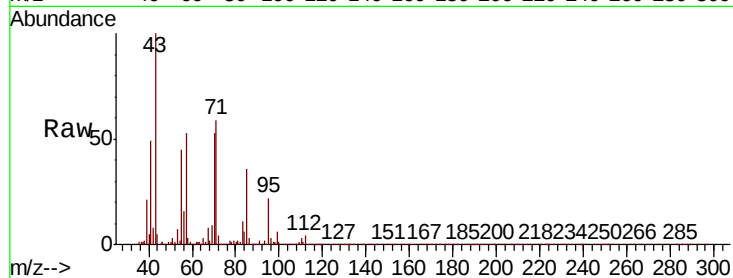




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.415 ug/l
 RT: 8.16 min Scan# 1193
 Delta R.T. -0.15 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

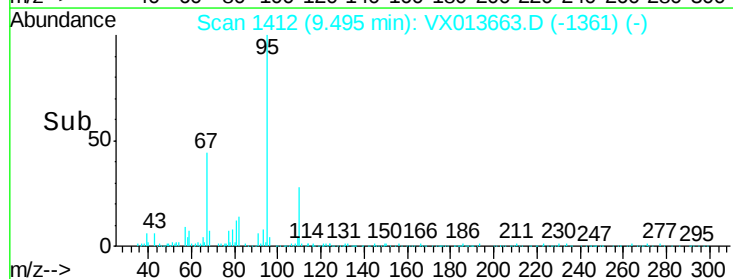
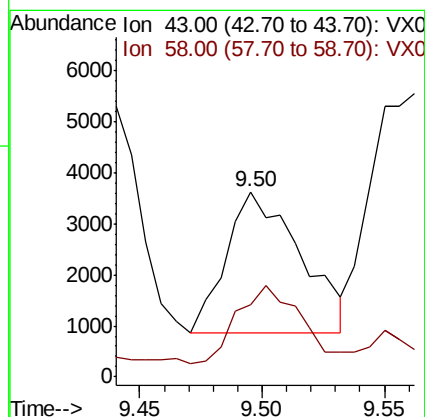
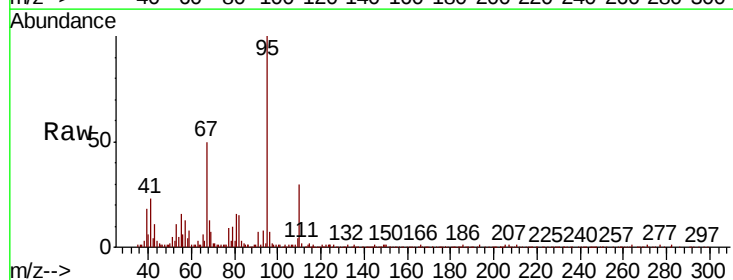
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

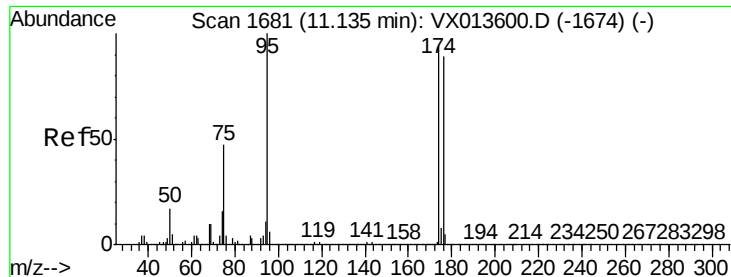
Tot Ion: 63 Resp: 1903
 Ion Ratio Lower Upper
 63 100
 106 25.1 23.4 35.0



#59
 2-Hexanone
 Concen: 0.675 ug/l
 RT: 9.50 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

Tgt Ion: 43 Resp: 5835
 Ion Ratio Lower Upper
 43 100
 58 49.8 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 49.293 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

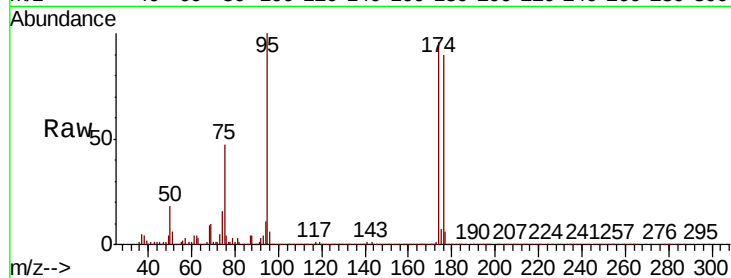
Tot Ion: 95 Resp: 450004

Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.0

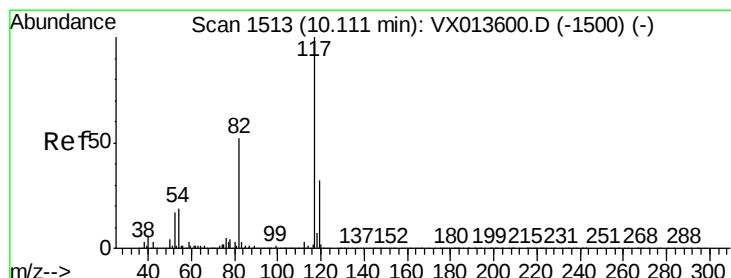
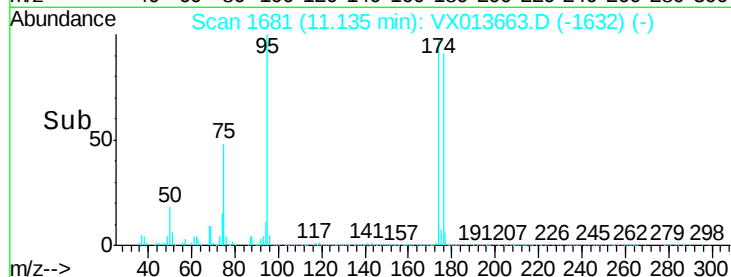
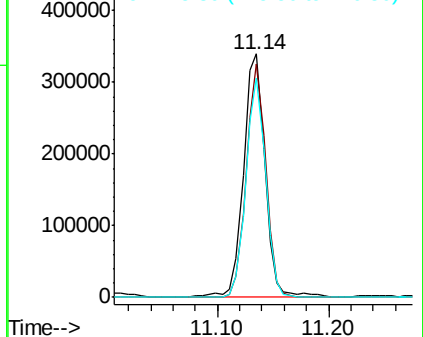
176 83.0 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

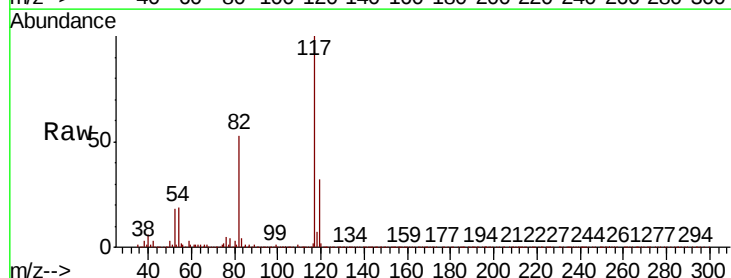
Tgt Ion: 117 Resp: 947950

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

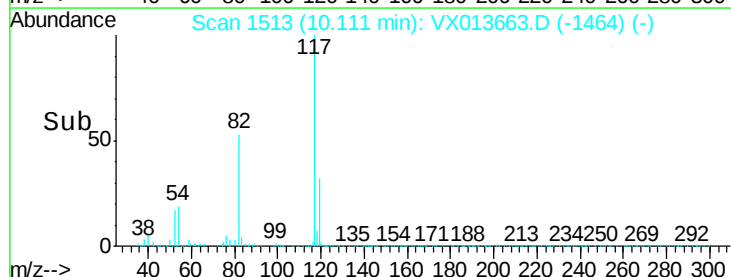
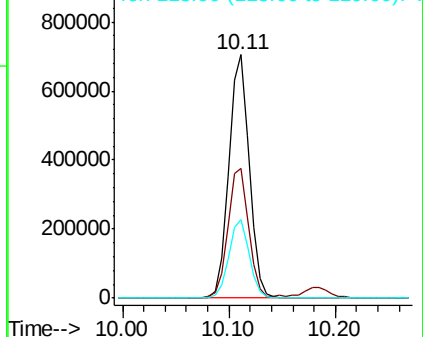
119 32.4 25.8 38.8

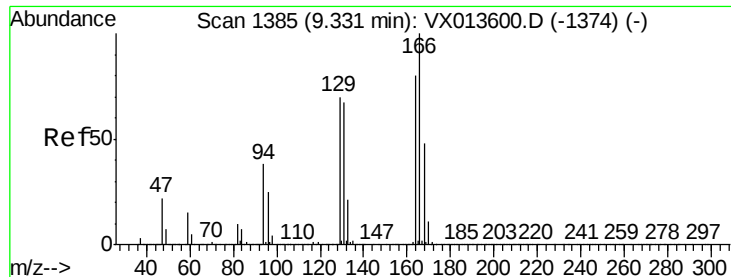


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.646 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:164 Resp: 11635

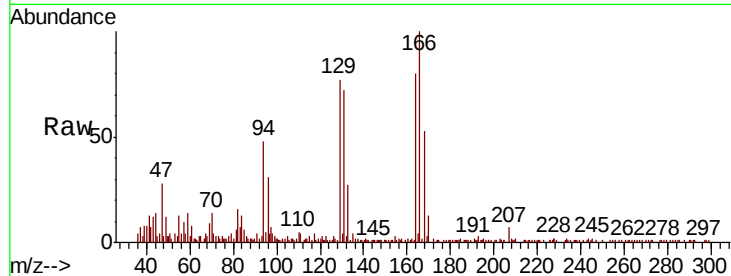
Ion Ratio Lower Upper

164 100

166 125.3 99.7 149.5

129 96.0 70.1 105.1

131 90.3 66.9 100.3

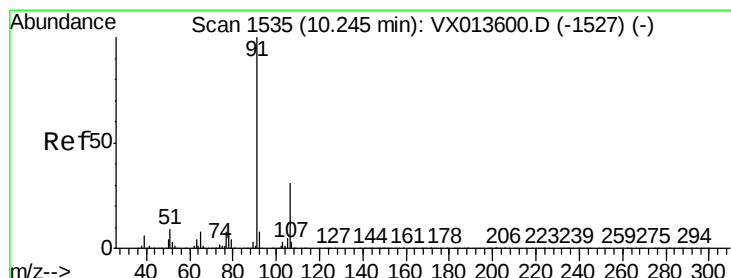
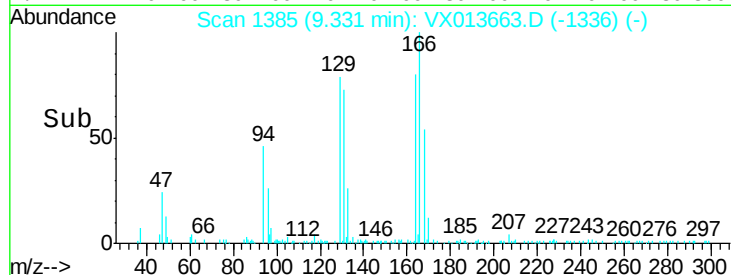
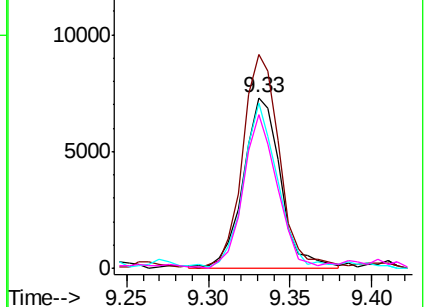


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 321.570 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013663.D

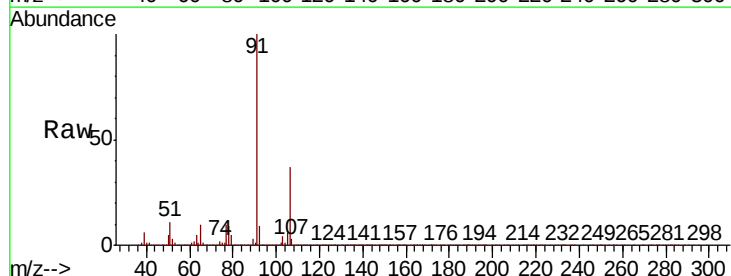
Acq: 27 Nov 2019 19:44

Tgt Ion: 91 Resp:10875586

Ion Ratio Lower Upper

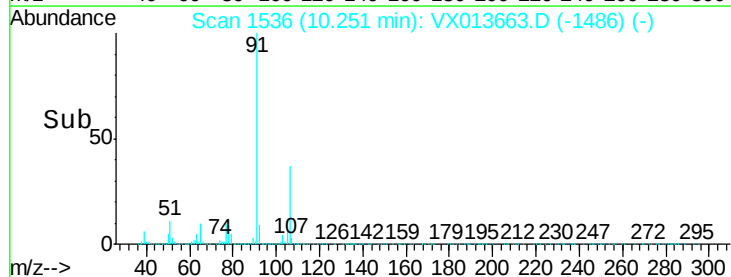
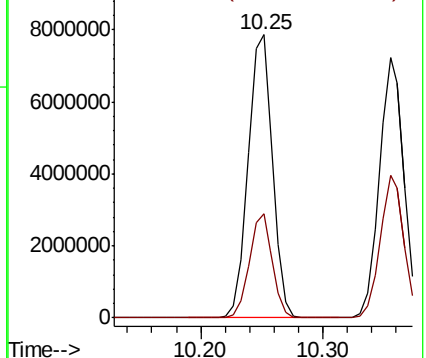
91 100

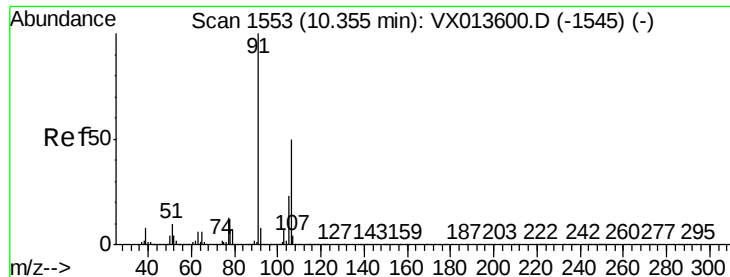
106 36.7 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

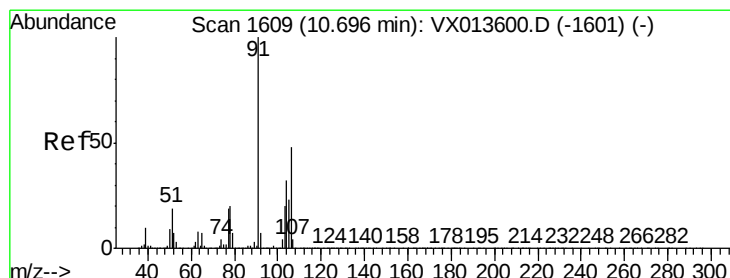
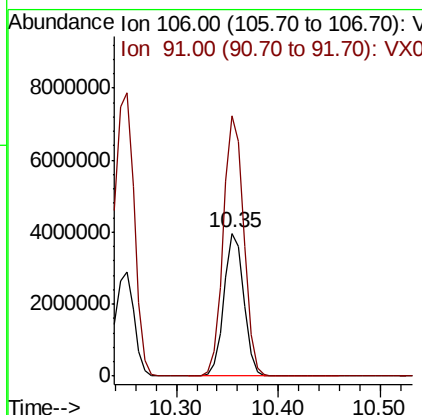
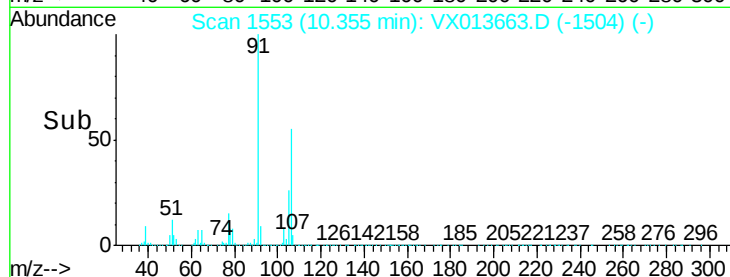
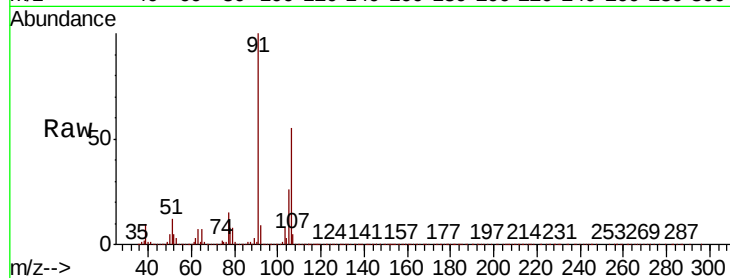




#68
m/p-Xvlenes
Concen: 411.993 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

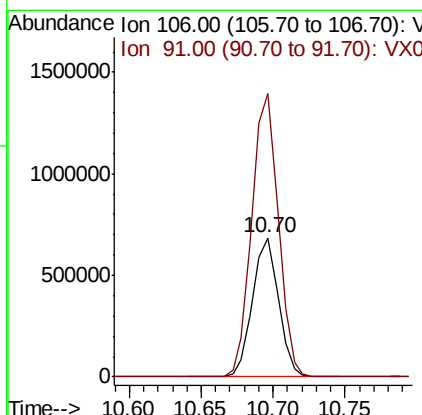
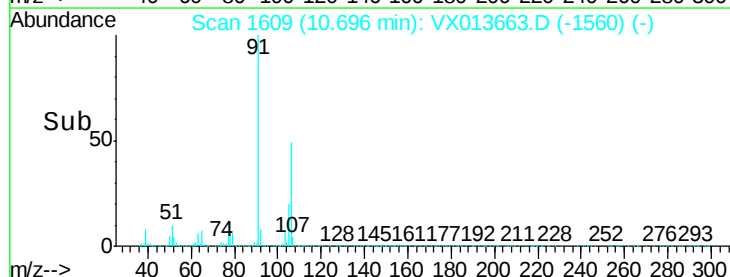
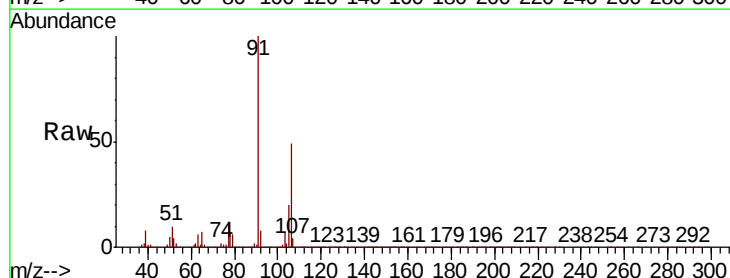
Instrument :
MSVOA_X
ClientSampleId :
MW-3

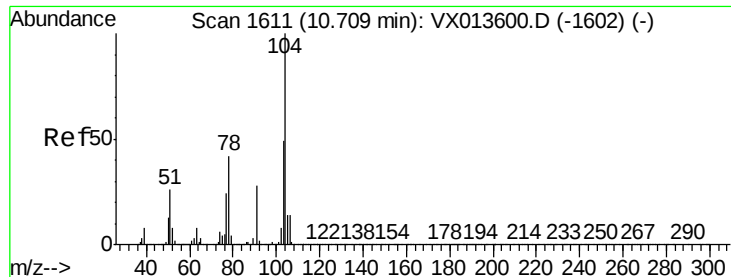
Tot Ion:106 Resp: 5334603
Ion Ratio Lower Upper
106 100
91 188.0 159.0 238.4



#69
o-Xylene
Concen: 67.392 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion:106 Resp: 851059
Ion Ratio Lower Upper
106 100
91 207.6 104.1 312.2

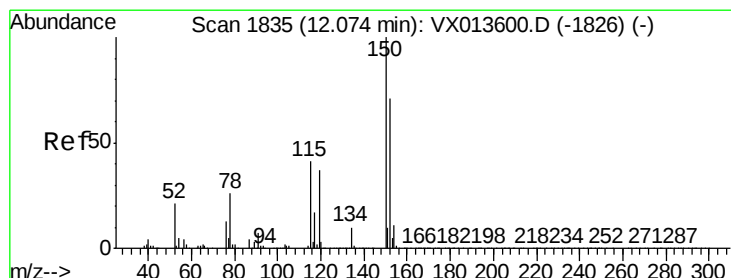
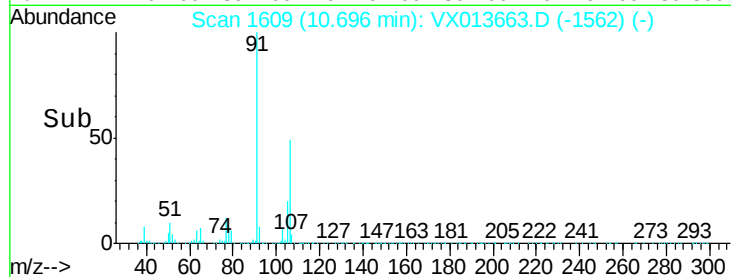
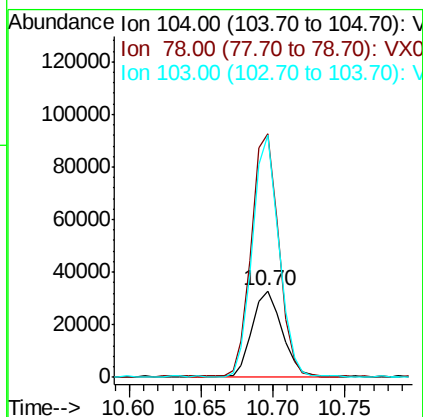
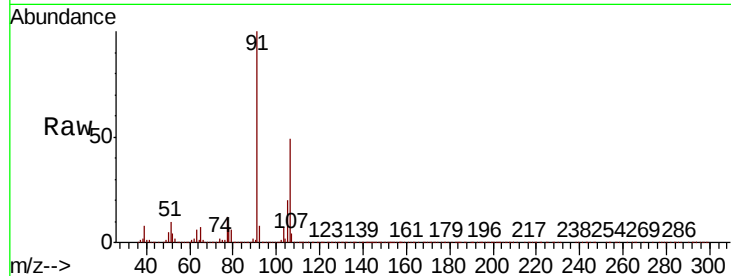




#70
Stvrene
Concen: 2.227 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

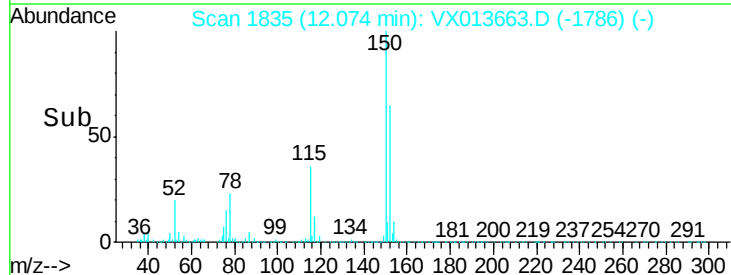
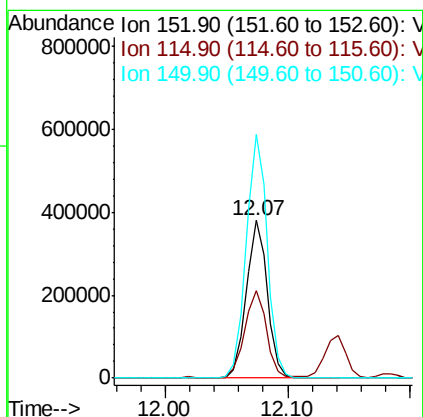
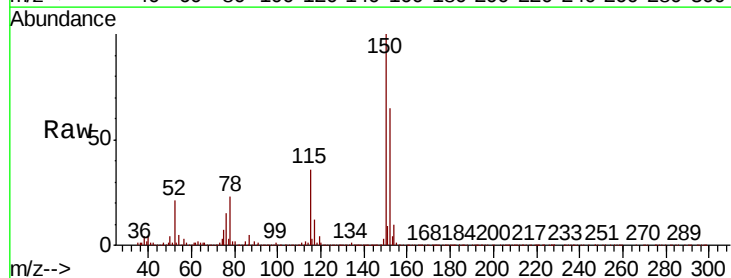
Instrument :
MSVOA_X
ClientSampleId :
MW-3

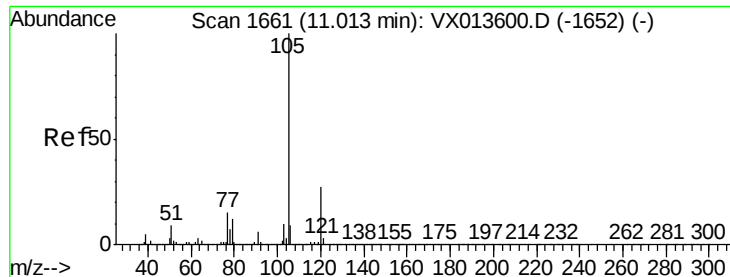
Tot Ion	Ratio	Lower	Upper
104	100		
78	255.0	38.5	57.7#
103	247.1	43.7	65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	38.4	115.1
150	155.5	0.0	346.8





#73

Isopropylbenzene

Concen: 24.098 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

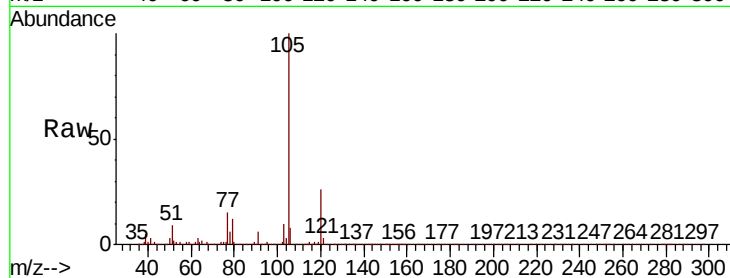
MW-3

Tot Ion:105 Resp: 760989

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

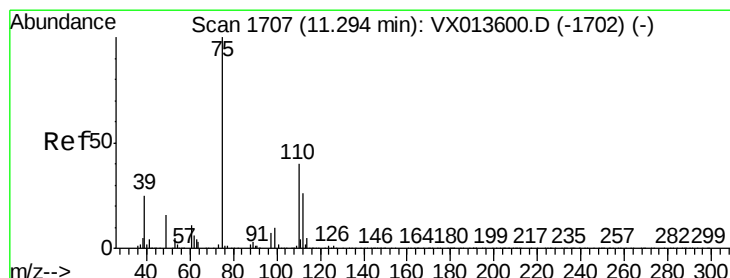
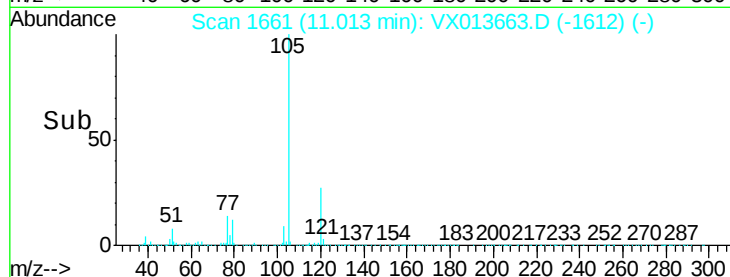
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#76

1,2,3-Trichloropropane

Concen: 1.174 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013663.D

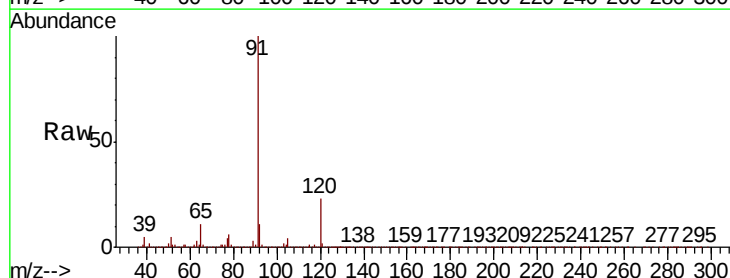
Acq: 27 Nov 2019 19:44

Tgt Ion: 75 Resp: 11892

Ion Ratio Lower Upper

75 100

77 670.2 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

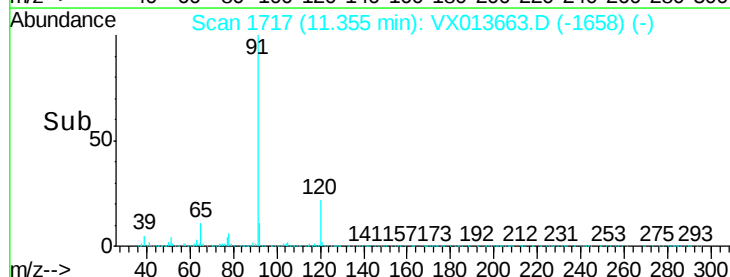
60000

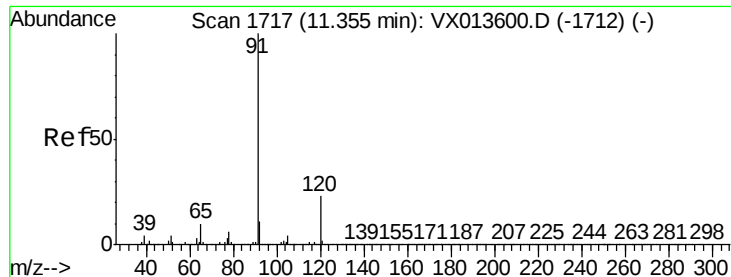
40000

20000

0

Time--> 11.30 11.35 11.40





#78

n-propylbenzene

Concen: 57.828 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

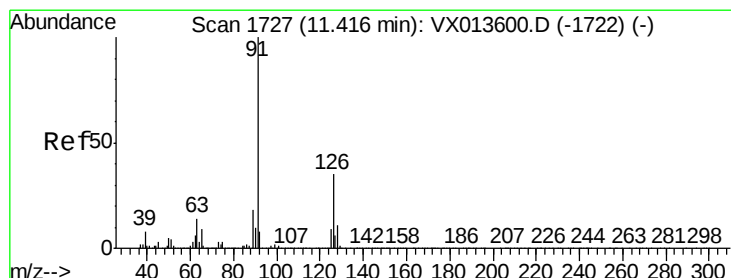
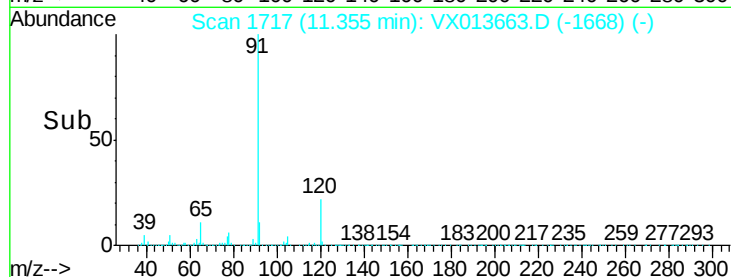
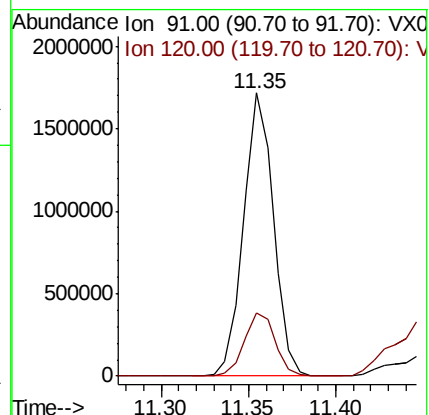
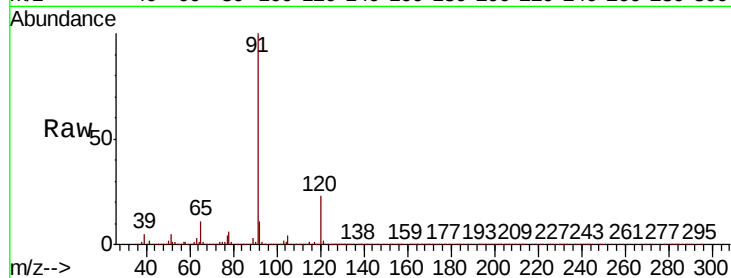
MW-3

Tot Ion: 91 Resp: 2038548

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.3



#79

2-Chlorotoluene

Concen: 10.723 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013663.D

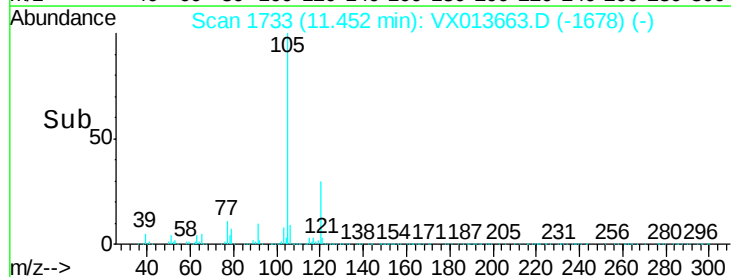
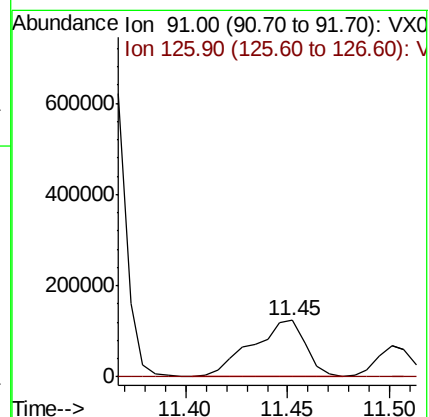
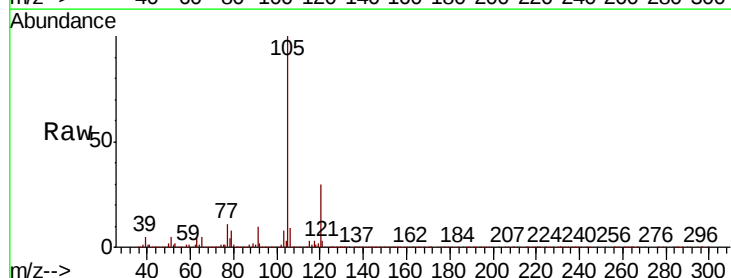
Acq: 27 Nov 2019 19:44

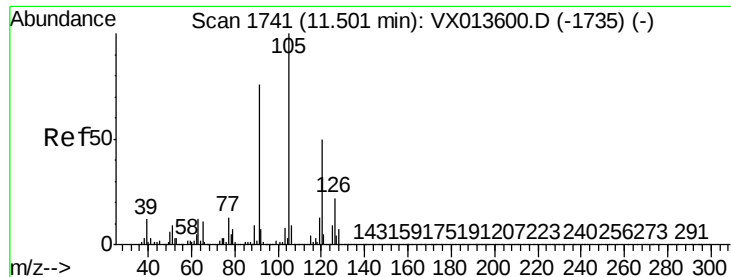
Tgt Ion: 91 Resp: 226746

Ion Ratio Lower Upper

91 100

126 0.5 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 31.665 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

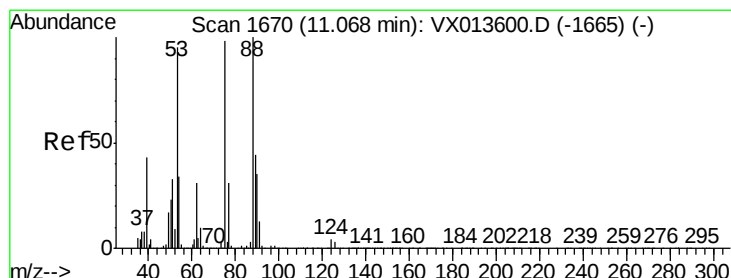
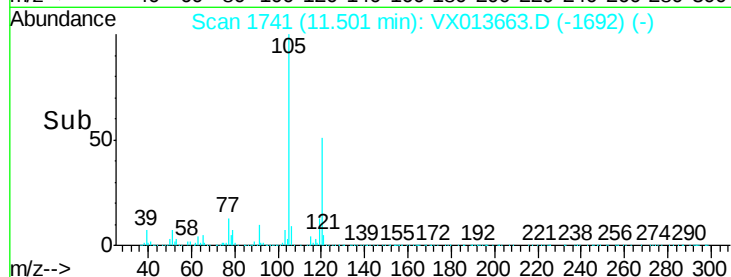
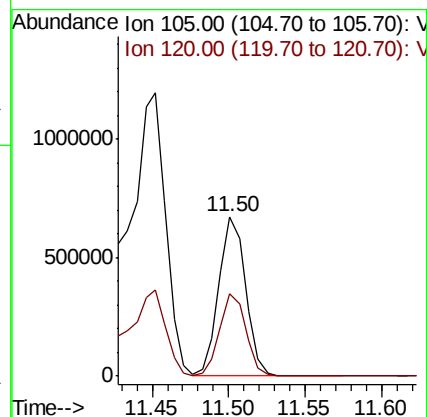
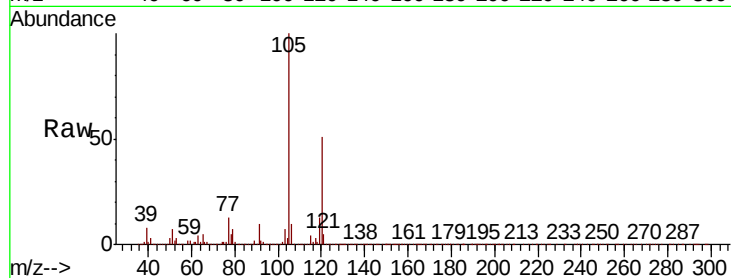
MW-3

Tot Ion:105 Resp: 819541

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 2.144 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

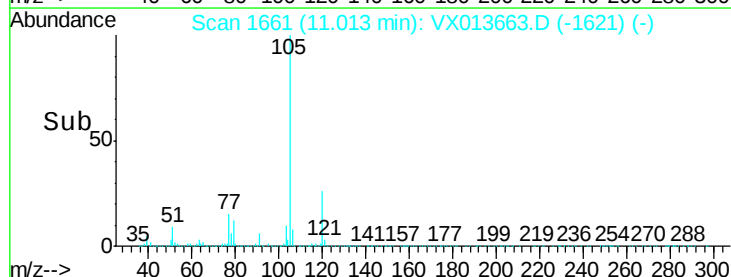
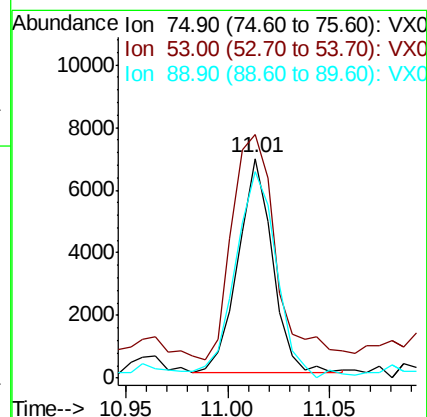
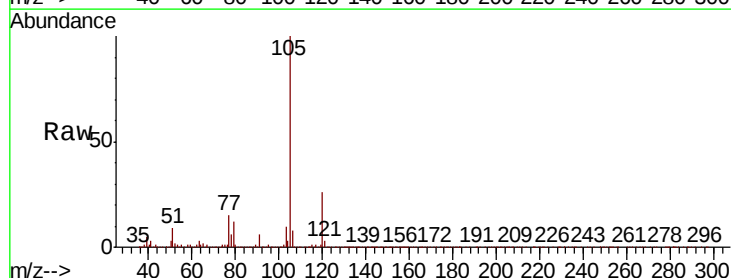
Tgt Ion: 75 Resp: 7937

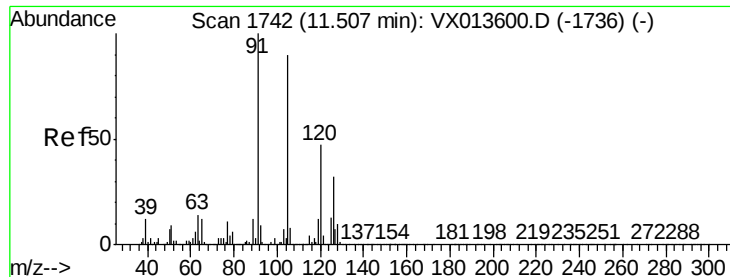
Ion Ratio Lower Upper

75 100

53 134.8 78.2 117.2#

89 117.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 3.369 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

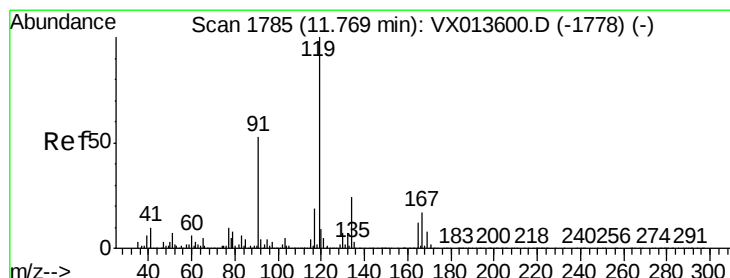
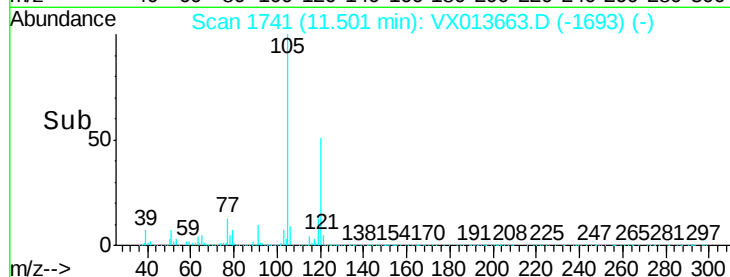
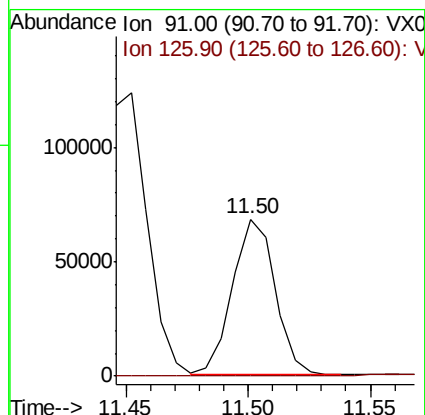
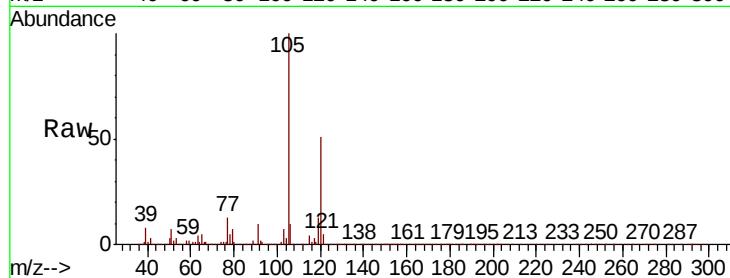
MW-3

Tot Ion: 91 Resp: 82515

Ion Ratio Lower Upper

91 100

126 1.1 15.7 47.0#



#83

tert-Butylbenzene

Concen: 56.186 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

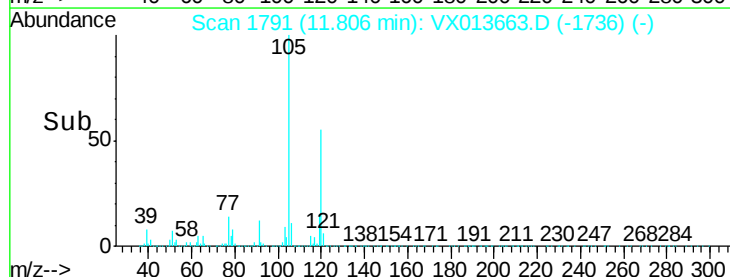
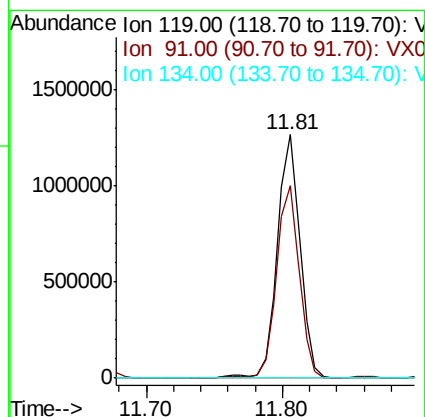
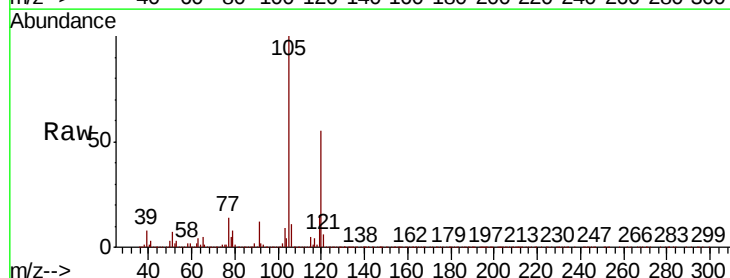
Tgt Ion: 119 Resp: 1477891

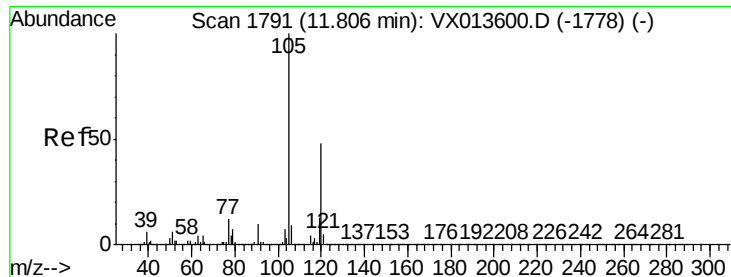
Ion Ratio Lower Upper

119 100

91 80.1 27.2 81.6

134 0.0 11.7 35.1#

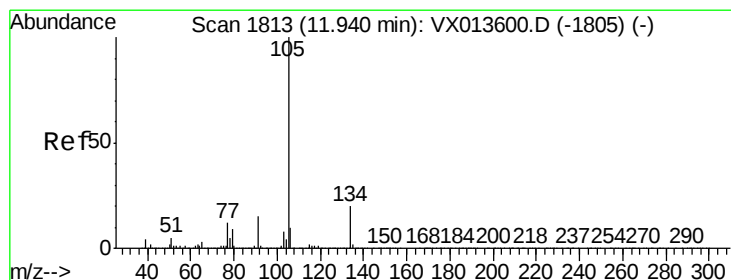
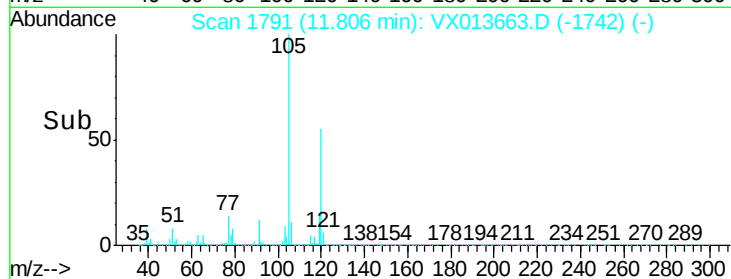
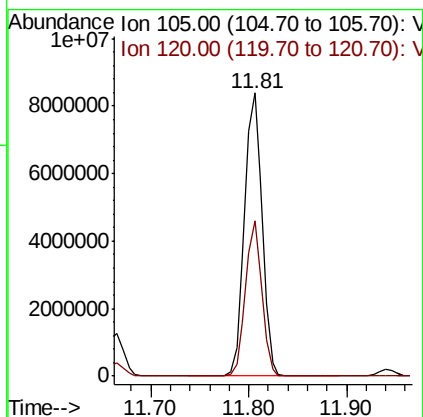
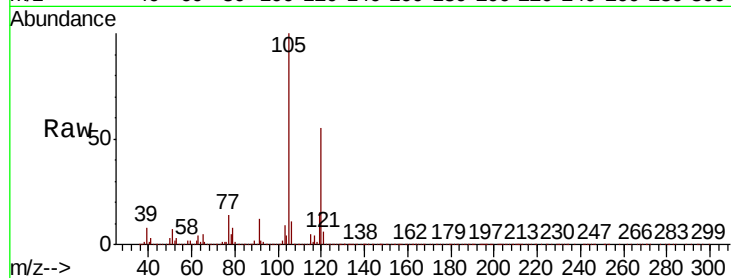




#84
 1,2,4-Trimethylbenzene
 Concen: 399.569 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

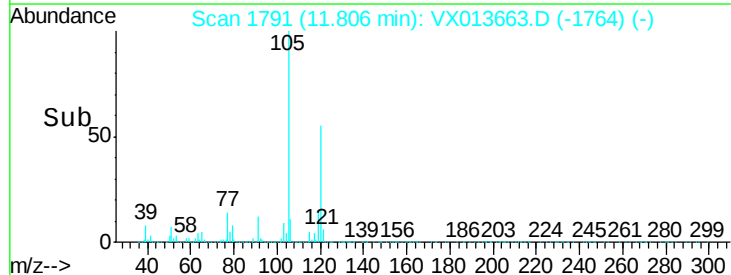
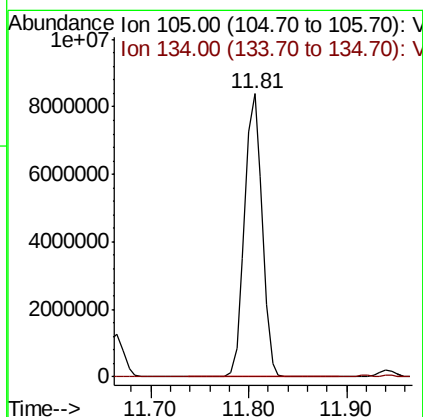
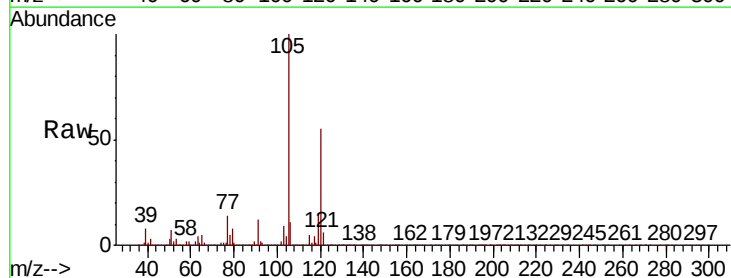
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

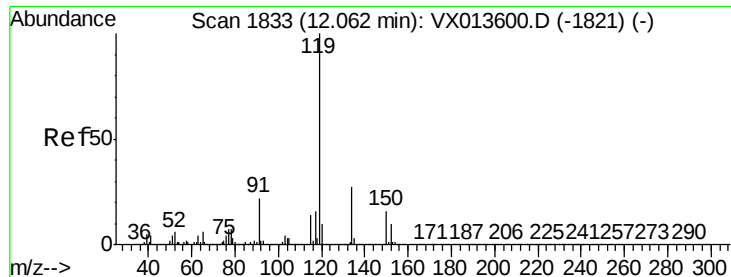
Tot Ion:105 Resp:10495721
 Ion Ratio Lower Upper
 105 100
 120 51.2 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 349.339 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX013663.D
 Acq: 27 Nov 2019 19:44

Tgt Ion:105 Resp:10495721
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

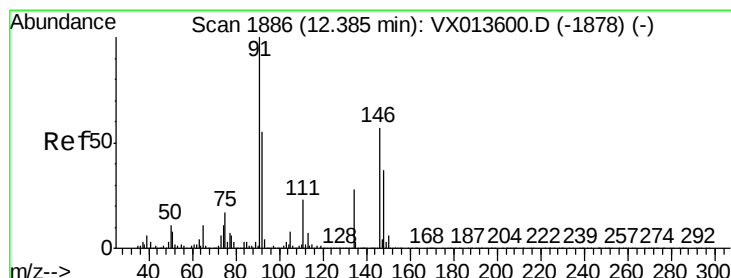
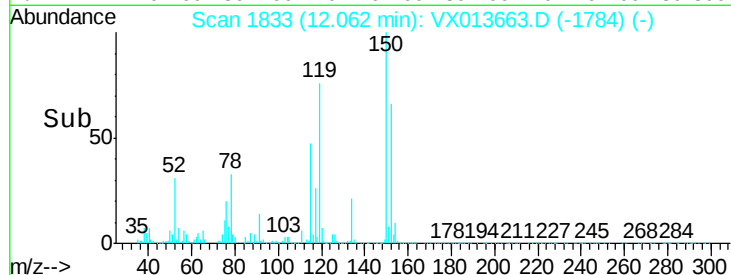
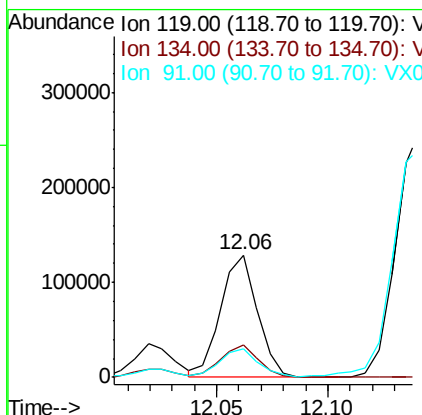
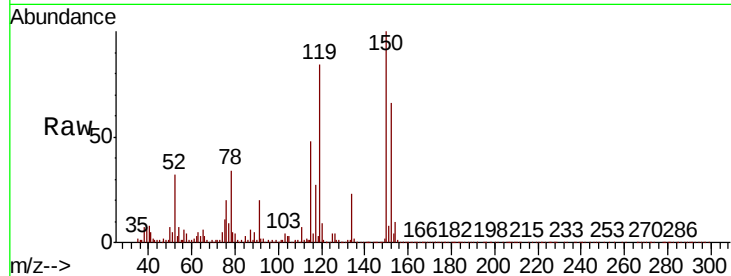




#86
p-Isopropyltoluene
Concen: 5.288 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

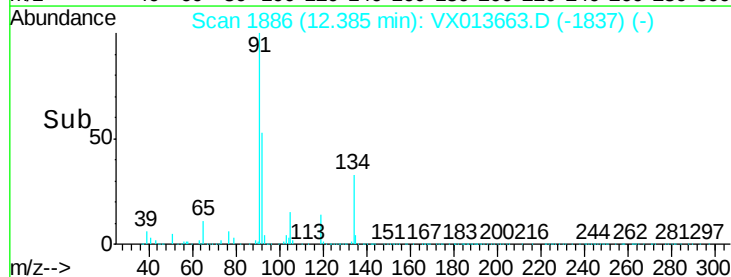
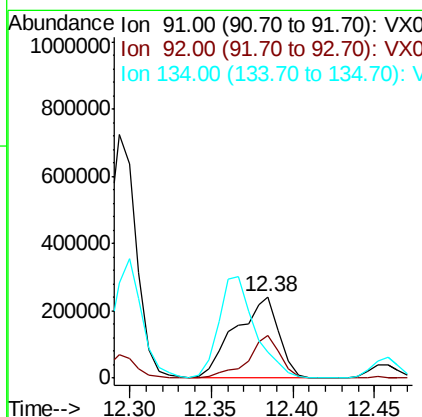
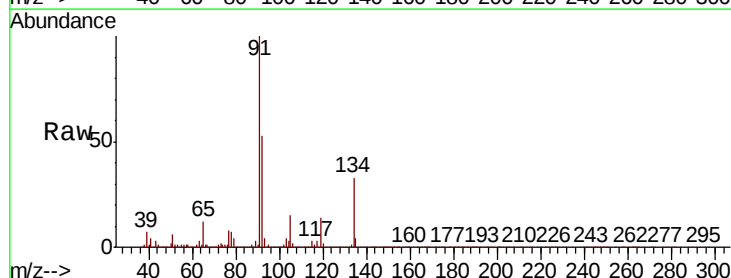
Instrument :
MSVOA_X
ClientSampled :
MW-3

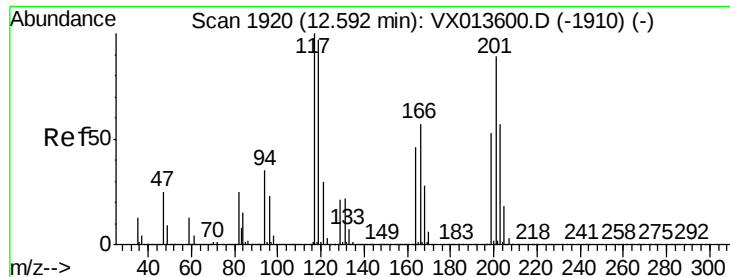
Tot Ion:119 Resp: 147801
Ion Ratio Lower Upper
119 100
134 27.2 13.3 39.9
91 0.0 11.3 33.8#



#89
n-Butylbenzene
Concen: 18.751 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Tgt Ion: 91 Resp: 446997
Ion Ratio Lower Upper
91 100
92 38.9 27.4 82.2
134 104.4 13.5 40.4#





#90

Hexachloroethane

Concen: 39.009 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

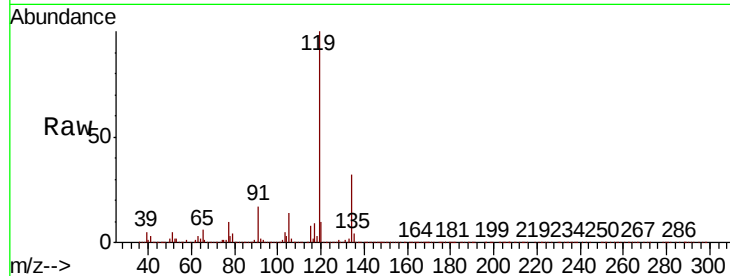
MW-3

Tot Ion:117 Resp: 197078

Ion Ratio Lower Upper

117 100

201 0.1 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

200000

150000

100000

50000

0

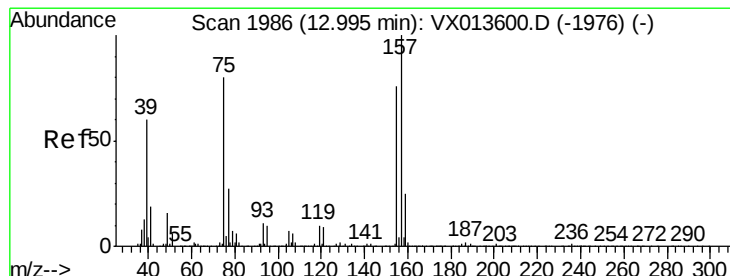
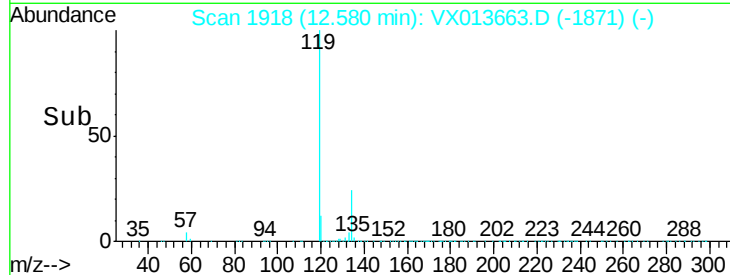
12.58

12.55

12.60

12.65

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.882 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX013663.D

Acq: 27 Nov 2019 19:44

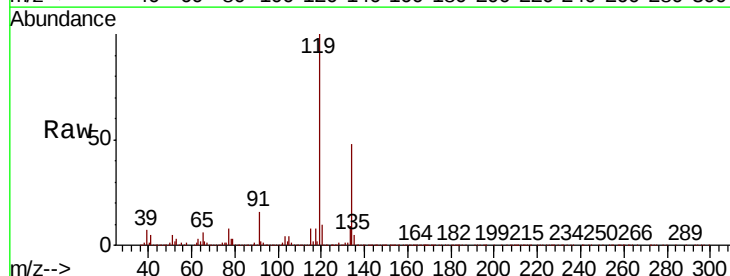
Tgt Ion: 75 Resp: 14028

Ion Ratio Lower Upper

75 100

155 1.7 47.6 142.8#

157 1.6 62.1 186.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

15000

10000

5000

0

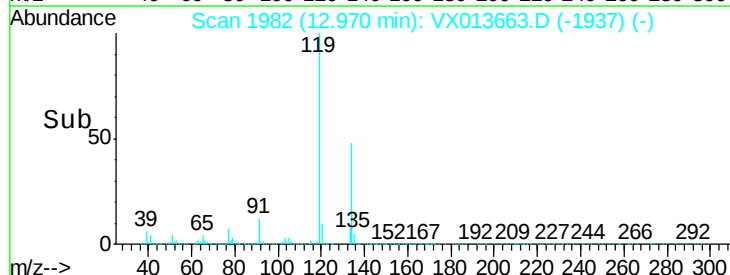
12.97

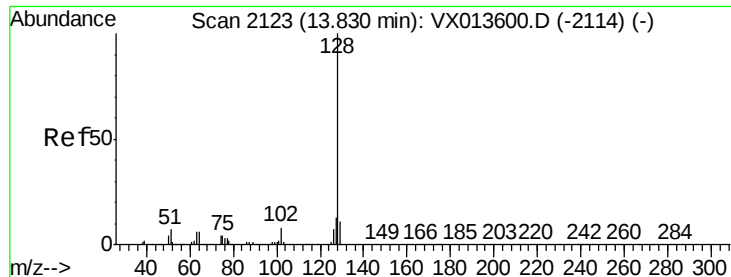
12.90

12.95

13.00

Time-->





#95
Naphthalene
Concen: 134.482 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013663.D
Acq: 27 Nov 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:128 Resp: 4101126
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.7 13.1

