

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008402.D
 Acq On : 24 Mar 2019 19:11
 Operator : JC/SP
 Sample : K2059-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 25 05:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148766	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	160232	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	5.49	113	121849	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	494631	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	177889	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	60316	15.867	ug/l #	42
11) Tert butyl alcohol	3.04	59	1836	2.386	ug/l #	73
13) Acrolein	2.26	56	19783	30.084	ug/l #	1
14) Allyl chloride	2.84	41	126656	22.191	ug/l #	75
15) Acrylonitrile	3.17	53	16851	8.551	ug/l #	39
16) Acetone	2.39	43	62962	36.460	ug/l #	51
18) Methyl Acetate	2.84	43	296169	68.518	ug/l #	54
19) Methyl tert-butyl Ether	3.19	73	2619	0.282	ug/l #	1
20) Methylene Chloride	2.79	84	2560	0.823	ug/l #	17
23) Vinyl Acetate	3.82	43	9082	0.926	ug/l #	80
25) 2-Butanone	4.68	43	3246	1.142	ug/l	94
30) Chloroform	5.28	83	31175	6.103	ug/l #	25
31) Cyclohexane	5.59	56	238650	43.925	ug/l #	93
36) 1,1-Dichloropropene	5.66	75	19216	4.857	ug/l #	48
37) Ethyl Acetate	4.90	43	1604	0.300	ug/l #	1
38) Carbon Tetrachloride	5.67	117	22754	6.709	ug/l #	16
39) Methylcyclohexane	7.46	83	152425	31.429	ug/l #	85
40) Benzene	6.14	78	43437	3.605	ug/l	98
41) Methacrylonitrile	5.02	41	2038	0.698	ug/l #	15
43) Isopropyl Acetate	6.46	43	12171	1.460	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	2408	0.706	ug/l #	1
46) Dibromomethane	7.63	93	706	0.349	ug/l #	1
47) Bromodichloromethane	7.85	83	2789	0.722	ug/l #	69
48) Methyl methacrylate	7.73	41	20202	4.801	ug/l #	57
49) 1,4-Dioxane	7.62	88	19	0.224	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	1577	0.288	ug/l #	66
52) Toluene	8.79	92	66796	9.454	ug/l	97
55) 1,1,2-Trichloroethane	9.26	97	766	0.261	ug/l #	35
56) Ethyl methacrylate	9.16	69	6177	1.189	ug/l #	14
59) 2-Hexanone	9.62	43	9875	2.351	ug/l	77
67) Ethyl Benzene	10.25	91	1727782	130.389	ug/l	97
68) m/p-Xylenes	10.36	106	490005	102.919	ug/l	92
69) o-Xylene	10.70	106	8108	1.742	ug/l	94
73) Isopropylbenzene	11.02	105	1115357	95.003	ug/l	98

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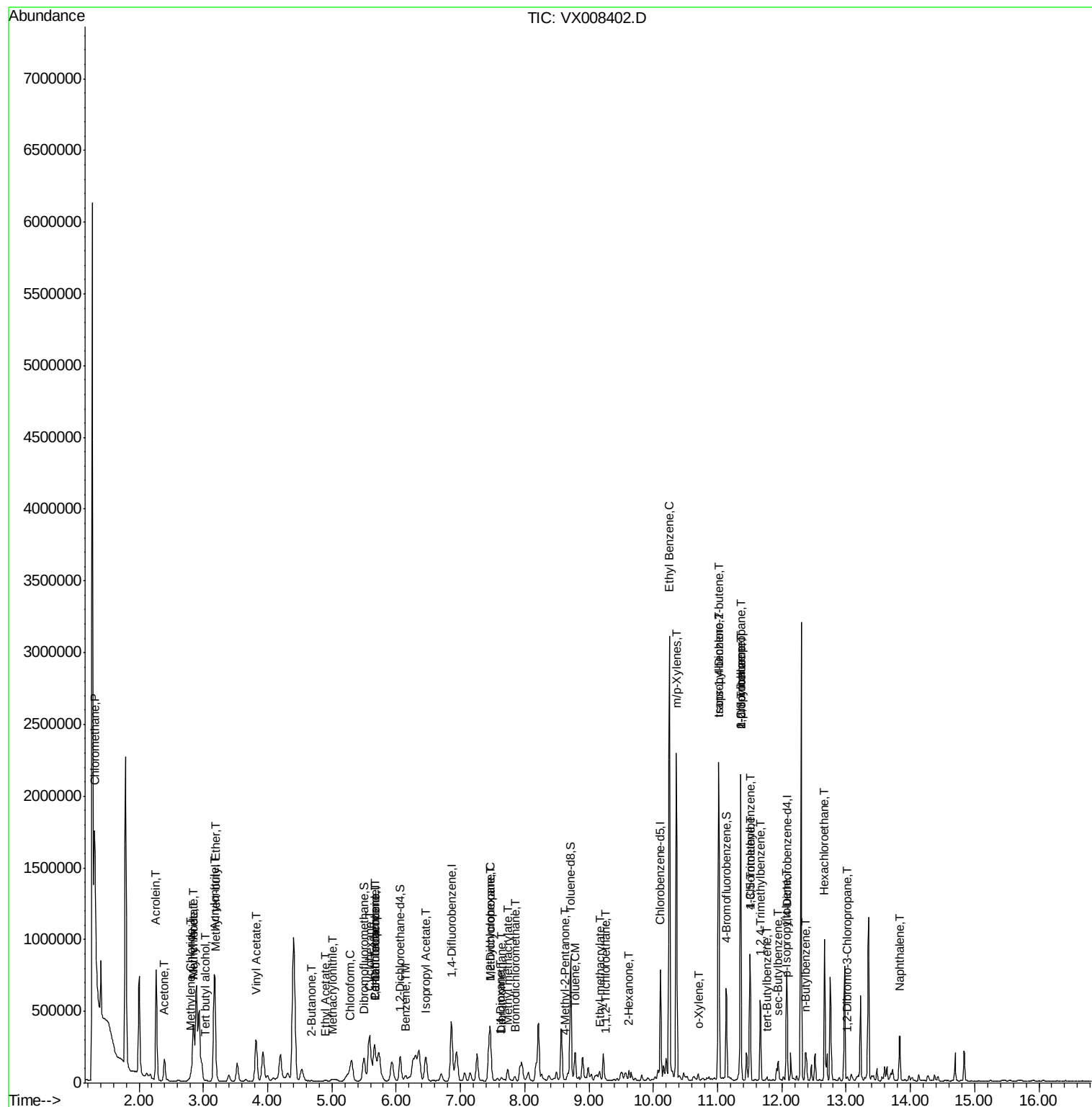
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	11.36	75	8143	2.091	ug/l	#	1
78) n-propylbenzene	11.36	91	1280654	93.069	ug/l		94
79) 2-Chlorotoluene	11.36	91	1280654	152.788	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.51	105	362765	36.323	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.02	75	13520	9.894	ug/l	#	55
82) 4-Chlorotoluene	11.51	91	38457	3.982	ug/l	#	44
83) tert-Butylbenzene	11.77	119	10309	1.084	ug/l		85
84) 1,2,4-Trimethylbenzene	11.66	105	269038	26.994	ug/l		76
85) sec-Butylbenzene	11.94	105	62808	5.510	ug/l		93
86) p-Isopropyltoluene	12.06	119	9556	0.951	ug/l	#	79
89) n-Butylbenzene	12.38	91	72238	7.532	ug/l	#	75
90) Hexachloroethane	12.66	117	40228	24.240	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	295	0.296	ug/l	#	1
95) Naphthalene	13.83	128	191037	15.965	ug/l		99

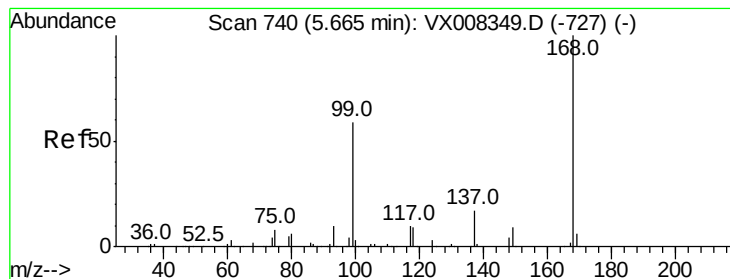
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

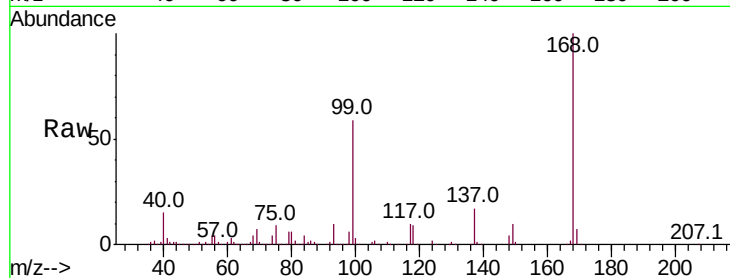
MW-4

Tot Ion:168 Resp: 226520

Ion Ratio Lower Upper

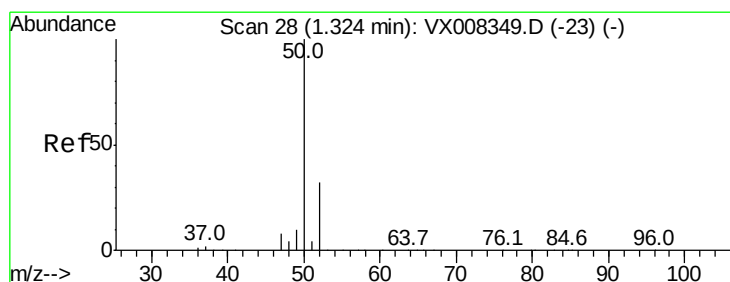
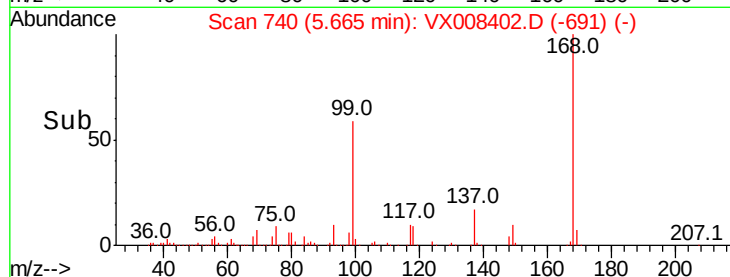
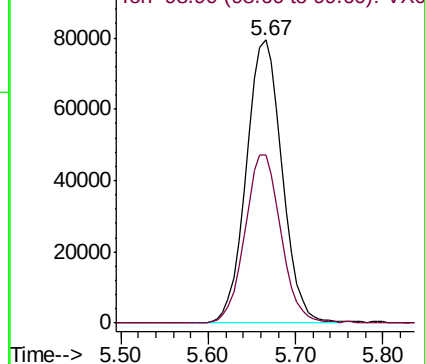
168 100

99 59.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 15.867 ug/l

RT: 1.31 min Scan# 25

Delta R.T. -0.02 min

Lab File: VX008402.D

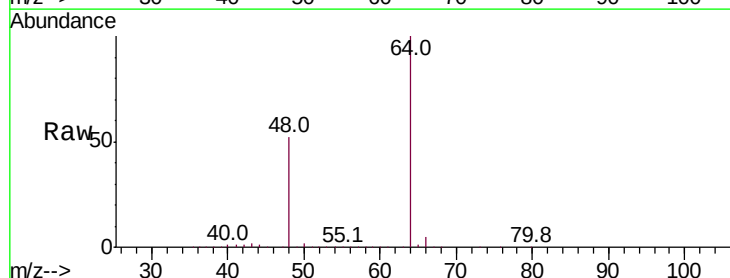
Acq: 24 Mar 2019 19:11

Tgt Ion: 50 Resp: 60316

Ion Ratio Lower Upper

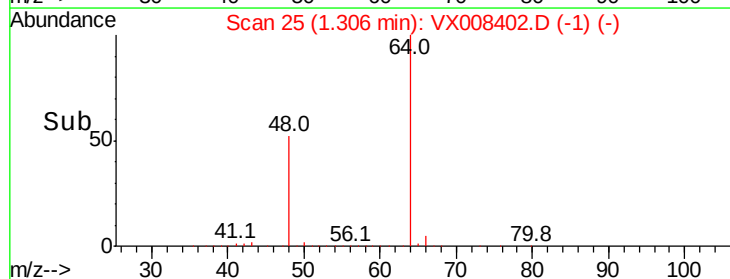
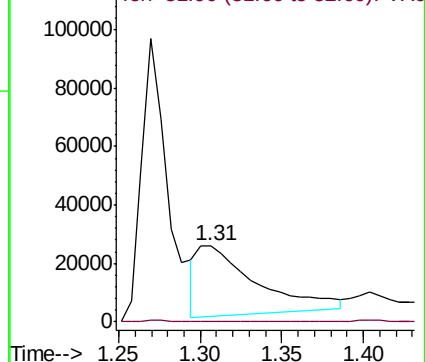
50 100

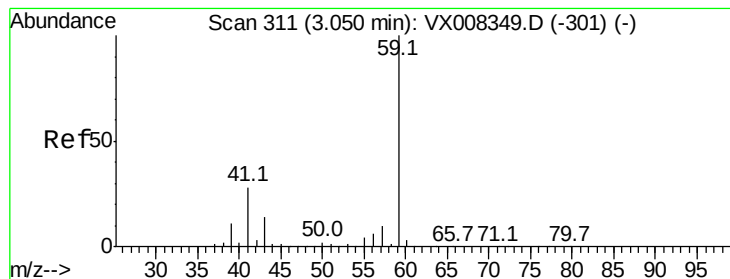
52 0.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



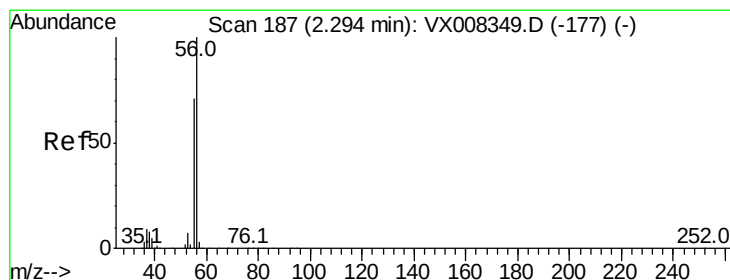
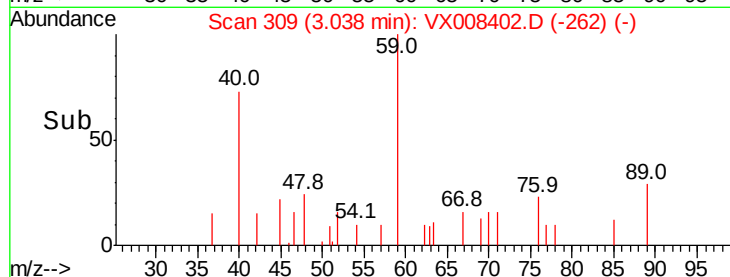
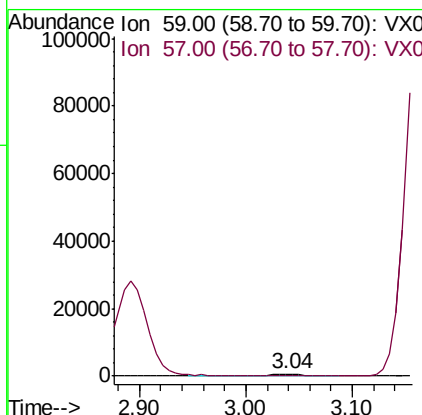
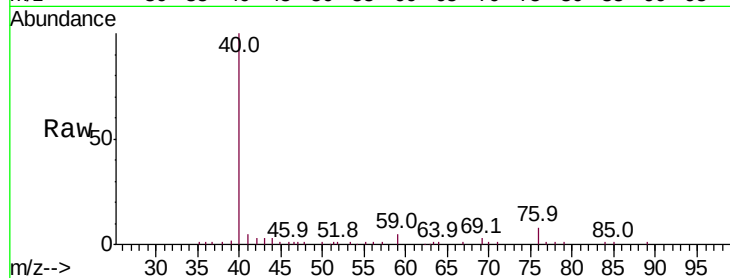


#11

Tert butyl alcohol
 Concen: 2.386 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

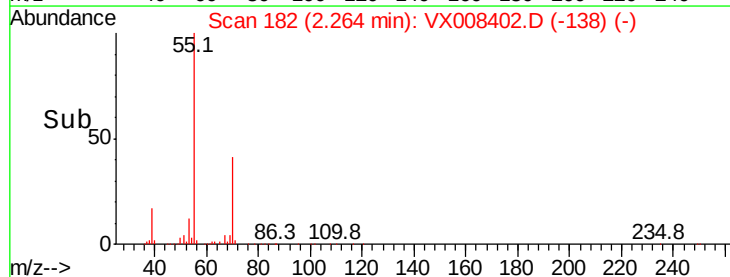
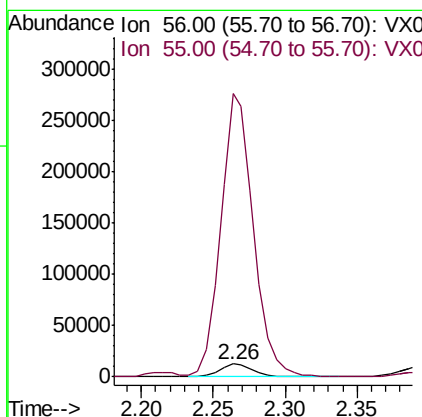
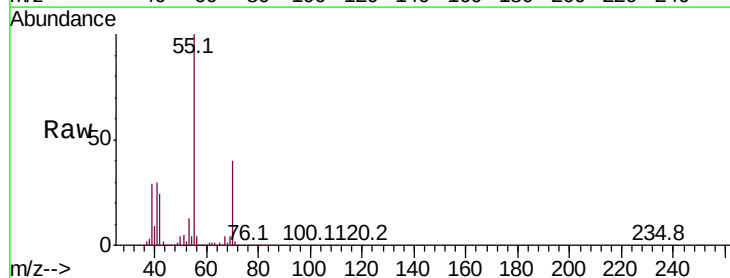
Tot Ion: 59 Resp: 1836
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

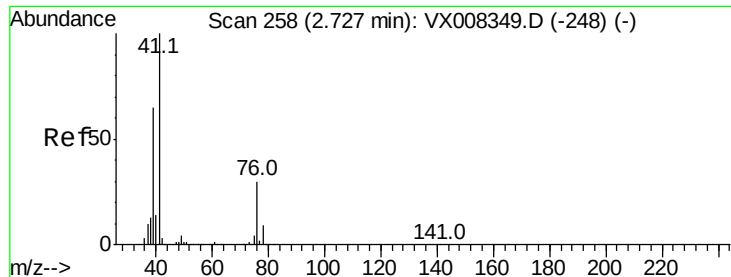


#13

Acrolein
 Concen: 30.084 ug/l
 RT: 2.26 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

Tgt Ion: 56 Resp: 19783
 Ion Ratio Lower Upper
 56 100
 55 2197.4 57.8 86.6#





#14

Allvl chloride

Concen: 22.191 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

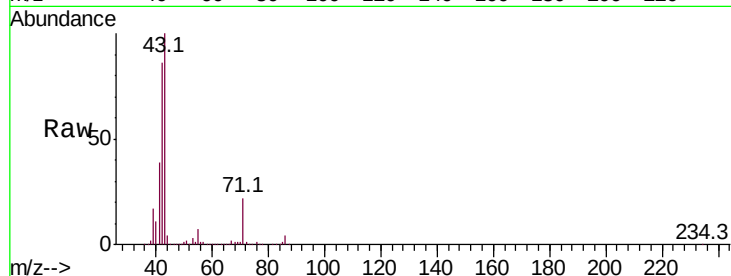
Tot Ion: 41 Resp: 126656

Ion Ratio Lower Upper

41 100

39 50.7 46.1 69.1

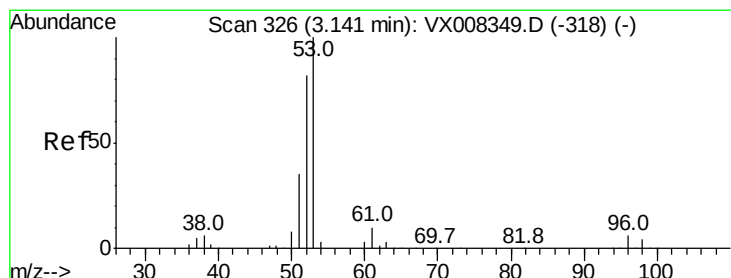
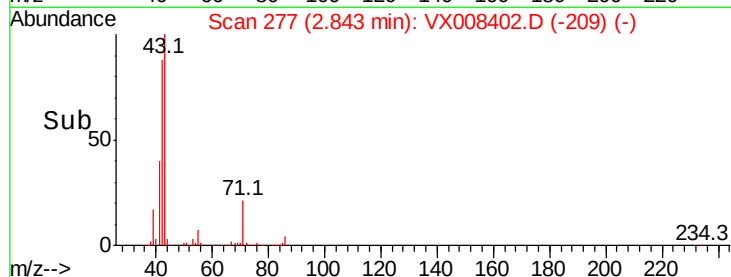
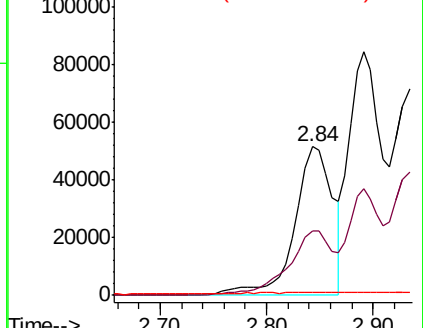
76 0.0 24.0 36.0#



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: 8.551 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

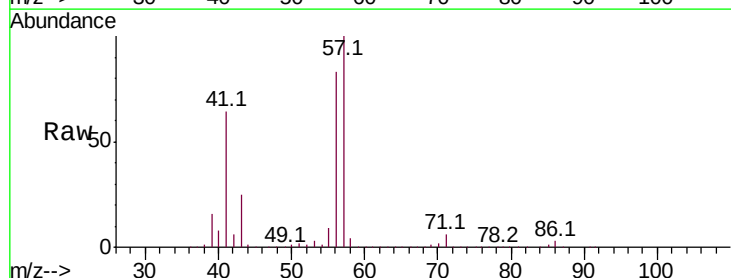
Tgt Ion: 53 Resp: 16851

Ion Ratio Lower Upper

53 100

52 21.1 66.0 99.0#

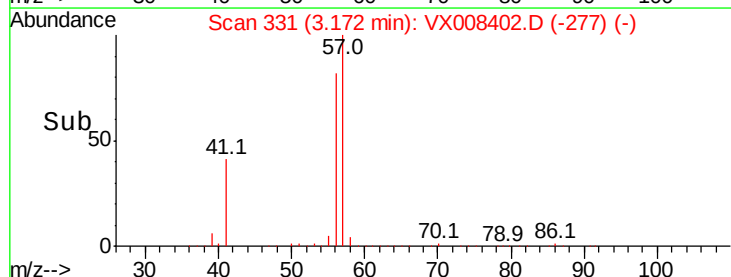
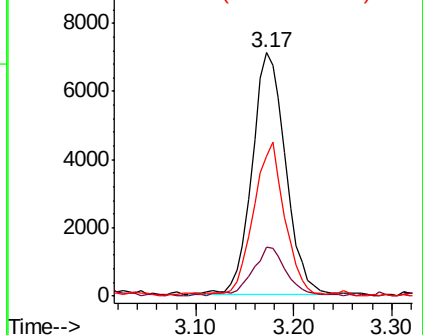
51 61.1 28.0 42.0#

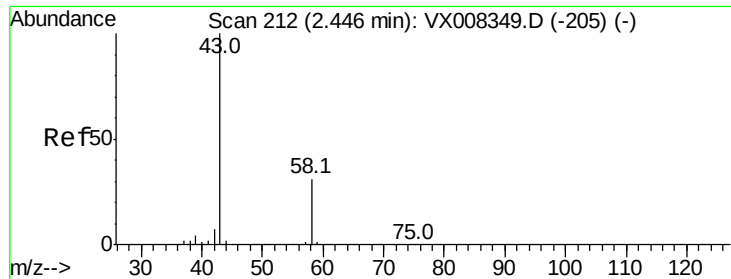


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 36.460 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

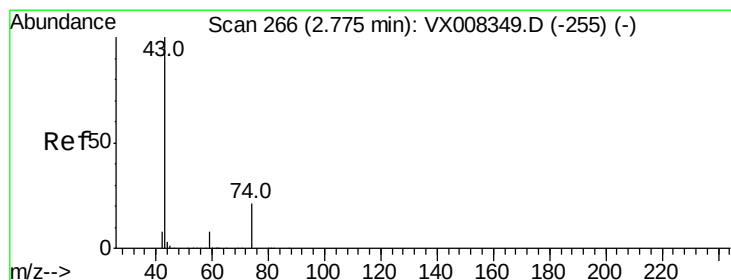
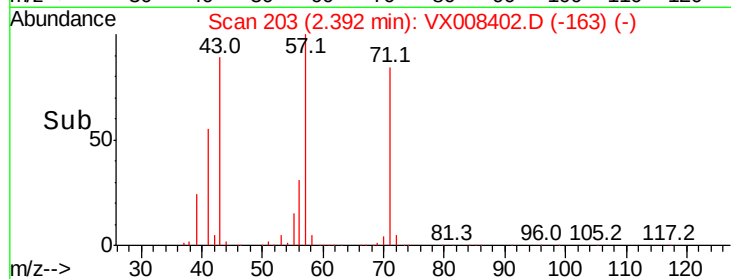
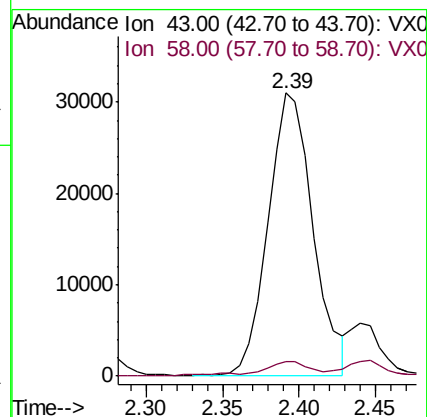
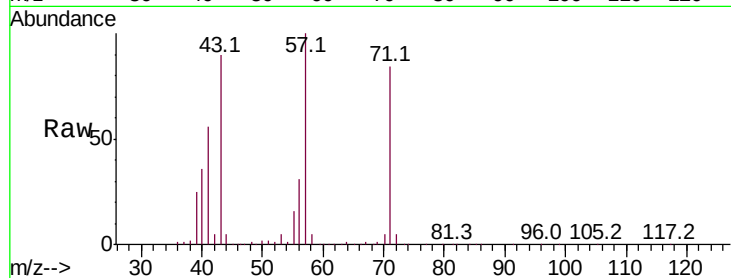
MW-4

Tot Ion: 43 Resp: 62962

Ion Ratio Lower Upper

43 100

58 4.7 25.5 38.3#



#18

Methyl Acetate

Concen: 68.518 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX008402.D

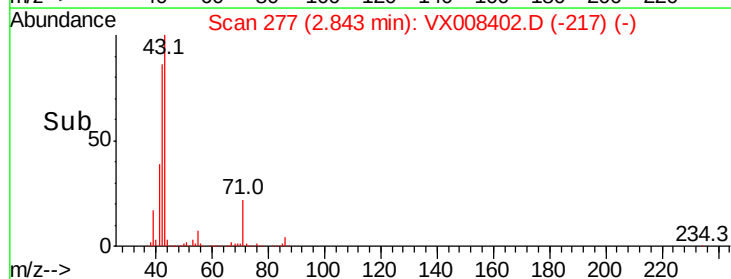
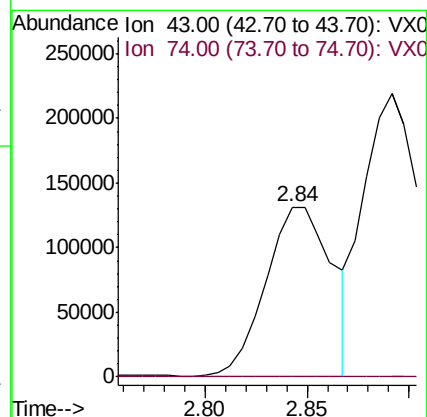
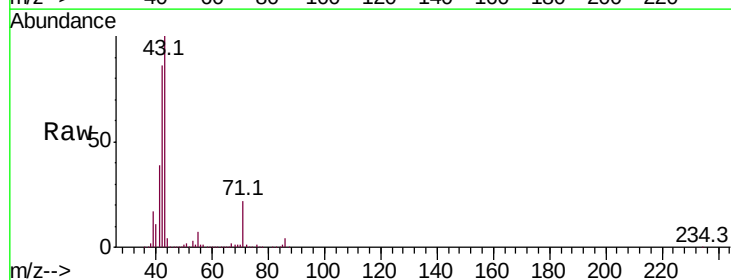
Acq: 24 Mar 2019 19:11

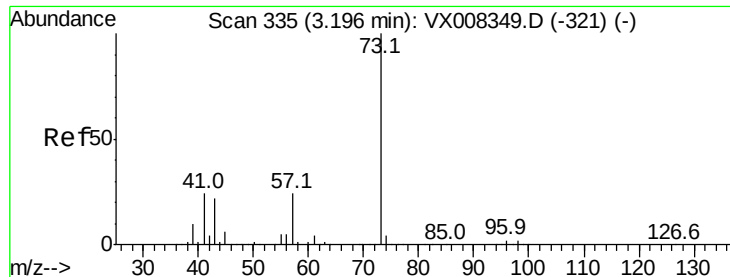
Tgt Ion: 43 Resp: 296169

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.6#

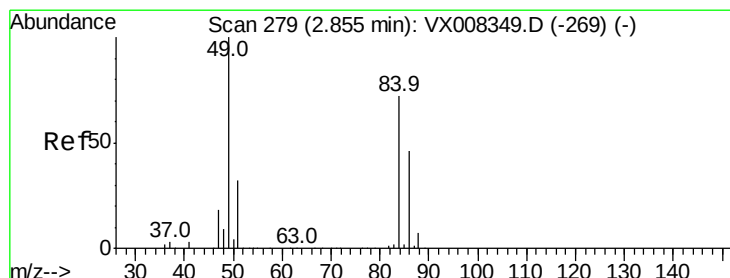
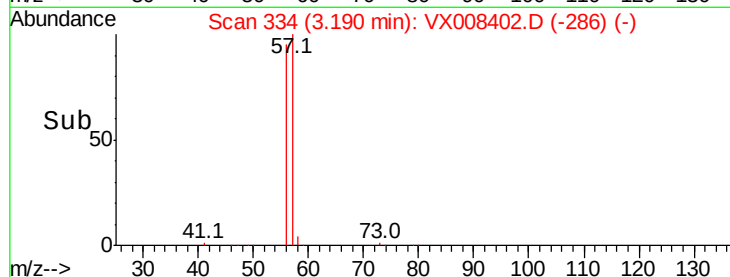
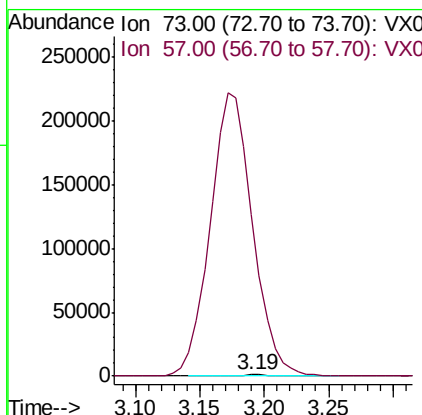
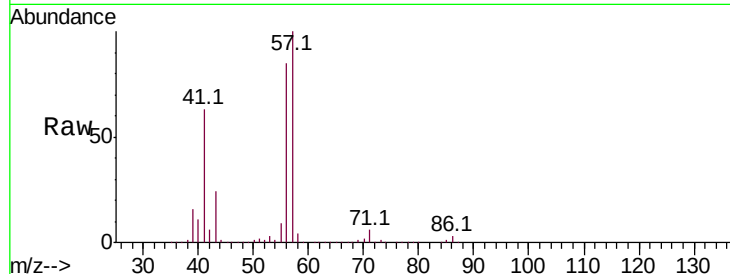




#19
Methyl tert-butyl Ether
Concen: 0.282 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

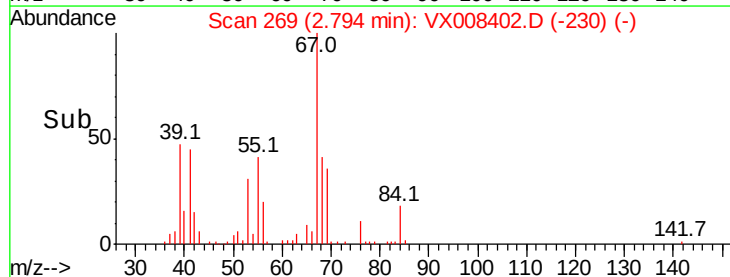
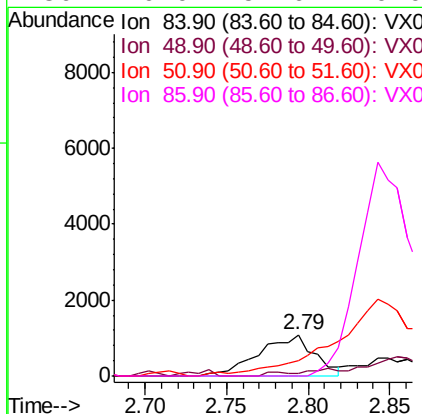
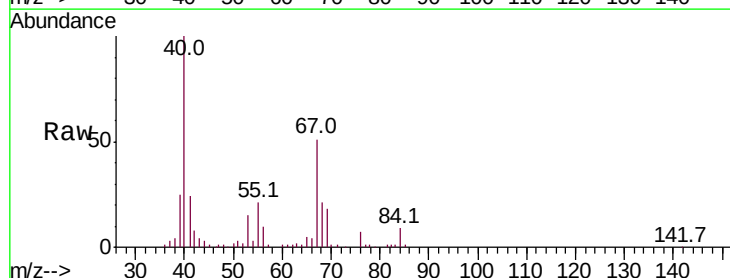
Instrument :
MSVOA_X
ClientSampled :
MW-4

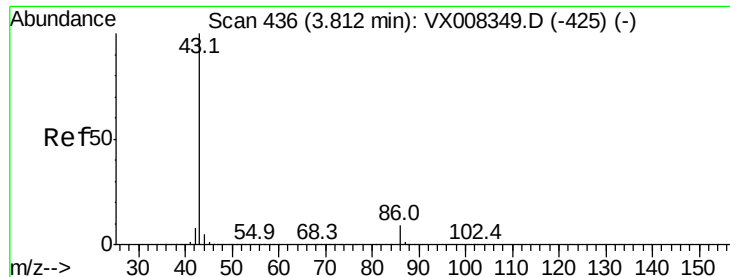
Tot Ion: 73 Resp: 2619
Ion Ratio Lower Upper
73 100
57 12295.7 18.2 27.4#



#20
Methylene Chloride
Concen: 0.823 ug/l
RT: 2.79 min Scan# 269
Delta R.T. -0.06 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 84 Resp: 2560
Ion Ratio Lower Upper
84 100
49 0.0 99.3 148.9#
51 38.1 31.3 46.9
86 0.0 52.6 79.0#





#23

Vinyl Acetate

Concen: 0.926 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

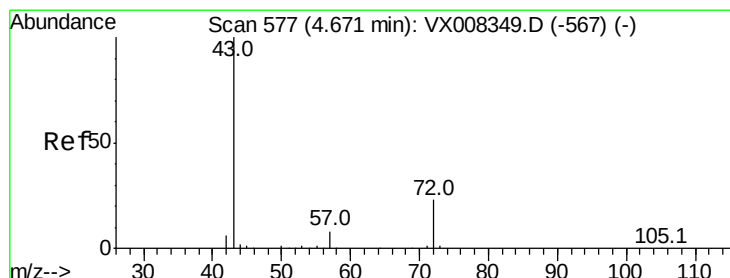
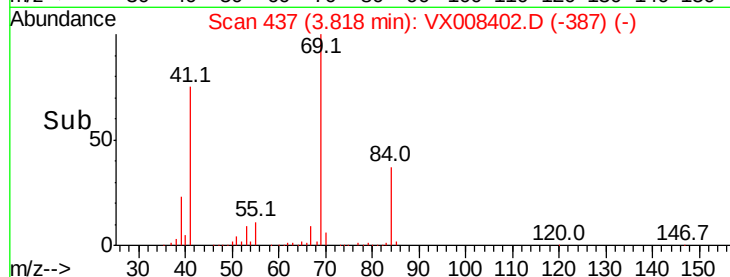
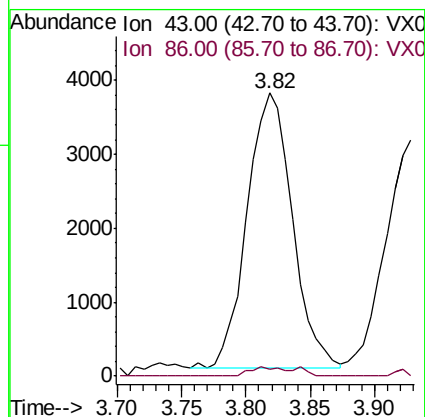
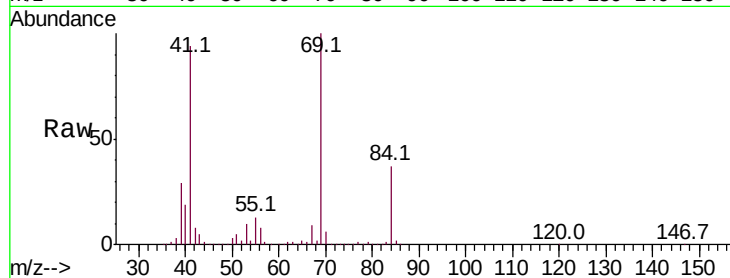
MW-4

Tot Ion: 43 Resp: 9082

Ion Ratio Lower Upper

43 100

86 2.6 7.9 11.9#



#25

2-Butanone

Concen: 1.142 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008402.D

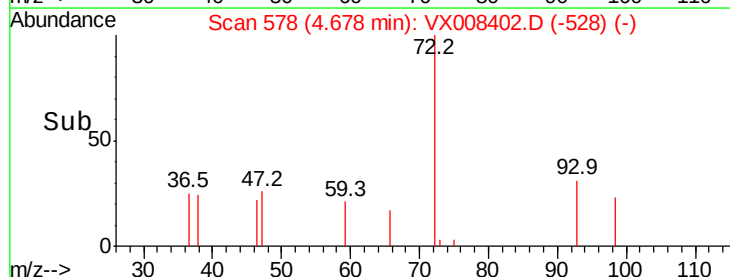
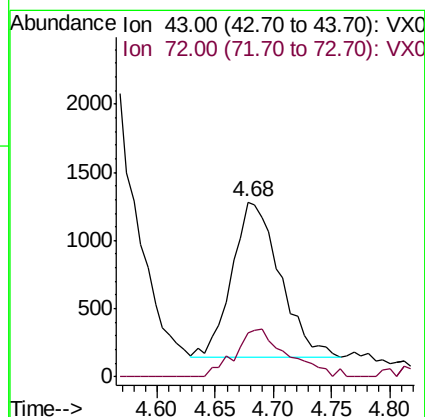
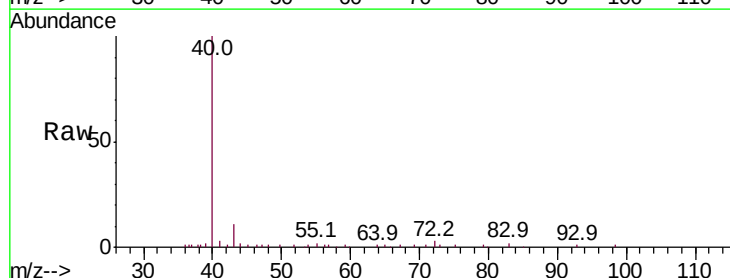
Acq: 24 Mar 2019 19:11

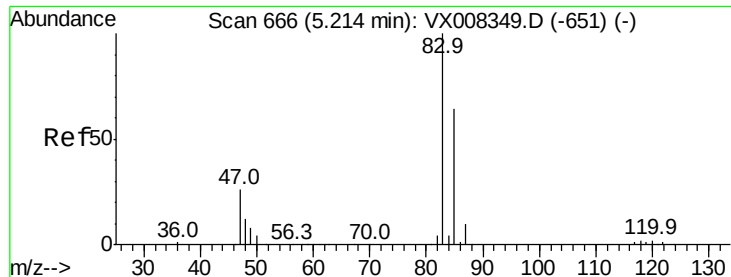
Tgt Ion: 43 Resp: 3246

Ion Ratio Lower Upper

43 100

72 28.1 19.9 29.9

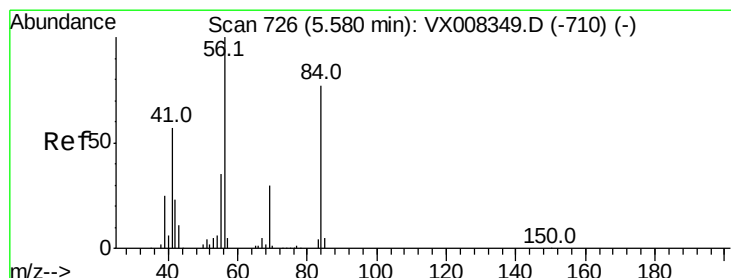
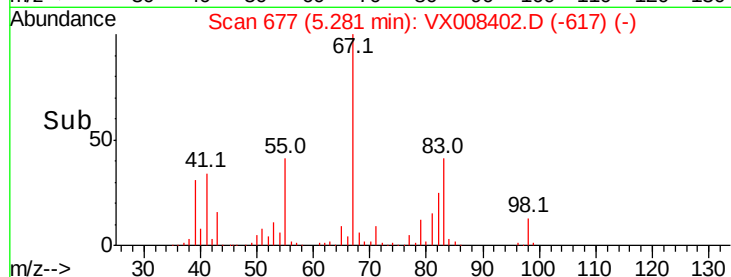
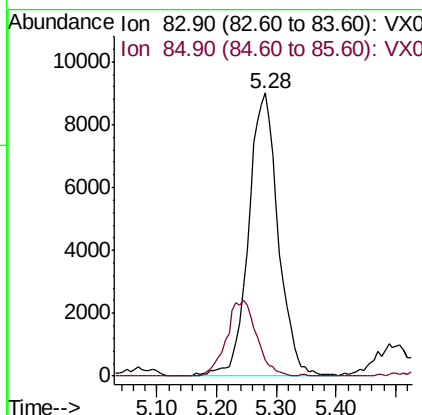
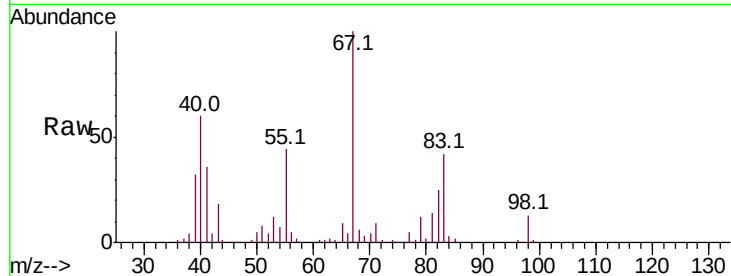




#30
Chloroform
Concen: 6.103 ug/l
RT: 5.28 min Scan# 677
Delta R.T. 0.07 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

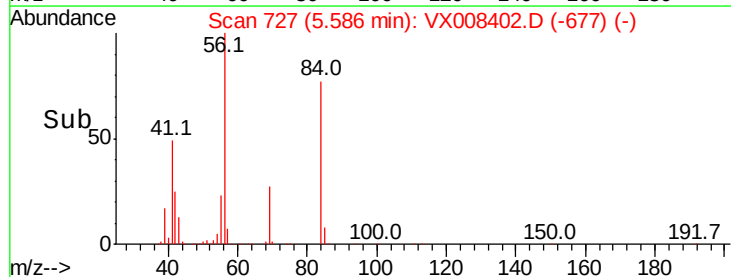
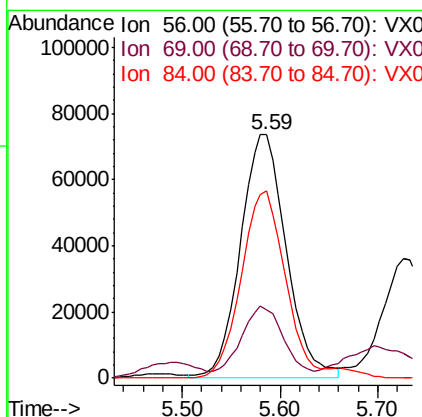
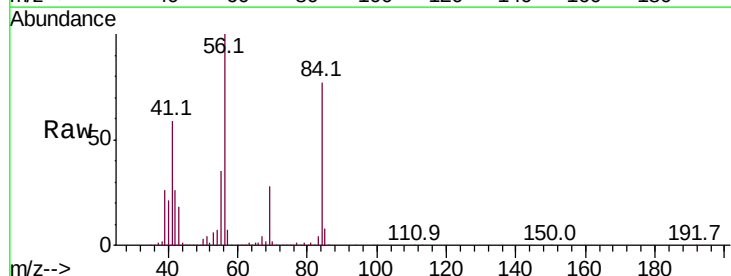
Instrument :
MSVOA_X
ClientSampled :
MW-4

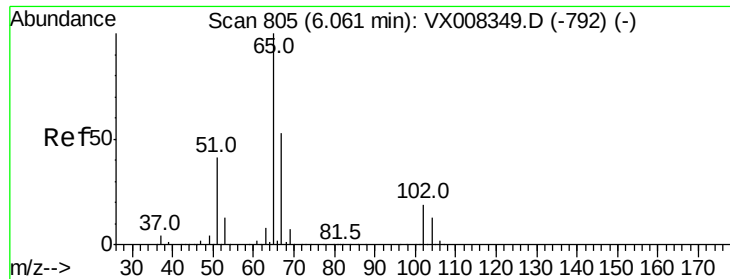
Tot Ion: 83 Resp: 31175
Ion Ratio Lower Upper
83 100
85 5.5 51.8 77.6#



#31
Cyclohexane
Concen: 43.925 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 56 Resp: 238650
Ion Ratio Lower Upper
56 100
69 22.9 24.0 36.0#
84 77.6 65.3 97.9

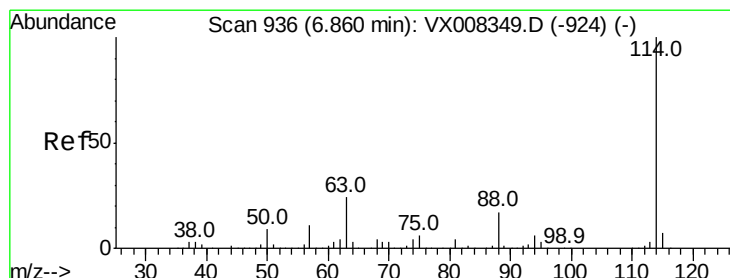
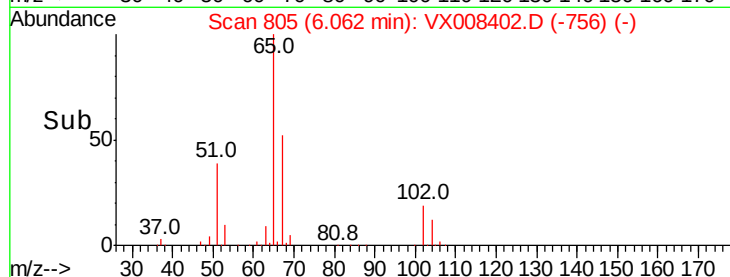
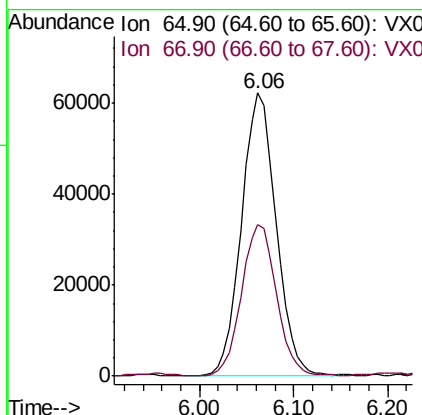
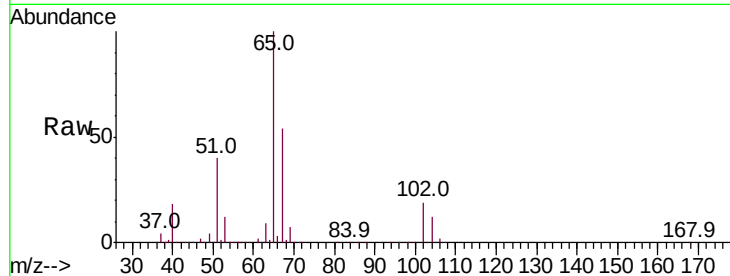




#33
 1,2-Dichloroethane-d4
 Concen: 46.378 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

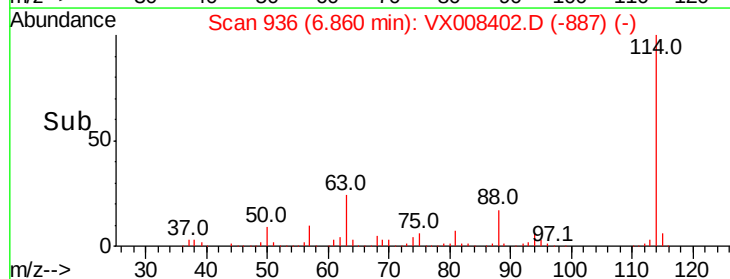
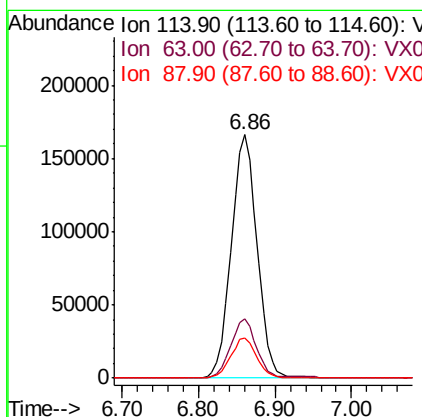
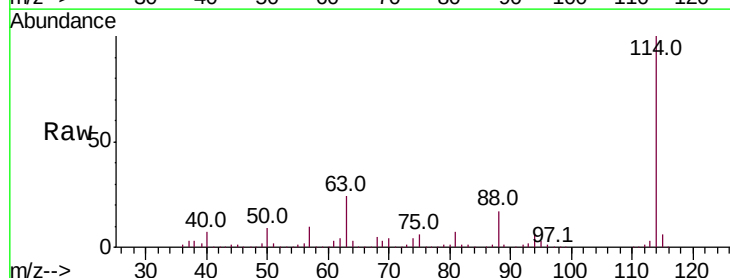
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

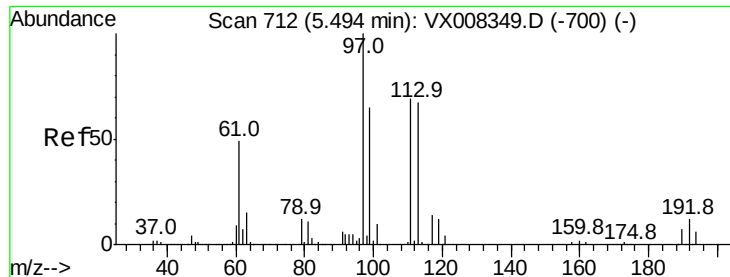
Tot Ion: 65 Resp: 160232
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

Tgt Ion: 114 Resp: 387208
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 39.8
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.571 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

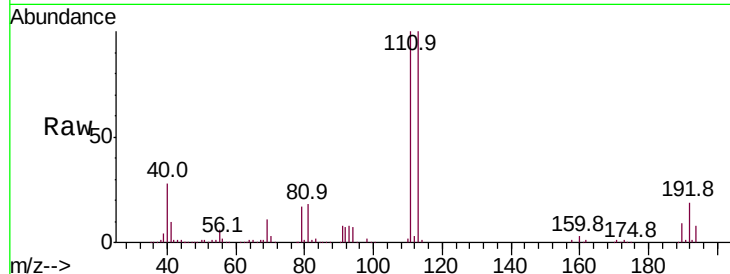
Tot Ion:113 Resp: 121849

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

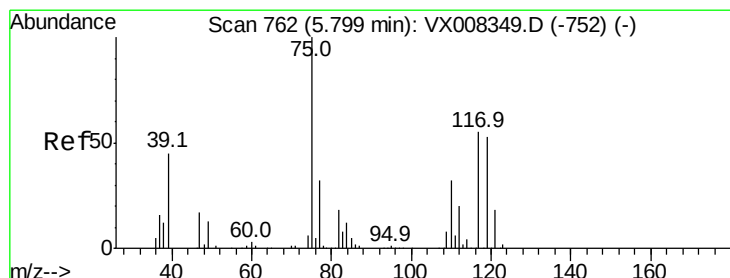
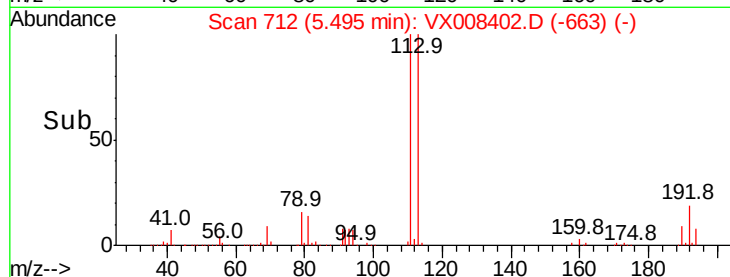
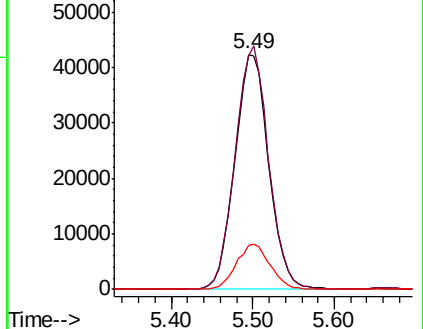
192 19.1 19.4 29.0#



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: 4.857 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

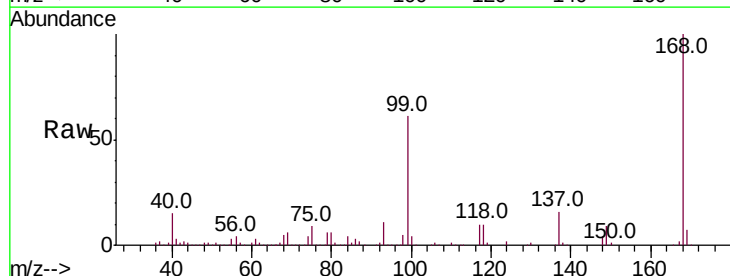
Tgt Ion: 75 Resp: 19216

Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.0#

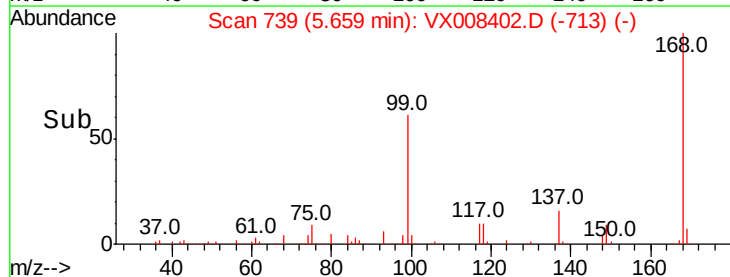
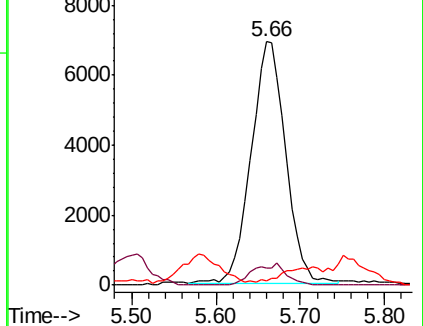
77 0.0 25.0 37.4#

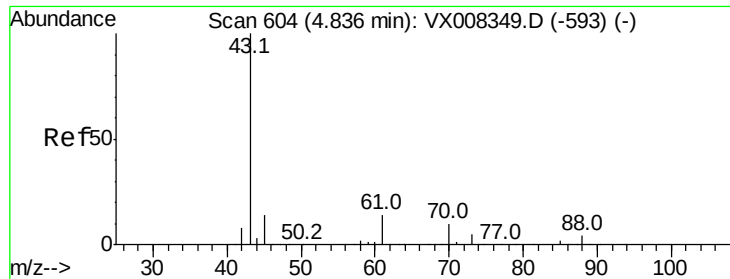


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.300 ug/l

RT: 4.90 min Scan# 614

Delta R.T. 0.06 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

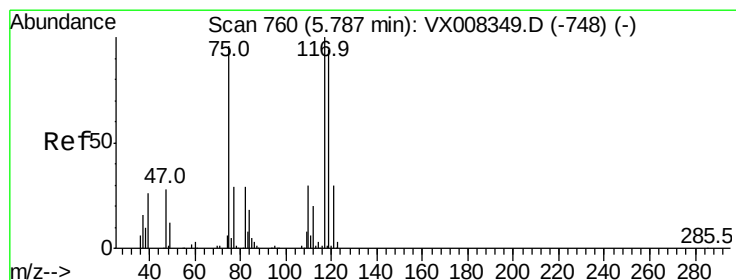
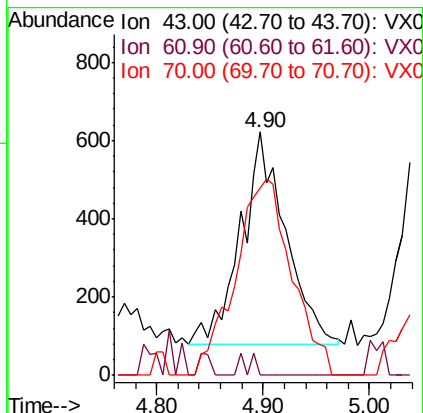
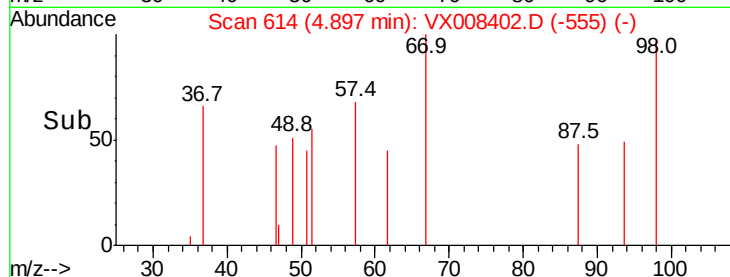
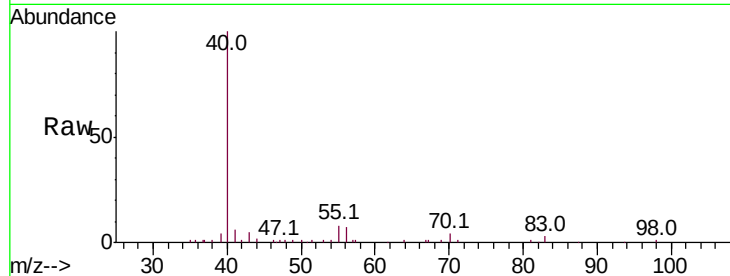
Tot Ion: 43 Resp: 1604

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 115.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

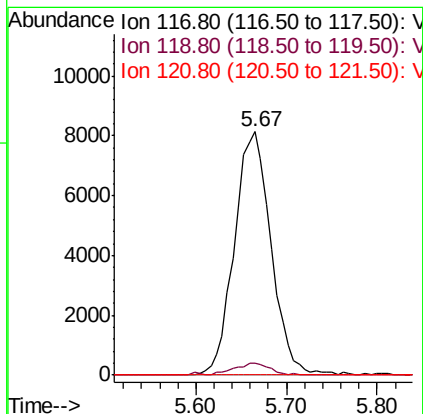
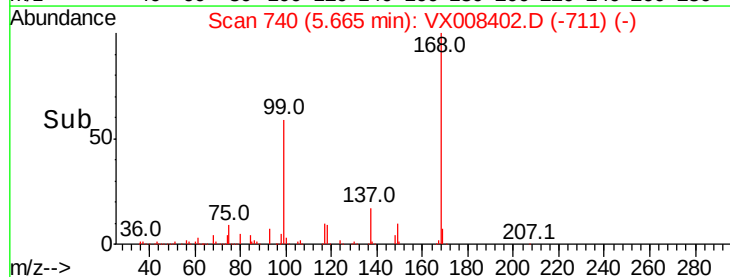
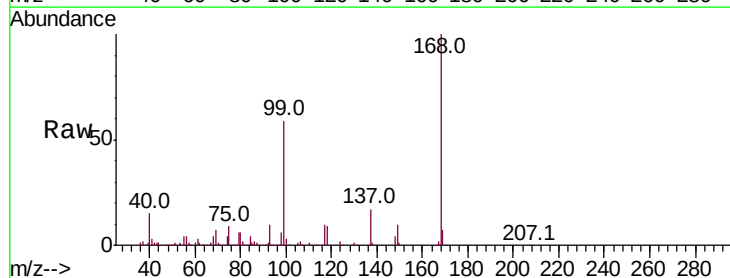
Tgt Ion: 117 Resp: 22754

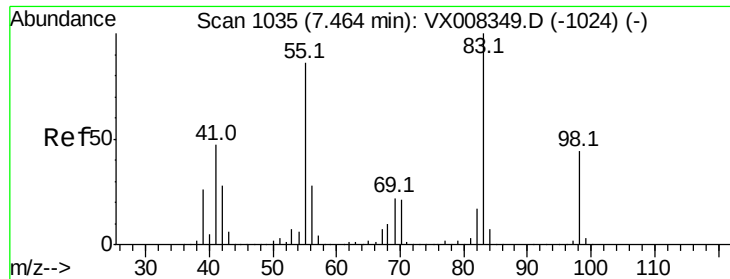
Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.2#

121 0.0 24.6 36.8#





#39

Methylvlcyclohexane

Concen: 31.429 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

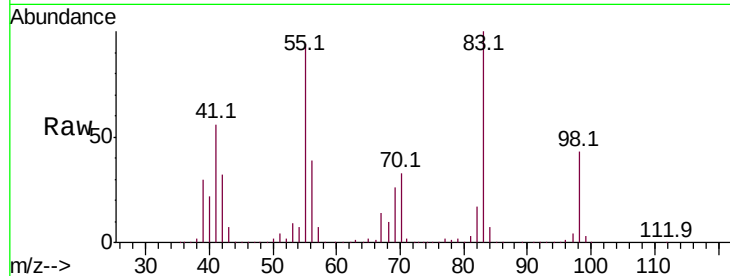
Tot Ion: 83 Resp: 152425

Ion Ratio Lower Upper

83 100

55 93.5 60.4 90.6#

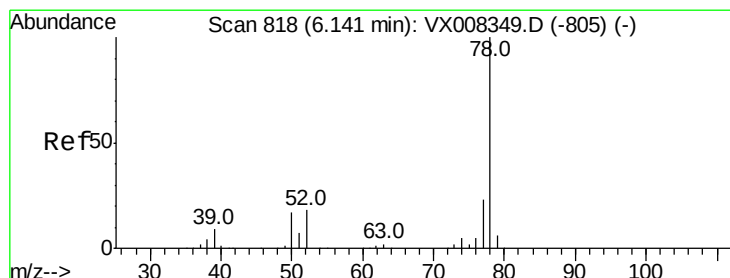
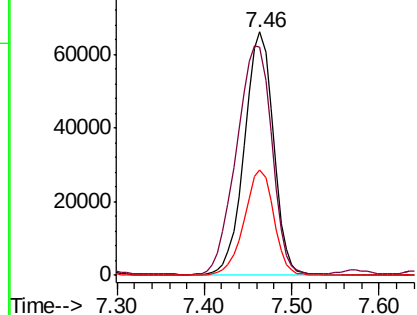
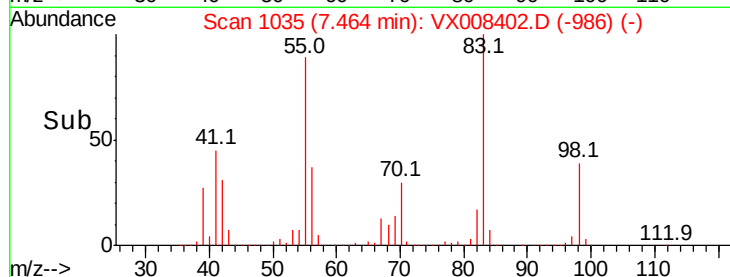
98 43.0 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 3.605 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008402.D

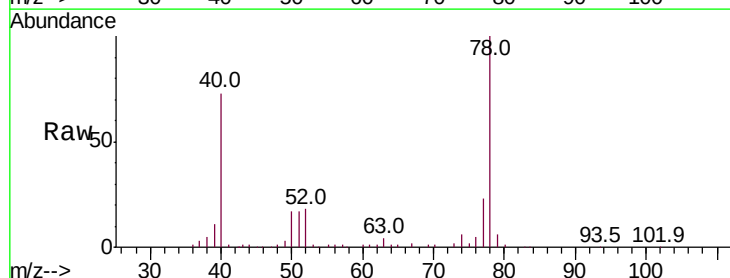
Acq: 24 Mar 2019 19:11

Tgt Ion: 78 Resp: 43437

Ion Ratio Lower Upper

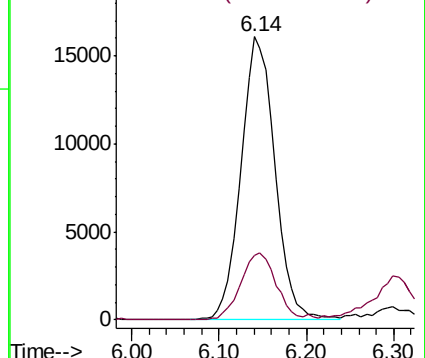
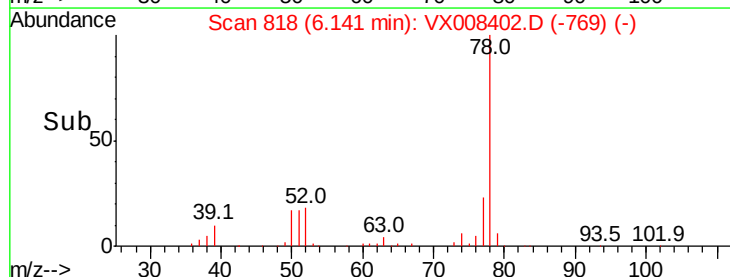
78 100

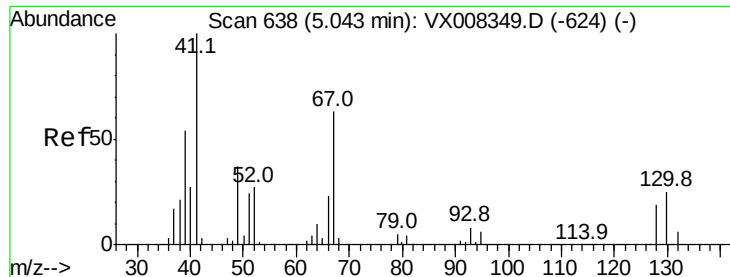
77 22.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

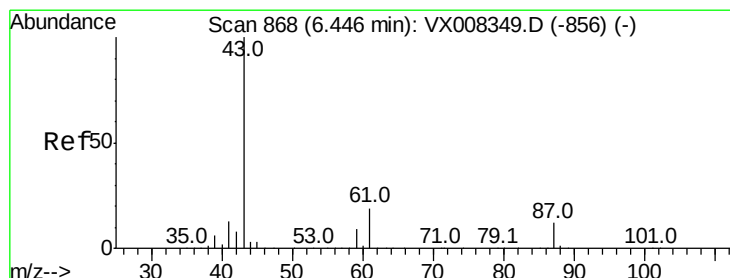
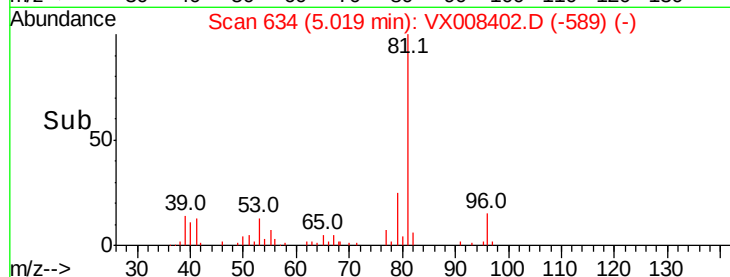
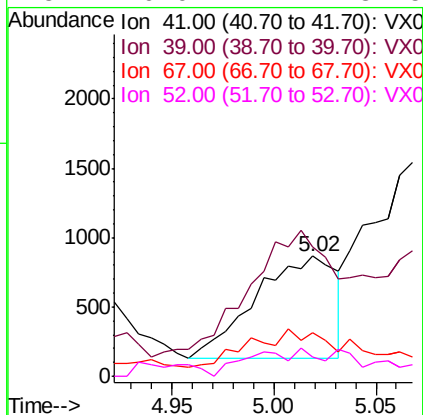
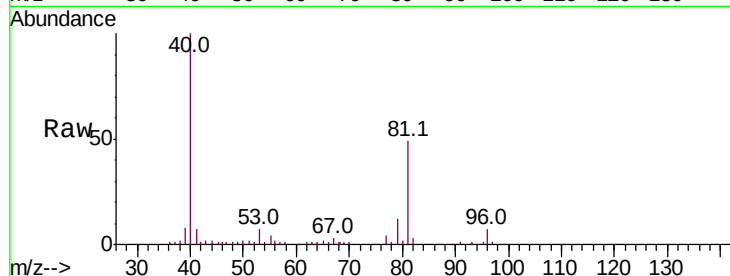




#41
Methacrylonitrile
Concen: 0.698 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.02 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

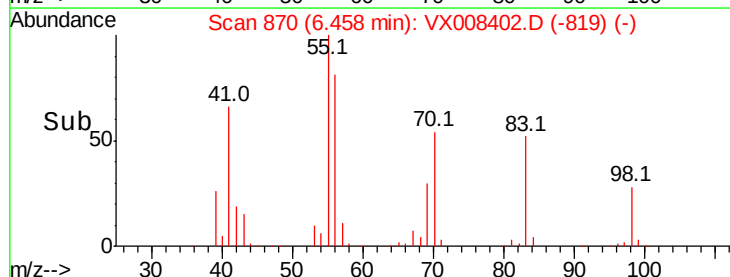
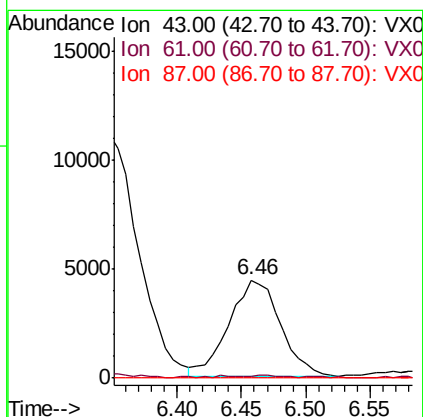
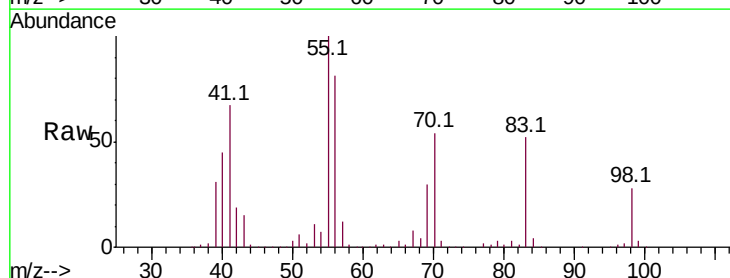
Instrument :
MSVOA_X
ClientSampled :
MW-4

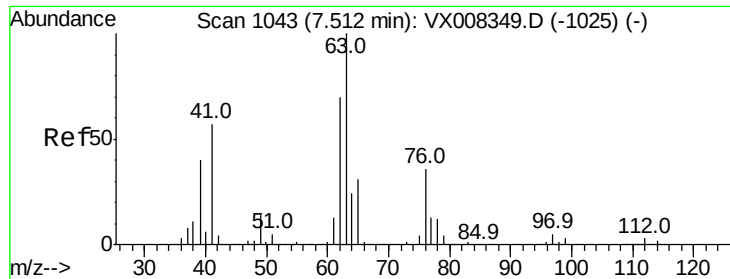
Tot Ion: 41 Resp: 2038
Ion Ratio Lower Upper
41 100
39 123.3 41.6 62.4#
67 0.0 55.8 83.6#
52 0.0 21.7 32.5#



#43
Isopropyl Acetate
Concen: 1.460 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 43 Resp: 12171
Ion Ratio Lower Upper
43 100
61 1.5 16.3 24.5#
87 0.0 10.5 15.7#





#45

1,2-Dichloropropane

Concen: 0.706 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

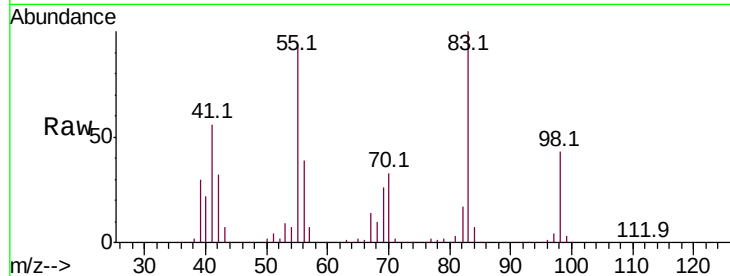
MW-4

Tot Ion: 63 Resp: 2408

Ion Ratio Lower Upper

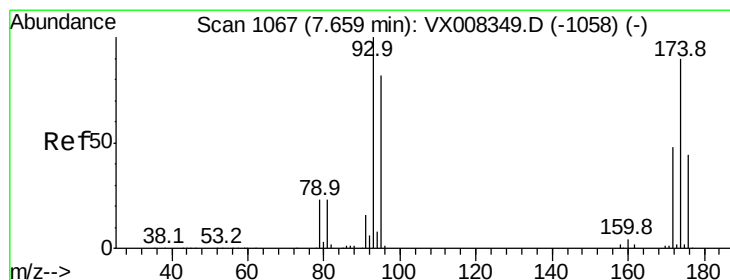
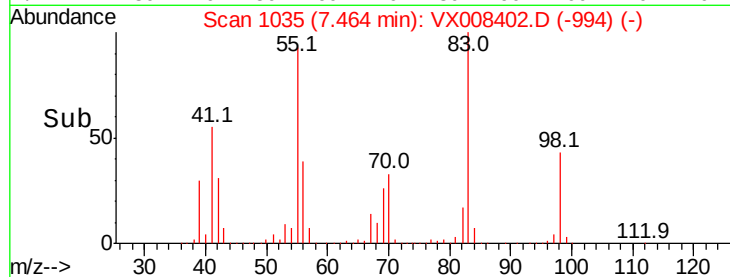
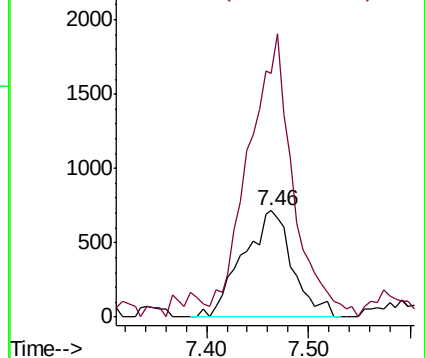
63 100

65 216.5 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.349 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

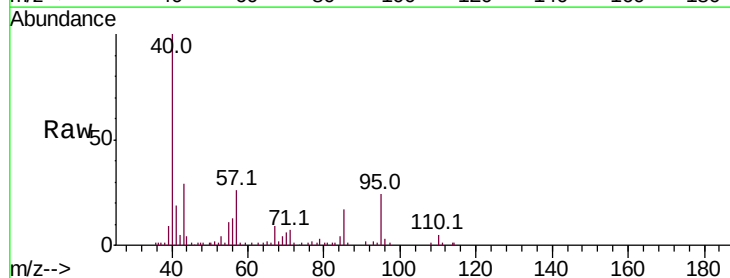
Tgt Ion: 93 Resp: 706

Ion Ratio Lower Upper

93 100

95 1019.0 66.8 100.2#

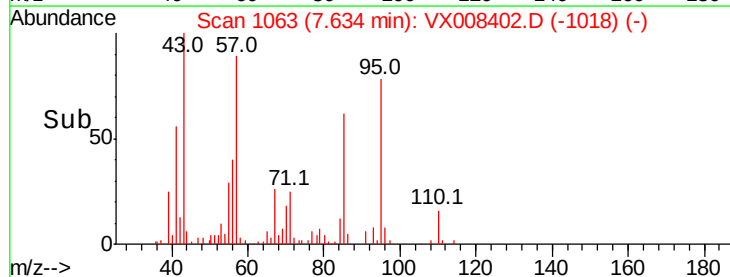
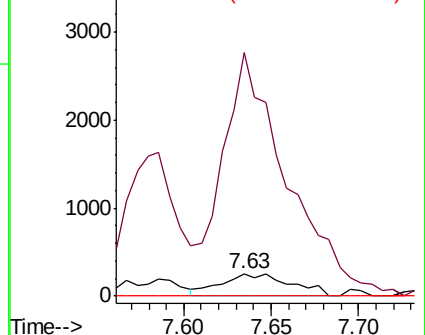
174 0.0 97.3 145.9#

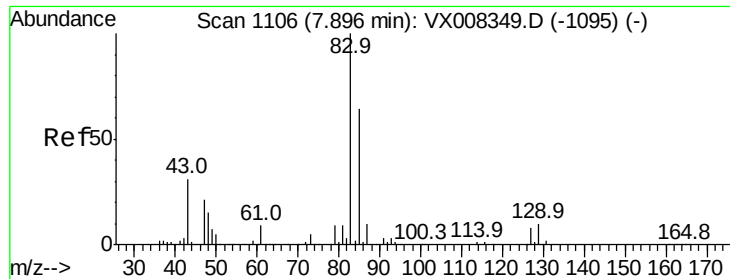


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.722 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

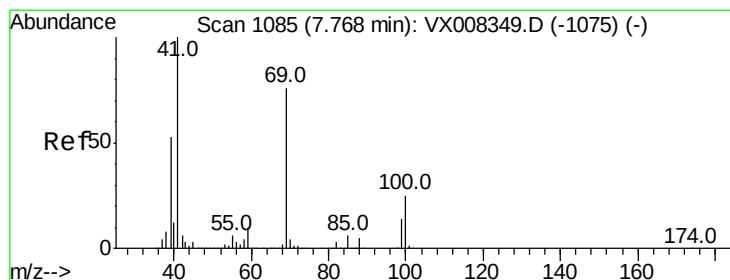
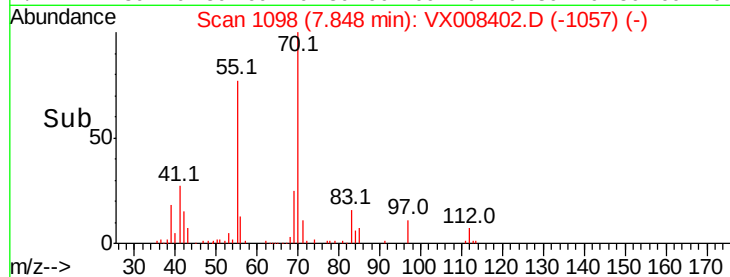
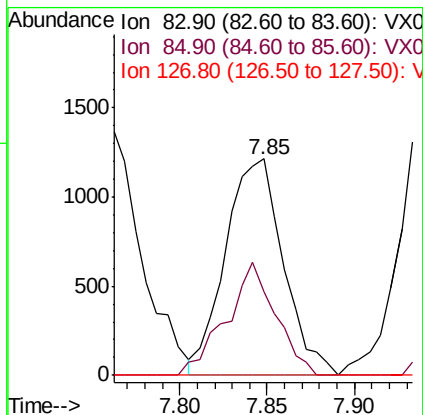
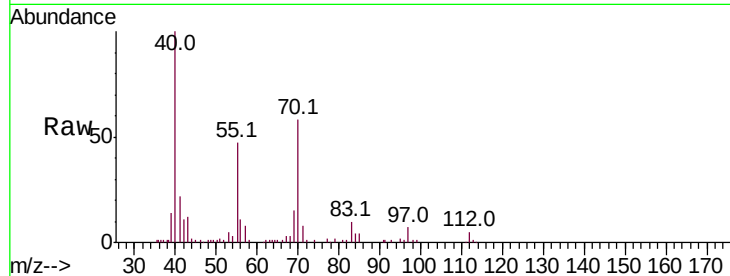
Tot Ion: 83 Resp: 2789

Ion Ratio Lower Upper

83 100

85 38.7 50.9 76.3#

127 0.0 7.4 11.0#



#48

Methyl methacrylate

Concen: 4.801 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

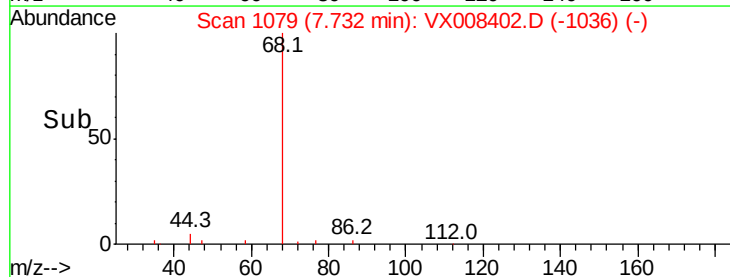
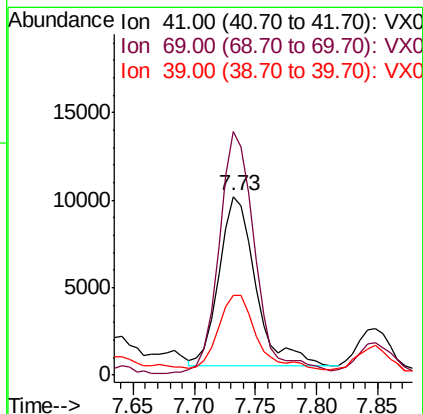
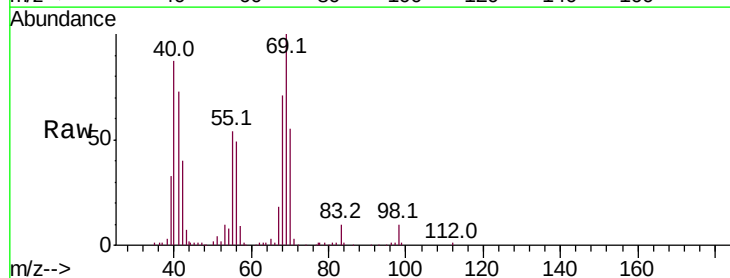
Tgt Ion: 41 Resp: 20202

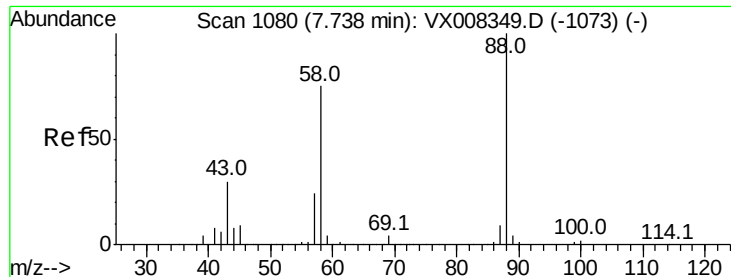
Ion Ratio Lower Upper

41 100

69 140.0 65.2 97.8#

39 45.5 39.4 59.2

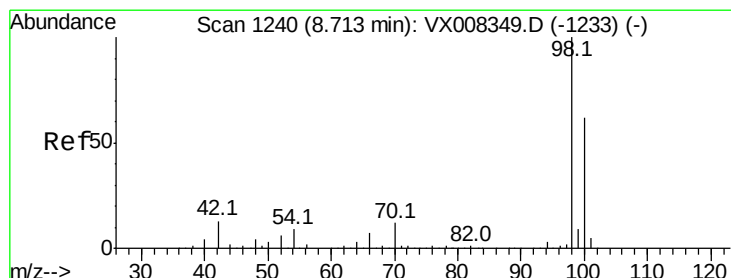
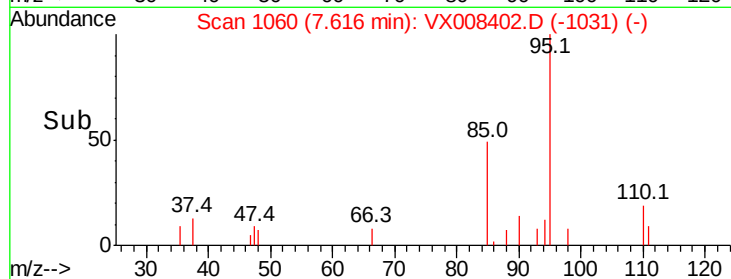
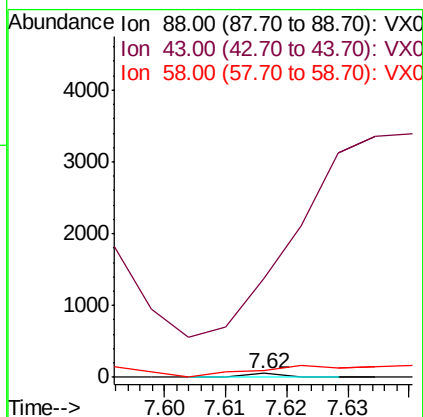
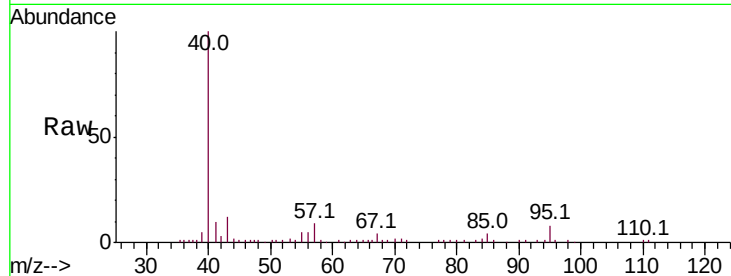




#49
1,4-Dioxane
Concen: 0.224 ug/l
RT: 7.62 min Scan# 1060
Delta R.T. -0.12 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

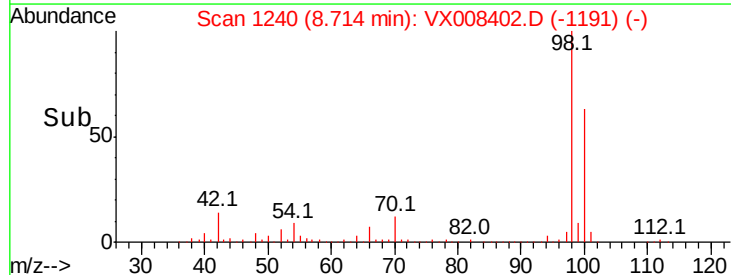
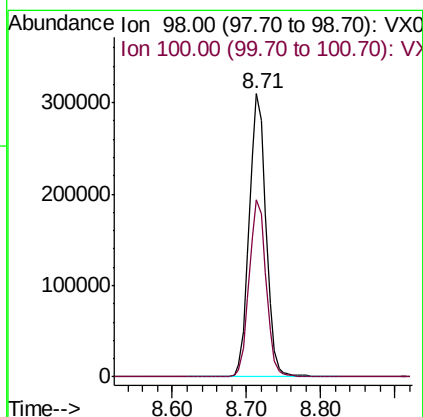
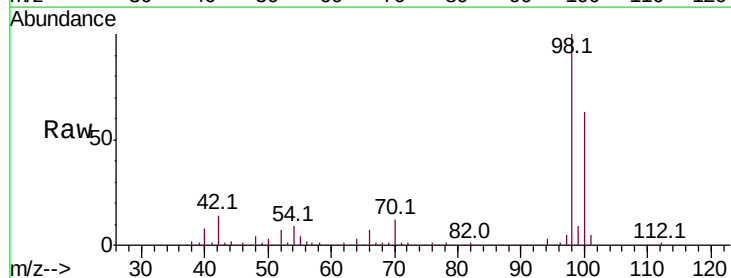
Instrument :
MSVOA_X
ClientSampled :
MW-4

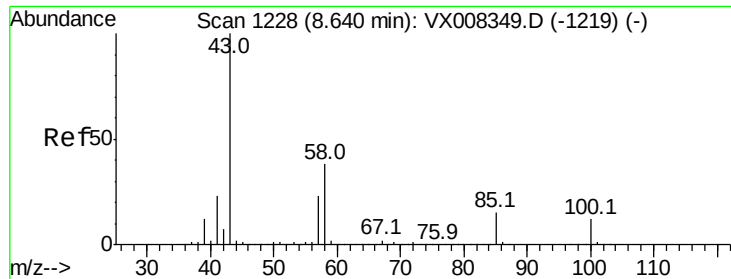
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 1968.4 57.8 86.6#



#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 98 Resp: 494631
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.288 ug/l

RT: 8.63 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

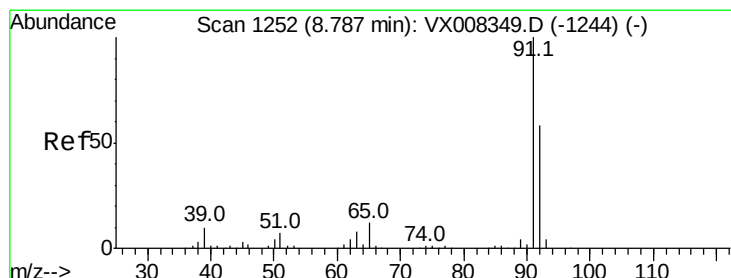
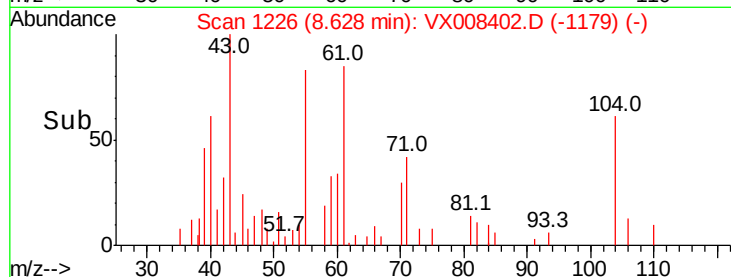
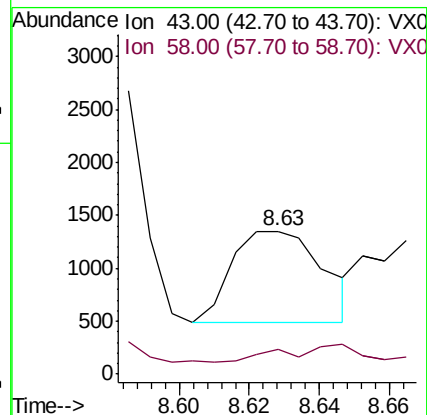
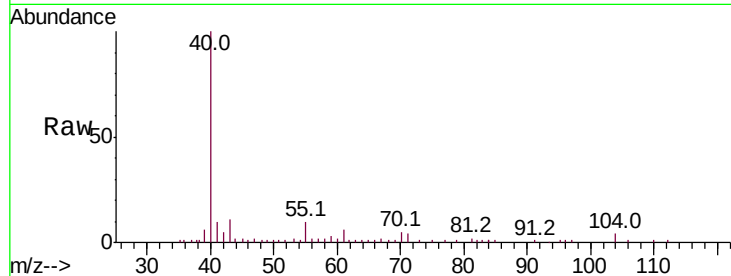
MW-4

Tot Ion: 43 Resp: 1577

Ion Ratio Lower Upper

43 100

58 18.4 31.3 46.9#



#52

Toluene

Concen: 9.454 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008402.D

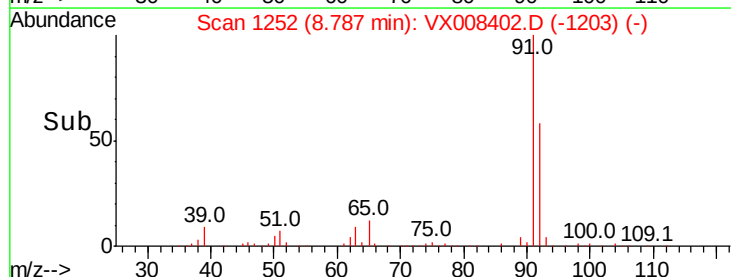
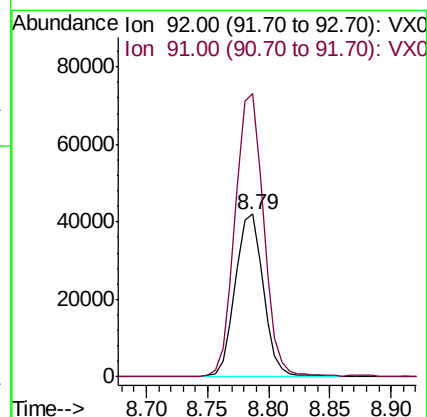
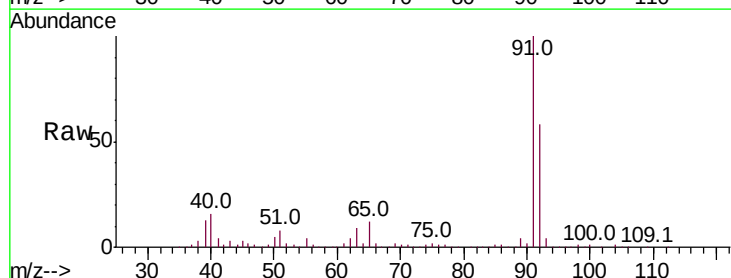
Acq: 24 Mar 2019 19:11

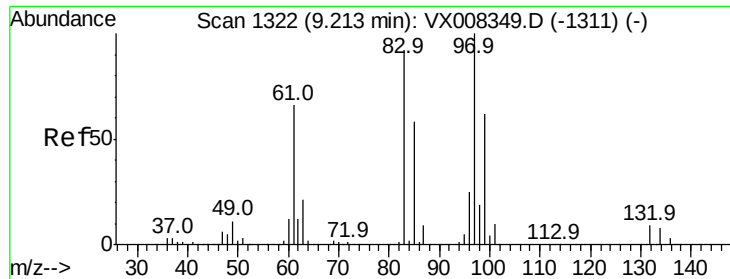
Tgt Ion: 92 Resp: 66796

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0

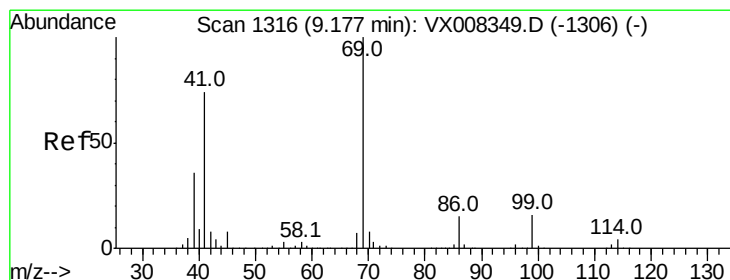
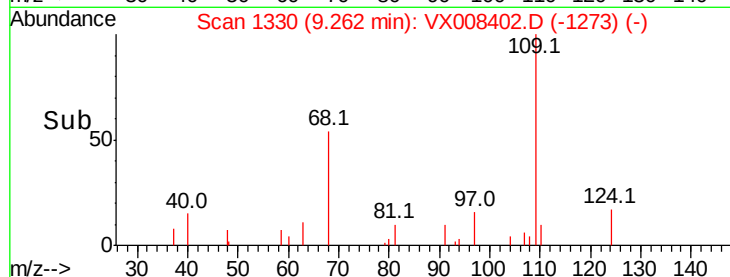
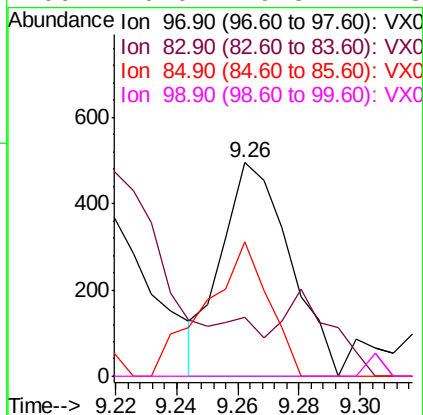
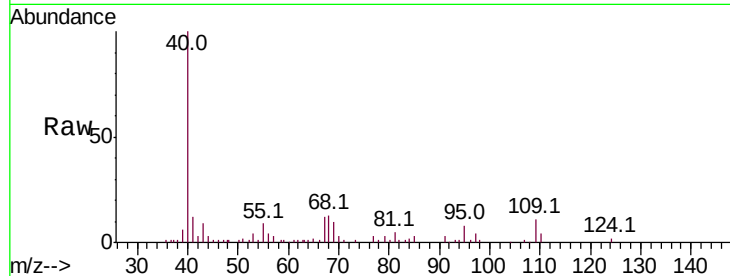




#55
 1,1,2-Trichloroethane
 Concen: 0.261 ug/l
 RT: 9.26 min Scan# 1330
 Delta R.T. 0.05 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

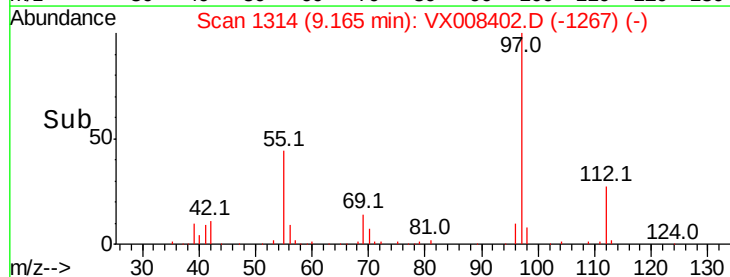
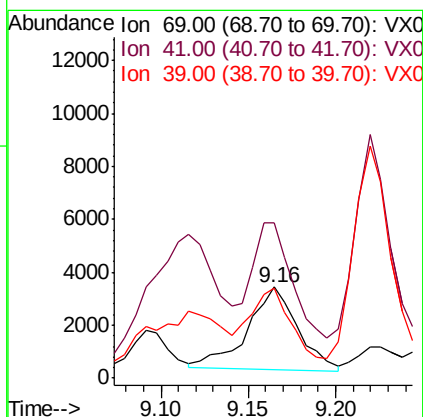
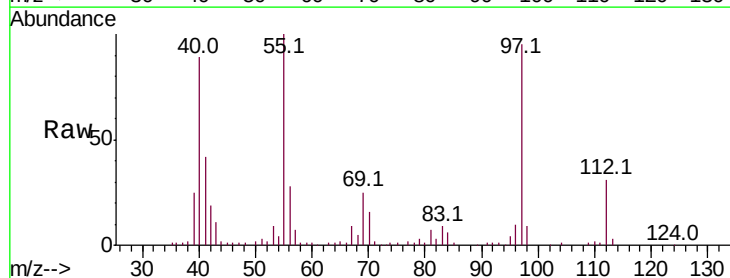
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

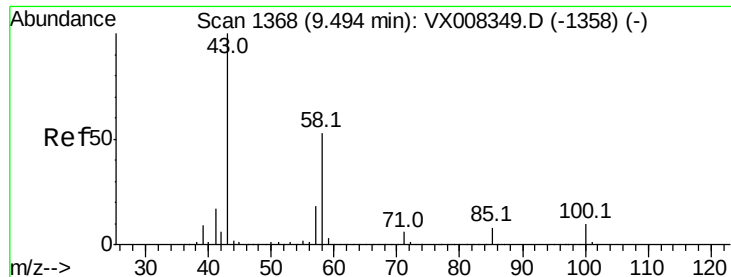
Tot Ion: 97 Resp: 766
 Ion Ratio Lower Upper
 97 100
 83 4.6 69.1 103.7#
 85 62.8 44.3 66.5
 99 0.0 49.8 74.8#



#56
 Ethyl methacrylate
 Concen: 1.189 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

Tgt Ion: 69 Resp: 6177
 Ion Ratio Lower Upper
 69 100
 41 146.0 54.2 81.4#
 39 65.7 25.0 37.4#

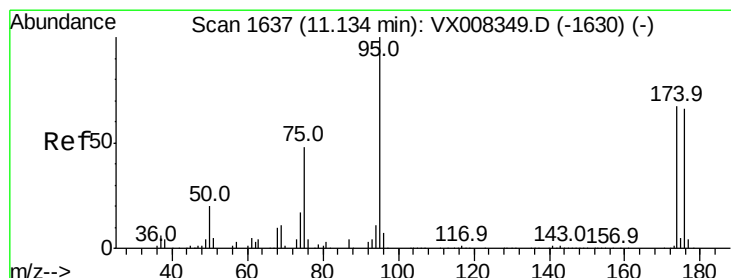
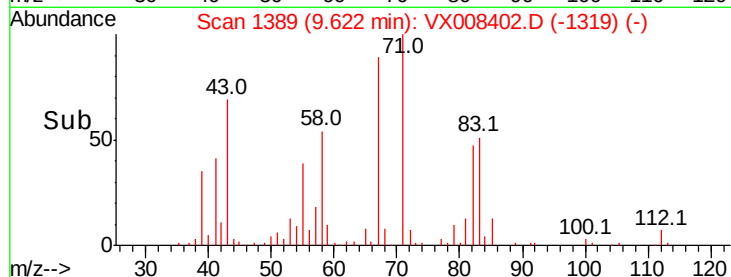
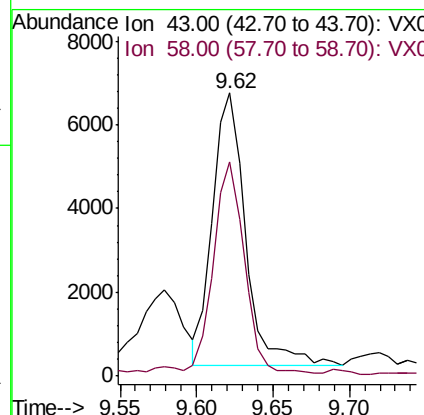
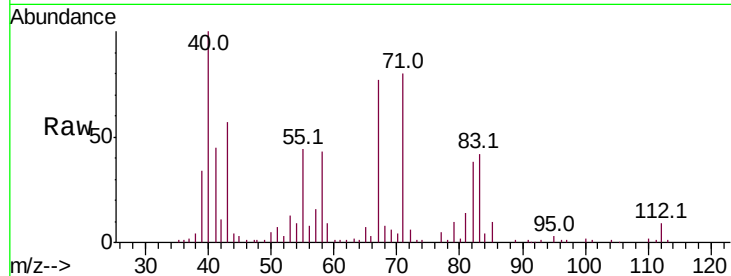




#59
2-Hexanone
Concen: 2.351 ug/l
RT: 9.62 min Scan# 1389
Delta R.T. 0.13 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

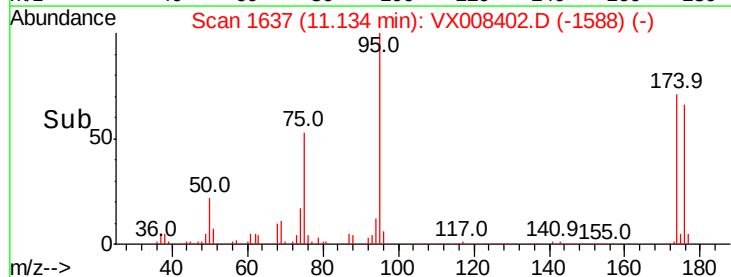
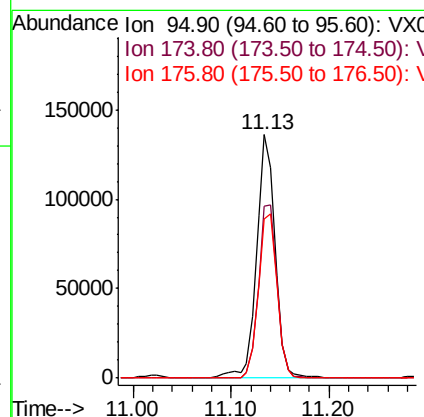
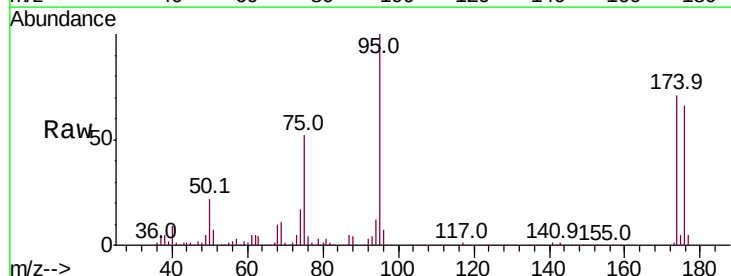
Instrument :
MSVOA_X
ClientSampled :
MW-4

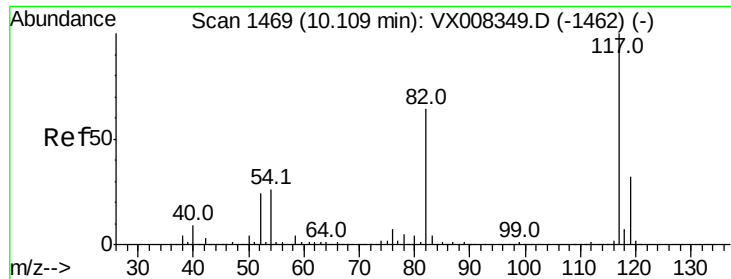
Tot Ion: 43 Resp: 9875
Ion Ratio Lower Upper
43 100
58 71.9 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 48.828 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 95 Resp: 177889
Ion Ratio Lower Upper
95 100
174 71.4 0.0 182.8
176 68.2 0.0 178.0

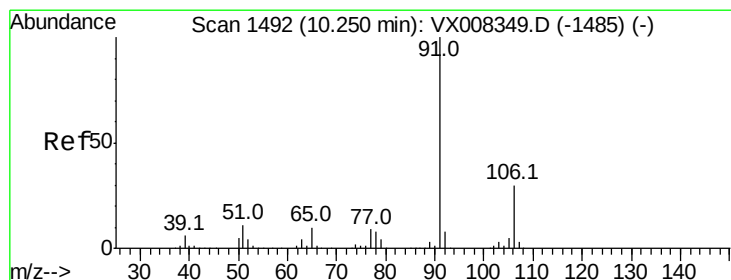
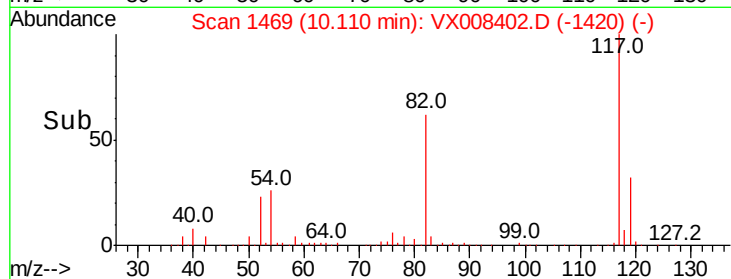
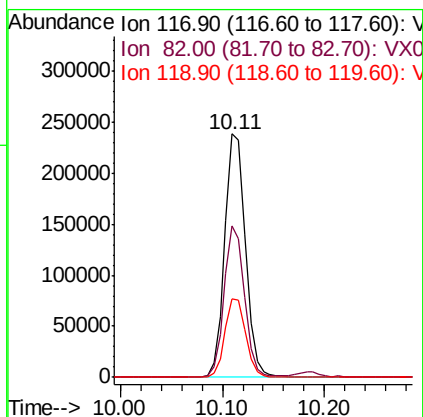
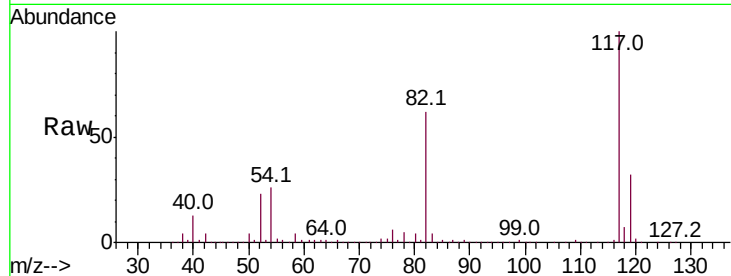




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

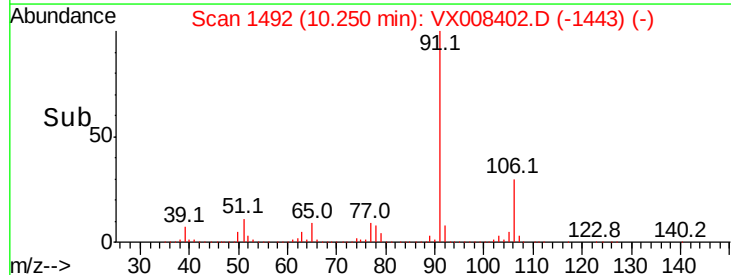
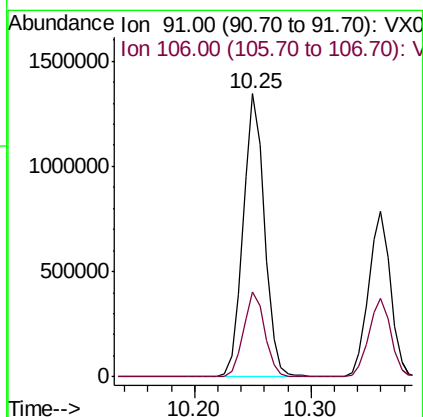
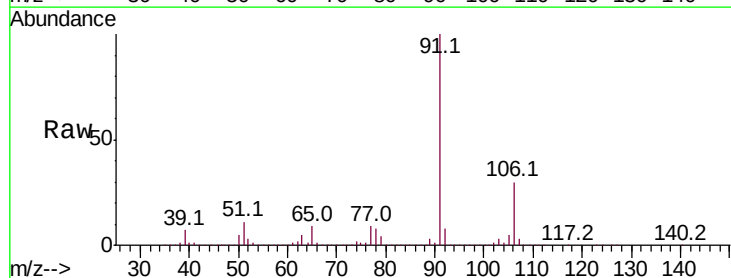
Instrument :
MSVOA_X
ClientSampleId :
MW-4

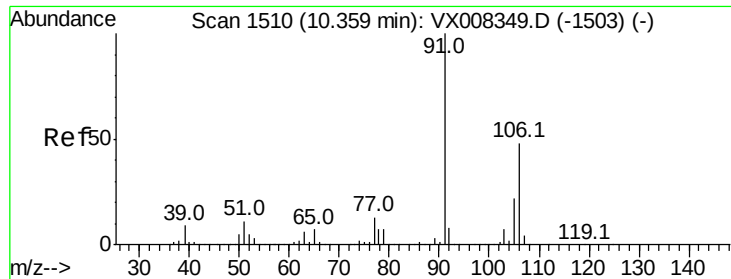
Tot Ion:117 Resp: 337433
Ion Ratio Lower Upper
117 100
82 62.1 44.3 66.5
119 32.5 25.3 37.9



#67
Ethyl Benzene
Concen: 130.389 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 91 Resp: 1727782
Ion Ratio Lower Upper
91 100
106 30.0 25.2 37.8

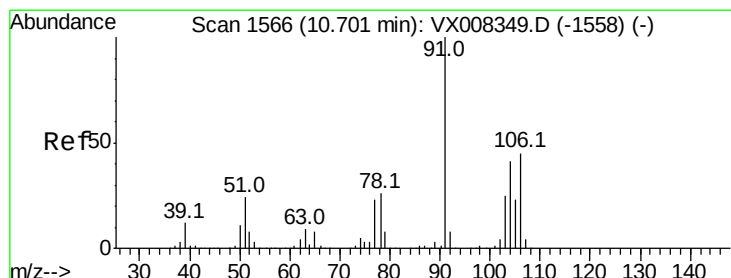
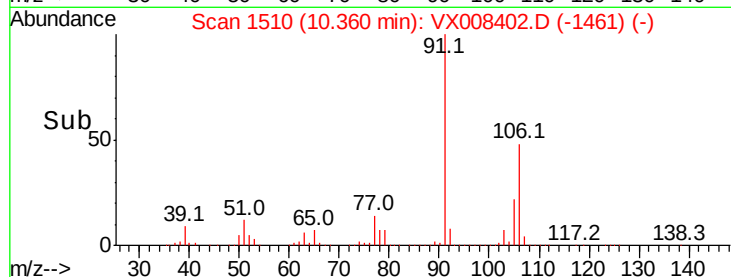
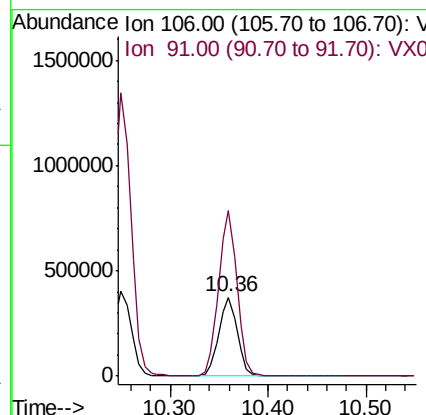
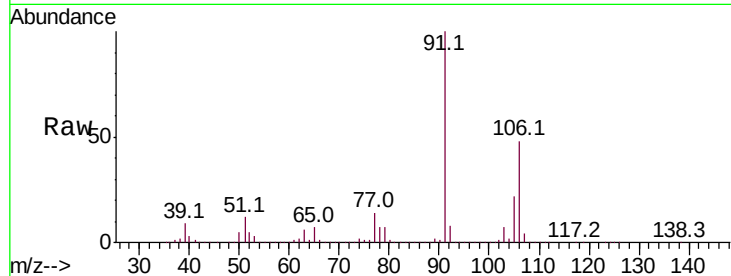




#68
m/p-Xylenes
Concen: 102.919 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

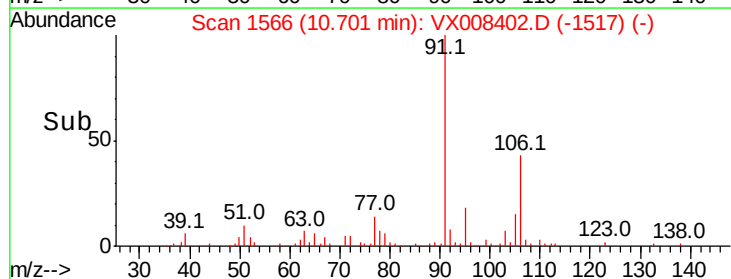
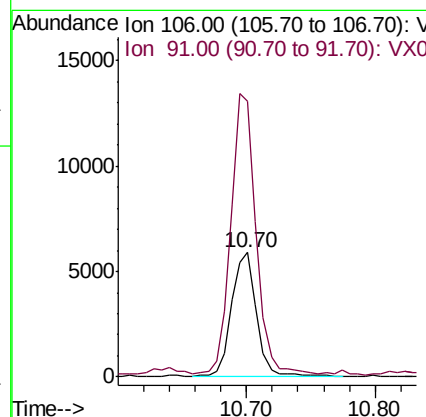
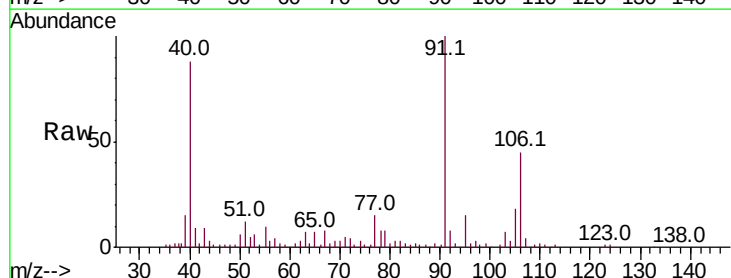
Instrument :
MSVOA_X
ClientSampleId :
MW-4

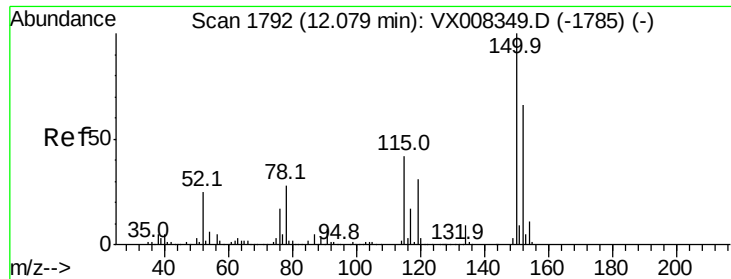
Tot Ion:106 Resp: 490005
Ion Ratio Lower Upper
106 100
91 211.2 159.8 239.6



#69
o-Xylene
Concen: 1.742 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion:106 Resp: 8108
Ion Ratio Lower Upper
106 100
91 222.7 106.3 318.9



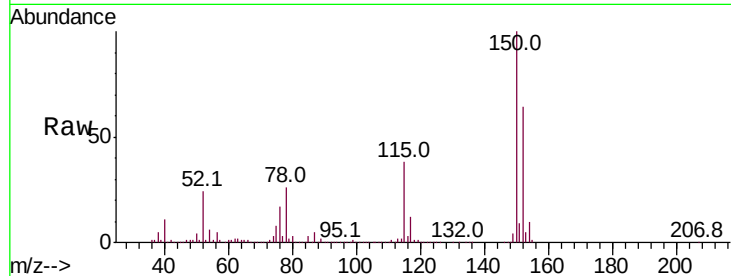


#72

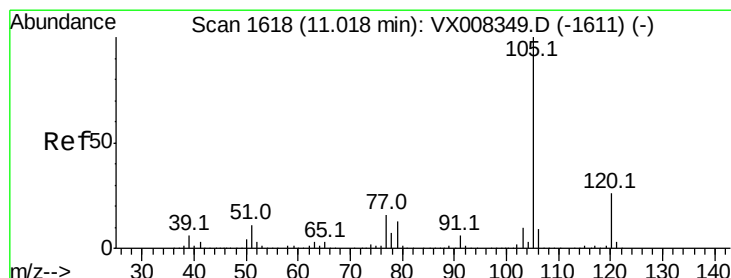
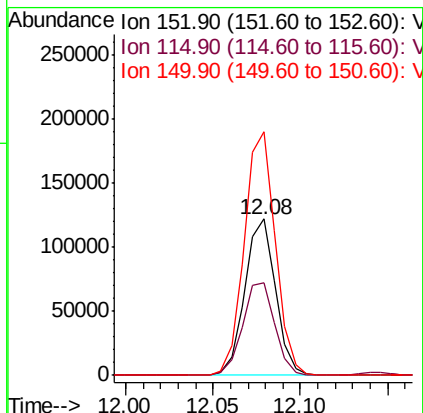
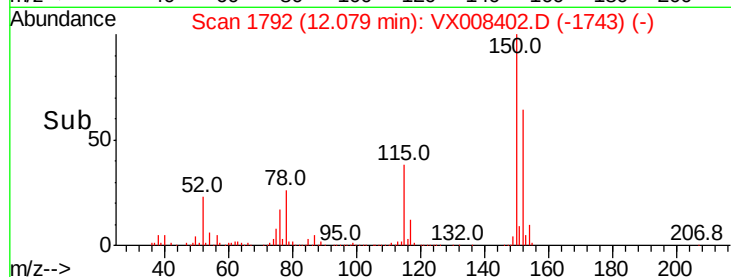
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion:152 Resp: 148766
Ion Ratio Lower Upper
152 100
115 61.5 38.6 115.7
150 157.1 0.0 348.4



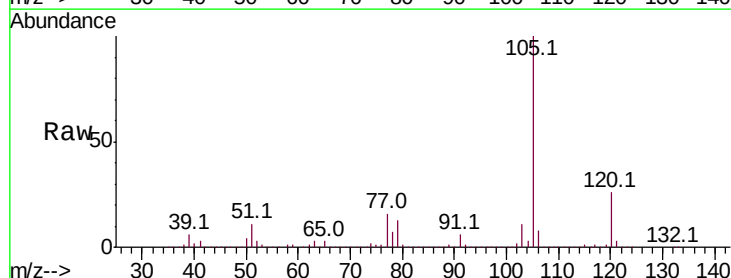
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



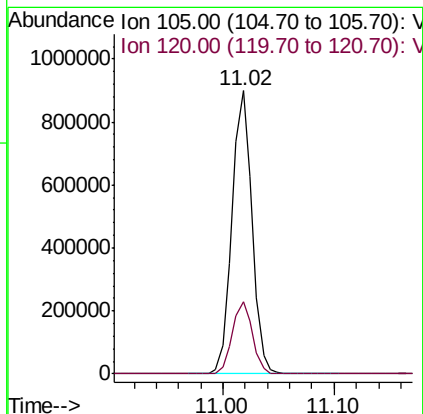
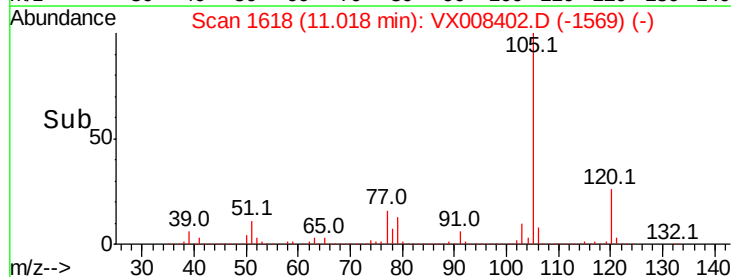
#73

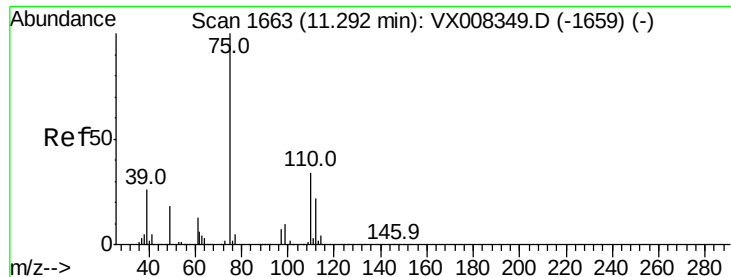
Isopropylbenzene
Concen: 95.003 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion:105 Resp: 1115357
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 2.091 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

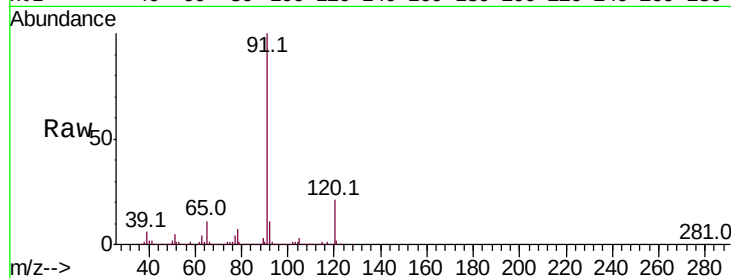
MW-4

Tot Ion: 75 Resp: 8143

Ion Ratio Lower Upper

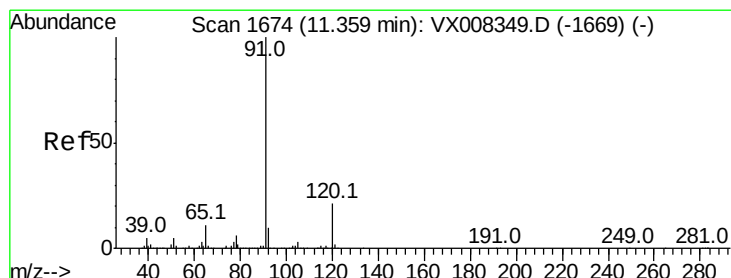
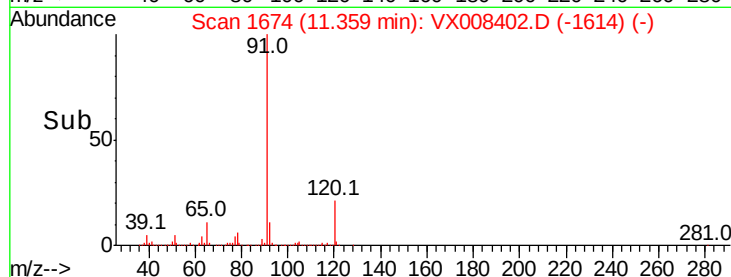
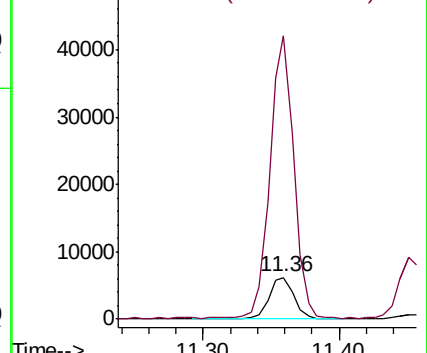
75 100

77 634.1 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 93.069 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008402.D

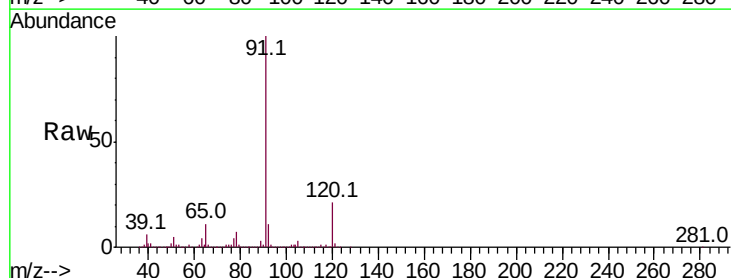
Acq: 24 Mar 2019 19:11

Tgt Ion: 91 Resp: 1280654

Ion Ratio Lower Upper

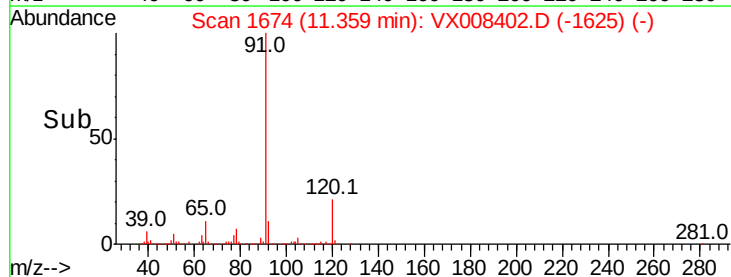
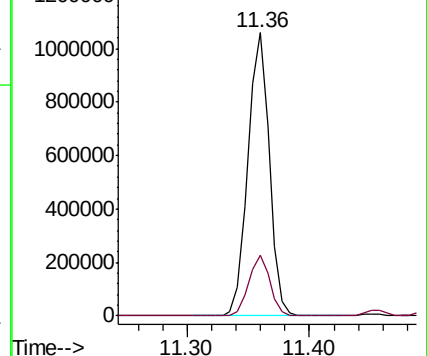
91 100

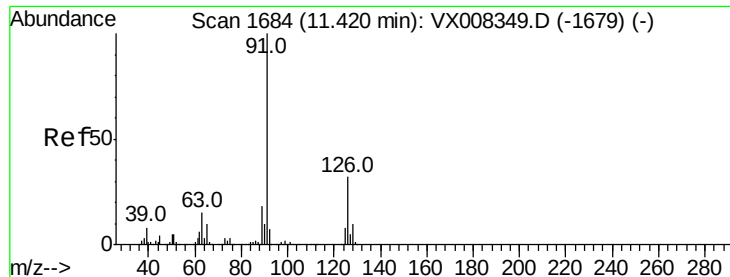
120 21.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 152.788 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

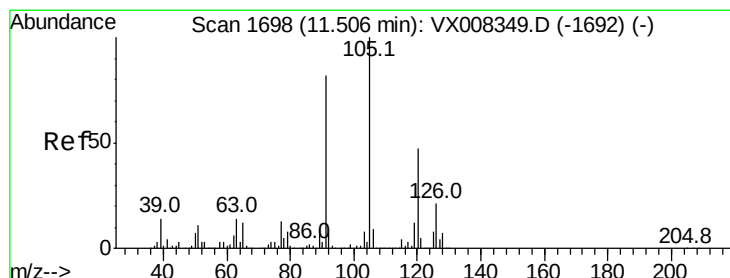
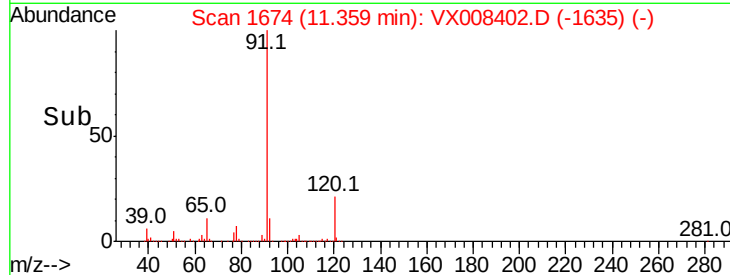
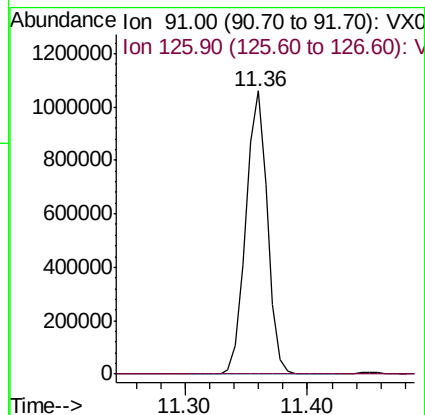
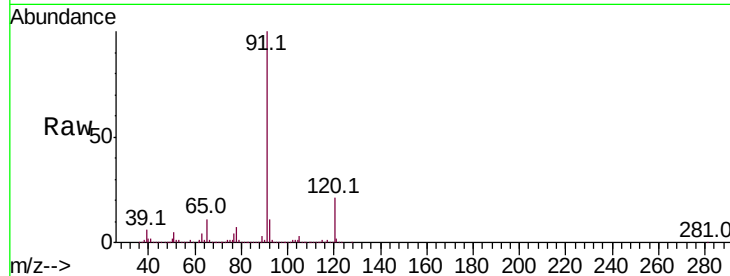
MW-4

Tot Ion: 91 Resp: 1280654

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



#80

1,3,5-Trimethylbenzene

Concen: 36.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008402.D

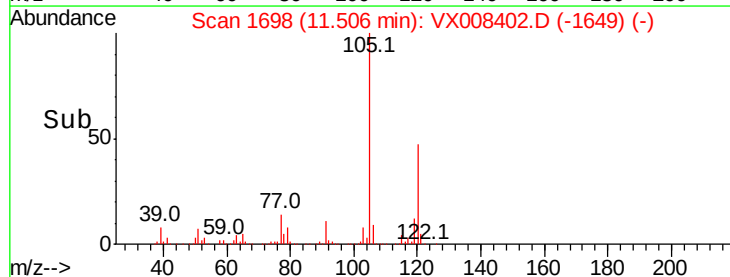
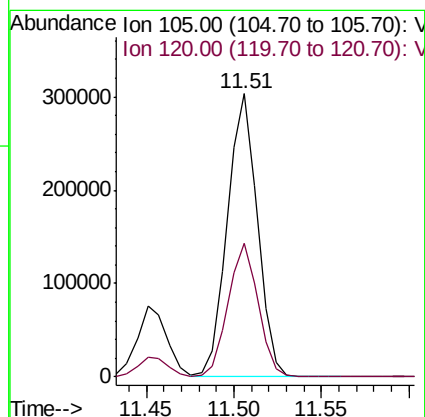
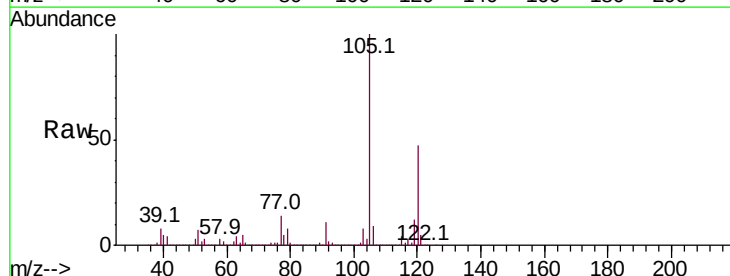
Acq: 24 Mar 2019 19:11

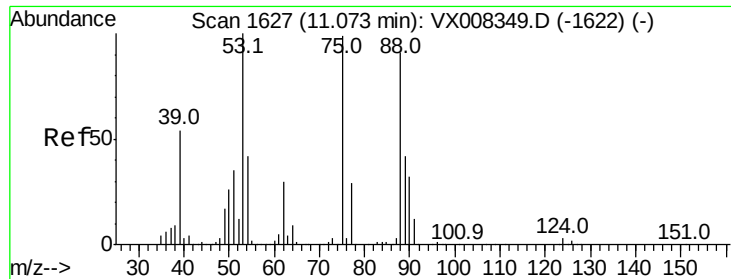
Tgt Ion:105 Resp: 362765

Ion Ratio Lower Upper

105 100

120 46.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 9.894 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

MW-4

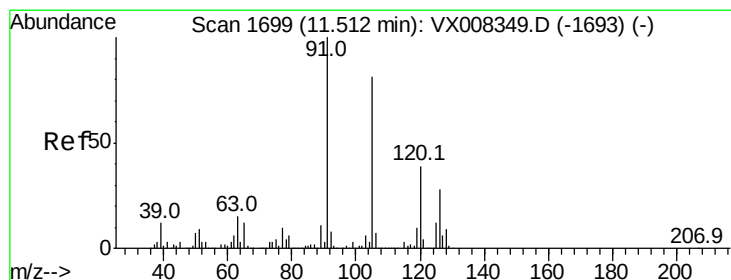
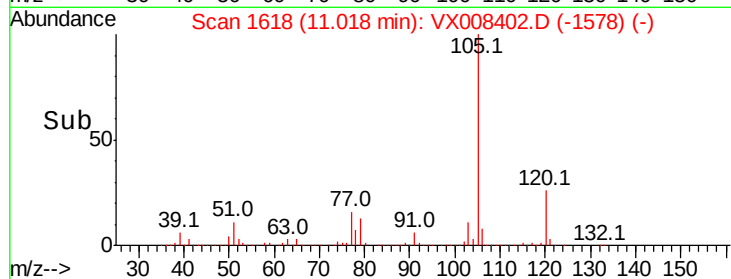
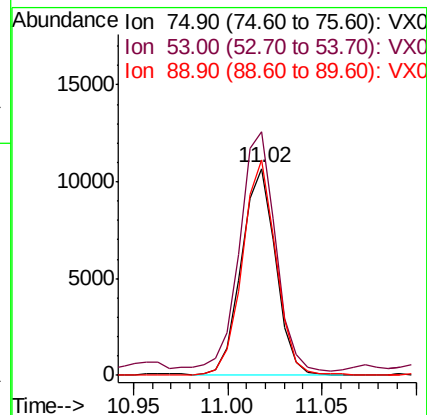
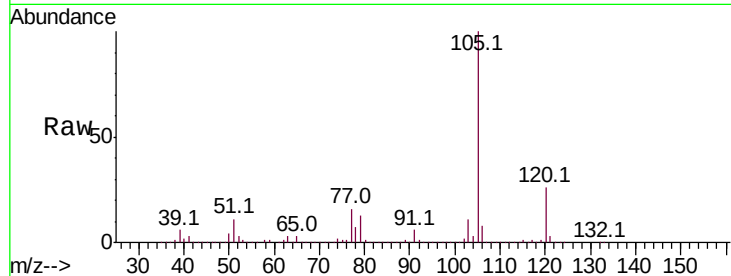
Tot Ion: 75 Resp: 13520

Ion Ratio Lower Upper

75 100

53 119.5 76.1 114.1#

89 102.1 36.3 54.5#



#82

4-Chlorotoluene

Concen: 3.982 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008402.D

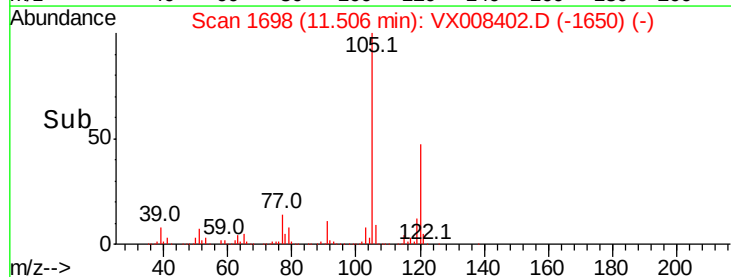
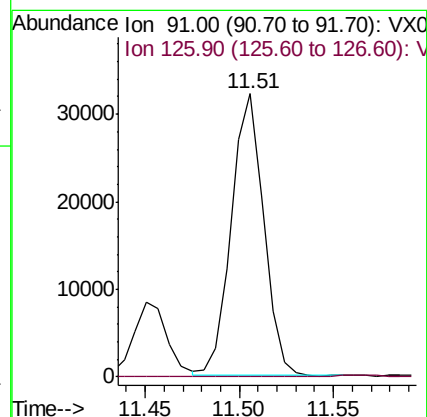
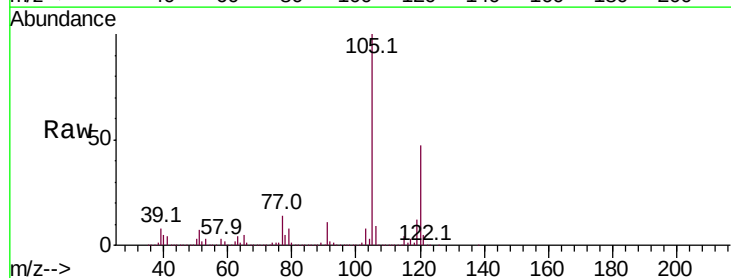
Acq: 24 Mar 2019 19:11

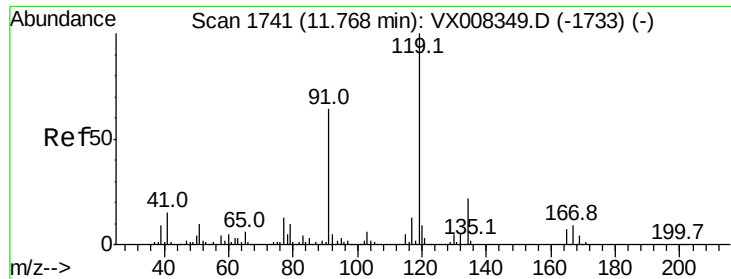
Tgt Ion: 91 Resp: 38457

Ion Ratio Lower Upper

91 100

126 0.1 15.6 46.8#

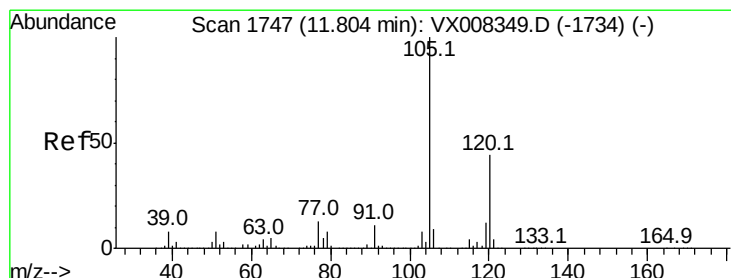
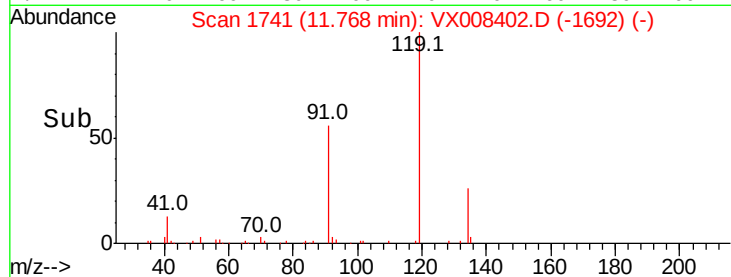
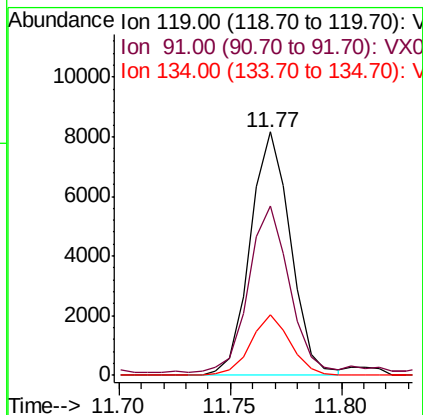
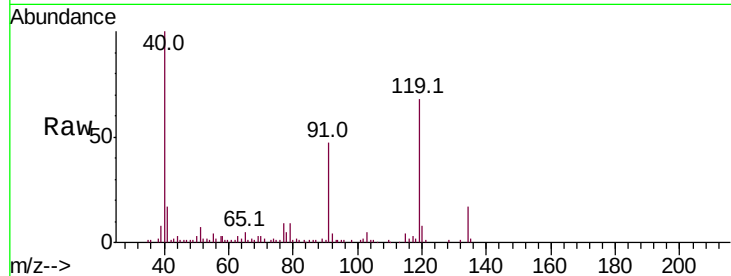




#83
tert-Butylbenzene
Concen: 1.084 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

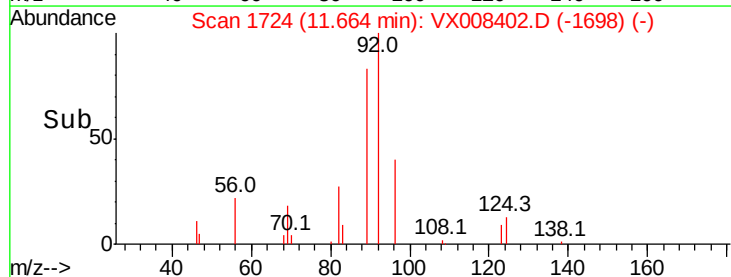
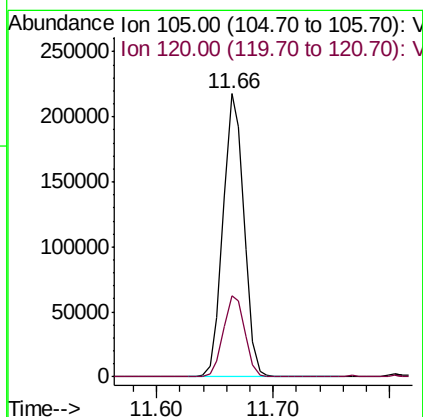
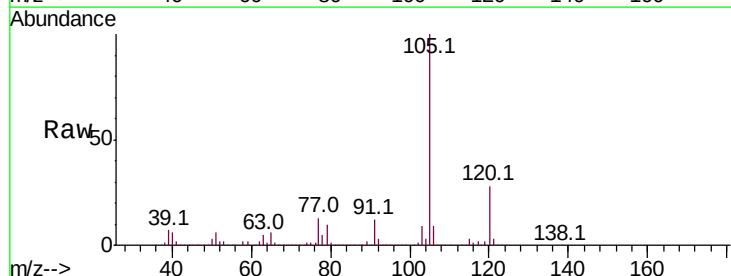
Instrument :
MSVOA_X
ClientSampled :
MW-4

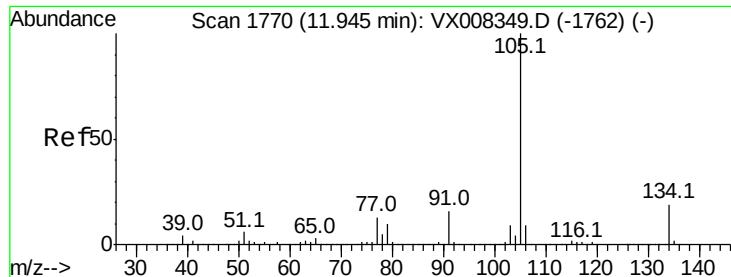
Tot Ion:119 Resp: 10309
Ion Ratio Lower Upper
119 100
91 68.8 27.1 81.3
134 24.4 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 26.994 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. -0.14 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion:105 Resp: 269038
Ion Ratio Lower Upper
105 100
120 29.4 22.6 67.7

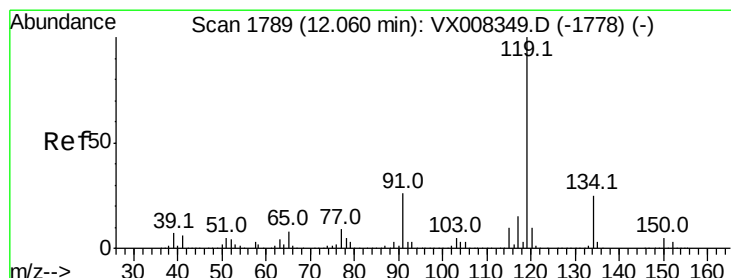
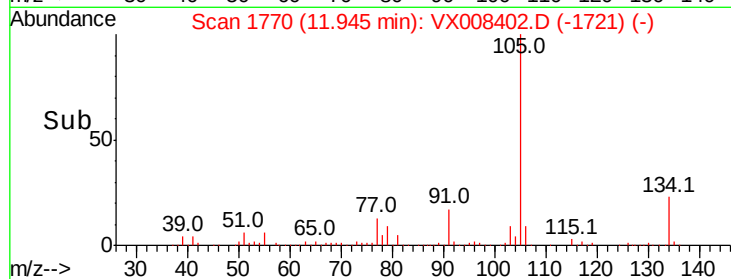
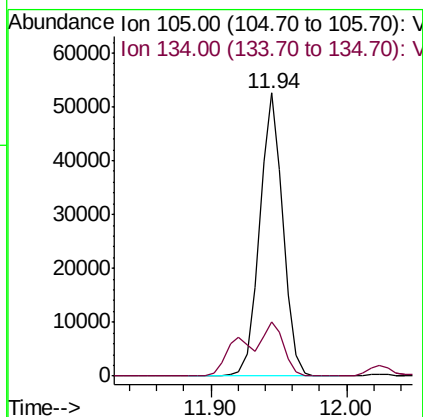
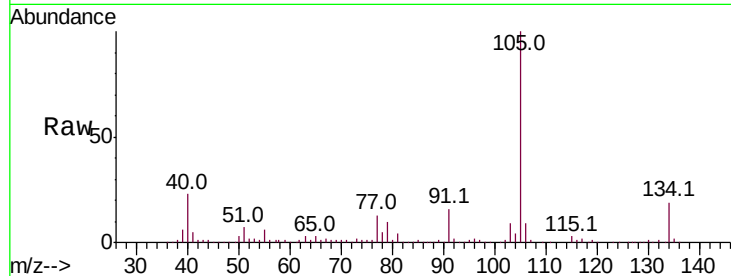




#85
 sec-Butylbenzene
 Concen: 5.510 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

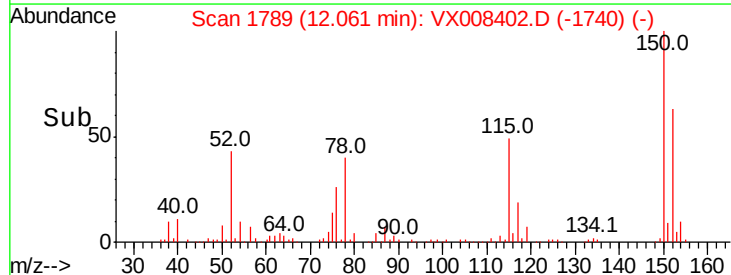
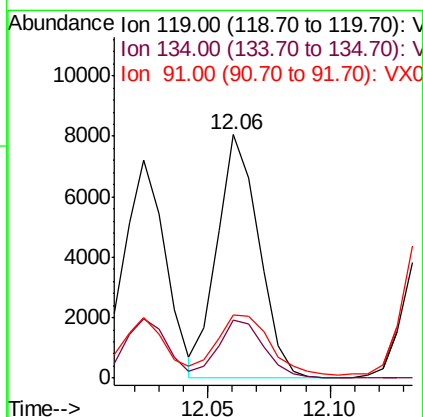
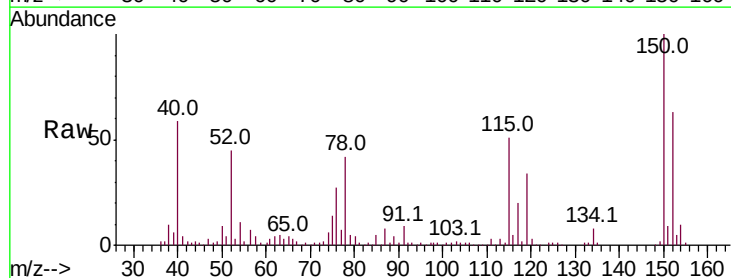
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

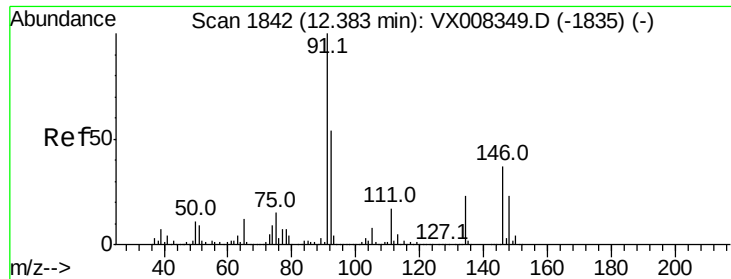
Tot Ion:105 Resp: 62808
 Ion Ratio Lower Upper
 105 100
 134 17.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.951 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008402.D
 Acq: 24 Mar 2019 19:11

Tgt Ion:119 Resp: 9556
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 0.0 10.9 32.7#

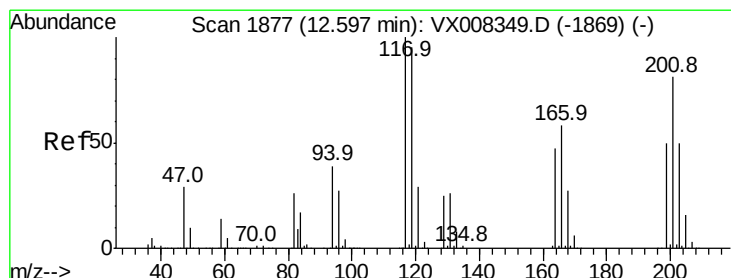
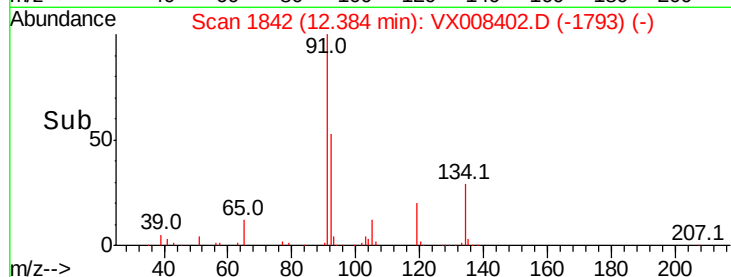
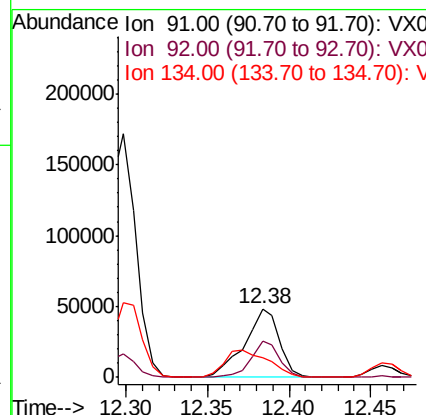
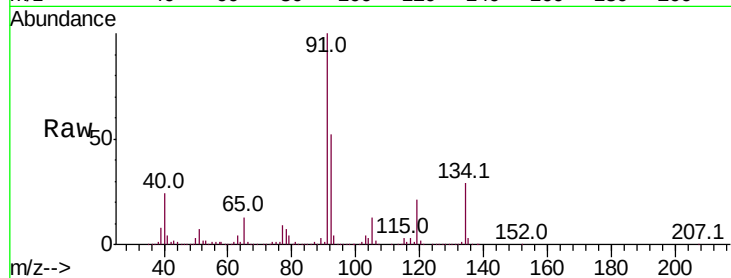




#89
n-Butylbenzene
Concen: 7.532 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

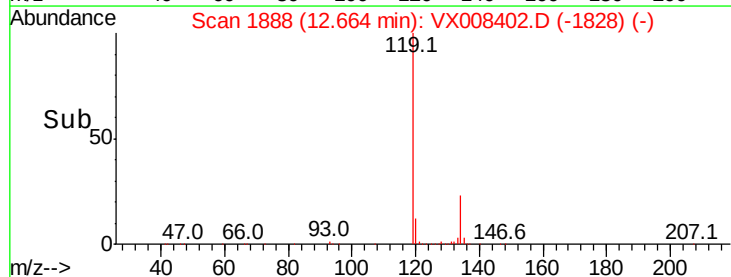
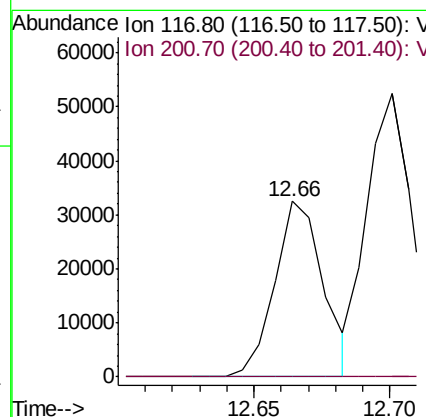
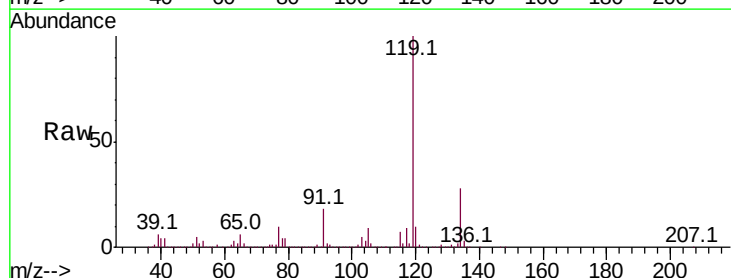
Instrument :
MSVOA_X
ClientSampled :
MW-4

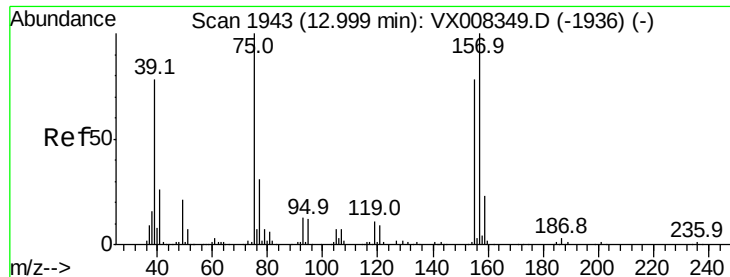
Tot Ion: 91 Resp: 72238
Ion Ratio Lower Upper
91 100
92 43.0 27.0 80.8
134 50.5 13.7 41.0#



#90
Hexachloroethane
Concen: 24.240 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX008402.D
Acq: 24 Mar 2019 19:11

Tgt Ion: 117 Resp: 40228
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.296 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

MW-4

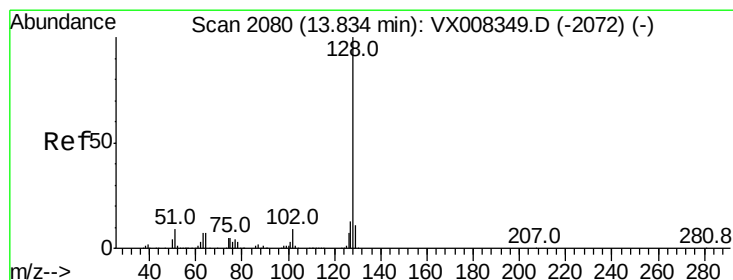
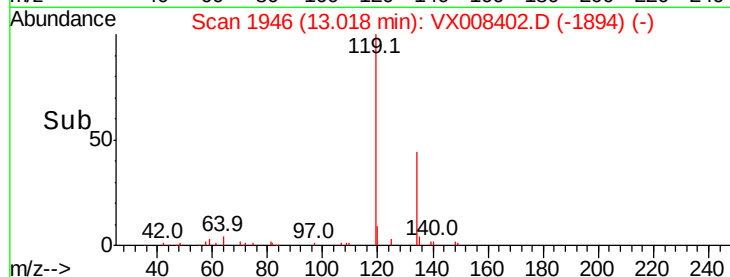
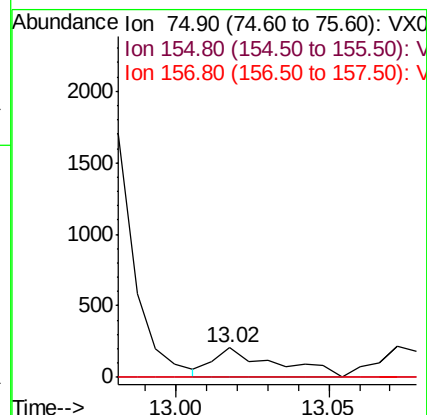
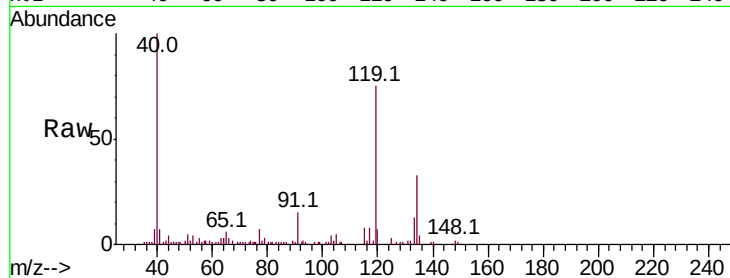
Tot Ion: 75 Resp: 295

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 0.0 63.8 191.4#



#95

Naphthalene

Concen: 15.965 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008402.D

Acq: 24 Mar 2019 19:11

Tgt Ion:128 Resp: 191037

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.3 8.7 13.1

