

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010820.D
 Acq On : 11 Jul 2019 20:17
 Operator : JC/SP
 Sample : K3749-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Jul 12 06:58:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156438	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	114873	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	
35) Dibromofluoromethane	5.50	113	107109	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	418792	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	147752	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.28	50	6901	3.867	ug/l #	46
6) Chloroethane	1.89	64	1415	1.227	ug/l #	41
11) Tert butyl alcohol	3.02	59	817	1.511	ug/l #	74
13) Acrolein	2.27	56	3648	10.169	ug/l #	1
14) Allyl chloride	2.84	41	11616	4.283	ug/l #	25
15) Acrylonitrile	3.18	53	1665	1.555	ug/l #	47
16) Acetone	2.44	43	8785	8.482	ug/l	97
17) Carbon Disulfide	2.58	76	1716	0.335	ug/l #	87
18) Methyl Acetate	2.84	43	27426	13.286	ug/l #	48
19) Methyl tert-butyl Ether	3.19	73	5714	0.951	ug/l #	1
23) Vinyl Acetate	3.82	43	980	0.200	ug/l #	68
25) 2-Butanone	4.69	43	2979	1.961	ug/l	97
30) Chloroform	5.27	83	2895	0.821	ug/l #	35
31) Cyclohexane	5.58	56	16268	5.450	ug/l #	89
36) 1,1-Dichloropropene	5.66	75	14422	5.190	ug/l #	47
38) Carbon Tetrachloride	5.67	117	19749	6.563	ug/l #	14
39) Methylcyclohexane	7.46	83	12476	3.415	ug/l	90
40) Benzene	6.15	78	595115	68.737	ug/l	100
41) Methacrylonitrile	5.07	41	876	0.558	ug/l #	31
42) 1,2-Dichloroethane	6.15	62	5718	2.170	ug/l #	71
43) Isopropyl Acetate	6.46	43	1374	0.290	ug/l #	63
47) Bromodichloromethane	7.85	83	638	0.222	ug/l #	74
49) 1,4-Dioxane	7.71	88	22	0.347	ug/l #	28
52) Toluene	8.79	92	17930	3.145	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	5266	2.239	ug/l #	19
56) Ethyl methacrylate	9.16	69	788	0.221	ug/l #	1
59) 2-Hexanone	9.52	43	569	0.239	ug/l	99
65) Chlorobenzene	10.13	112	2022	0.308	ug/l	96
67) Ethyl Benzene	10.25	91	19743	1.780	ug/l	100
68) m/p-Xylenes	10.35	106	30182	7.023	ug/l	100
69) o-Xylene	10.69	106	1445	0.342	ug/l	91
73) Isopropylbenzene	11.02	105	51916	4.896	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	73392	25.745	ug/l #	33
78) n-propylbenzene	11.36	91	40231	3.452	ug/l	99

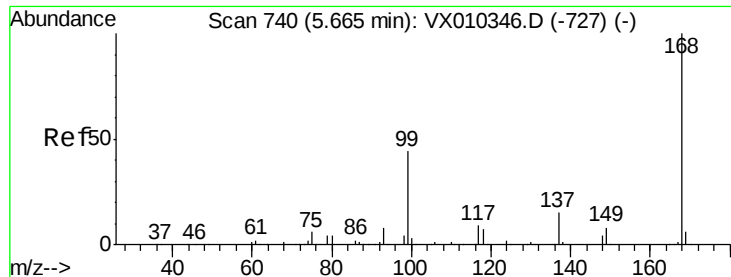
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
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Quant Time: Jul 12 06:58:23 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.36	91	40231	5.797	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	73392	60.061	ug/l #	16
82) 4-Chlorotoluene	11.36	91	40231	5.094	ug/l #	42
83) tert-Butylbenzene	11.77	119	1815	0.207	ug/l	88
84) 1,2,4-Trimethylbenzene	11.66	105	25451	2.898	ug/l	79
85) sec-Butylbenzene	11.94	105	3129	0.304	ug/l #	54
89) n-Butylbenzene	12.38	91	2982	0.368	ug/l #	74
90) Hexachloroethane	12.67	117	1890	1.147	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	177	0.234	ug/l #	1
95) Naphthalene	13.83	128	3514	0.321	ug/l #	83

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

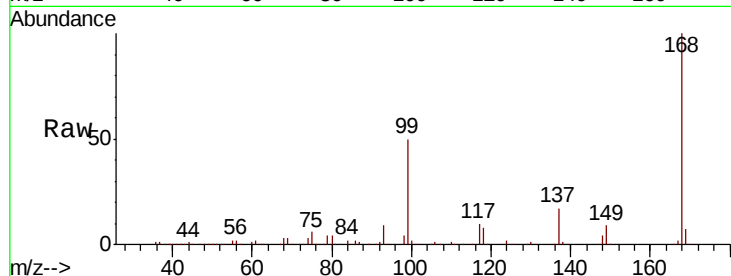
MW-7

Tot Ion:168 Resp: 220414

Ion Ratio Lower Upper

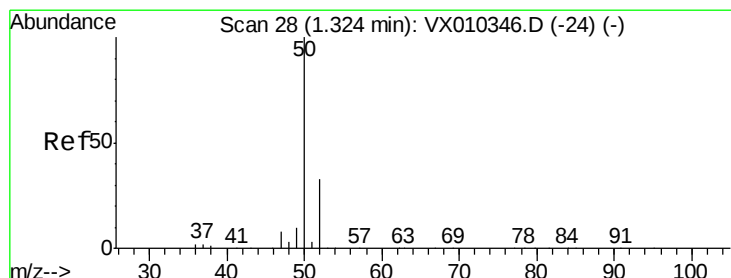
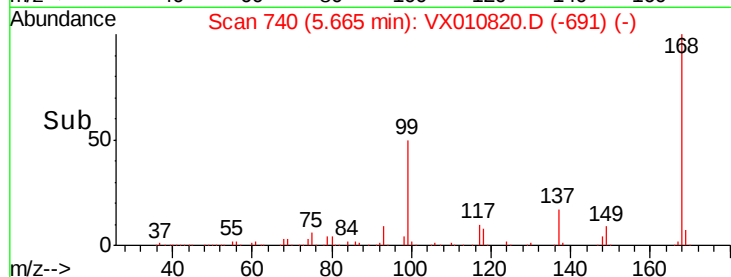
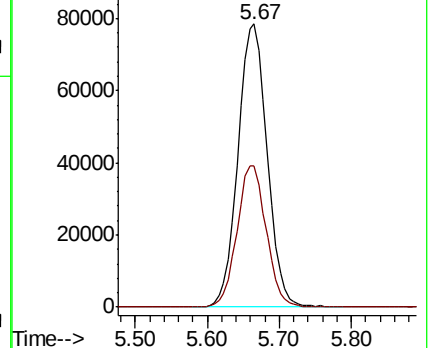
168 100

99 49.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 3.867 ug/l

RT: 1.28 min Scan# 20

Delta R.T. -0.05 min

Lab File: VX010820.D

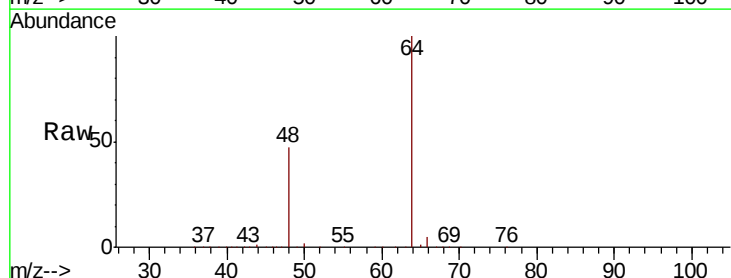
Acq: 11 Jul 2019 20:17

Tgt Ion: 50 Resp: 6901

Ion Ratio Lower Upper

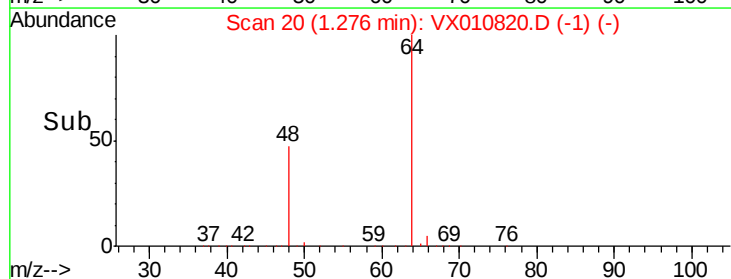
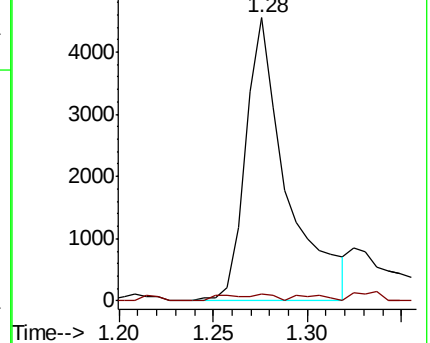
50 100

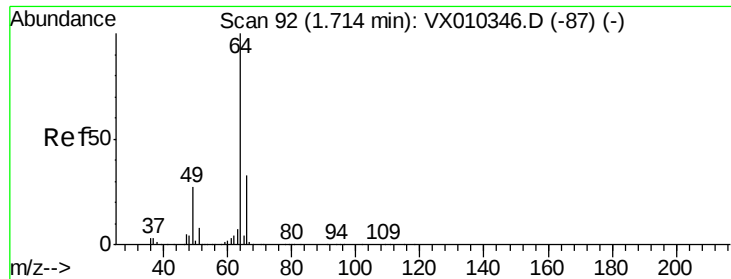
52 2.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 1.227 ug/l

RT: 1.89 min Scan# 120

Delta R.T. 0.17 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

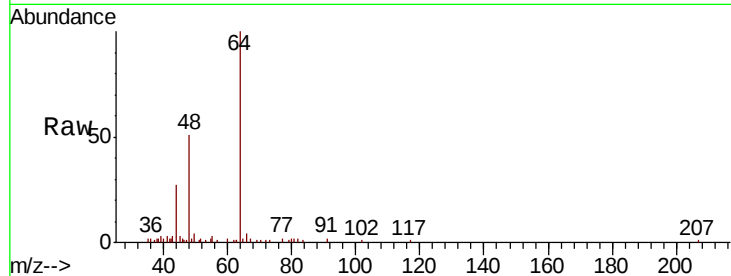
MW-7

Tot Ion: 64 Resp: 1415

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.89

6000

5000

4000

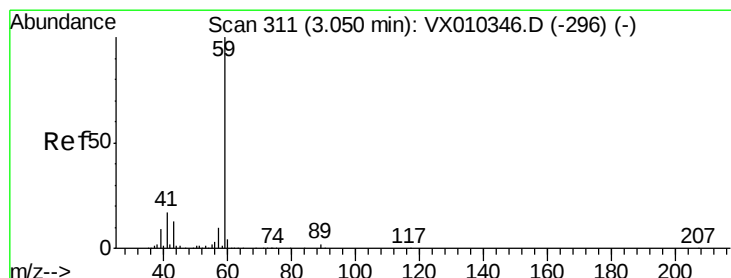
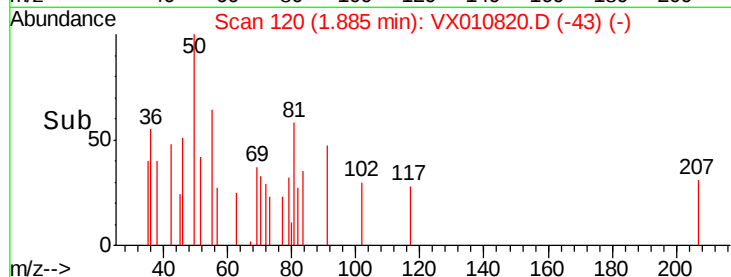
3000

2000

1000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.511 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010820.D

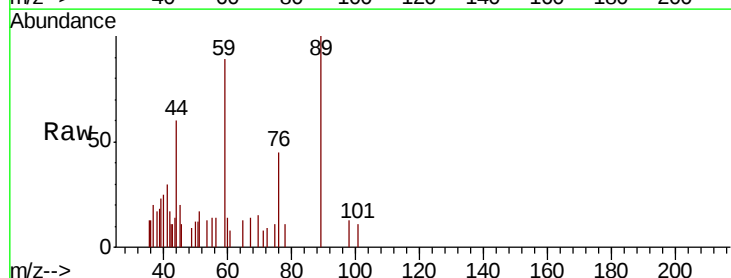
Acq: 11 Jul 2019 20:17

Tgt Ion: 59 Resp: 817

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

600

500

400

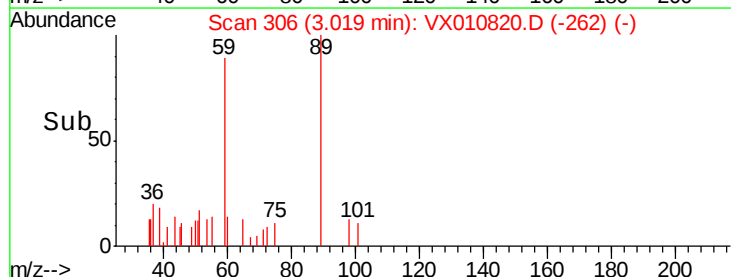
300

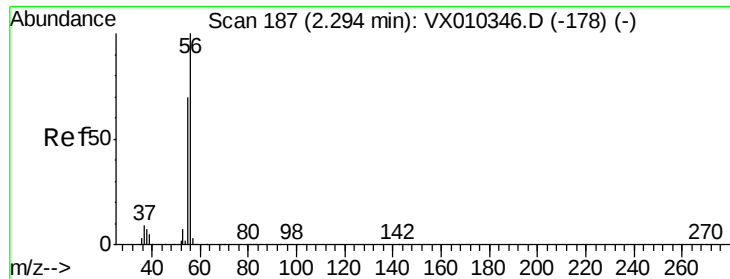
200

100

0

Time-->





#13

Acrolein

Concen: 10.169 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

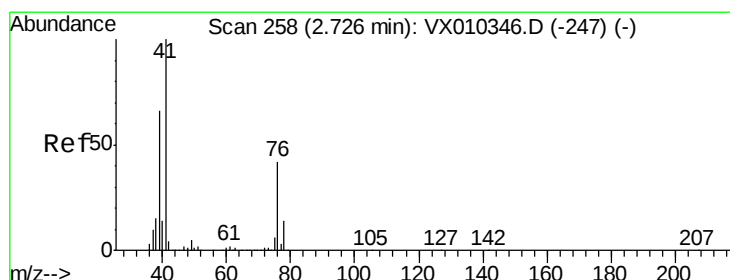
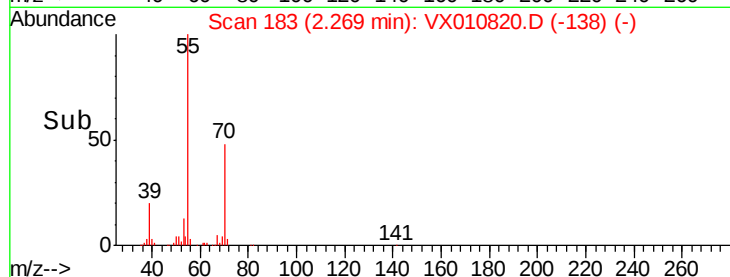
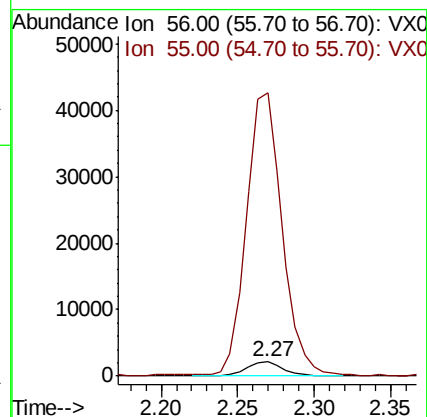
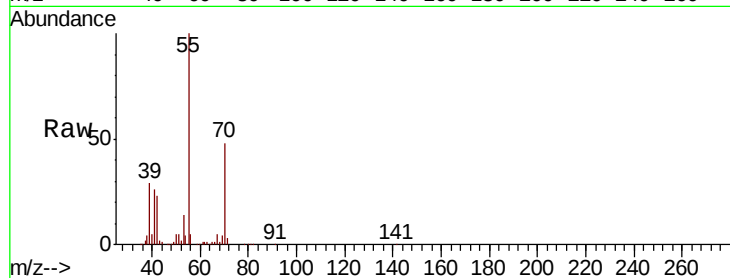
MW-7

Tot Ion: 56 Resp: 3648

Ion Ratio Lower Upper

56 100

55 1885.1 56.9 85.3#



#14

Allyl chloride

Concen: 4.283 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

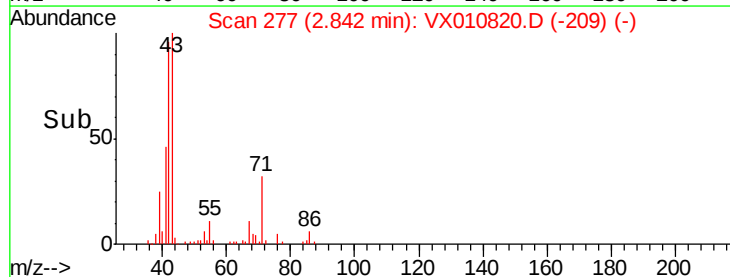
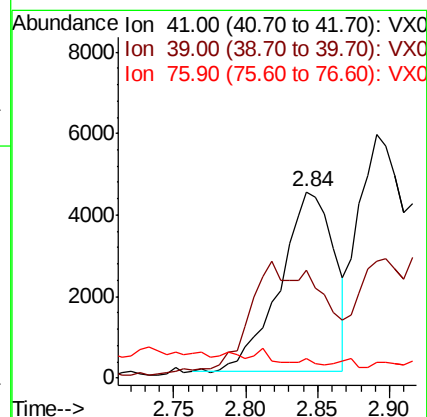
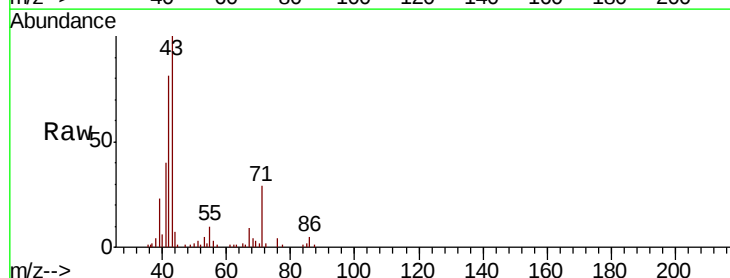
Tgt Ion: 41 Resp: 11616

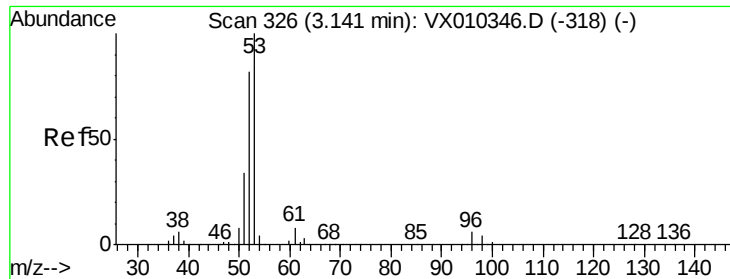
Ion Ratio Lower Upper

41 100

39 0.0 50.3 75.5#

76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 1.555 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

MW-7

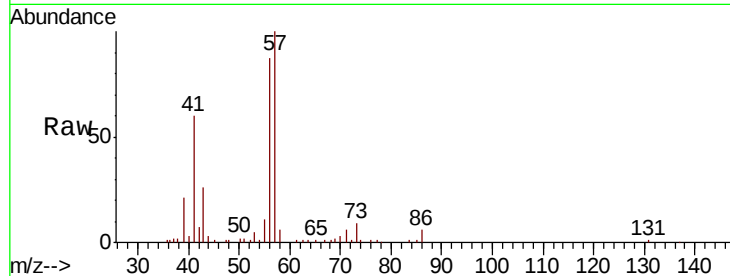
Tot Ion: 53 Resp: 1665

Ion Ratio Lower Upper

53 100

52 23.4 65.5 98.3#

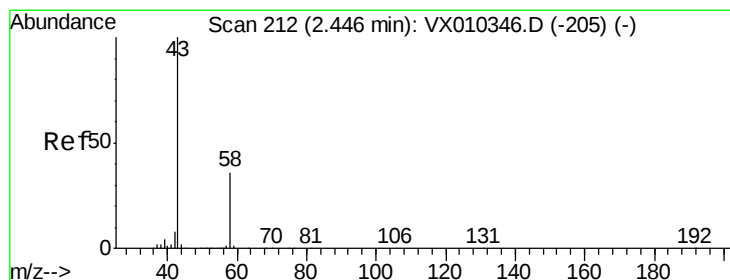
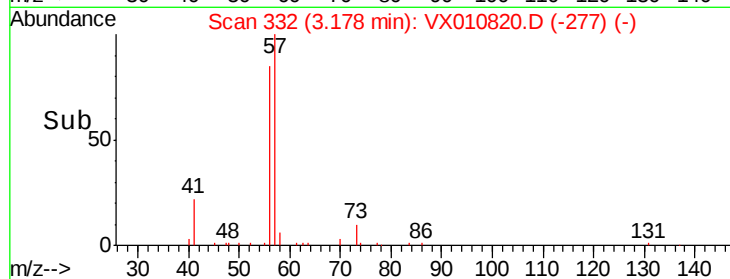
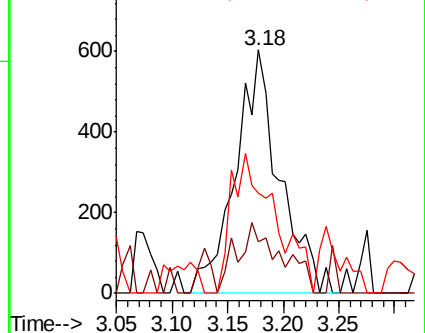
51 49.4 28.2 42.4#



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: 8.482 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010820.D

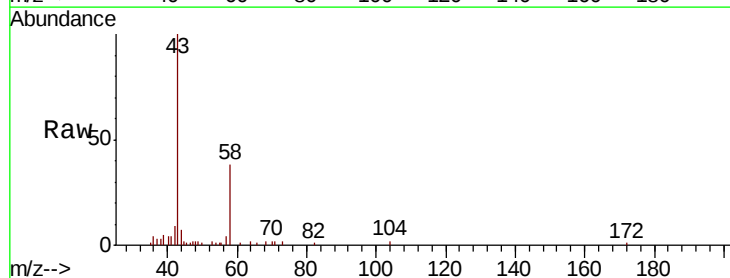
Acq: 11 Jul 2019 20:17

Tgt Ion: 43 Resp: 8785

Ion Ratio Lower Upper

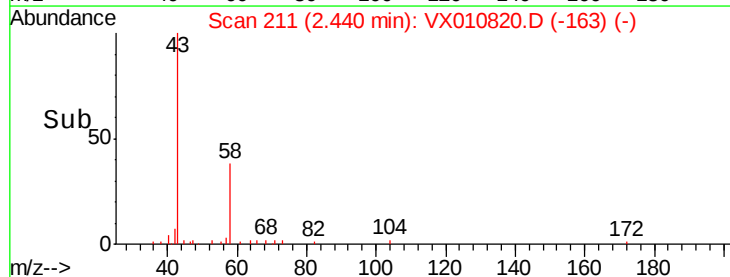
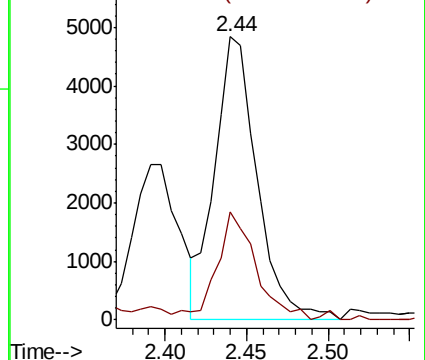
43 100

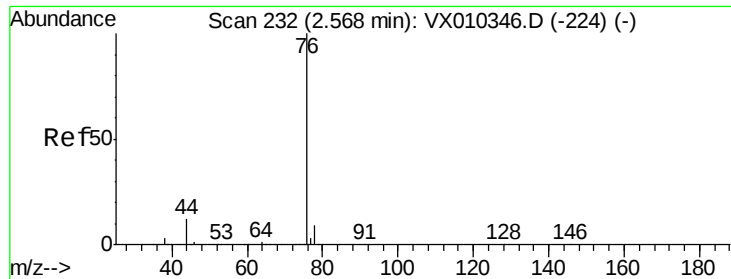
58 38.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

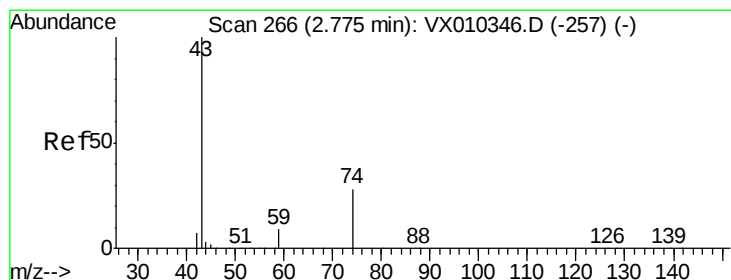
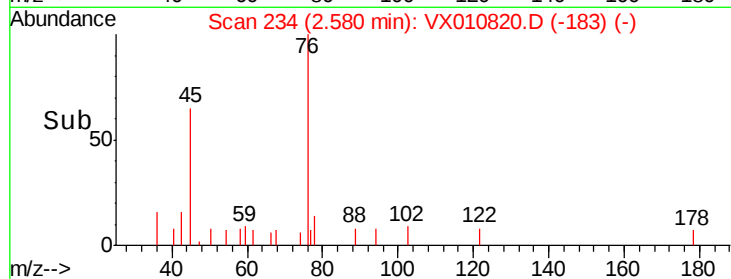
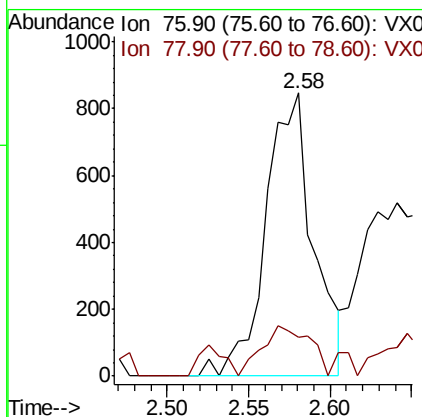
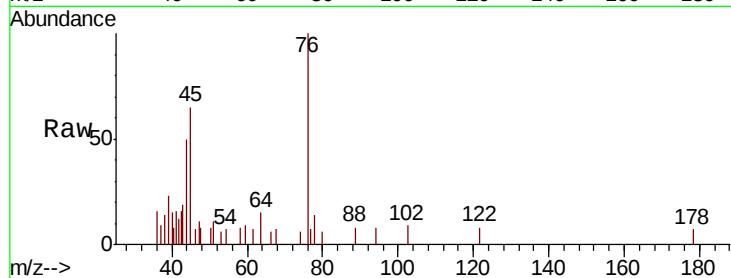




#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

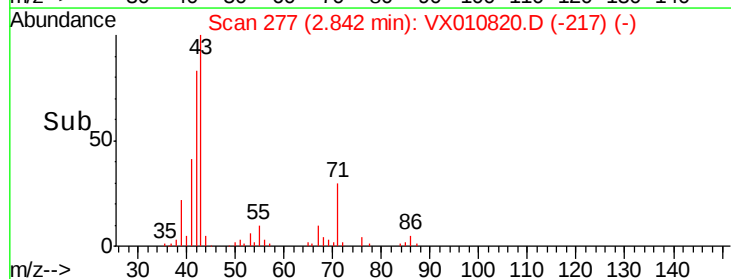
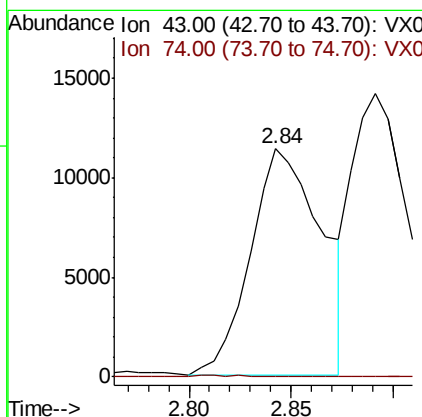
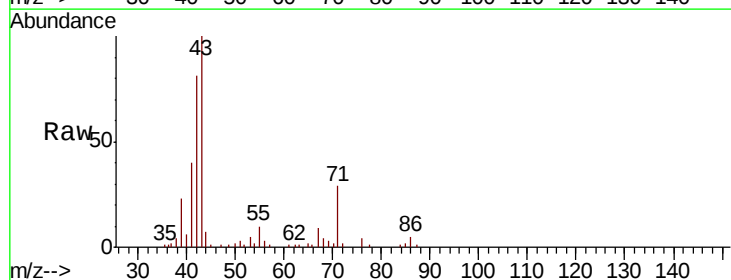
Instrument :
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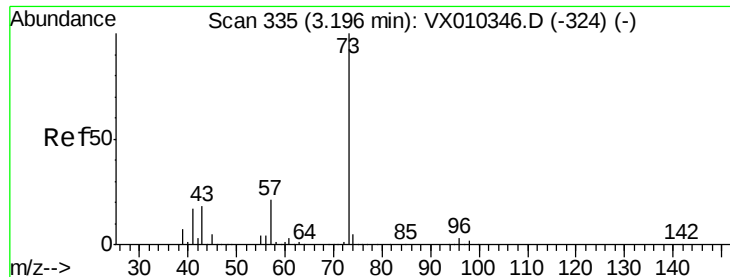
Tot Ion: 76 Resp: 1716
Ion Ratio Lower Upper
76 100
78 13.7 7.3 10.9#



#18
Methyl Acetate
Concen: 13.286 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Tgt Ion: 43 Resp: 27426
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



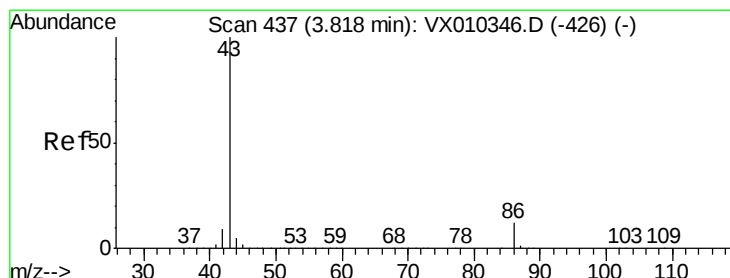
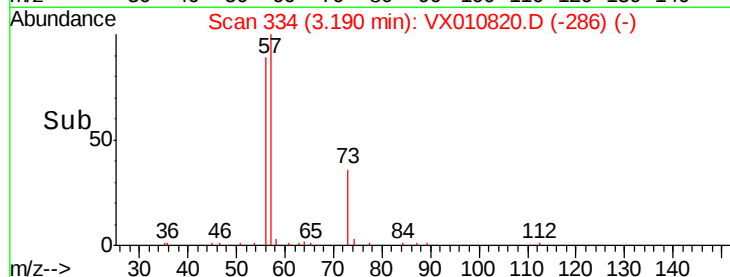
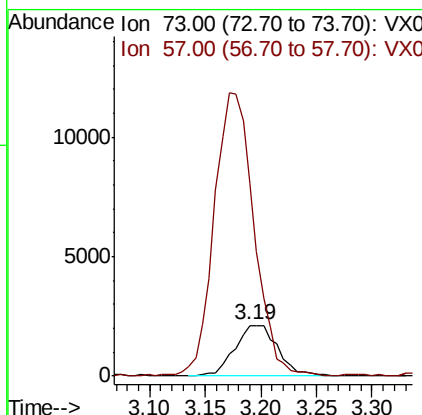
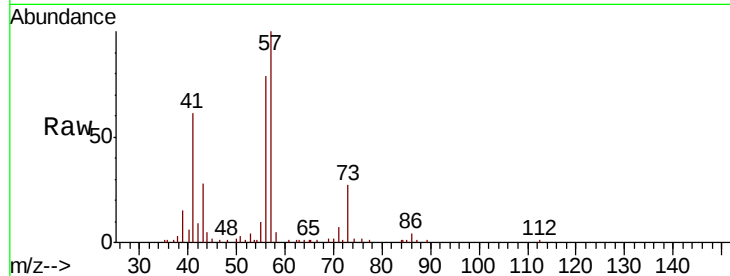


#19

Methyl tert-butyl Ether
 Concen: 0.951 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010820.D
 Acq: 11 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

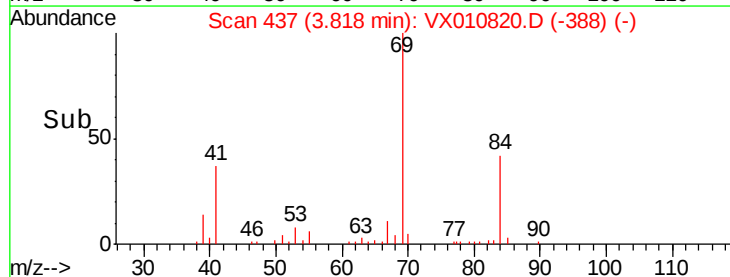
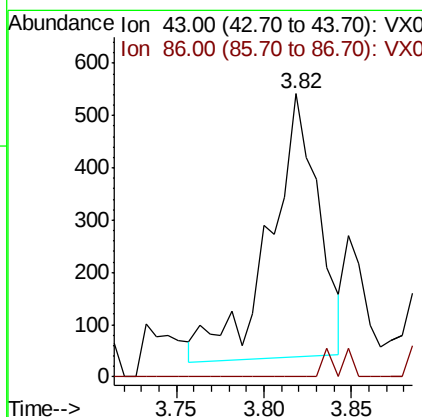
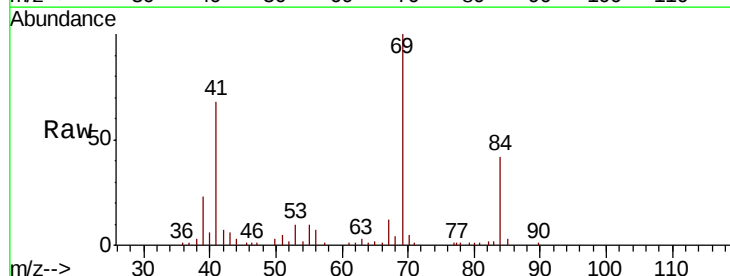
Tot Ion: 73 Resp: 5714
 Ion Ratio Lower Upper
 73 100
 57 376.7 16.4 24.6#

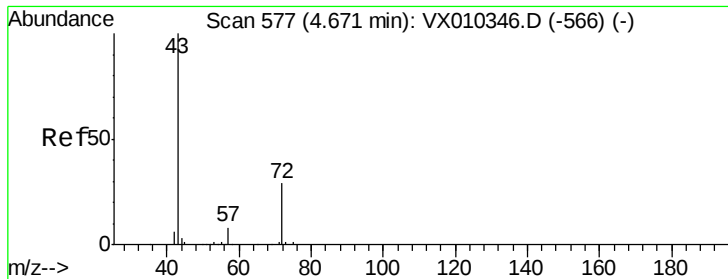


#23

Vinyl Acetate
 Concen: 0.200 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010820.D
 Acq: 11 Jul 2019 20:17

Tgt Ion: 43 Resp: 980
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#





#25

2-Butanone

Concen: 1.961 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

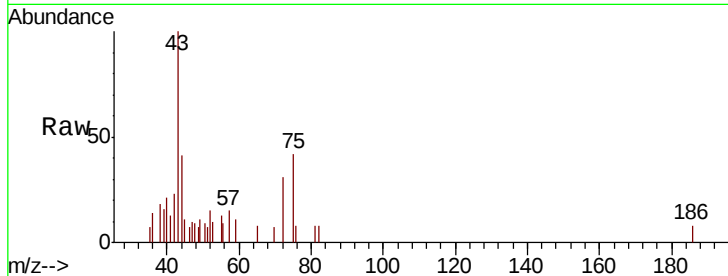
MW-7

Tot Ion: 43 Resp: 2979

Ion Ratio Lower Upper

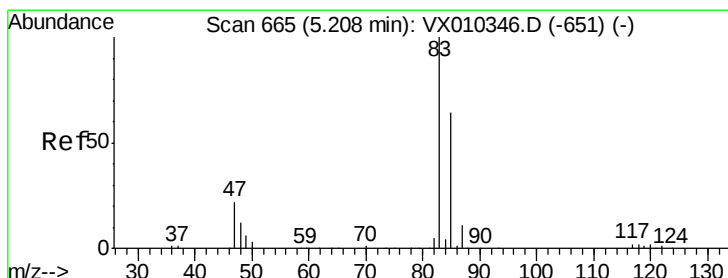
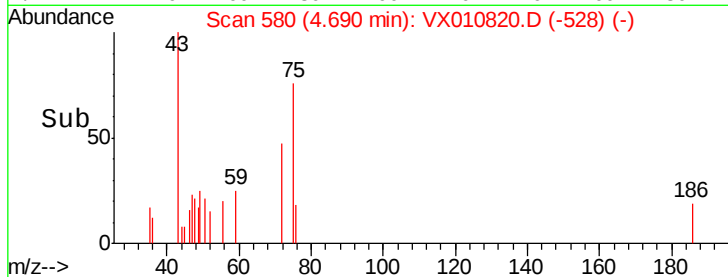
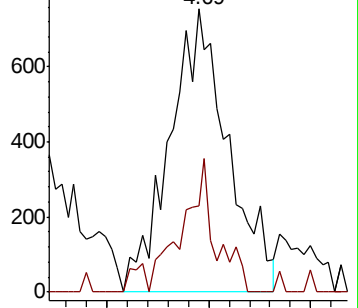
43 100

72 30.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.821 ug/l

RT: 5.27 min Scan# 675

Delta R.T. 0.06 min

Lab File: VX010820.D

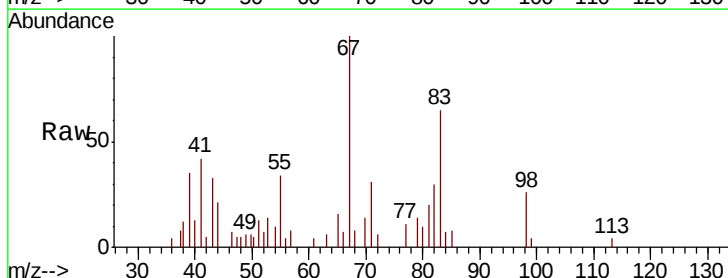
Acq: 11 Jul 2019 20:17

Tgt Ion: 83 Resp: 2895

Ion Ratio Lower Upper

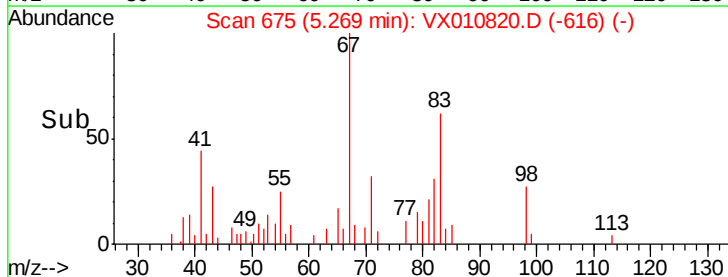
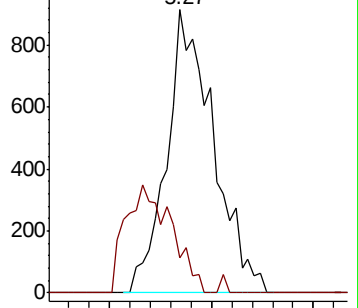
83 100

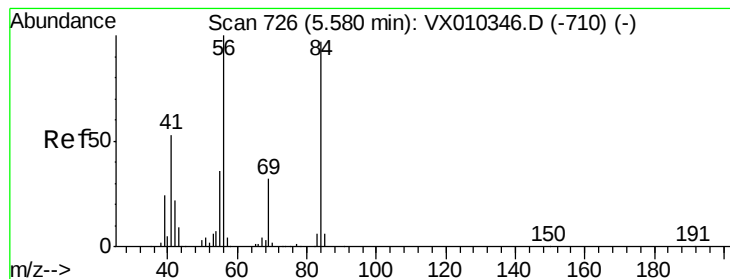
85 12.6 50.9 76.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.450 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

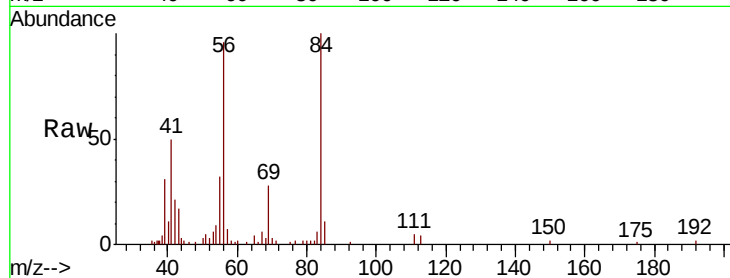
Tot Ion: 56 Resp: 16268

Ion Ratio Lower Upper

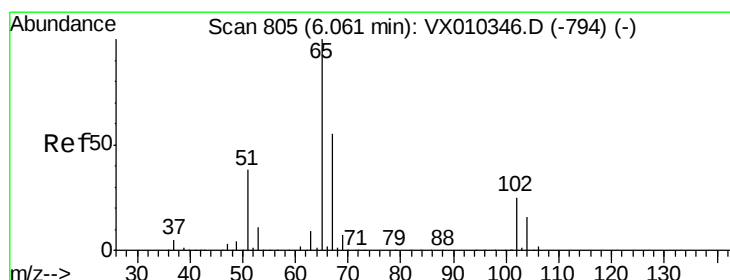
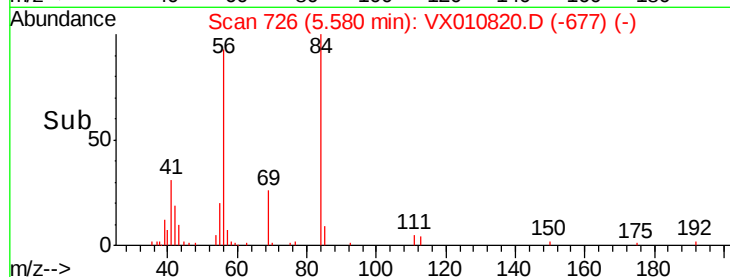
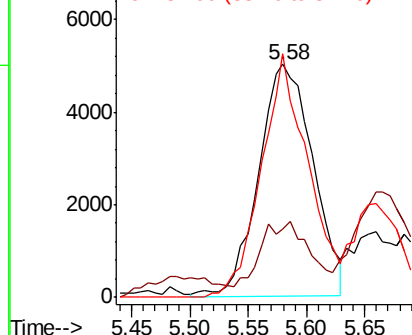
56 100

69 21.5 25.9 38.9#

84 106.2 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.585 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010820.D

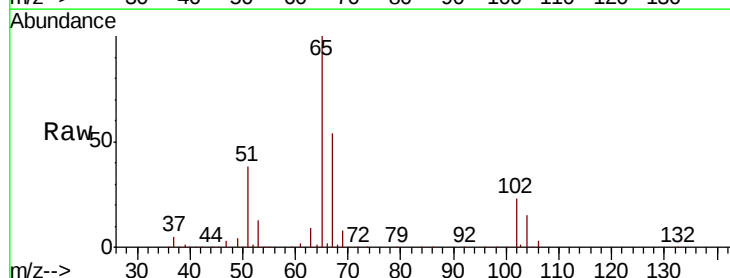
Acq: 11 Jul 2019 20:17

Tgt Ion: 65 Resp: 114873

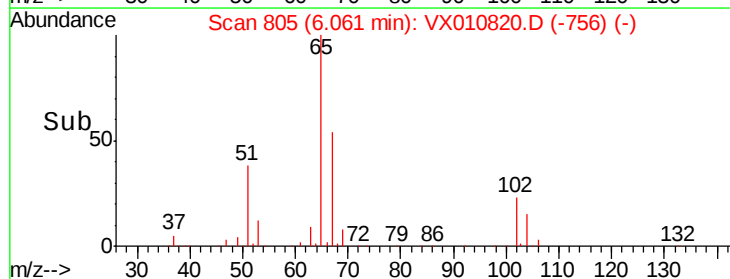
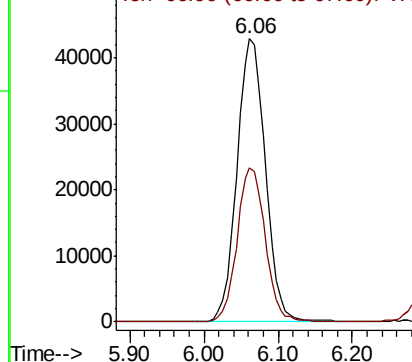
Ion Ratio Lower Upper

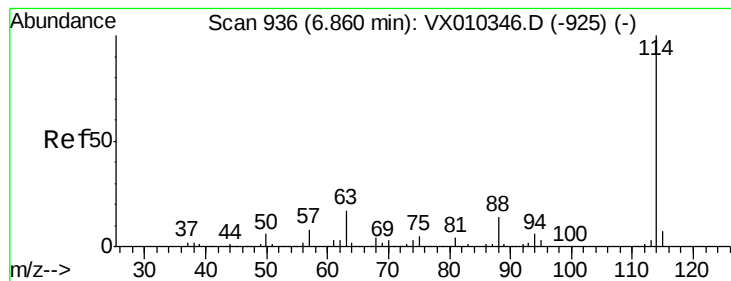
65 100

67 53.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

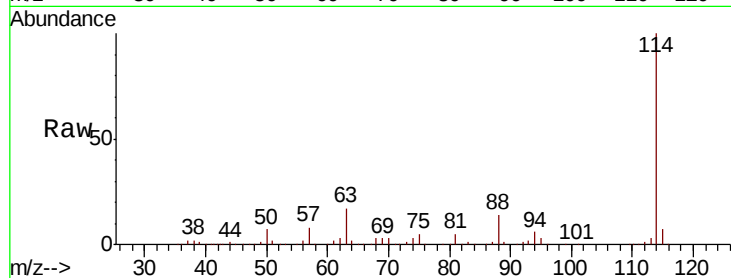
Tot Ion:114 Resp: 349712

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

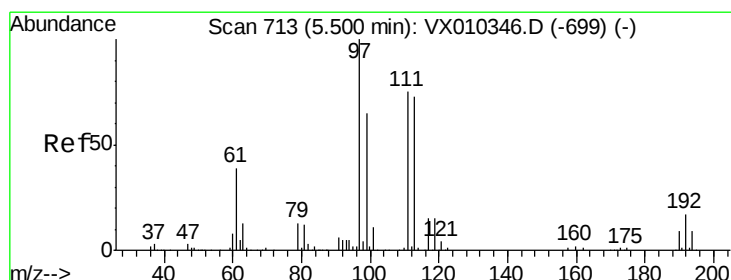
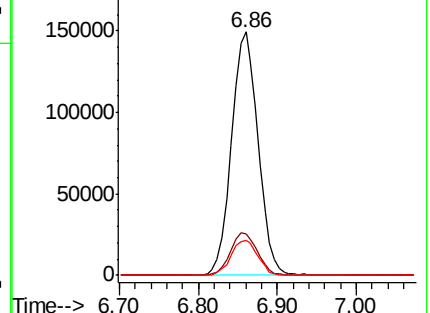
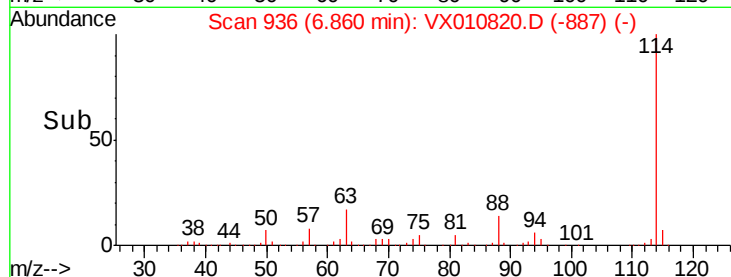
88 14.5 0.0 27.6



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: 50.059 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

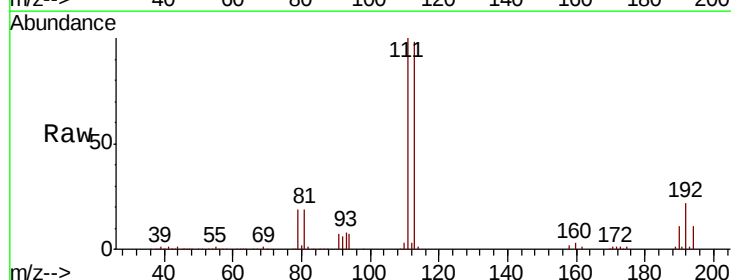
Tgt Ion:113 Resp: 107109

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

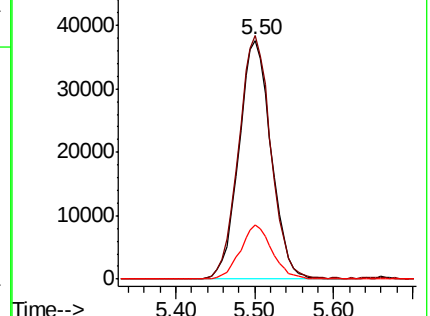
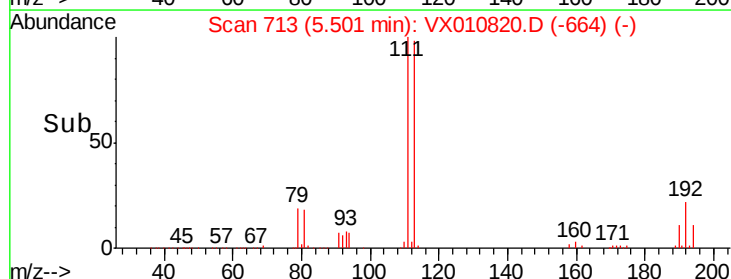
192 22.3 18.6 27.8

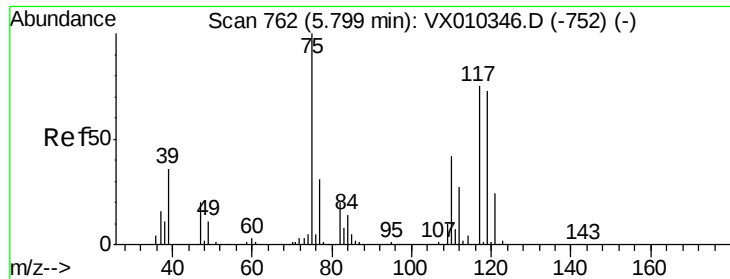


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

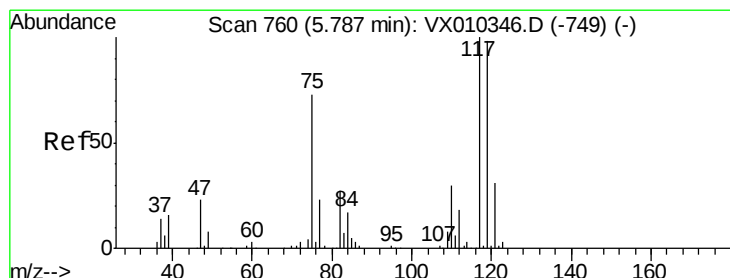
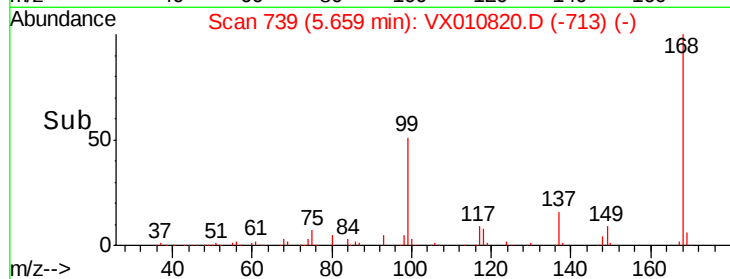
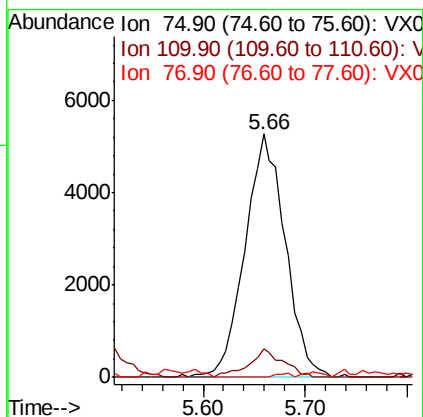
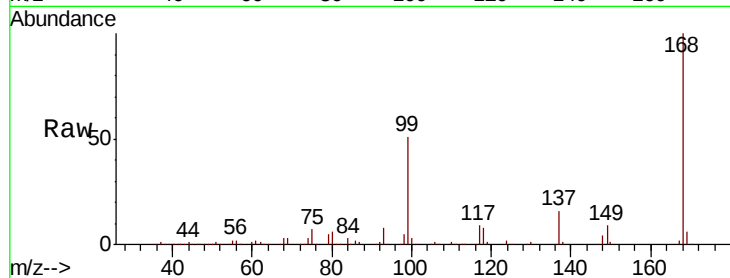




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010820.D
 Acq: 11 Jul 2019 20:17

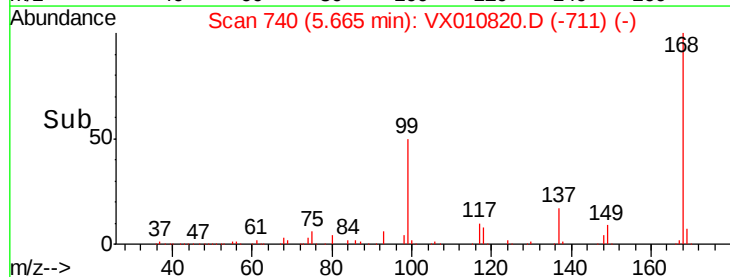
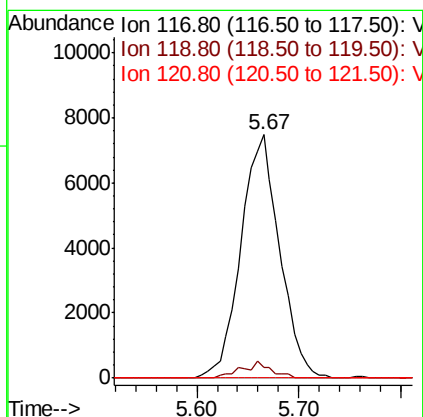
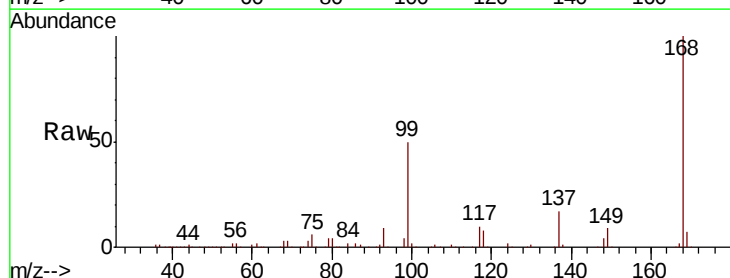
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

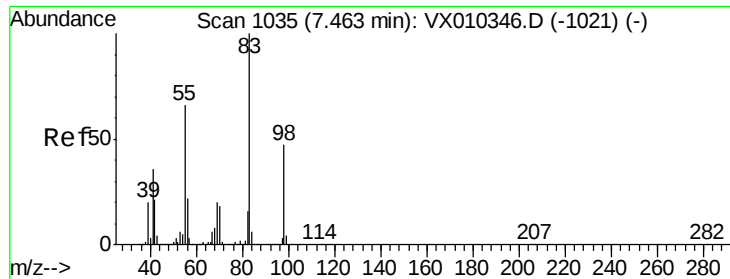
Tot Ion: 75 Resp: 14422
 Ion Ratio Lower Upper
 75 100
 110 10.0 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.563 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010820.D
 Acq: 11 Jul 2019 20:17

Tgt Ion: 117 Resp: 19749
 Ion Ratio Lower Upper
 117 100
 119 4.1 78.2 117.4#
 121 0.0 24.7 37.1#

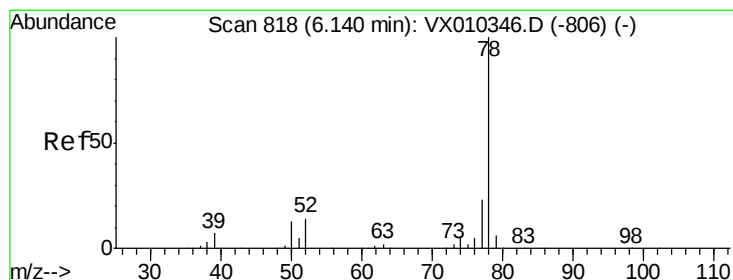
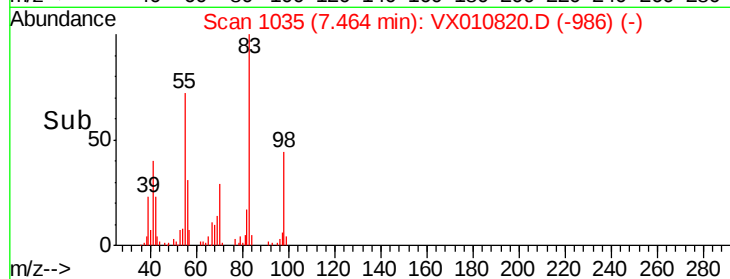
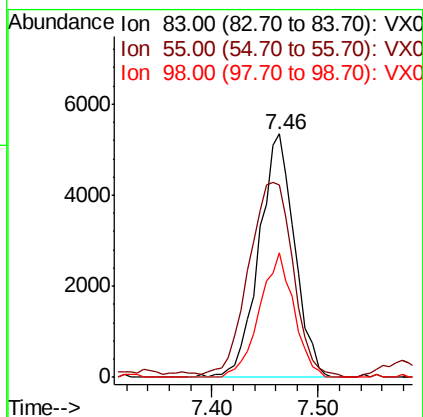
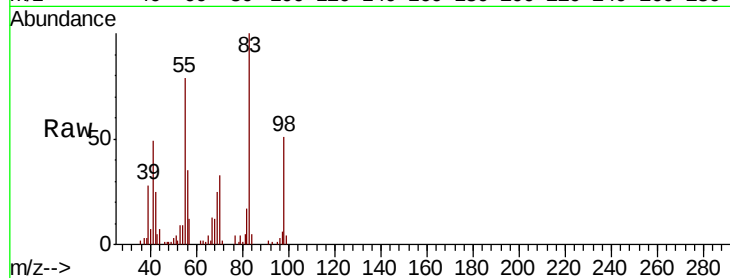




#39
Methvlcvclohexane
Concen: 3.415 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

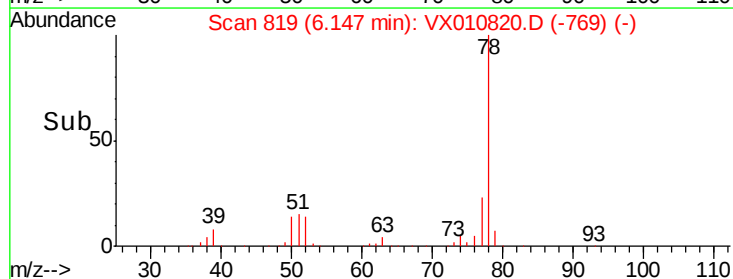
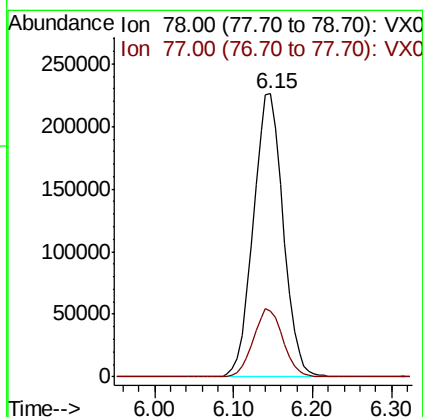
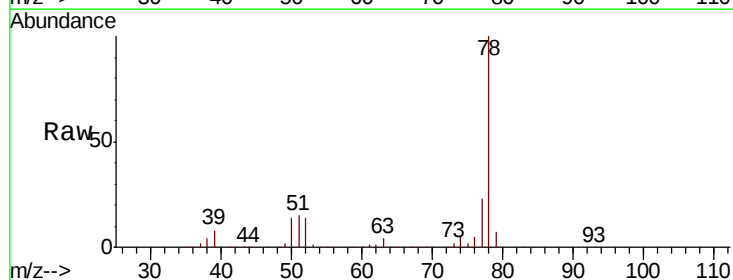
Instrument :
MSVOA_X
ClientSampleId :
MW-7

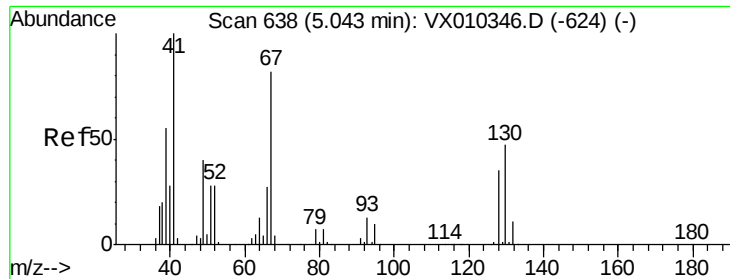
Tot Ion: 83 Resp: 12476
Ion Ratio Lower Upper
83 100
55 77.5 53.0 79.6
98 51.0 37.8 56.8



#40
Benzene
Concen: 68.737 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Tgt Ion: 78 Resp: 595115
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

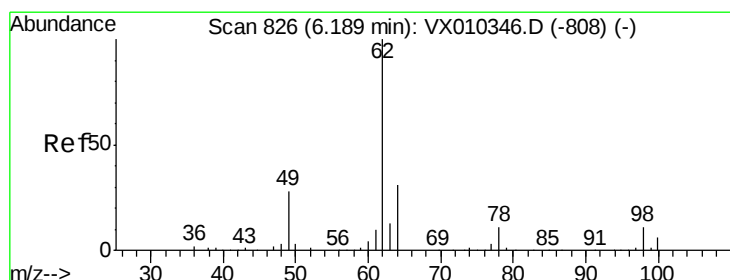
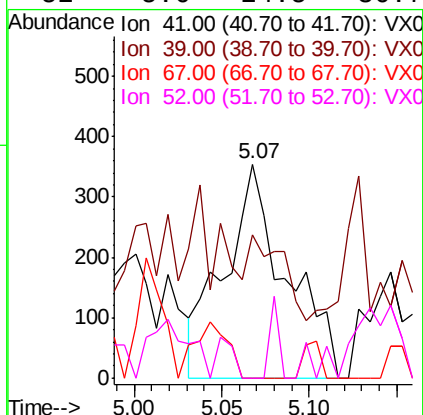
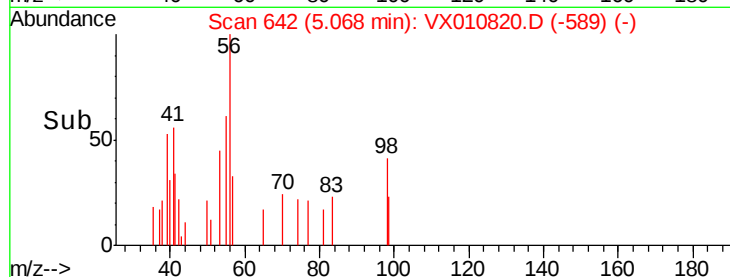
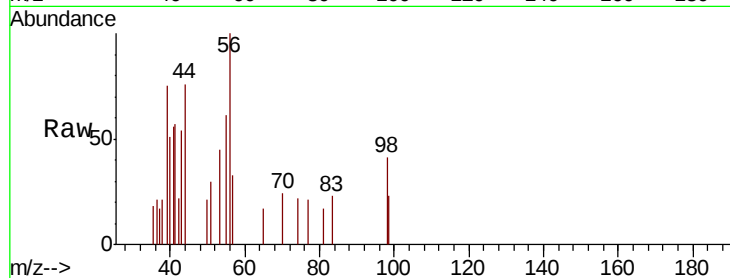




#41
Methacrylonitrile
Concen: 0.558 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.02 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

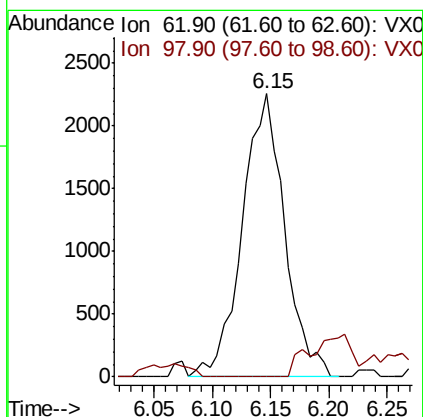
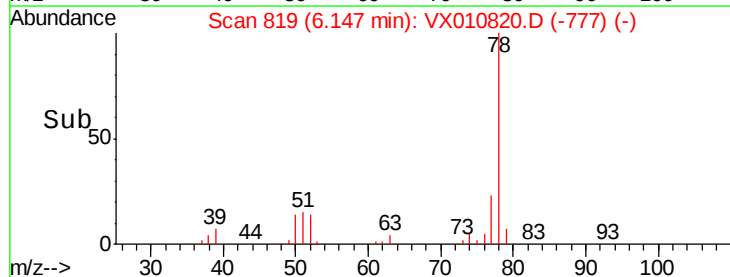
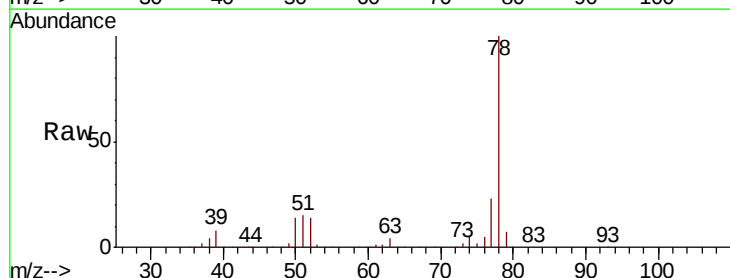
Instrument :
MSVOA_X
ClientSampled :
MW-7

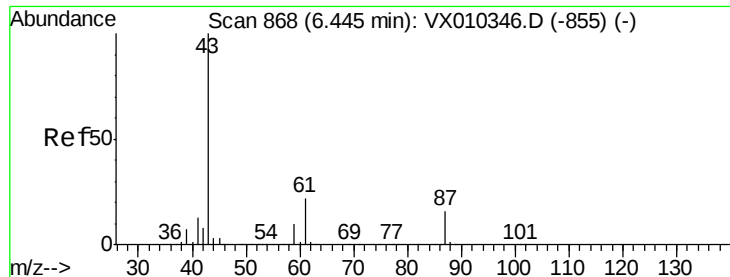
Tot Ion: 41 Resp: 876
Ion Ratio Lower Upper
41 100
39 21.2 43.8 65.8#
67 0.0 66.6 100.0#
52 5.6 24.5 36.7#



#42
1,2-Dichloroethane
Concen: 2.170 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.04 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Tgt Ion: 62 Resp: 5718
Ion Ratio Lower Upper
62 100
98 0.0 0.0 22.2





#43

Isopropyl Acetate

Concen: 0.290 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

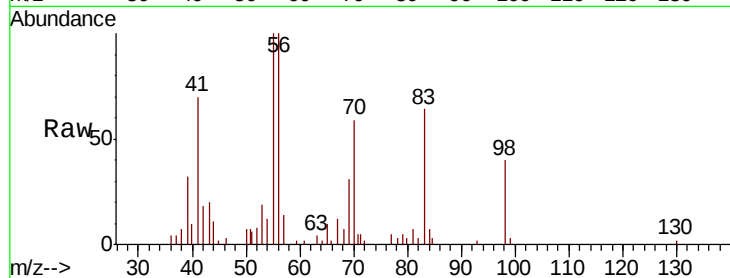
Tot Ion: 43 Resp: 1374

Ion Ratio Lower Upper

43 100

61 4.9 17.8 26.6#

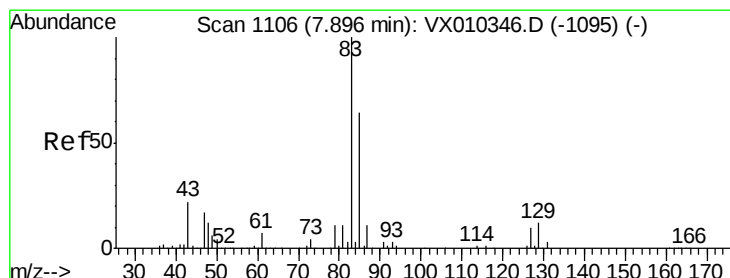
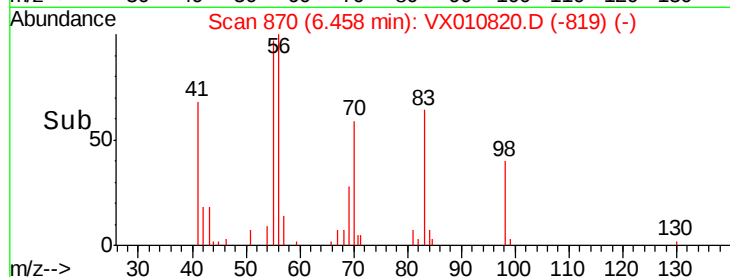
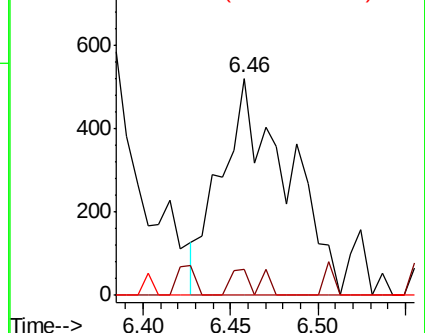
87 0.0 13.0 19.4#



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



#47

Bromodichloromethane

Concen: 0.222 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

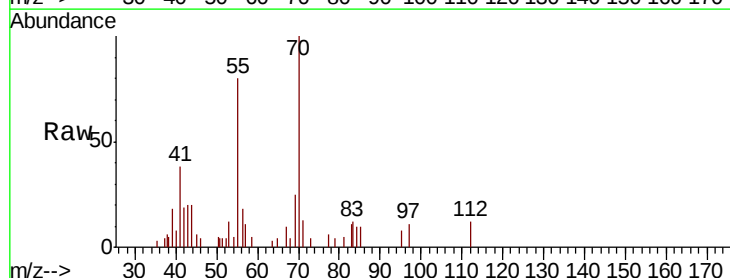
Tgt Ion: 83 Resp: 638

Ion Ratio Lower Upper

83 100

85 44.4 51.5 77.3#

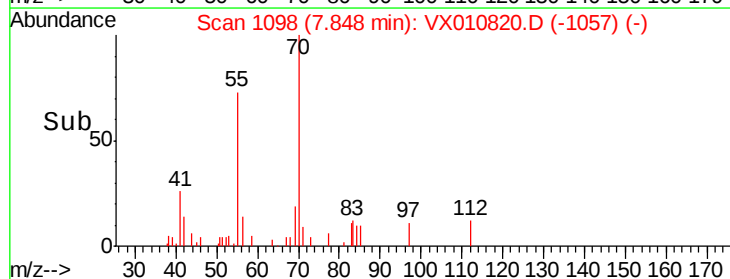
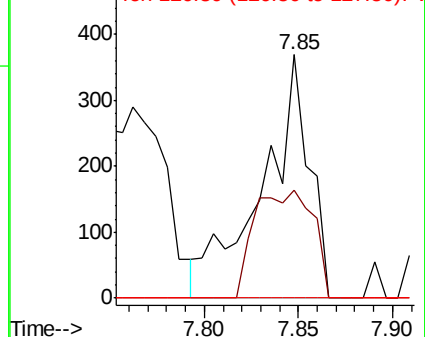
127 0.0 7.8 11.8#

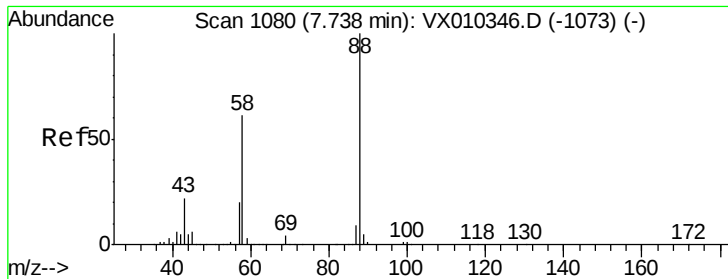


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

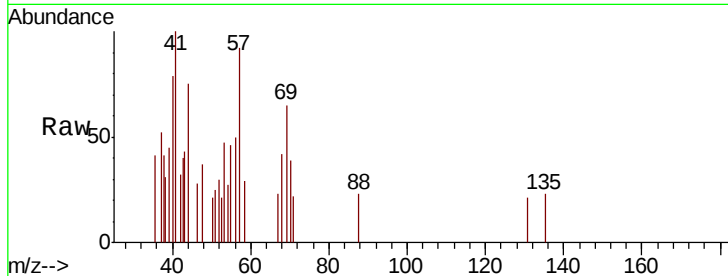




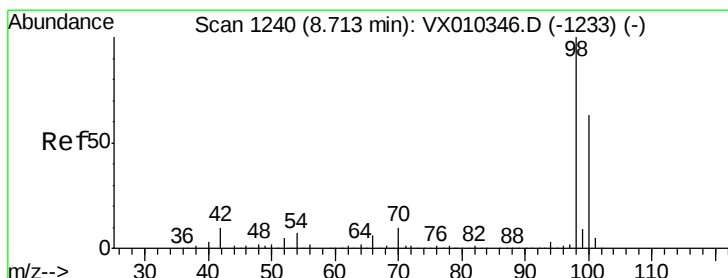
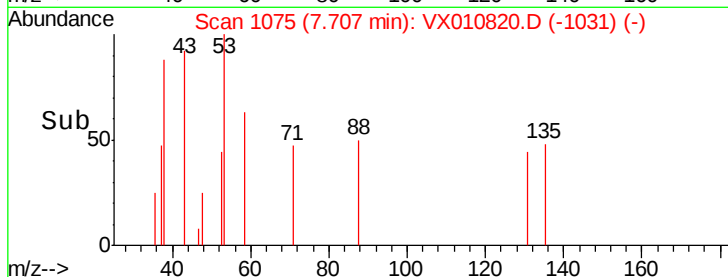
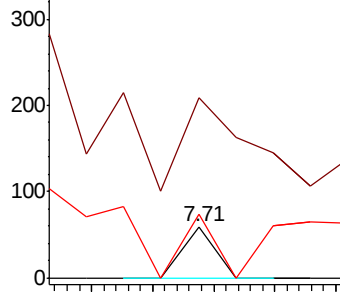
#49
1,4-Dioxane
Concen: 0.347 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.03 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

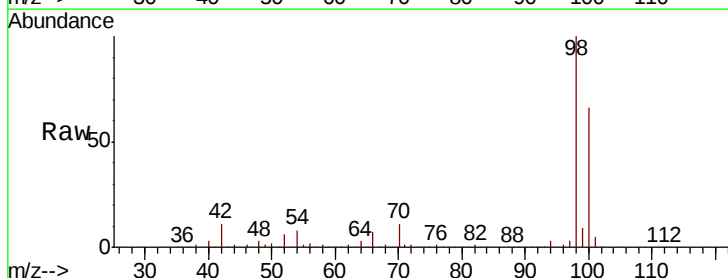


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

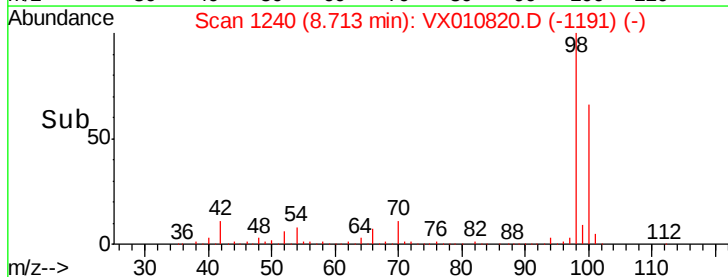
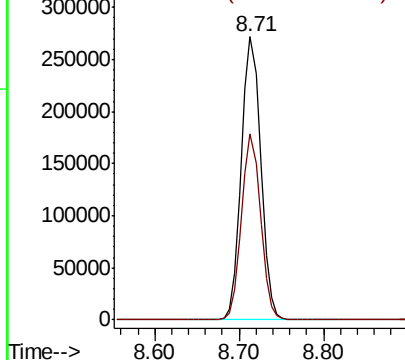


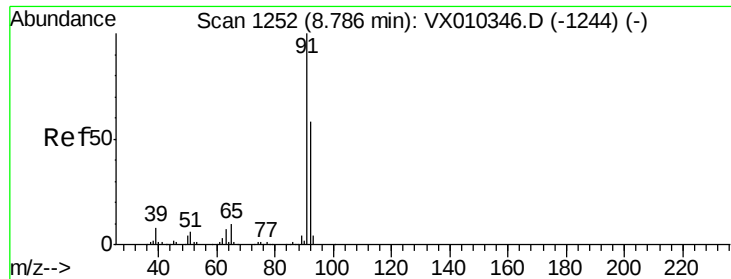
#50
Toluene-d8
Concen: 51.160 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Tgt Ion: 98 Resp: 418792
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 3.145 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

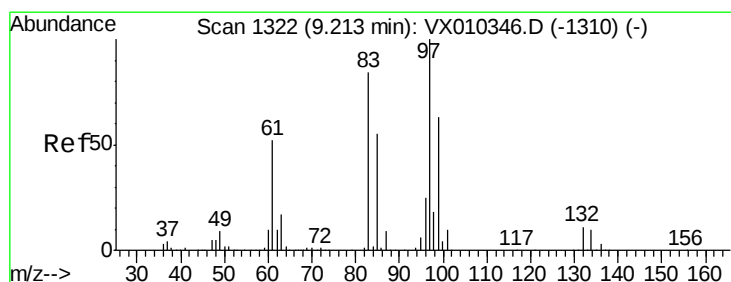
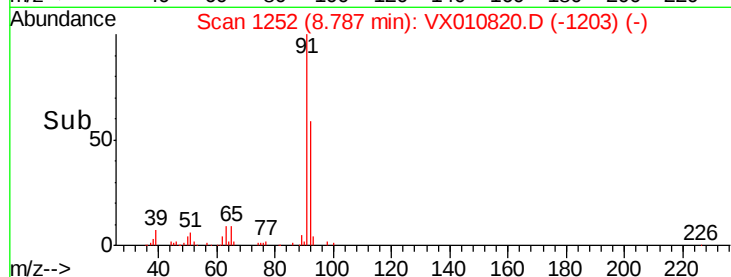
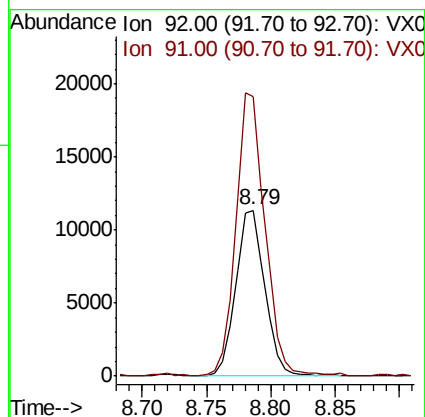
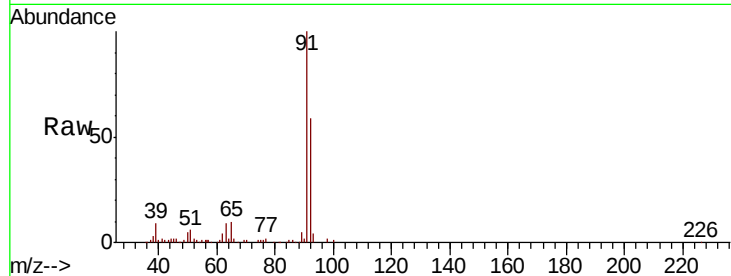
MW-7

Tot Ion: 92 Resp: 17930

Ion Ratio Lower Upper

92 100

91 170.5 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 2.239 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Tgt Ion: 97 Resp: 5266

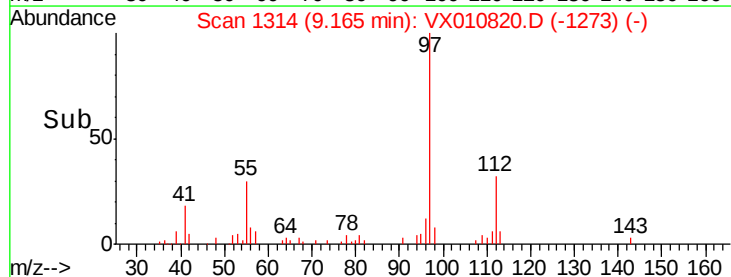
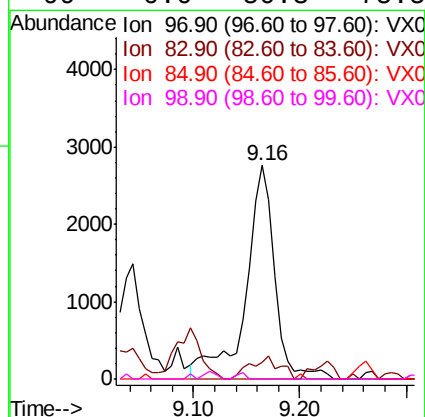
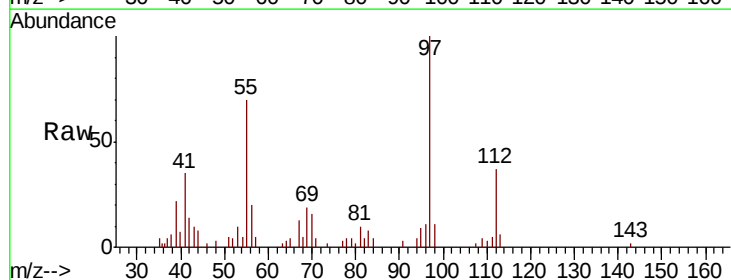
Ion Ratio Lower Upper

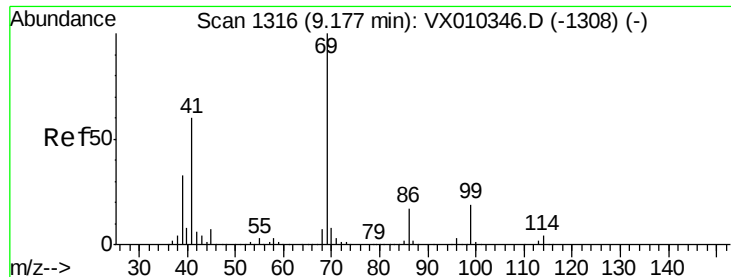
97 100

83 7.7 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.221 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

MW-7

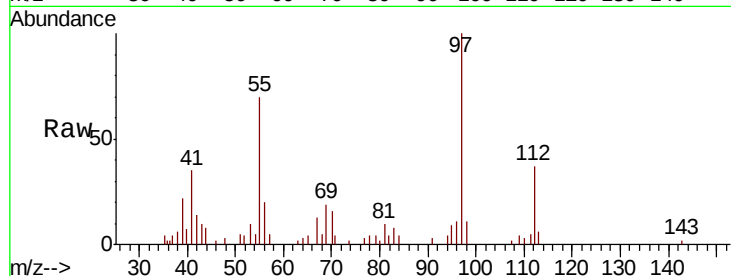
Tot Ion: 69 Resp: 788

Ion Ratio Lower Upper

69 100

41 141.5 47.1 70.7#

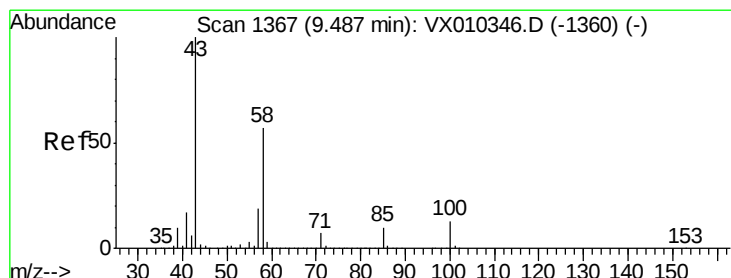
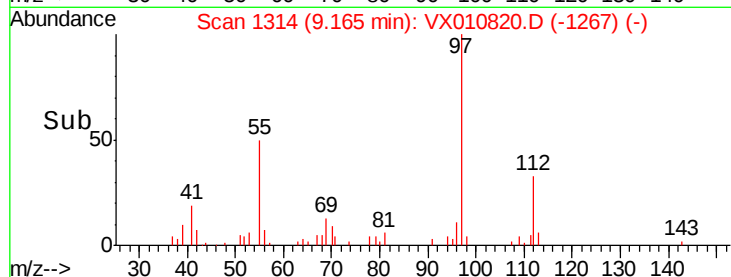
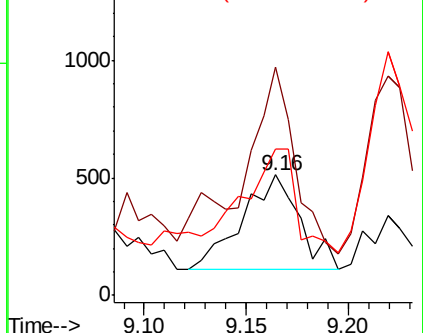
39 116.4 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.239 ug/l

RT: 9.52 min Scan# 1372

Delta R.T. 0.03 min

Lab File: VX010820.D

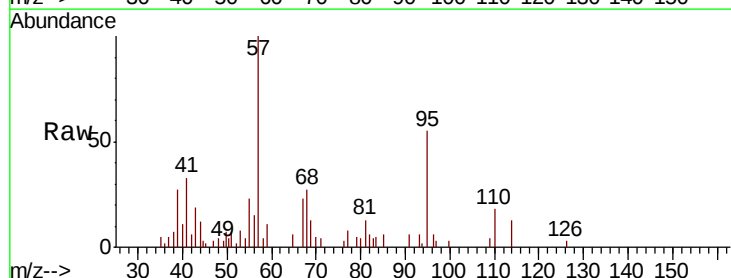
Acq: 11 Jul 2019 20:17

Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

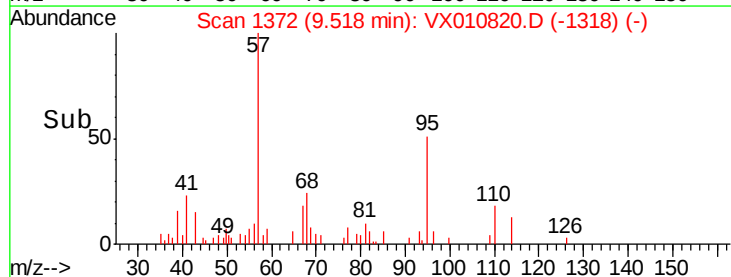
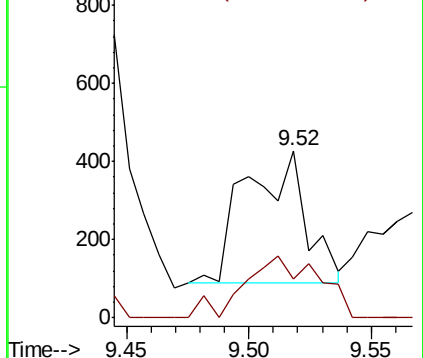
43 100

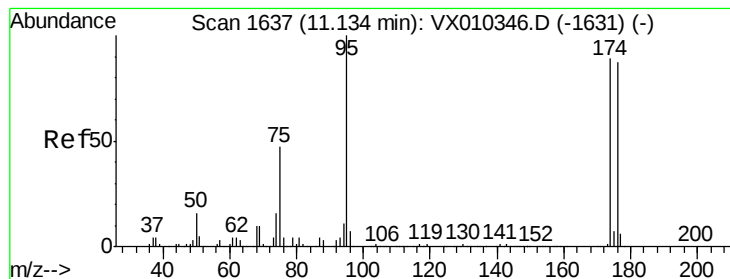
58 59.1 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

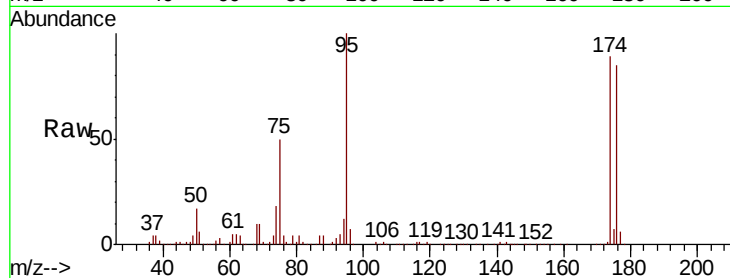
Tot Ion: 95 Resp: 147752

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.6

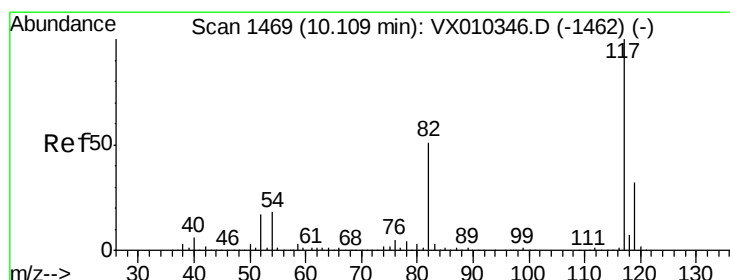
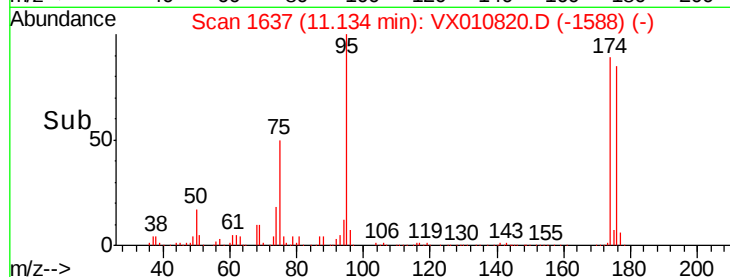
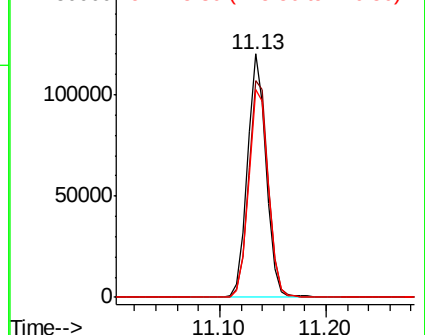
176 90.0 0.0 184.0



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# 1469

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

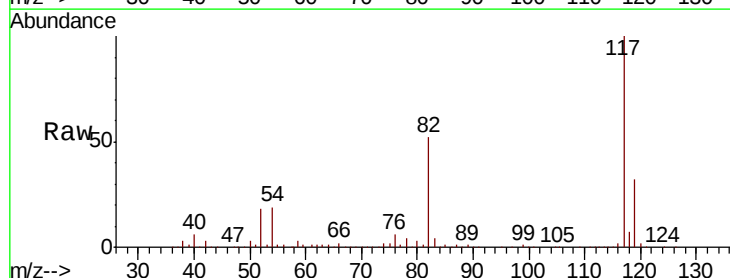
Tgt Ion: 117 Resp: 323623

Ion Ratio Lower Upper

117 100

82 51.6 41.2 61.8

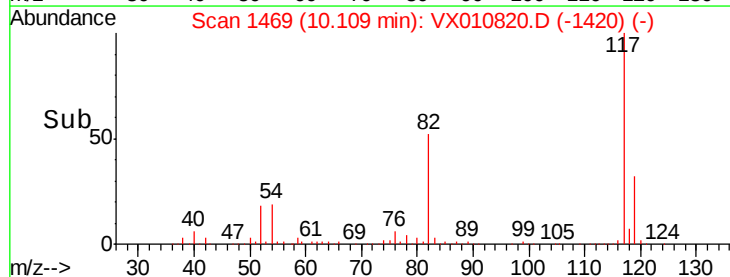
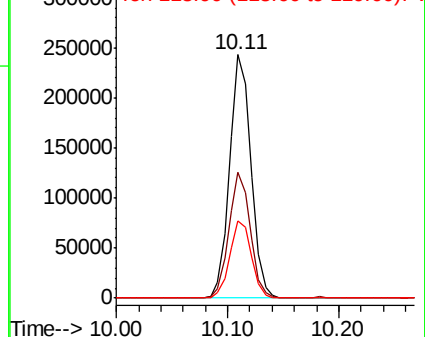
119 31.8 25.5 38.3

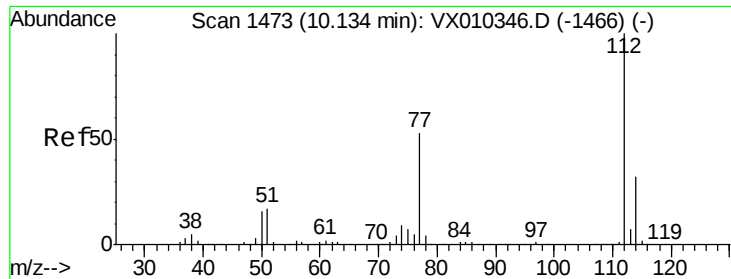


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.308 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

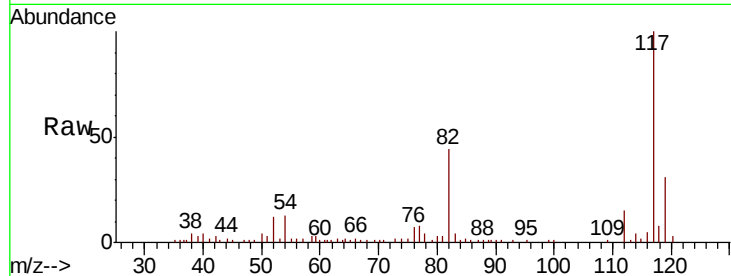
MW-7

Tot Ion:112 Resp: 2022

Ion Ratio Lower Upper

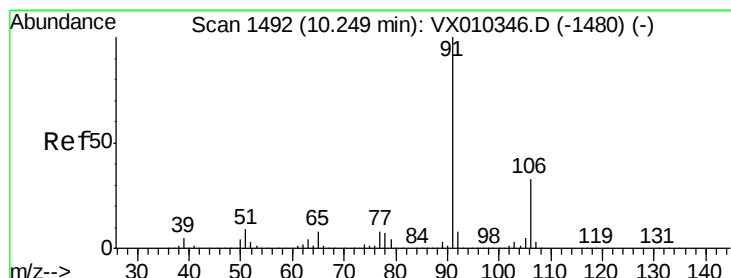
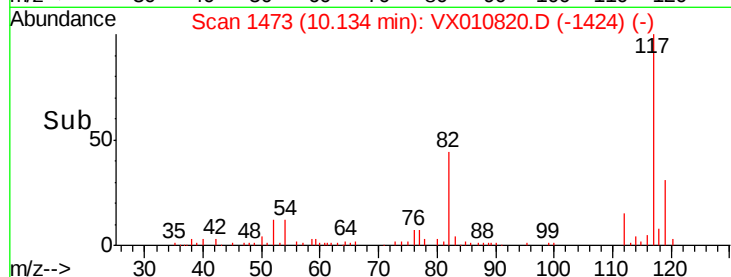
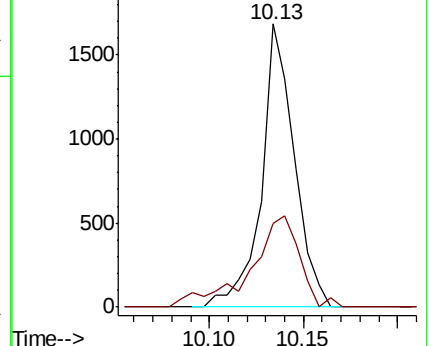
112 100

114 29.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 1.780 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010820.D

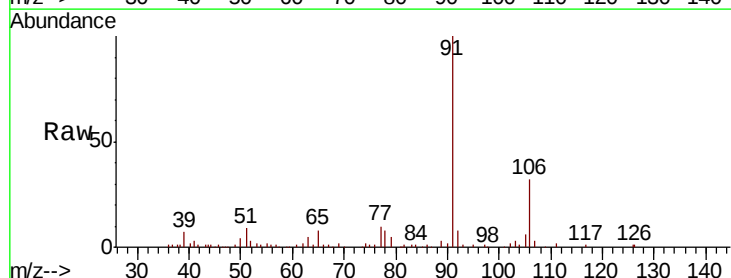
Acq: 11 Jul 2019 20:17

Tgt Ion: 91 Resp: 19743

Ion Ratio Lower Upper

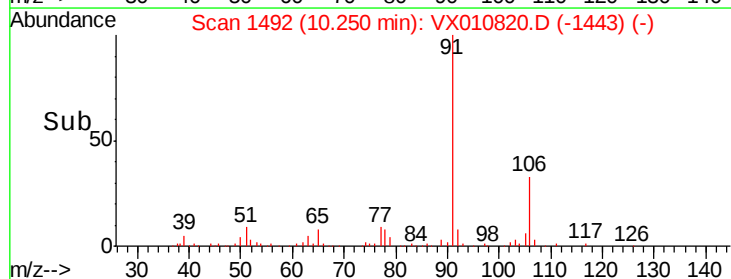
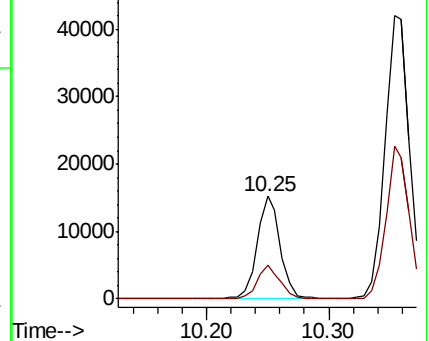
91 100

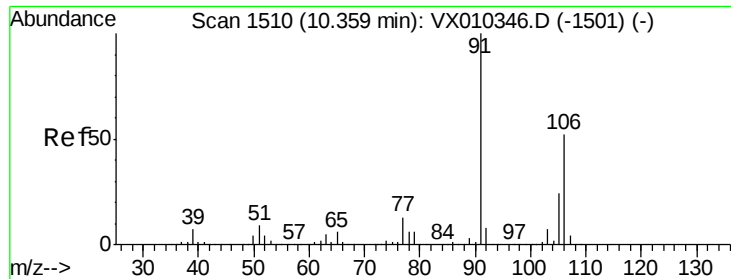
106 32.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

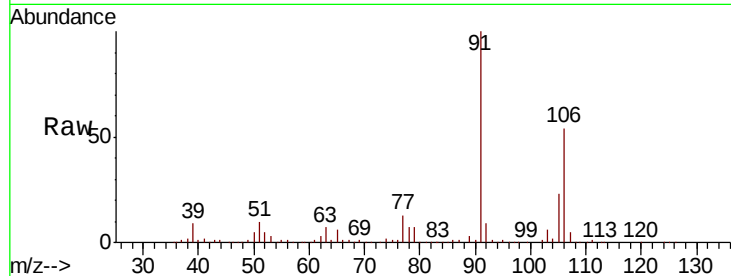




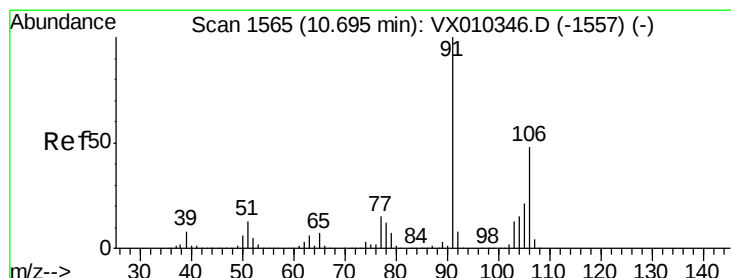
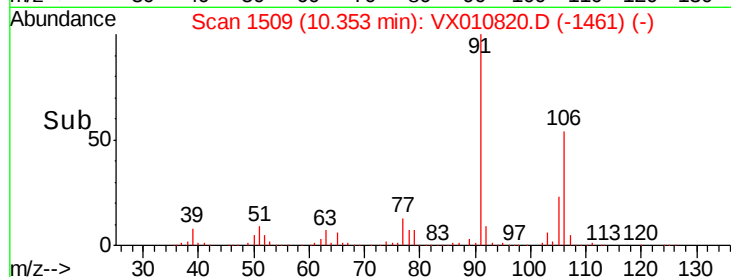
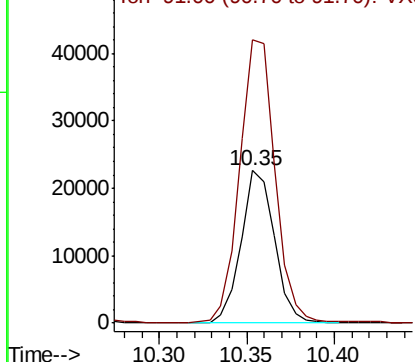
#68
m/p-Xylenes
Concen: 7.023 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion:106 Resp: 30182
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

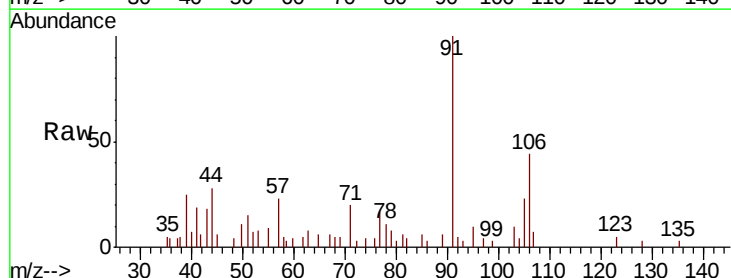


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

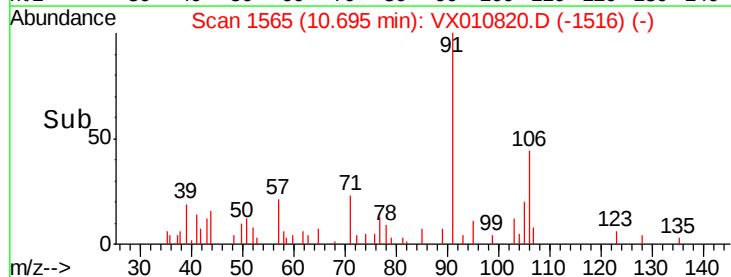
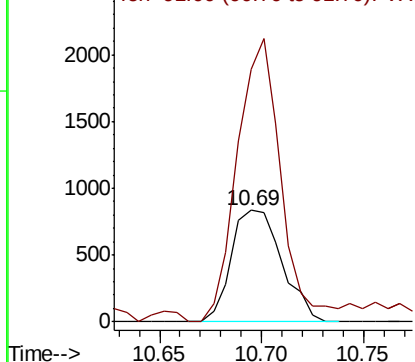


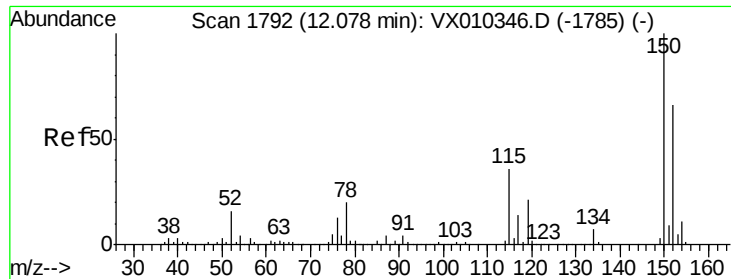
#69
o-Xylene
Concen: 0.342 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010820.D
Acq: 11 Jul 2019 20:17

Tgt Ion:106 Resp: 1445
Ion Ratio Lower Upper
106 100
91 218.7 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

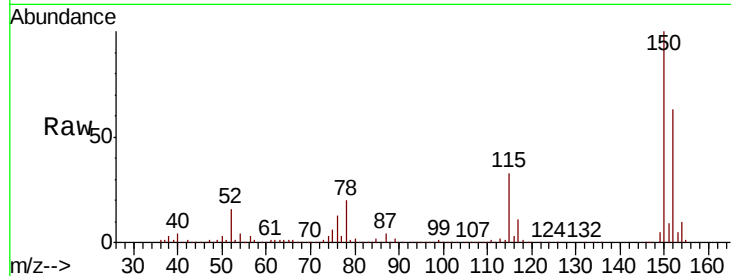
Tot Ion:152 Resp: 156438

Ion Ratio Lower Upper

152 100

115 55.7 38.6 115.7

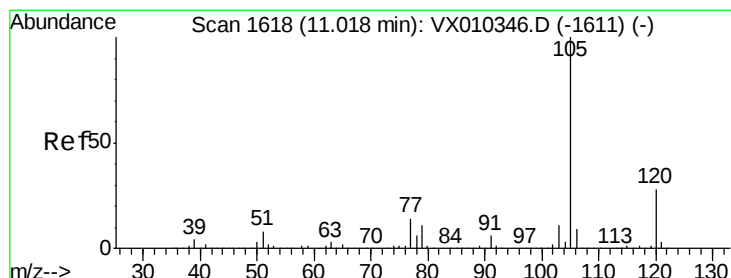
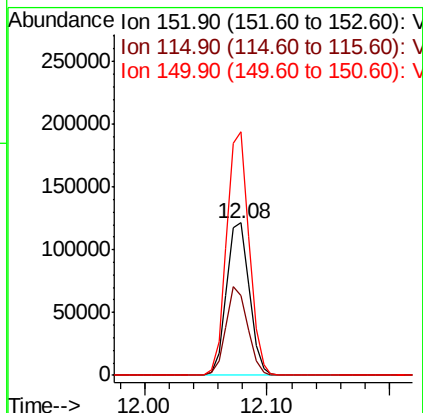
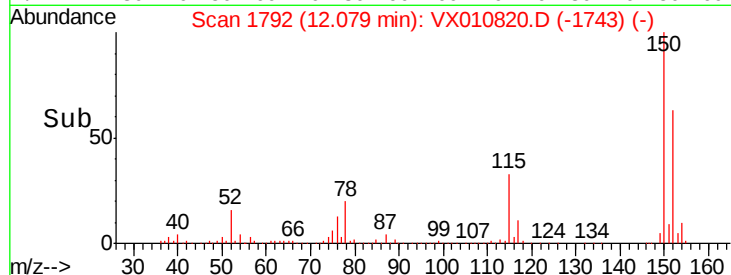
150 157.1 0.0 347.4



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: 4.896 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010820.D

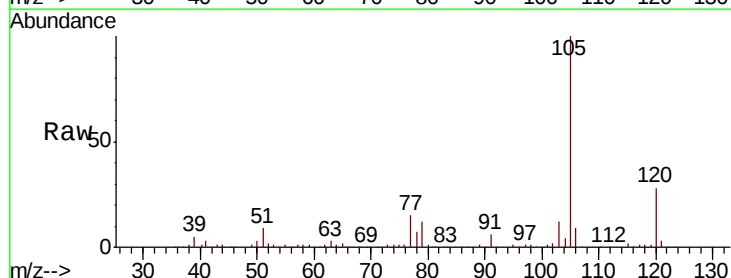
Acq: 11 Jul 2019 20:17

Tgt Ion:105 Resp: 51916

Ion Ratio Lower Upper

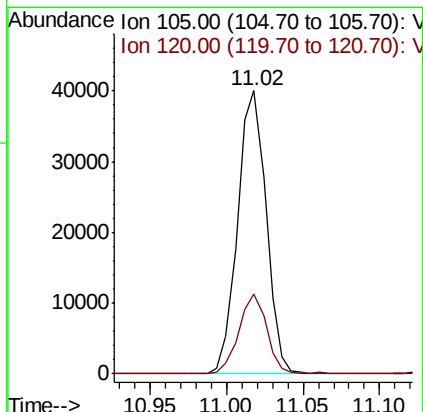
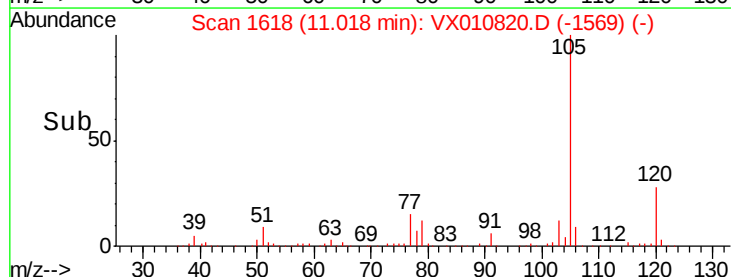
105 100

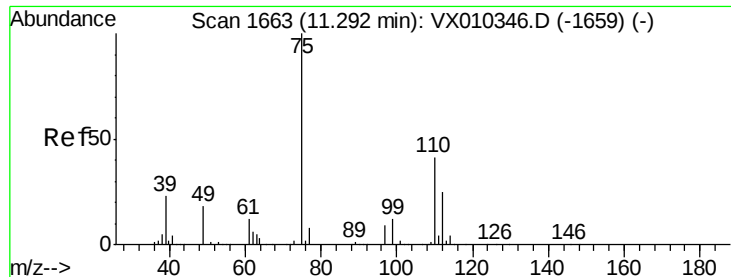
120 27.5 14.1 42.4



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: 25.745 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

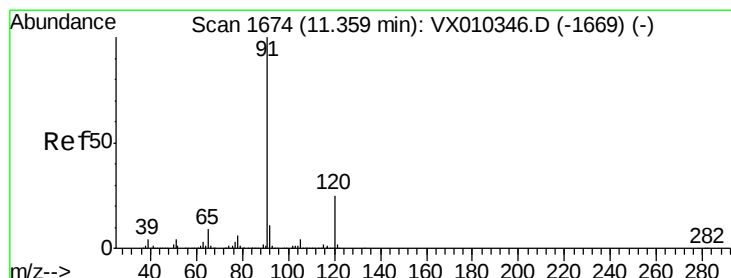
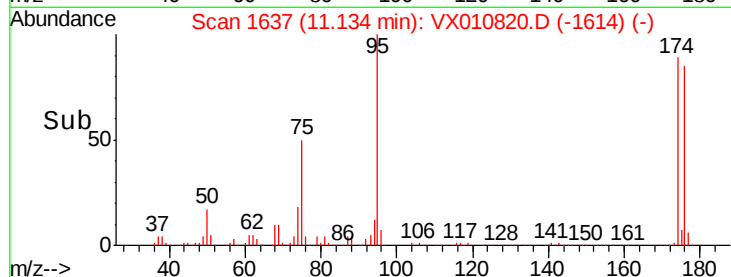
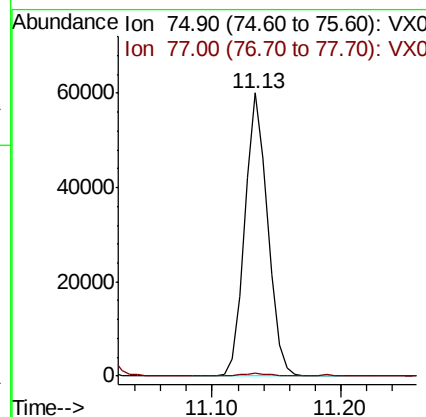
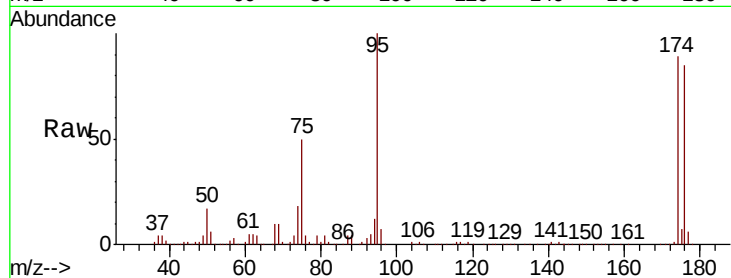
MW-7

Tot Ion: 75 Resp: 73392

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#



#78

n-propylbenzene

Concen: 3.452 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010820.D

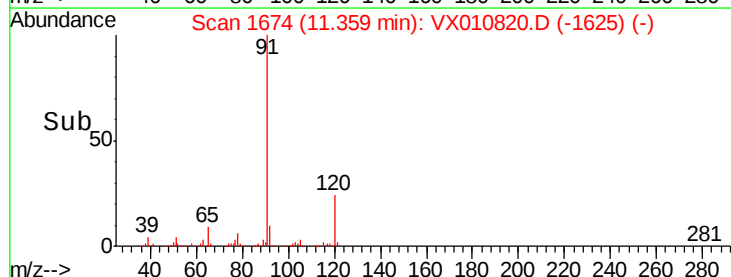
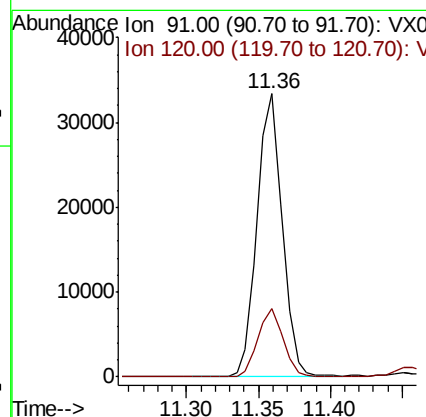
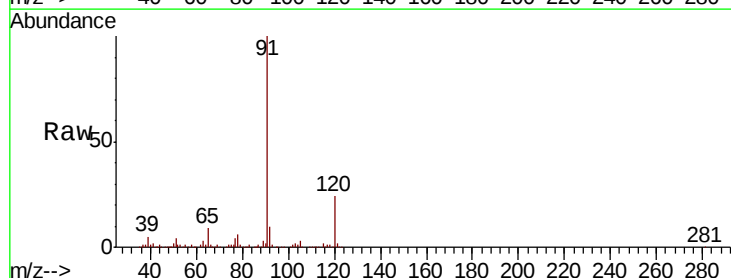
Acq: 11 Jul 2019 20:17

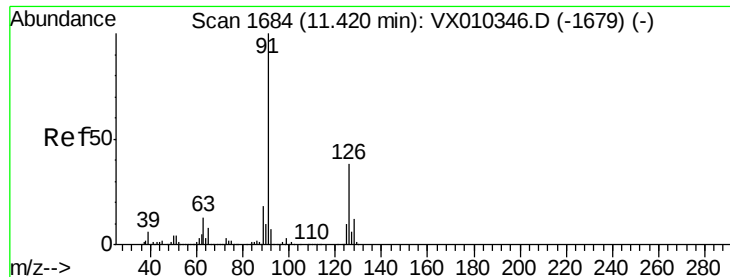
Tgt Ion: 91 Resp: 40231

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4





#79

2-Chlorotoluene

Concen: 5.797 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

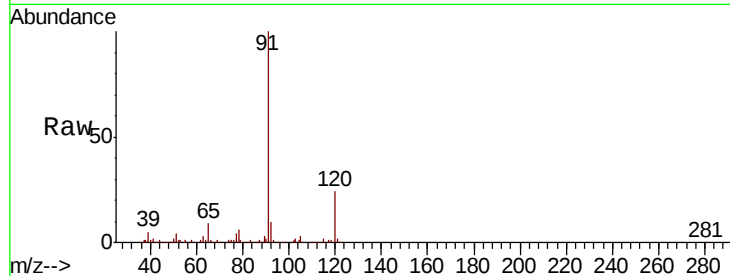
MW-7

Tot Ion: 91 Resp: 40231

Ion Ratio Lower Upper

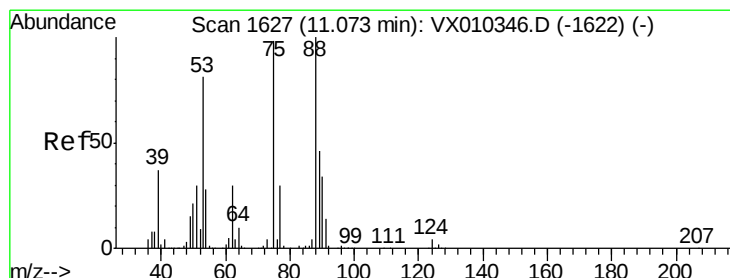
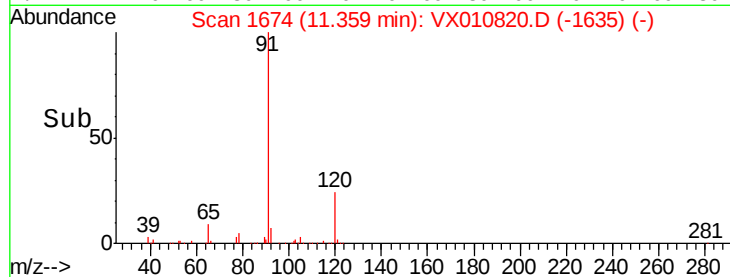
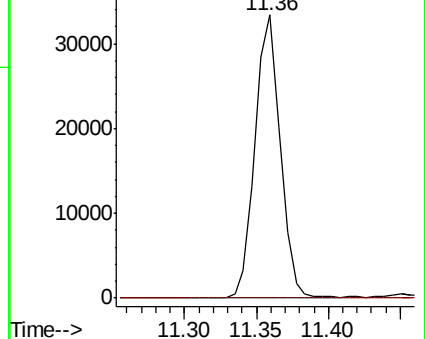
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 60.061 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

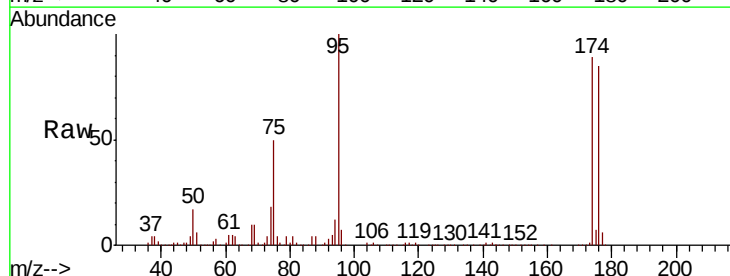
Tgt Ion: 75 Resp: 73392

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

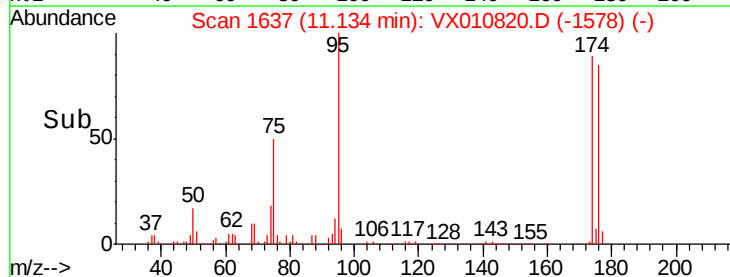
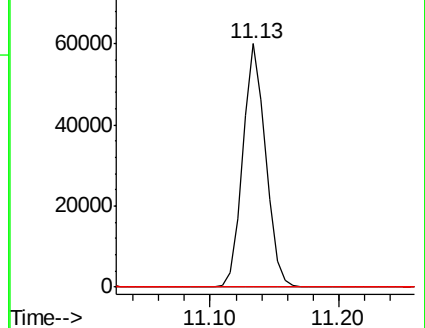
89 0.1 37.8 56.6#

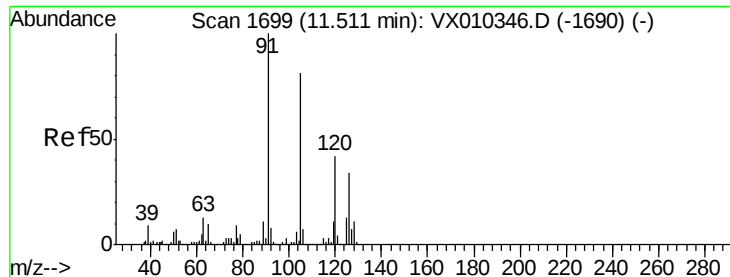


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 5.094 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

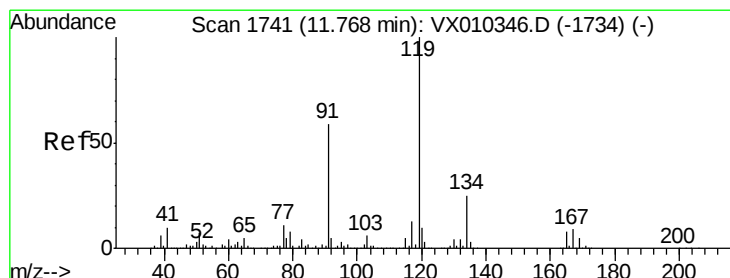
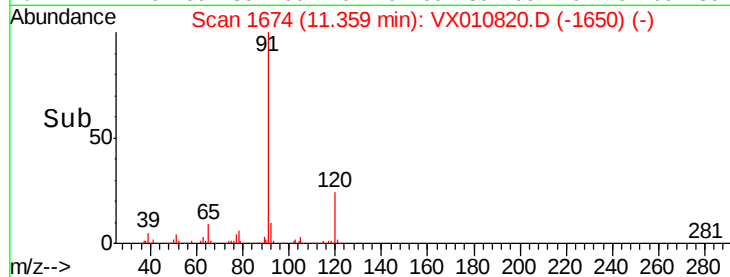
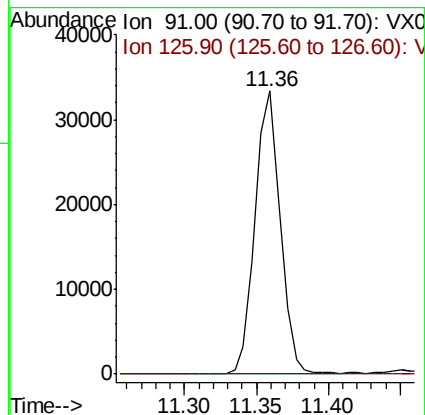
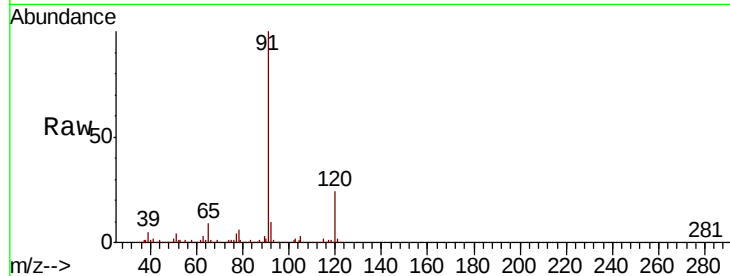
MW-7

Tot Ion: 91 Resp: 40231

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 0.207 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

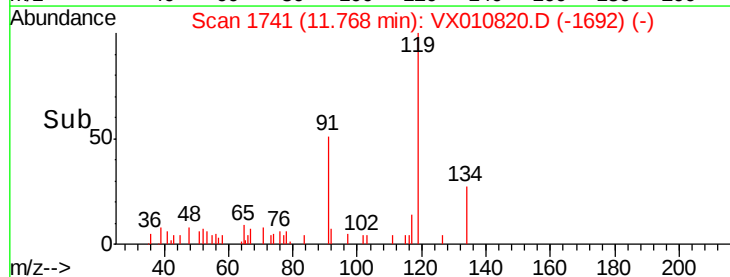
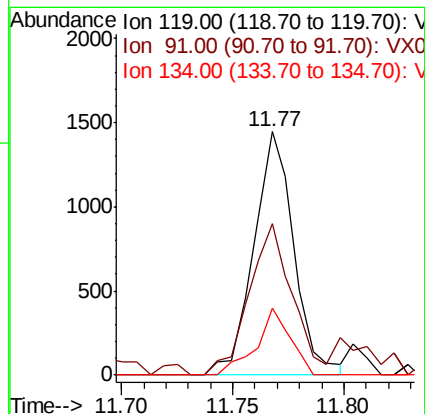
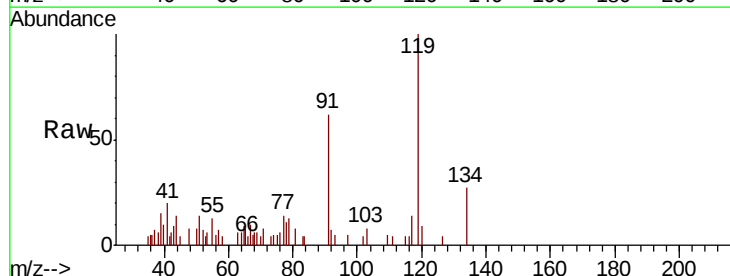
Tgt Ion: 119 Resp: 1815

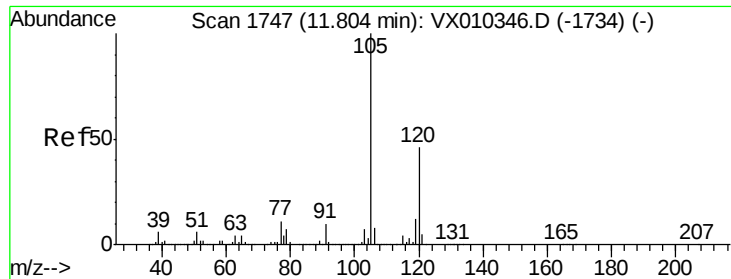
Ion Ratio Lower Upper

119 100

91 67.3 27.6 82.7

134 23.2 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 2.898 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

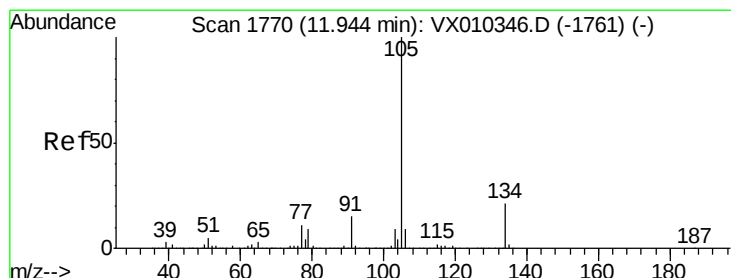
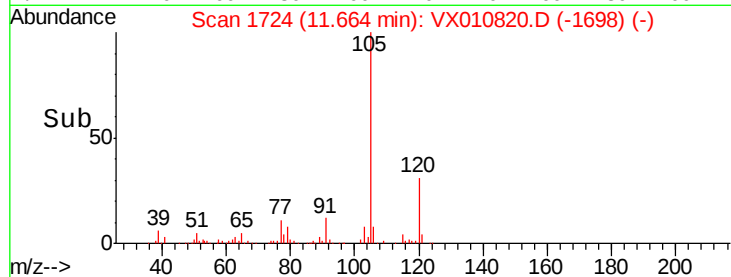
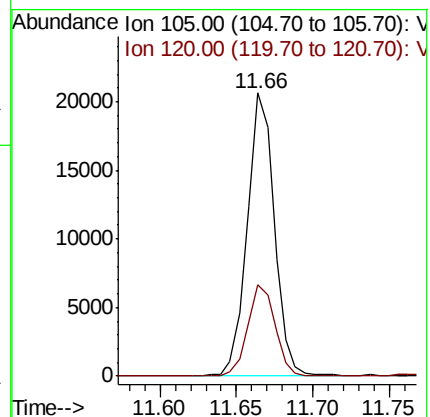
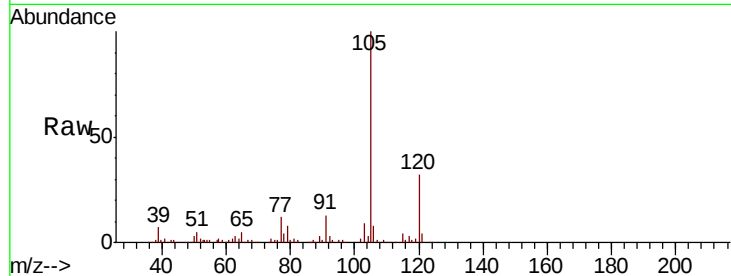
MW-7

Tot Ion:105 Resp: 25451

Ion Ratio Lower Upper

105 100

120 32.5 23.1 69.2



#85

sec-Butylbenzene

Concen: 0.304 ug/l

RT: 11.94 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VX010820.D

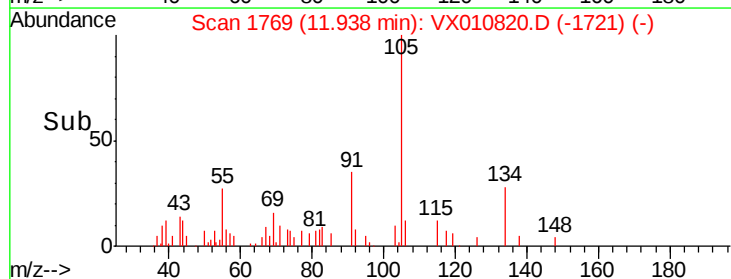
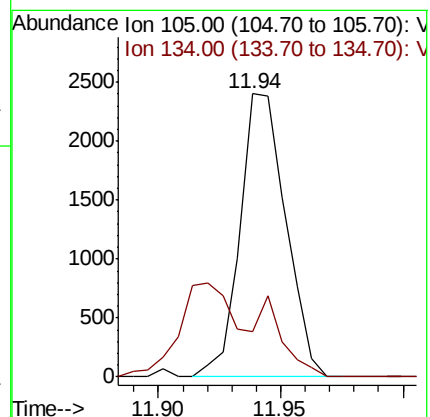
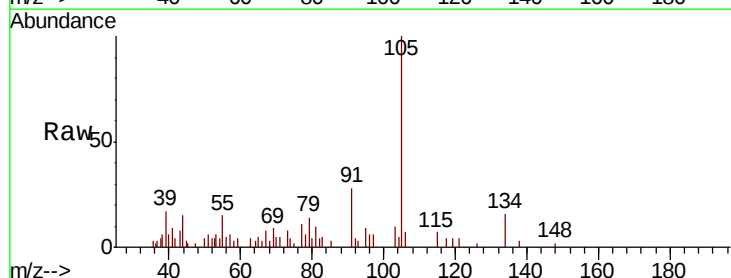
Acq: 11 Jul 2019 20:17

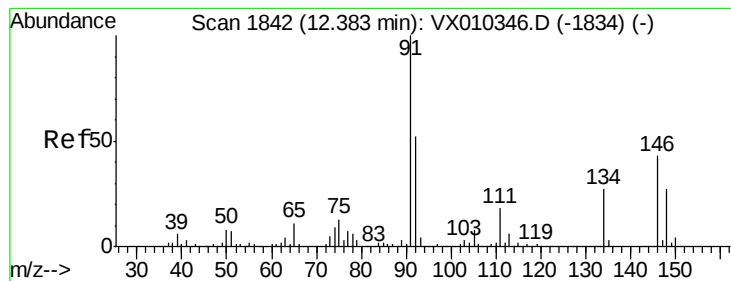
Tgt Ion:105 Resp: 3129

Ion Ratio Lower Upper

105 100

134 42.8 10.7 31.9#





#89

n-Butylbenzene

Concen: 0.368 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

MW-7

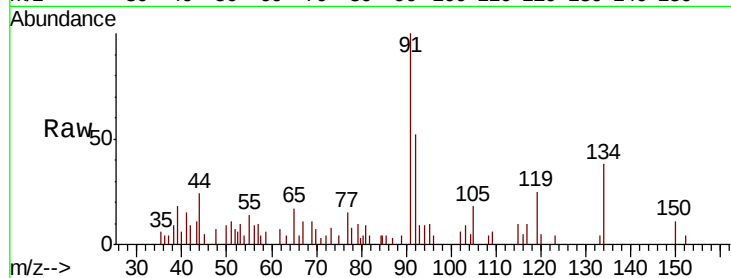
Tot Ion: 91 Resp: 2982

Ion Ratio Lower Upper

91 100

92 44.2 26.2 78.5

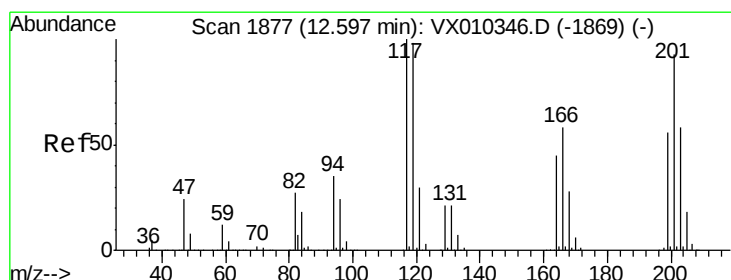
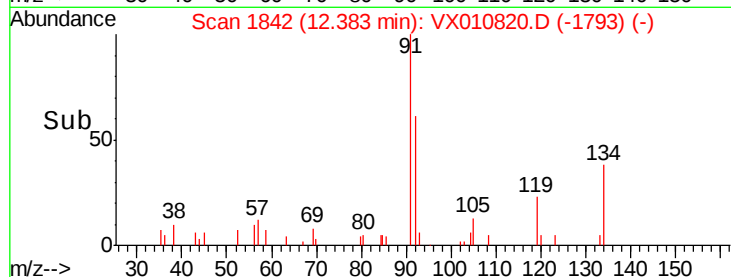
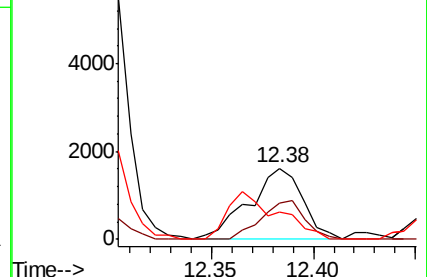
134 0.0 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)



#90

Hexachloroethane

Concen: 1.147 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX010820.D

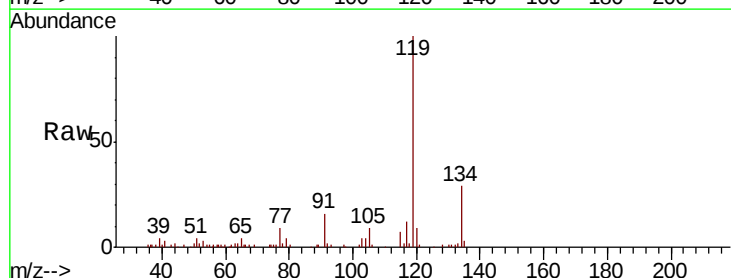
Acq: 11 Jul 2019 20:17

Tgt Ion: 117 Resp: 1890

Ion Ratio Lower Upper

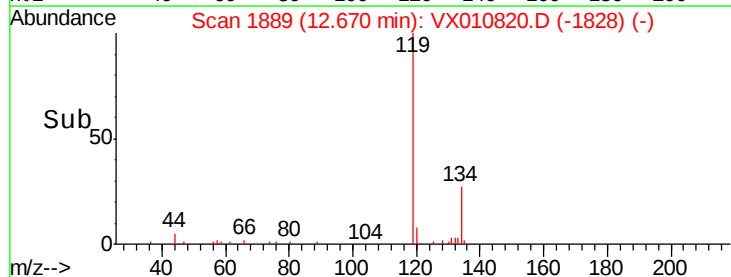
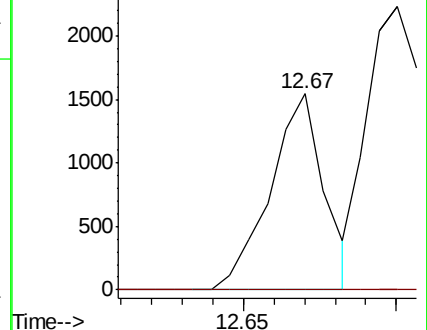
117 100

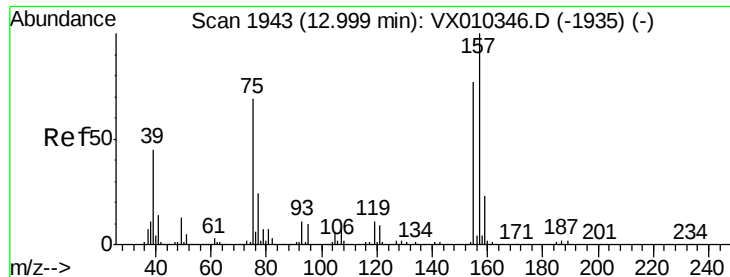
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.234 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-7

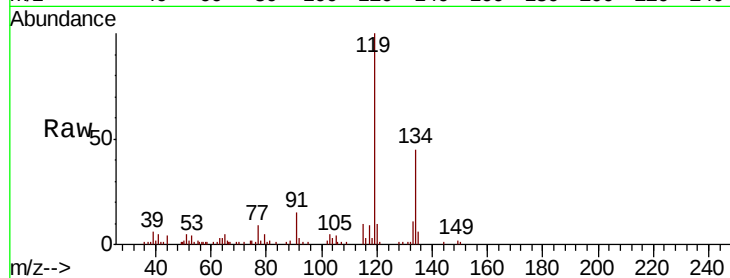
Tot Ion: 75 Resp: 177

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

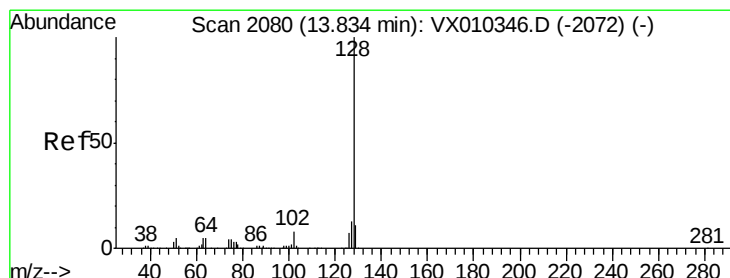
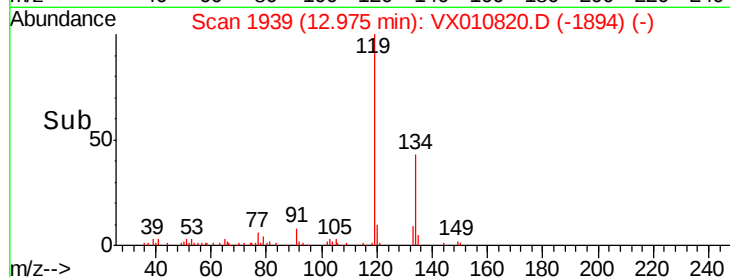
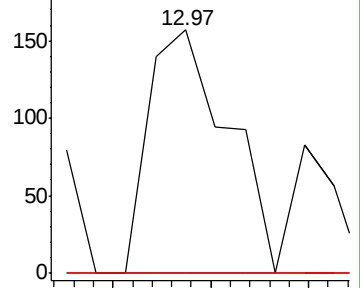
157 0.0 69.5 208.3#



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



#95

Naphthalene

Concen: 0.321 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010820.D

Acq: 11 Jul 2019 20:17

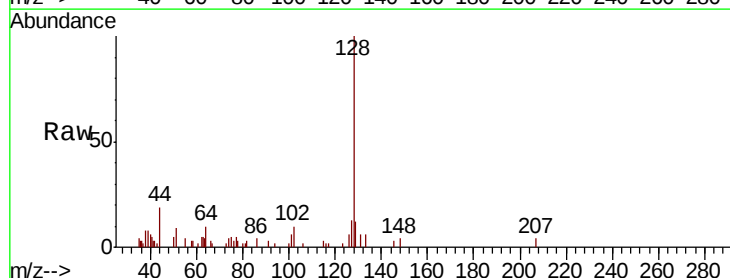
Tgt Ion:128 Resp: 3514

Ion Ratio Lower Upper

128 100

127 17.3 10.2 15.4#

129 20.2 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

