

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010543.D
 Acq On : 28 Jun 2019 18:31
 Operator : JC/SP
 Sample : K3568-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1

Quant Time: Jun 29 04:40:52 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	5.66	168	243307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169662	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	117809	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	5.50	113	113156	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	444644	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	156044	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	617	0.313	ug/l #	78
4) Vinyl Chloride	1.40	62	863	0.400	ug/l #	80
11) Tert butyl alcohol	3.03	59	3122	5.230	ug/l #	91
16) Acetone	2.44	43	2108	1.844	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	1202	0.459	ug/l	67
31) Cyclohexane	5.59	56	15280	4.637	ug/l	88
36) 1,1-Dichloropropene	5.66	75	15114	5.030	ug/l #	47
38) Carbon Tetrachloride	5.66	117	21055	6.471	ug/l #	16
39) Methylcyclohexane	7.46	83	19018	4.815	ug/l	96
40) Benzene	6.15	78	56854	6.073	ug/l	98
42) 1,2-Dichloroethane	6.14	62	740	0.260	ug/l	85
44) Trichloroethene	7.21	130	632	0.226	ug/l	99
48) Methyl methacrylate	7.74	41	1033	0.435	ug/l #	43
49) 1,4-Dioxane	7.74	88	30	0.438	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	668	0.204	ug/l #	34
52) Toluene	8.79	92	1318	0.214	ug/l	89
55) 1,1,2-Trichloroethane	9.16	97	3340	1.314	ug/l #	19
56) Ethyl methacrylate	9.16	69	915	0.238	ug/l #	47
65) Chlorobenzene	10.13	112	1886	0.273	ug/l	92
67) Ethyl Benzene	10.25	91	4445	0.382	ug/l	95
68) m/p-Xylenes	10.37	106	1535	0.340	ug/l	91
69) o-Xylene	10.69	106	1707	0.385	ug/l	90
73) Isopropylbenzene	11.02	105	113342	9.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	808	0.212	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	73638	23.818	ug/l #	33
78) n-propylbenzene	11.36	91	195244	15.446	ug/l	99
79) 2-Chlorotoluene	11.36	91	195244	25.940	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	5634	0.594	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.13	75	73638	55.565	ug/l #	16
82) 4-Chlorotoluene	11.36	91	195244	22.796	ug/l #	42
83) tert-Butylbenzene	11.77	119	5467	0.574	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	72919	7.655	ug/l	100
85) sec-Butylbenzene	11.94	105	73761	6.602	ug/l	88
86) p-Isopropyltoluene	12.23	119	20243	1.959	ug/l	99

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

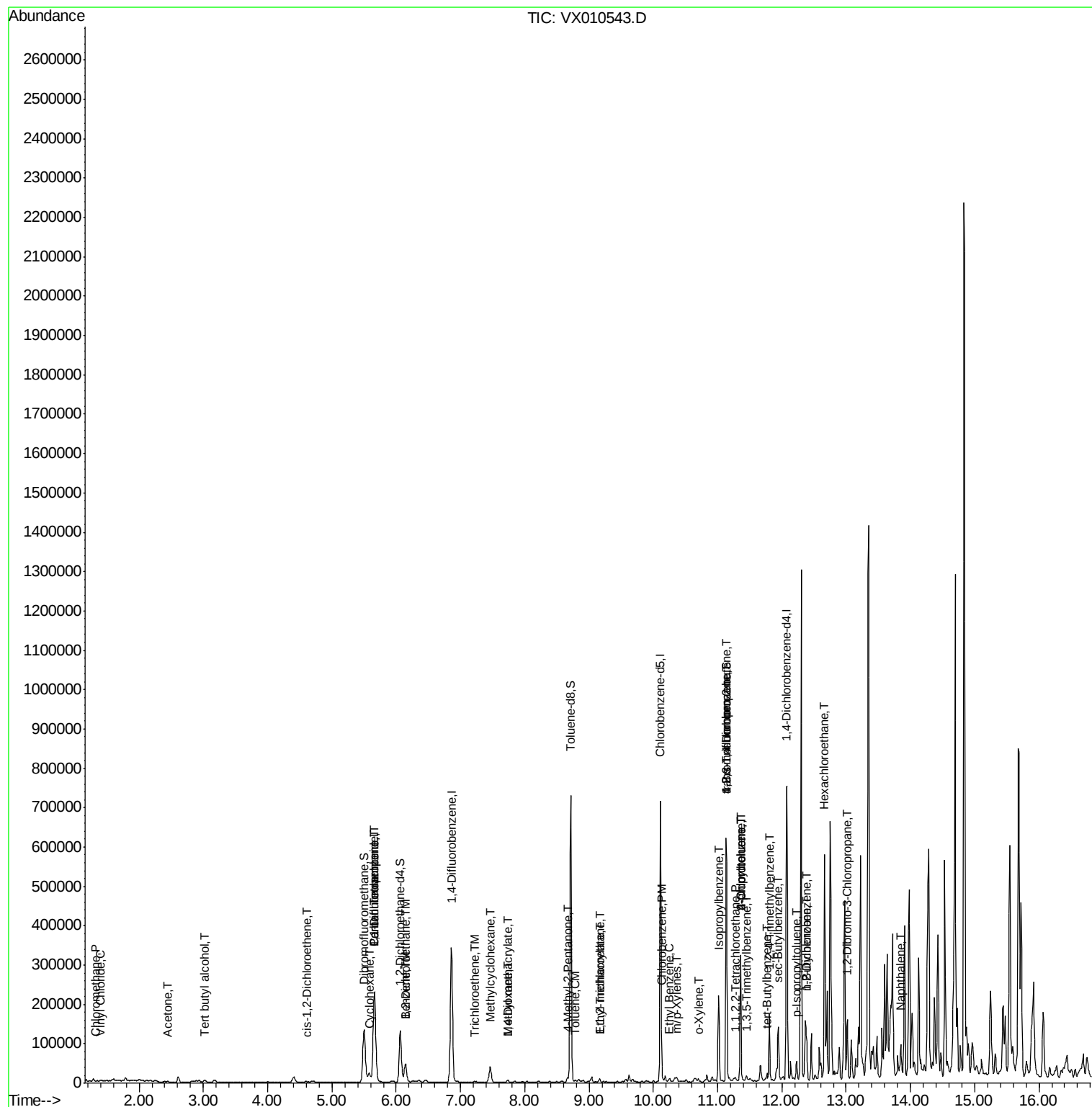
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	48860	5.564	ug/l #	73
90) Hexachloroethane	12.66	117	25347	14.184	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	2746	0.493	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	13.02	75	555	0.676	ug/l #	1
95) Naphthalene	13.83	128	14685	1.237	ug/l #	85

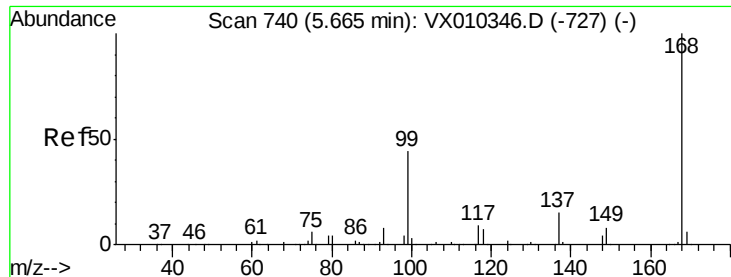
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

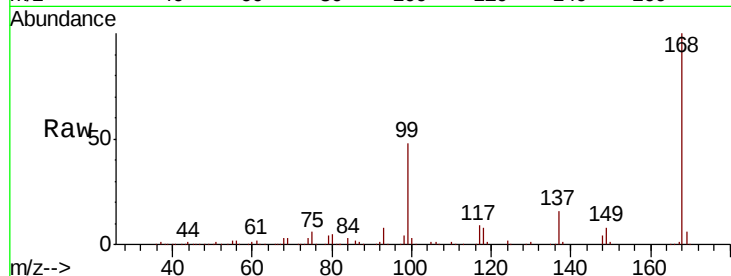
RW-1

Tot Ion:168 Resp: 243307

Ion Ratio Lower Upper

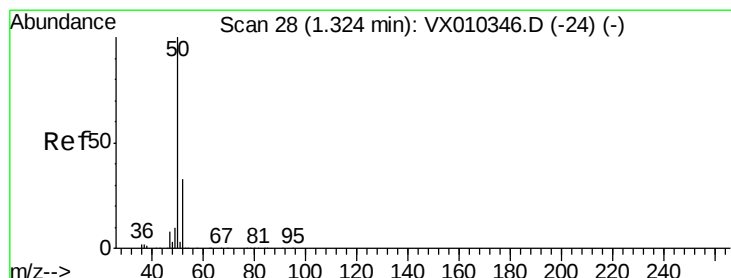
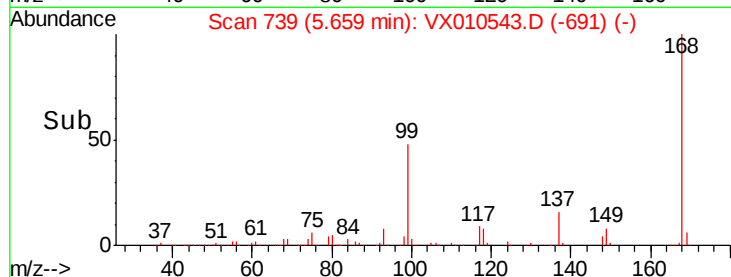
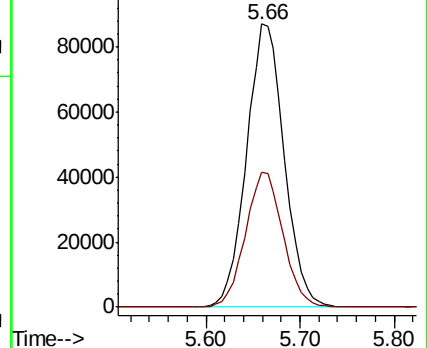
168 100

99 47.6 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: 0.313 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010543.D

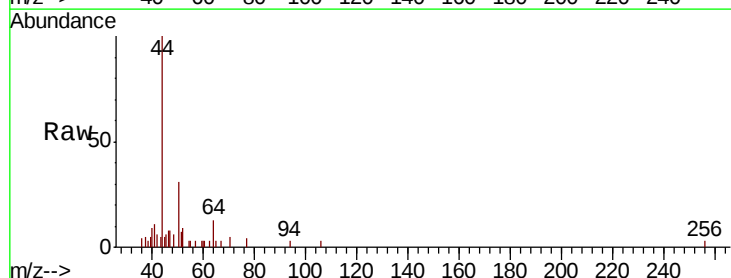
Acq: 28 Jun 2019 18:31

Tgt Ion: 50 Resp: 617

Ion Ratio Lower Upper

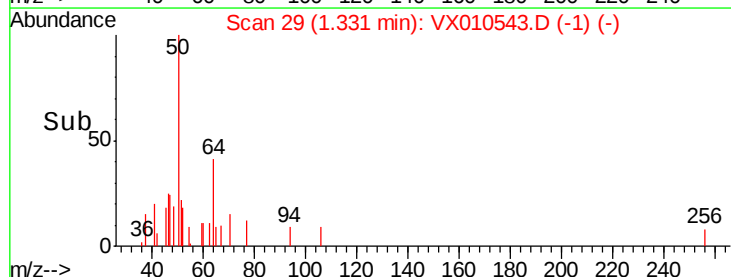
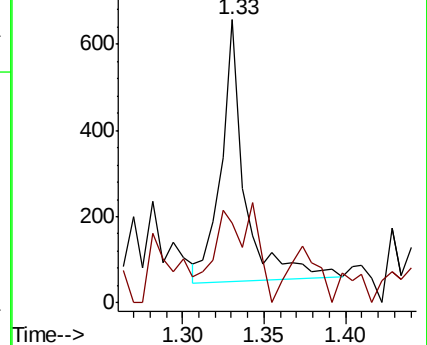
50 100

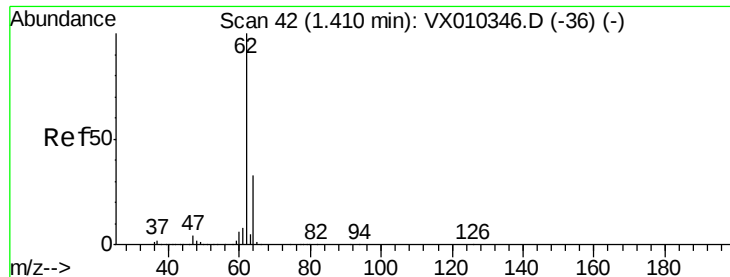
52 20.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.400 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

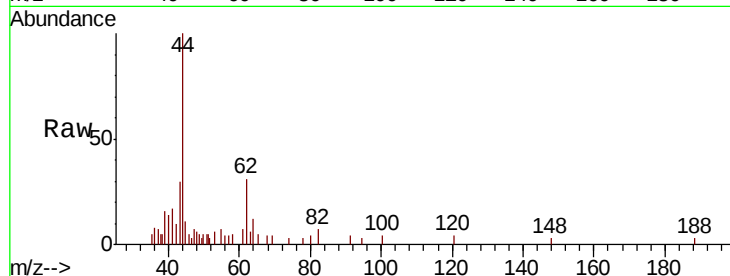
RW-1

Tot Ion: 62 Resp: 863

Ion Ratio Lower Upper

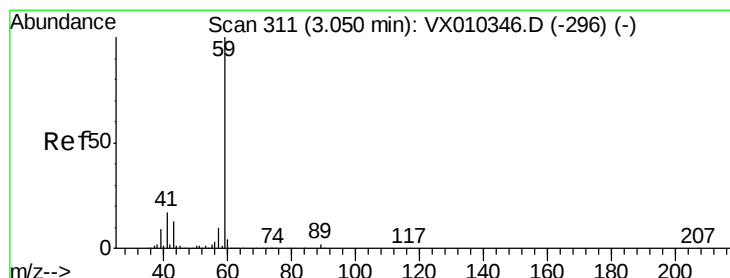
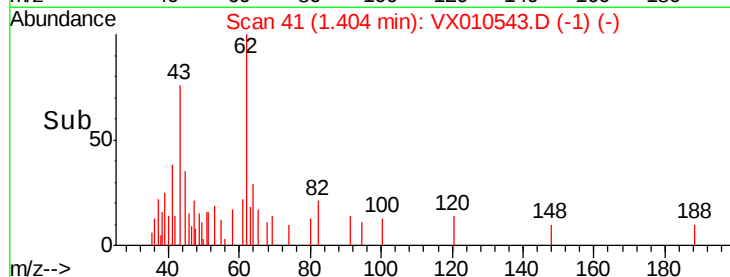
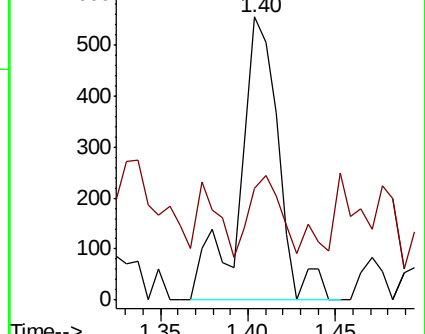
62 100

64 21.3 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#11

Tert butyl alcohol

Concen: 5.230 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010543.D

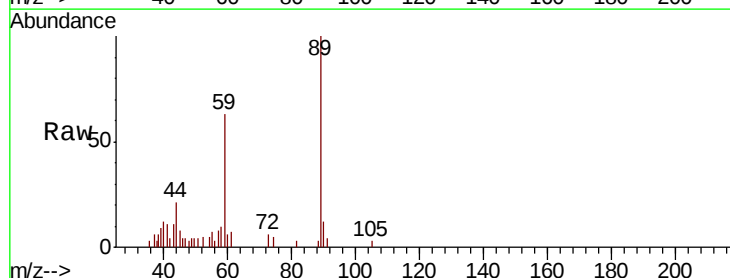
Acq: 28 Jun 2019 18:31

Tgt Ion: 59 Resp: 3122

Ion Ratio Lower Upper

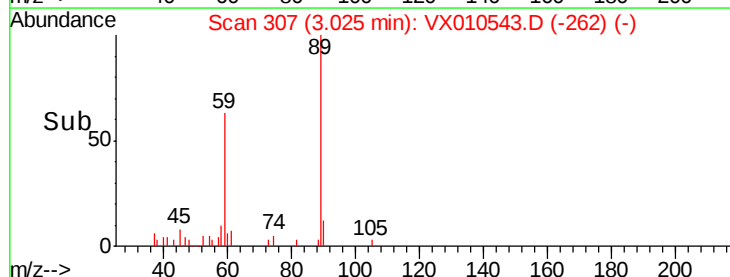
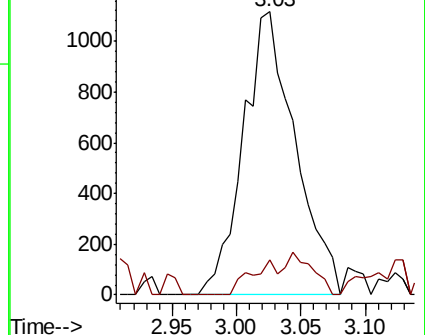
59 100

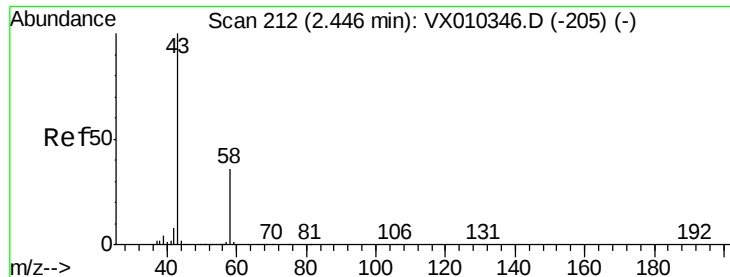
57 6.3 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 1.844 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

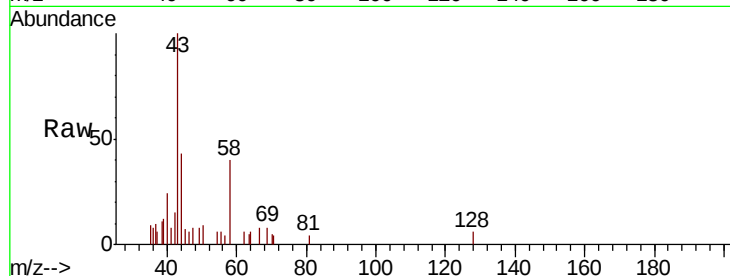
RW-1

Tot Ion: 43 Resp: 2108

Ion Ratio Lower Upper

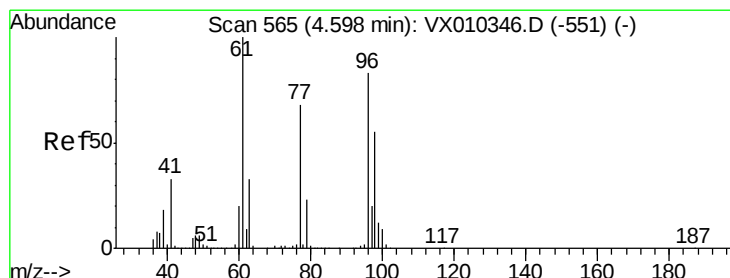
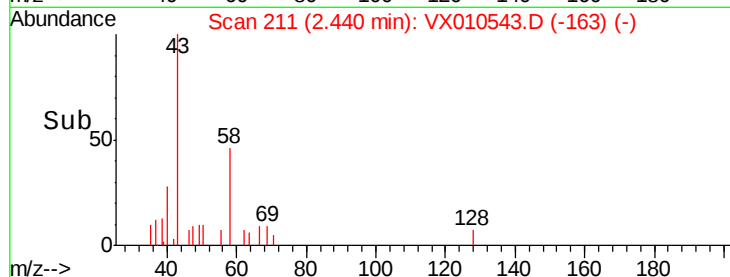
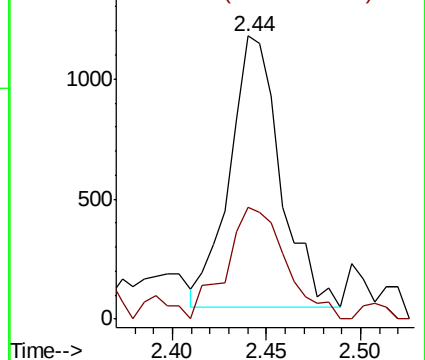
43 100

58 41.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.459 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

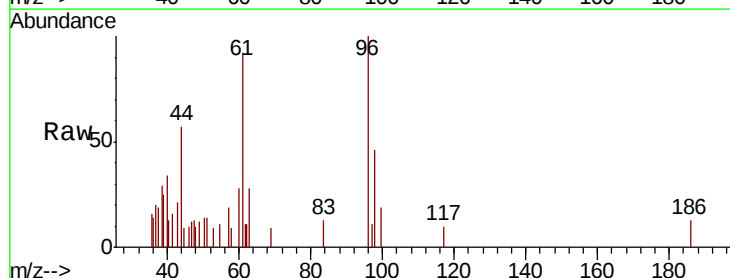
Tgt Ion: 96 Resp: 1202

Ion Ratio Lower Upper

96 100

61 163.5 0.0 251.8

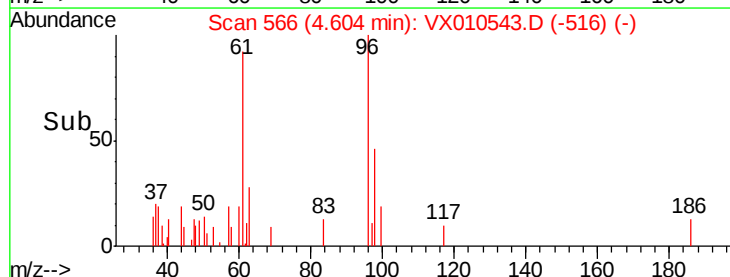
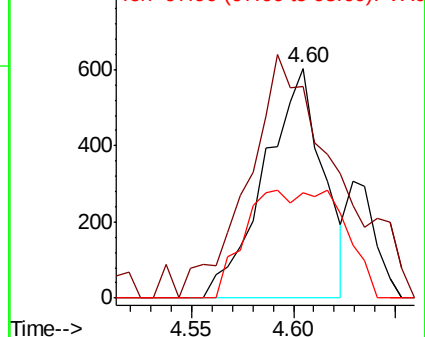
98 39.2 0.0 129.4

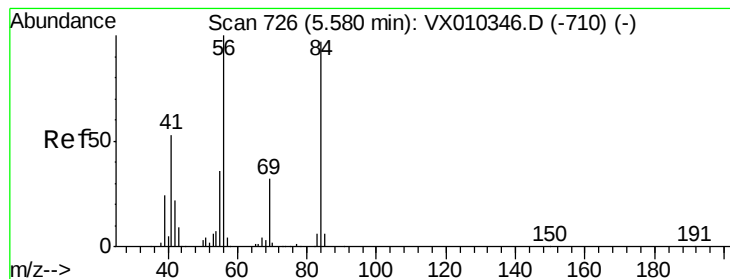


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 4.637 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RW-1

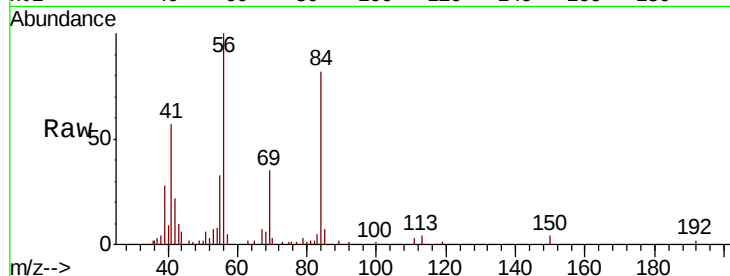
Tot Ion: 56 Resp: 15280

Ion Ratio Lower Upper

56 100

69 35.0 25.9 38.9

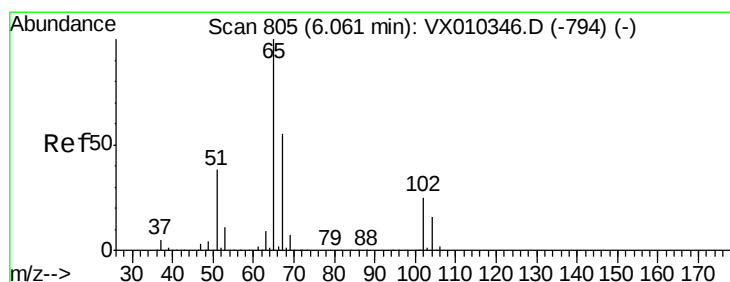
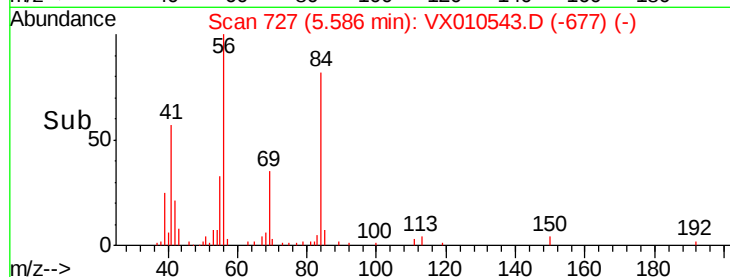
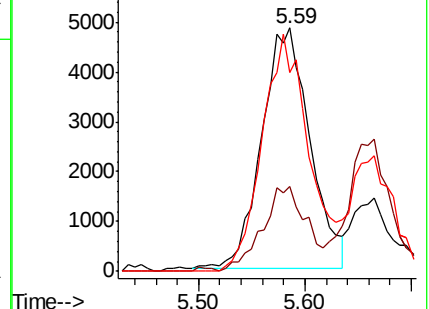
84 82.7 78.0 117.0



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: 51.642 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010543.D

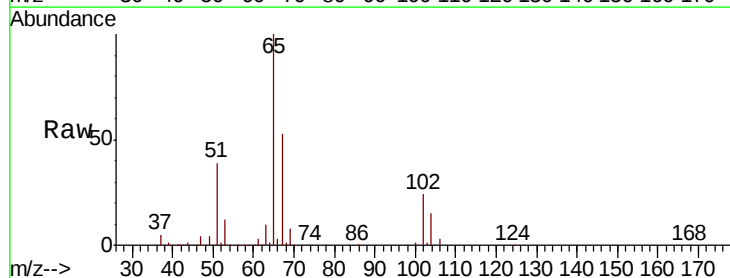
Acq: 28 Jun 2019 18:31

Tgt Ion: 65 Resp: 117809

Ion Ratio Lower Upper

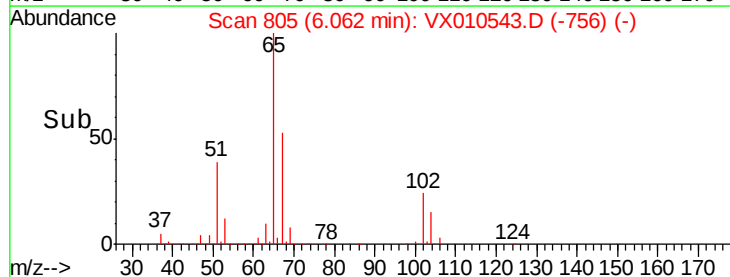
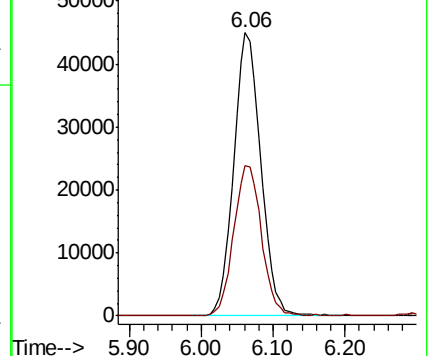
65 100

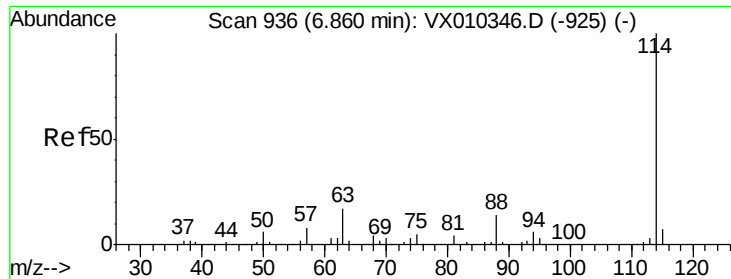
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

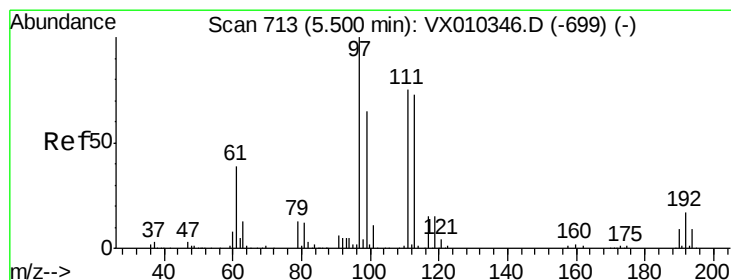
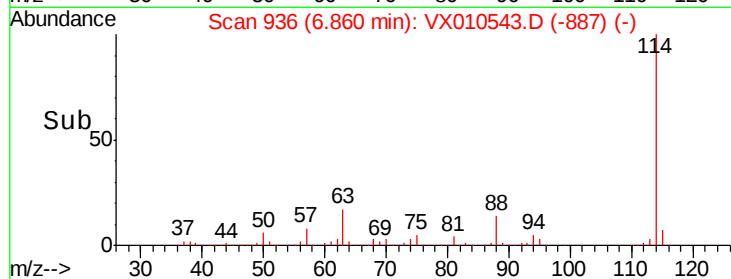
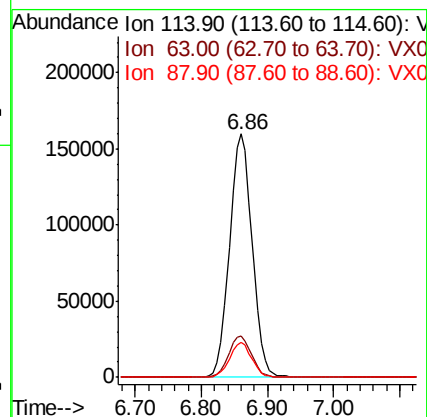
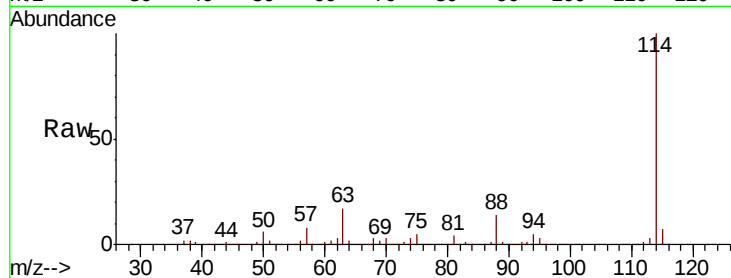




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010543.D
 Acq: 28 Jun 2019 18:31

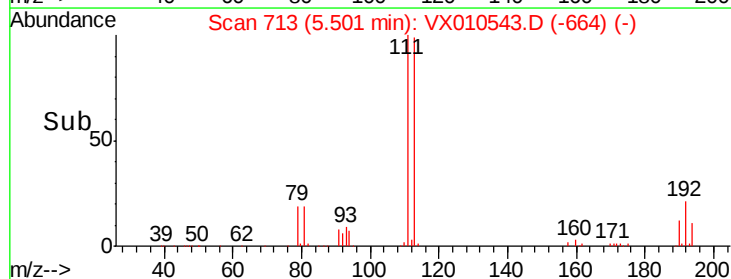
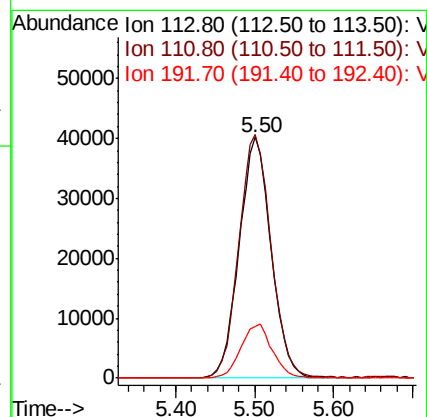
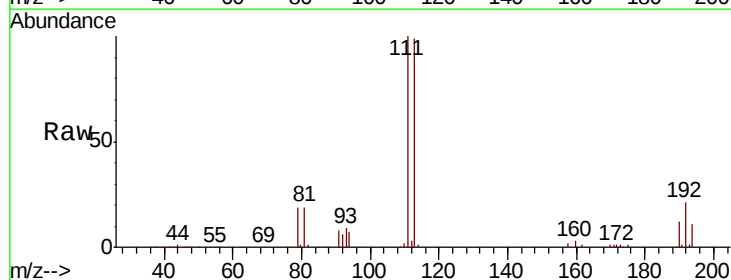
Instrument :
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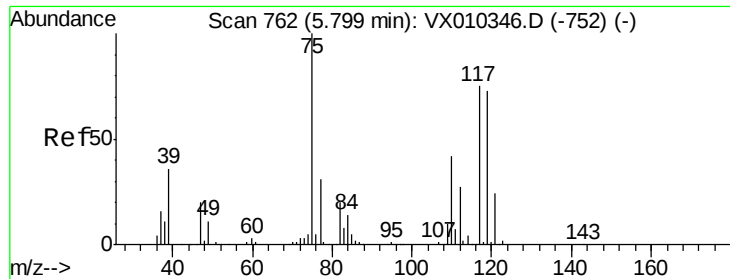
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	14.4	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 48.911 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010543.D
 Acq: 28 Jun 2019 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	22.1	18.6	27.8

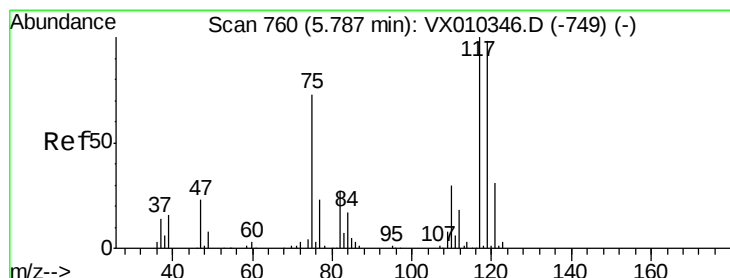
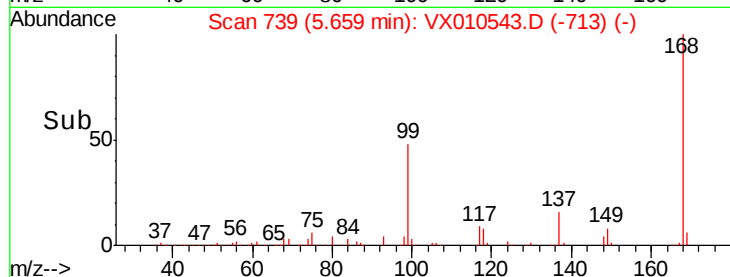
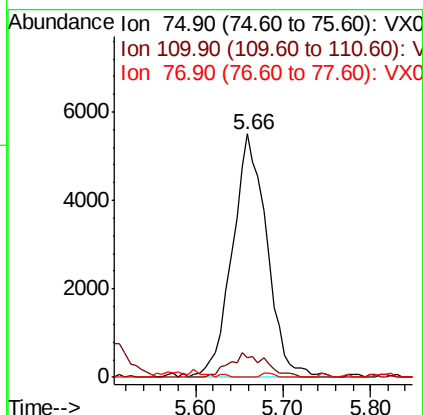
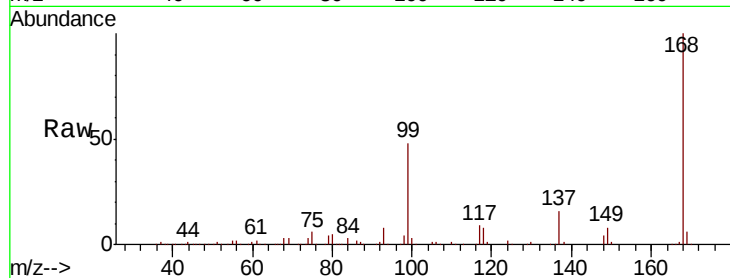




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010543.D
 Acq: 28 Jun 2019 18:31

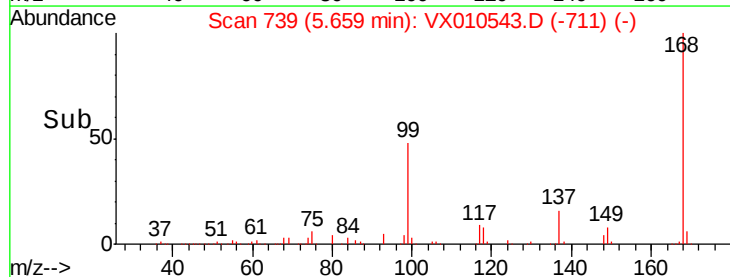
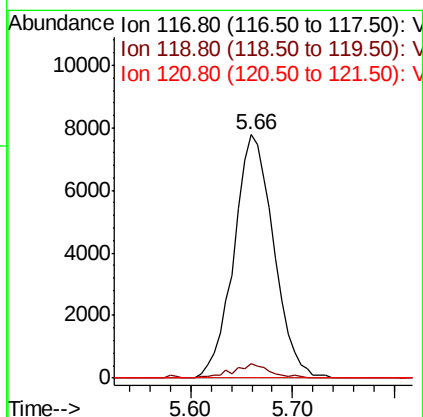
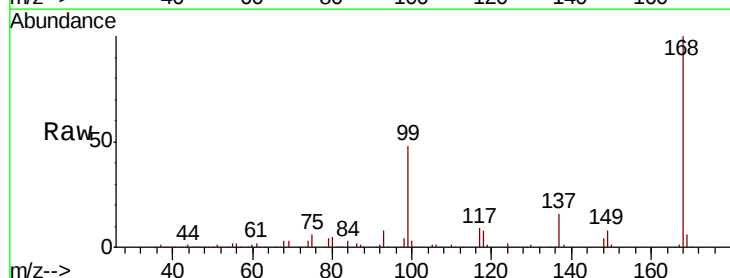
Instrument :
 MSVOA_X
 ClientSampled :
 RW-1

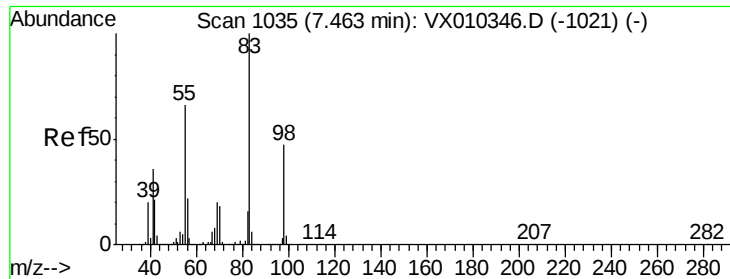
Tot Ion	75	Resp	15114
Ion Ratio	100	Lower	Upper
110	10.6	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.471 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010543.D
 Acq: 28 Jun 2019 18:31

Tgt Ion	117	Resp	21055
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	6.1	78.2	117.4#
121	0.0	24.7	37.1#

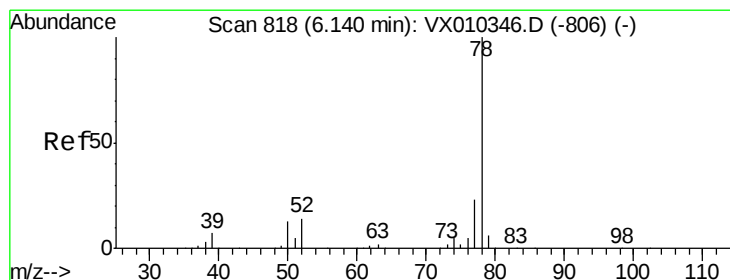
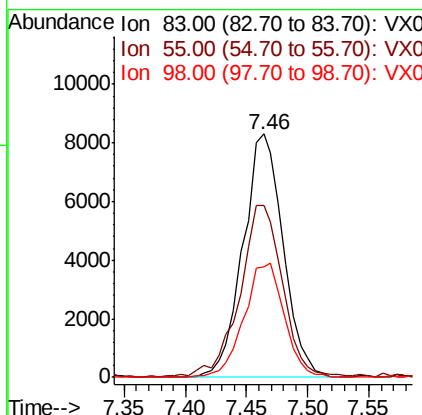
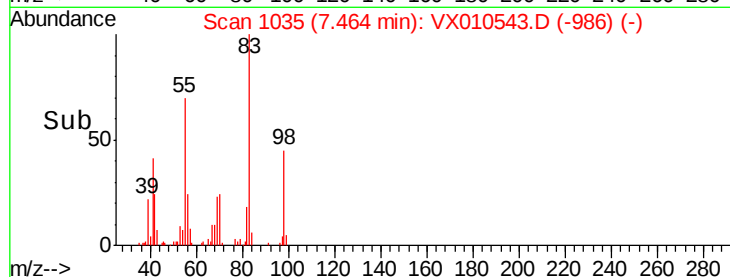
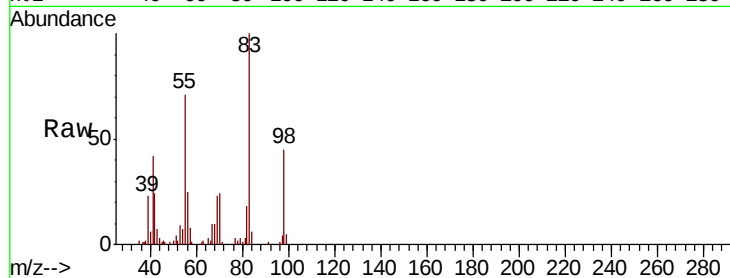




#39
Methvlcvclohexane
Concen: 4.815 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

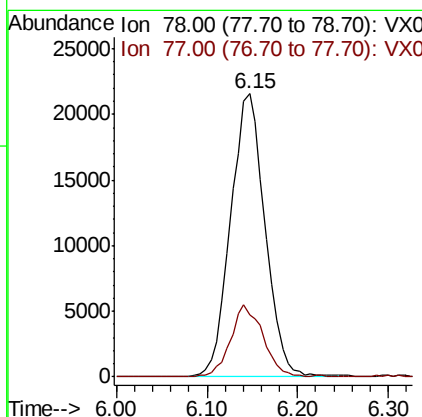
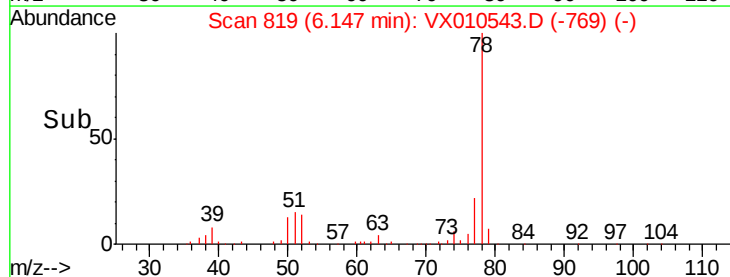
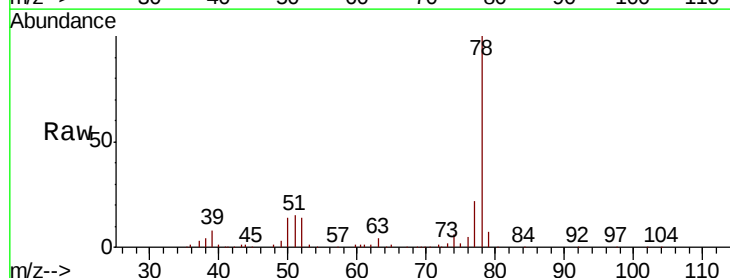
Instrument :
MSVOA_X
ClientSampled :
RW-1

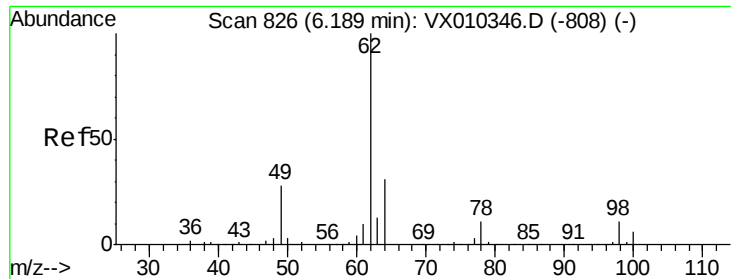
Tot Ion: 83 Resp: 19018
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 45.3 37.8 56.8



#40
Benzene
Concen: 6.073 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion: 78 Resp: 56854
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0





#42

1,2-Dichloroethane

Concen: 0.260 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

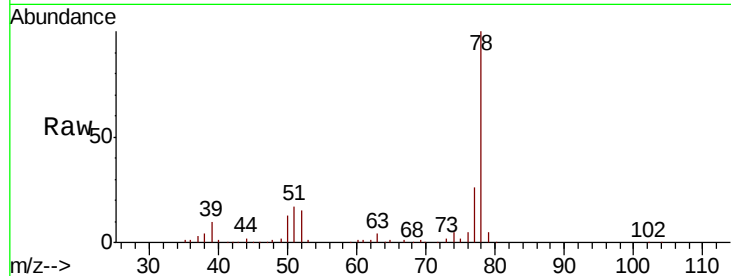
RW-1

Tot Ion: 62 Resp: 740

Ion Ratio Lower Upper

62 100

98 5.5 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.14

250

200

150

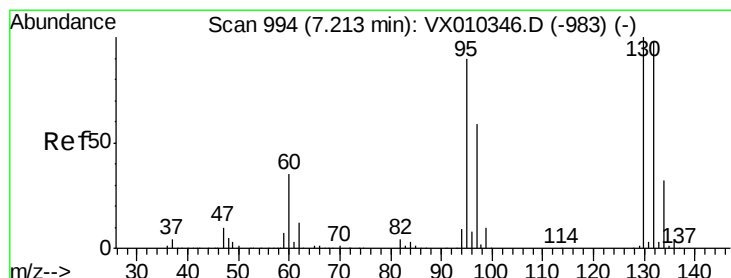
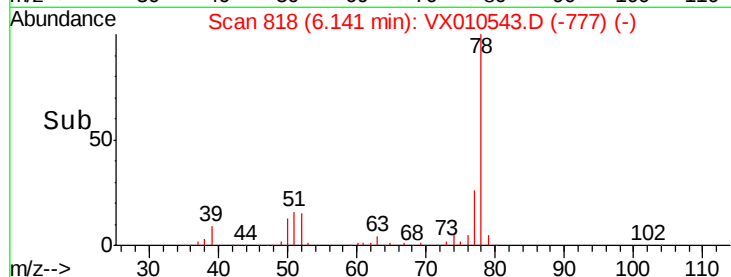
100

50

0

6.10 6.15 6.20

Time-->



#44

Trichloroethene

Concen: 0.226 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010543.D

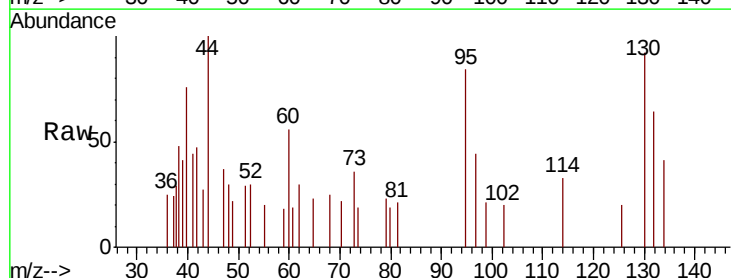
Acq: 28 Jun 2019 18:31

Tgt Ion:130 Resp: 632

Ion Ratio Lower Upper

130 100

95 91.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

300

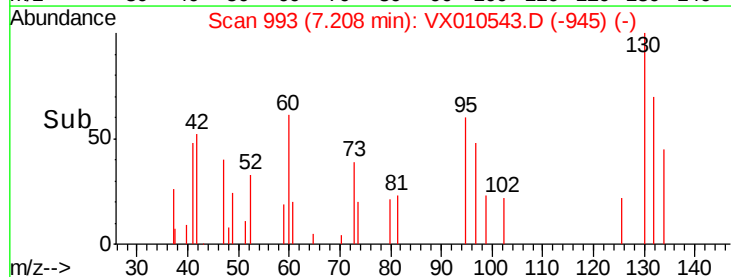
200

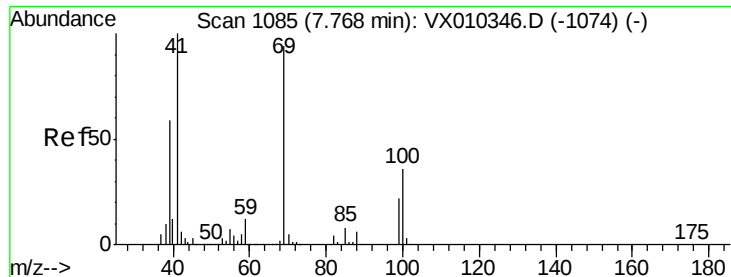
100

0

7.15 7.20 7.25

Time-->

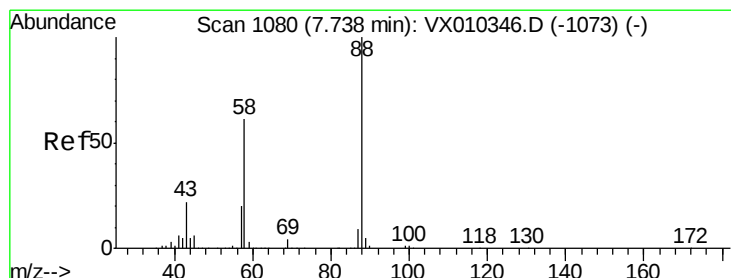
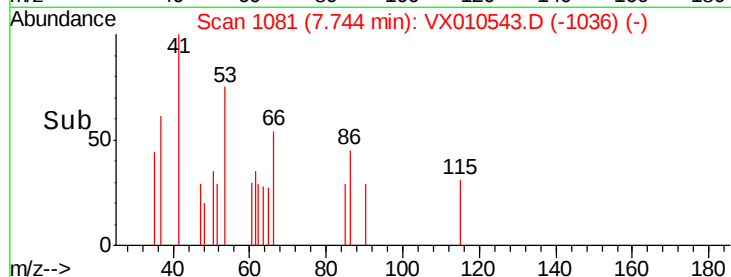
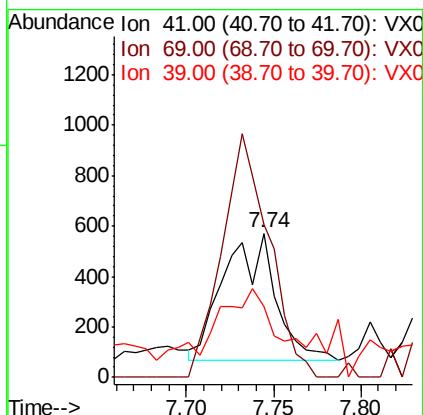
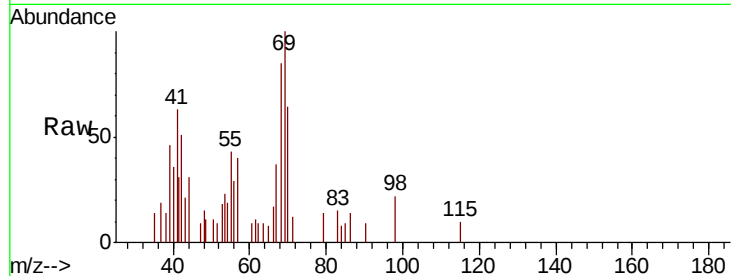




#48
Methvl methacrylate
Concen: 0.435 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.02 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

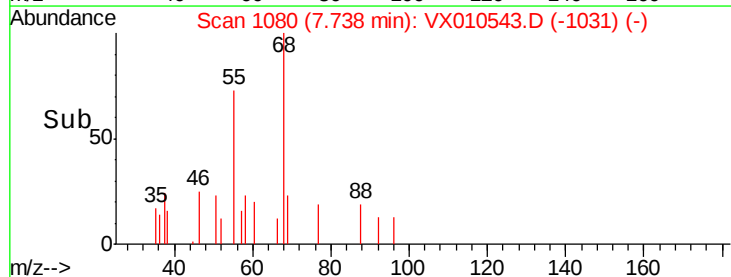
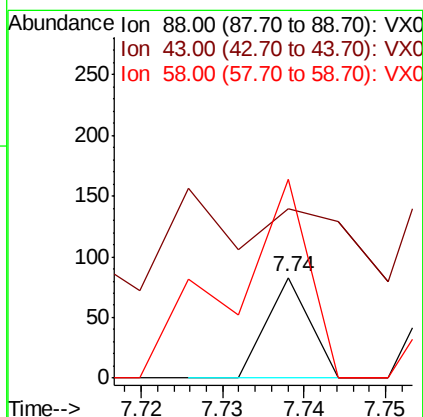
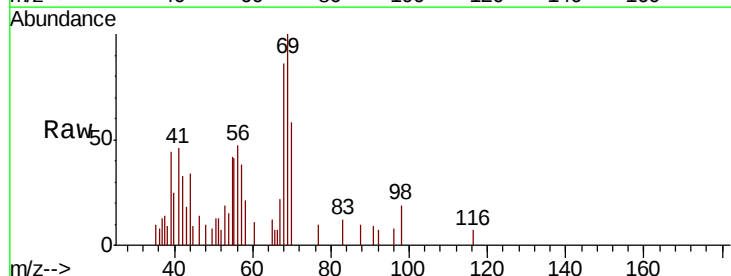
Instrument :
MSVOA_X
ClientSampled :
RW-1

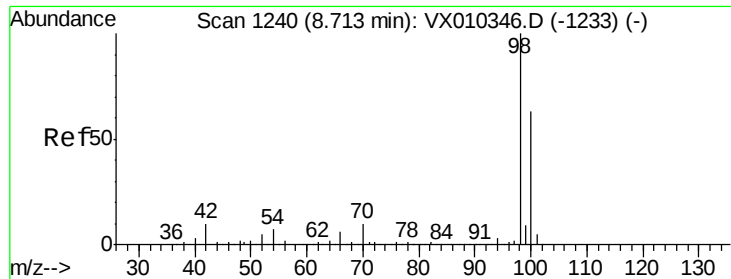
Tot Ion: 41 Resp: 1033
Ion Ratio Lower Upper
41 100
69 175.1 76.1 114.1#
39 71.2 47.6 71.4



#49
1,4-Dioxane
Concen: 0.438 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 383.3 20.2 30.2#
58 363.3 49.5 74.3#





#50

Toluene-d8

Concen: 50.237 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

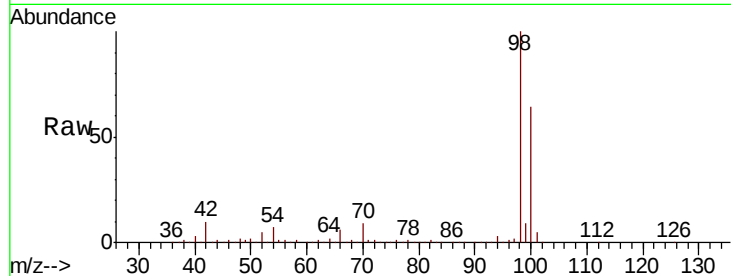
RW-1

Tot Ion: 98 Resp: 444644

Ion Ratio Lower Upper

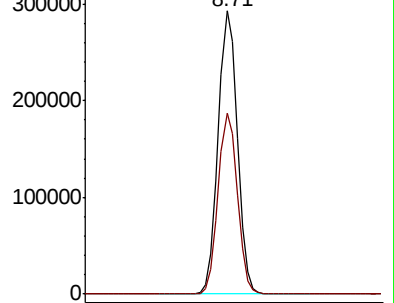
98 100

100 64.4 51.6 77.4

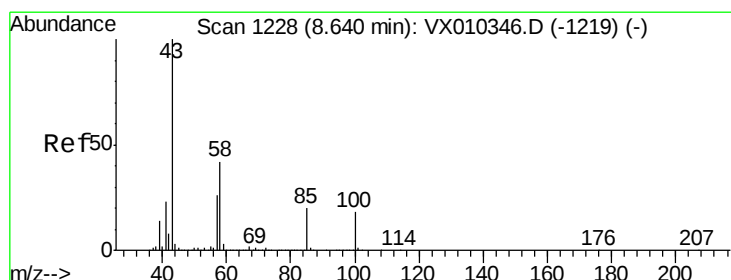
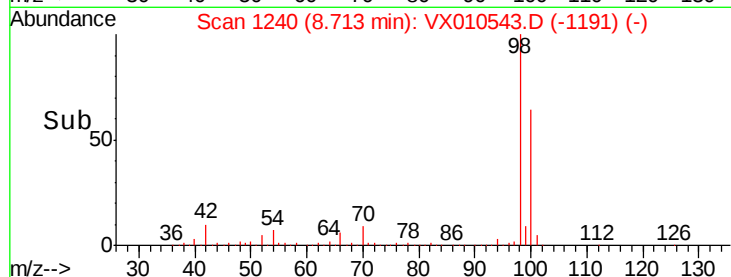


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.204 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010543.D

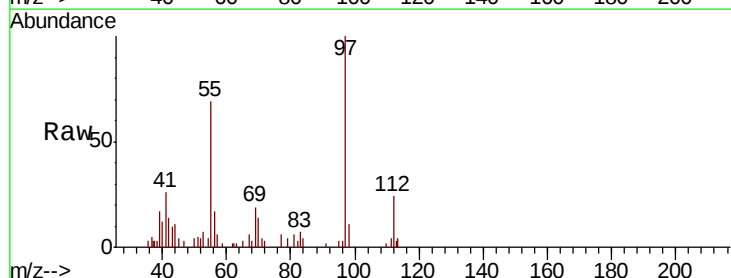
Acq: 28 Jun 2019 18:31

Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

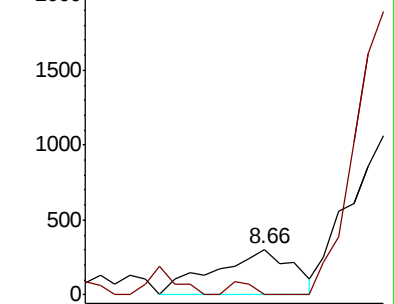
43 100

58 0.0 33.5 50.3#

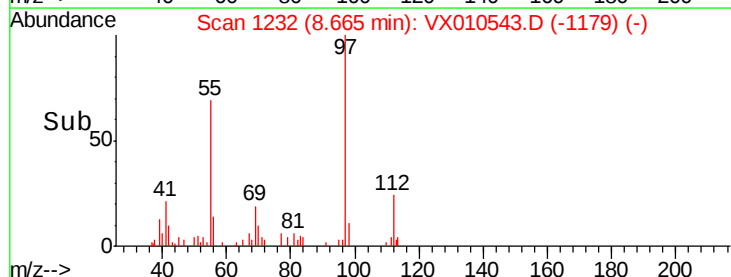


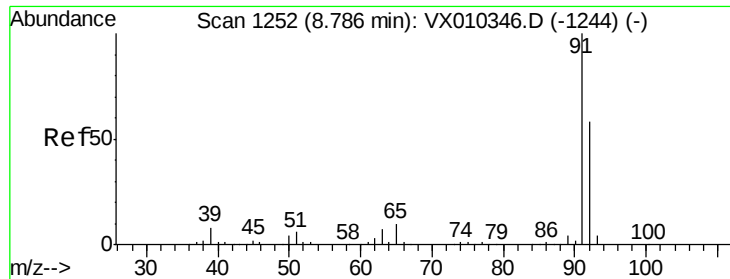
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#52

Toluene

Concen: 0.214 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

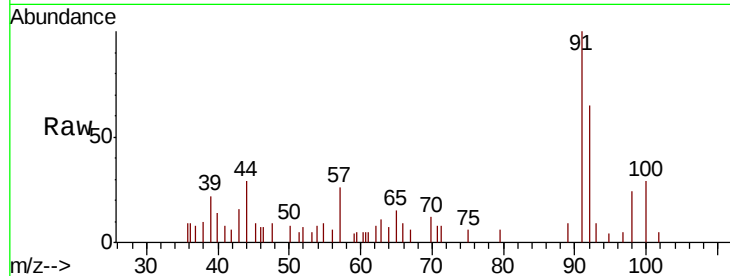
RW-1

Tot Ion: 92 Resp: 1318

Ion Ratio Lower Upper

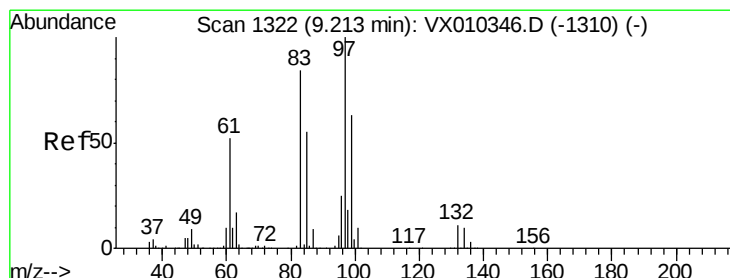
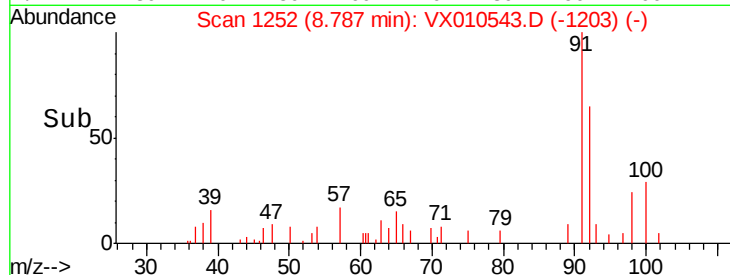
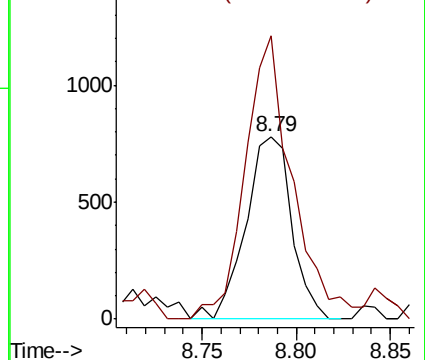
92 100

91 159.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.314 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Tgt Ion: 97 Resp: 3340

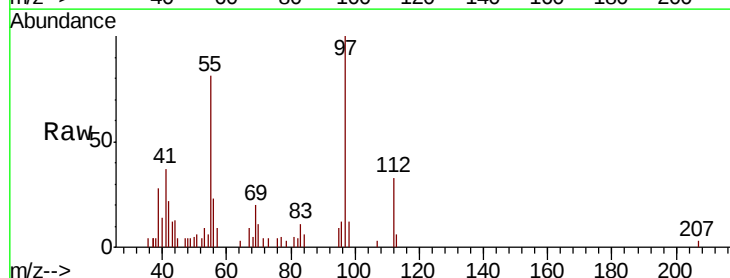
Ion Ratio Lower Upper

97 100

83 8.5 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

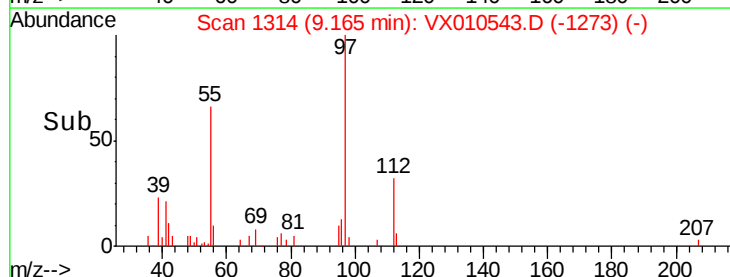
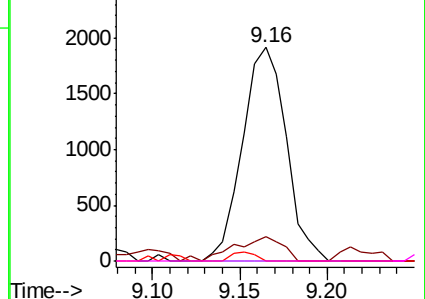


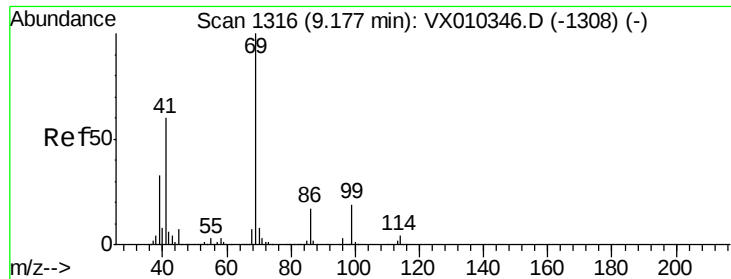
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.238 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

RW-1

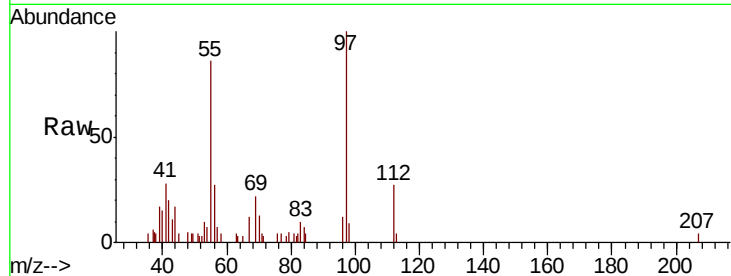
Tot Ion: 69 Resp: 915

Ion Ratio Lower Upper

69 100

41 90.2 47.1 70.7#

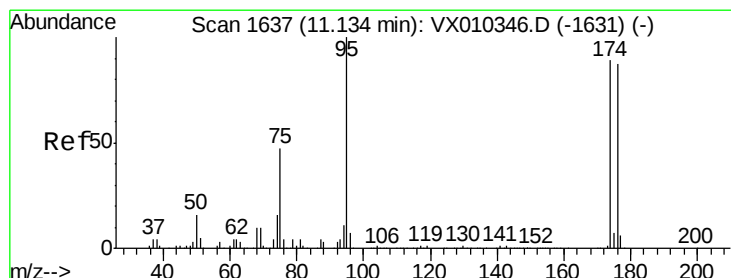
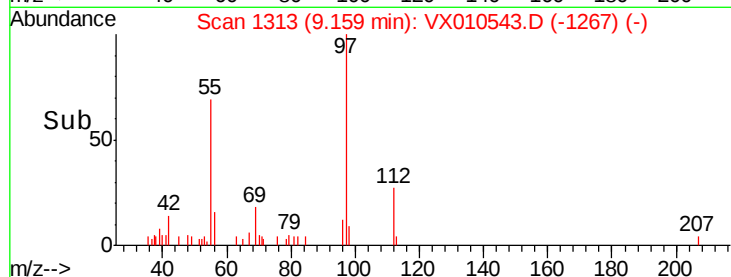
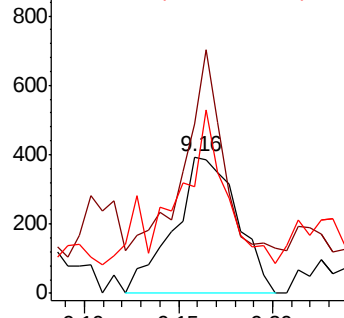
39 74.2 26.6 40.0#



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



#62

4-Bromofluorobenzene

Concen: 48.833 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

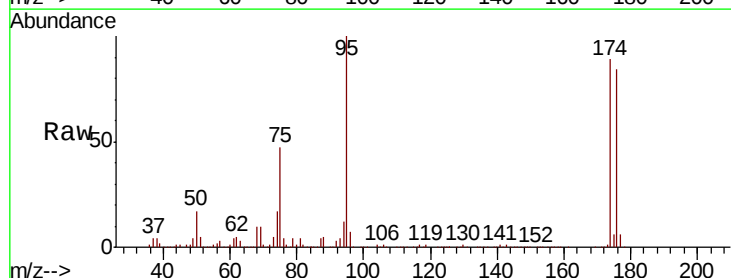
Tgt Ion: 95 Resp: 156044

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

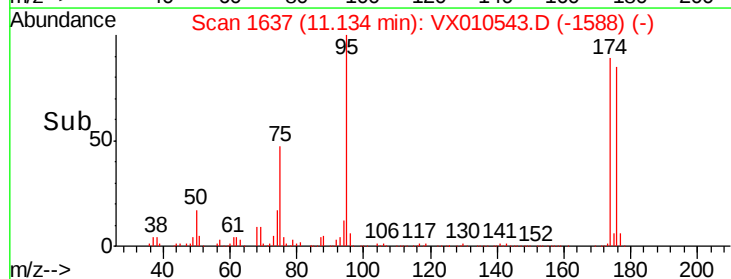
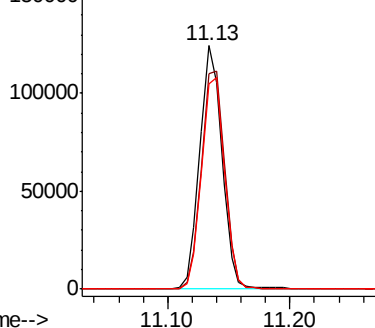
176 89.8 0.0 184.0

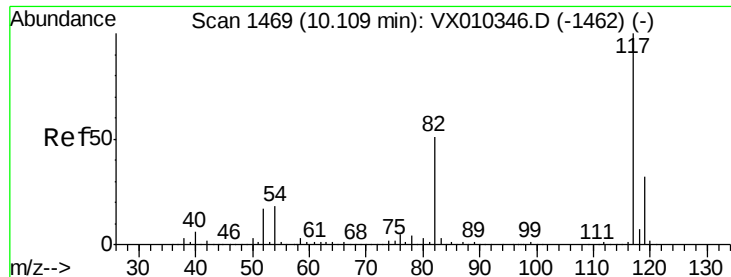


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

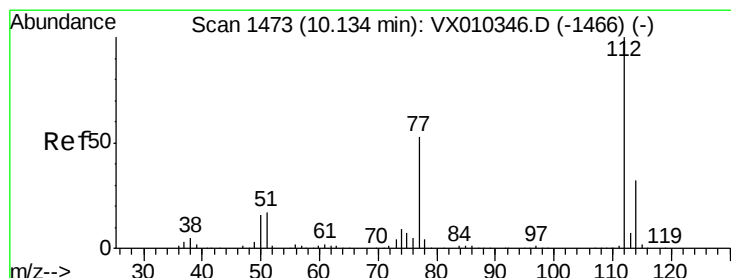
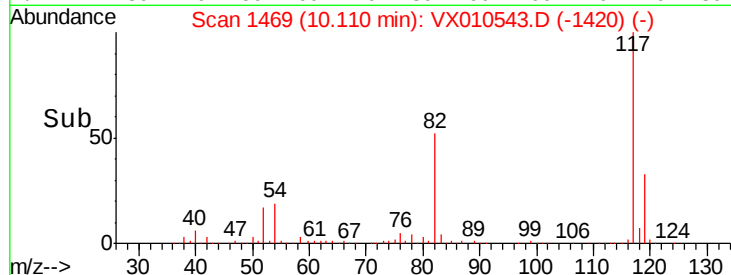
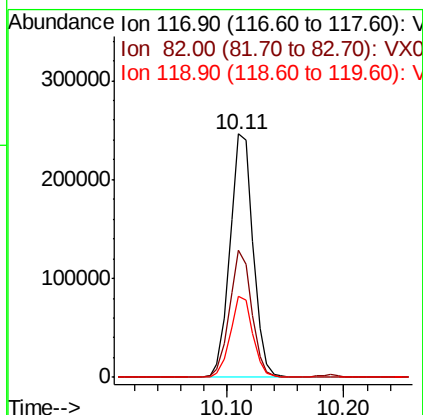
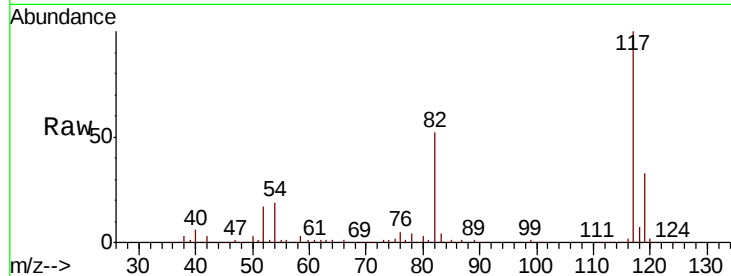




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

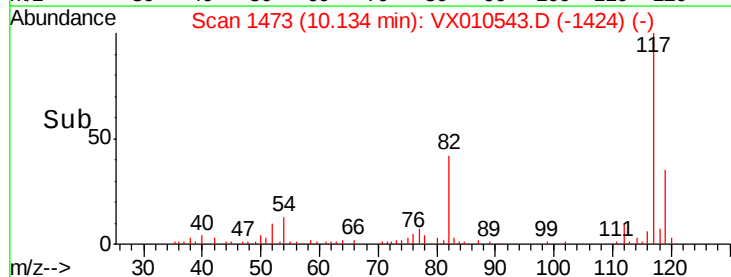
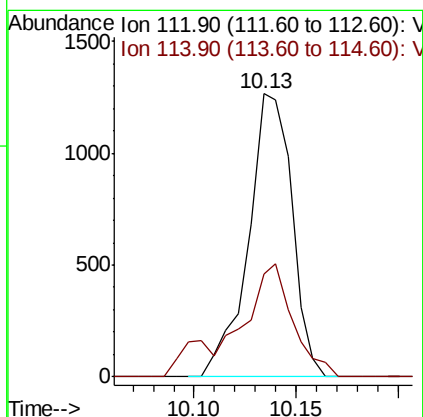
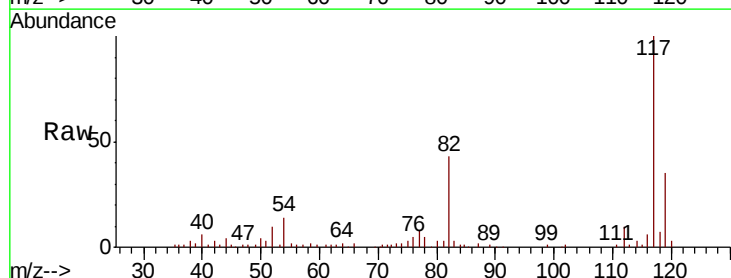
Instrument :
MSVOA_X
ClientSampleId :
RW-1

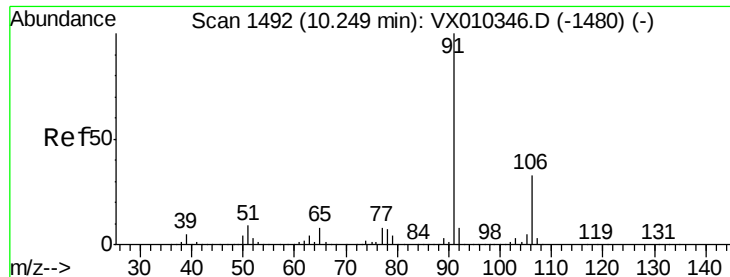
Tot Ion:117 Resp: 339852
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 33.4 25.5 38.3



#65
Chlorobenzene
Concen: 0.273 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion:112 Resp: 1886
Ion Ratio Lower Upper
112 100
114 36.2 25.4 38.2

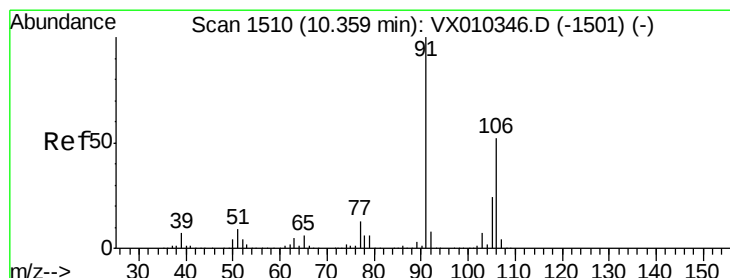
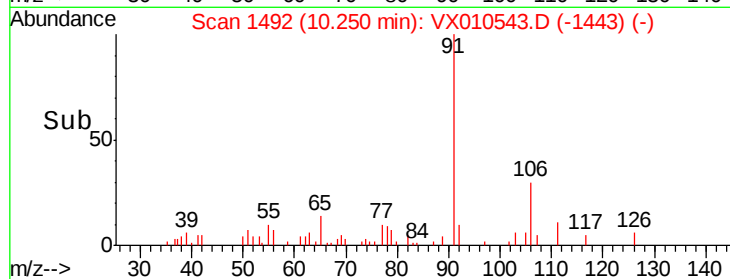
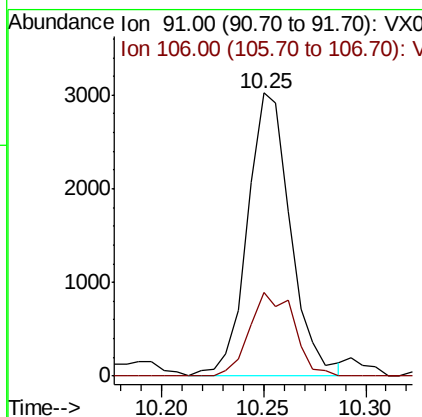
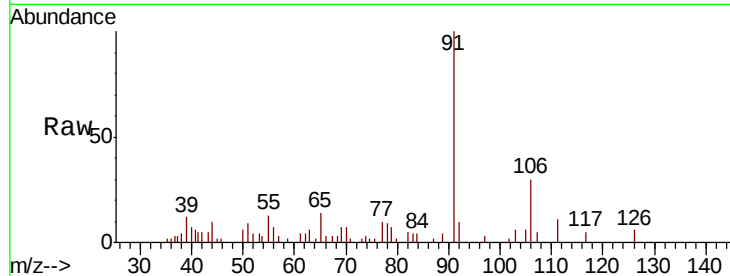




#67
Ethyl Benzene
Concen: 0.382 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

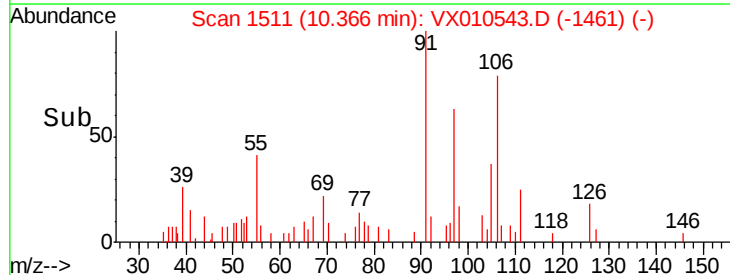
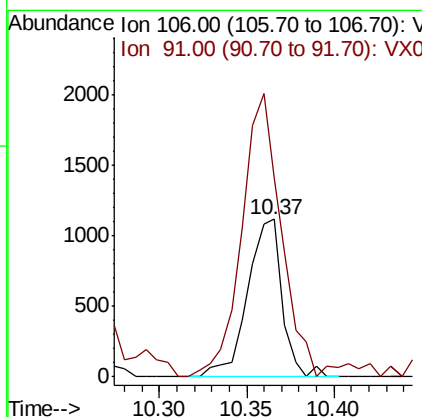
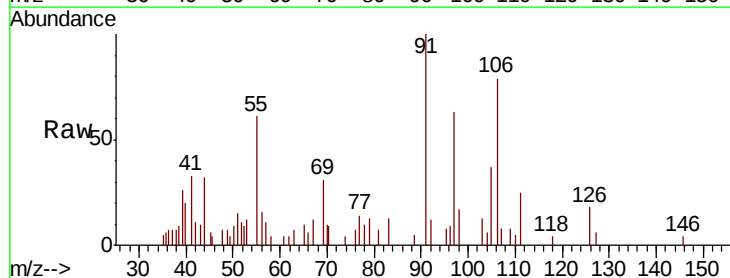
Instrument :
MSVOA_X
ClientSampled :
RW-1

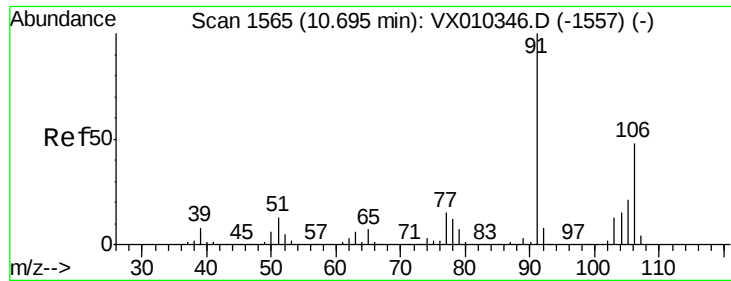
Tot Ion: 91 Resp: 4445
Ion Ratio Lower Upper
91 100
106 29.6 26.2 39.2



#68
m/p-Xylenes
Concen: 0.340 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion: 106 Resp: 1535
Ion Ratio Lower Upper
106 100
91 206.9 155.3 232.9

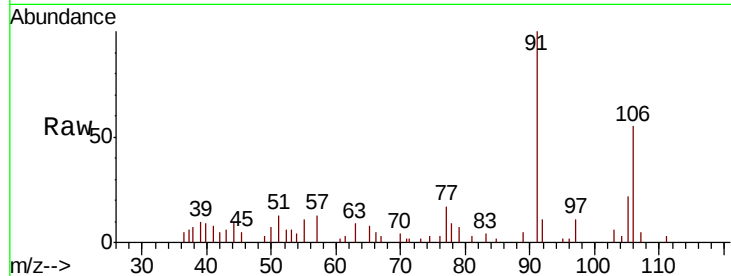




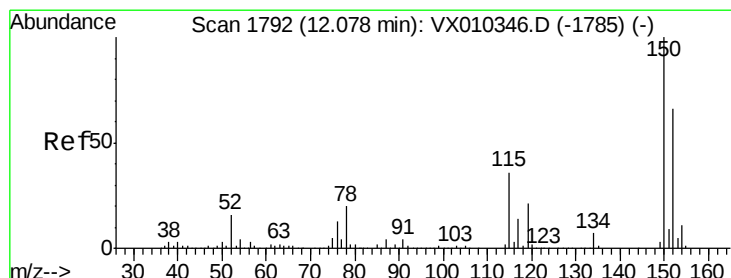
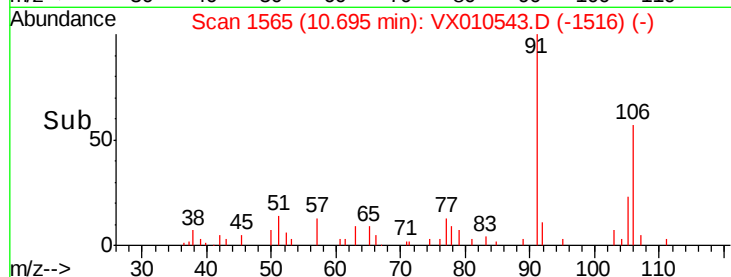
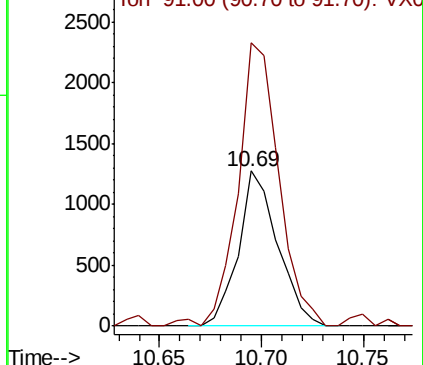
#69
o-Xylene
Concen: 0.385 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Instrument :
MSVOA_X
ClientSampled :
RW-1

Tot Ion:106 Resp: 1707
Ion Ratio Lower Upper
106 100
91 190.1 102.7 308.1

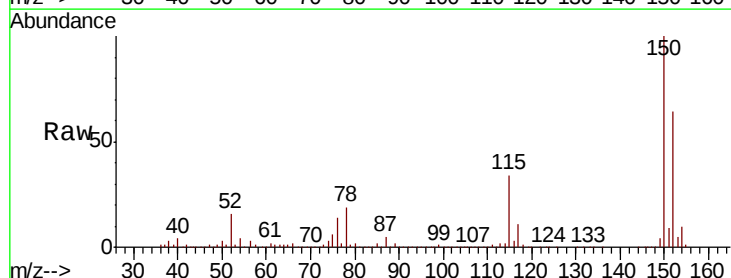


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

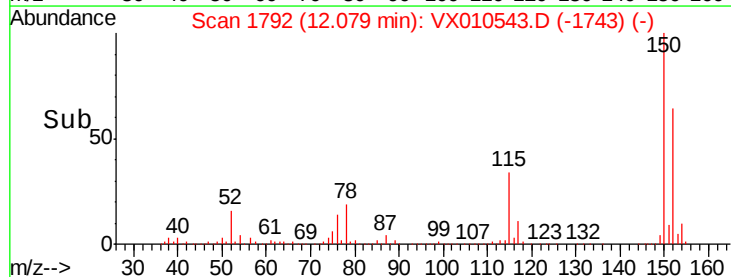
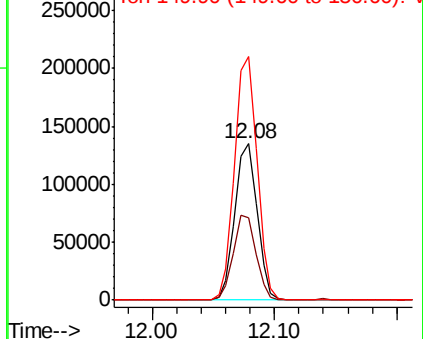


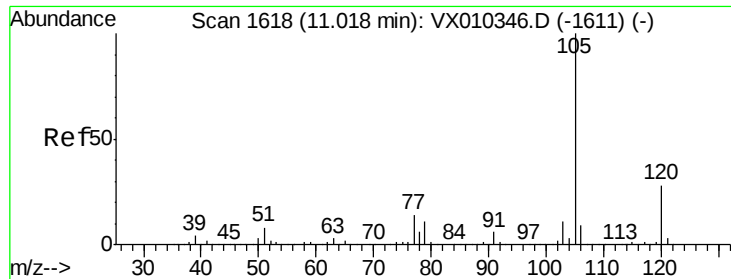
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion:152 Resp: 169662
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 157.7 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: 9.855 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

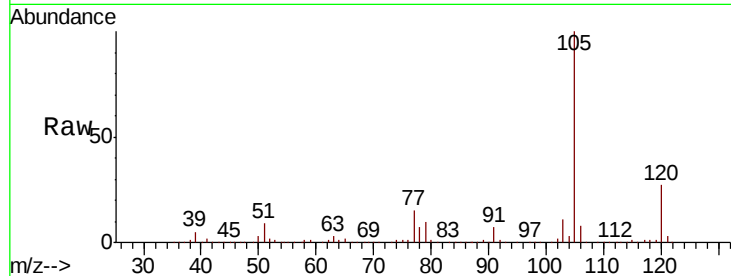
RW-1

Tot Ion:105 Resp: 113342

Ion Ratio Lower Upper

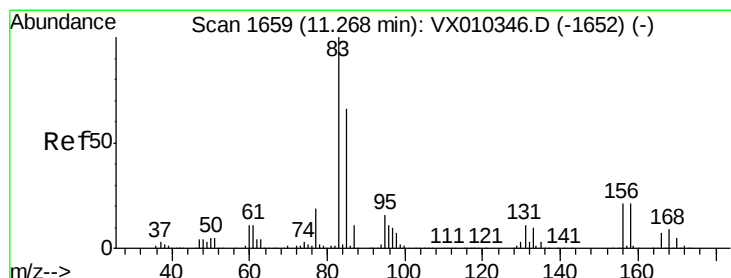
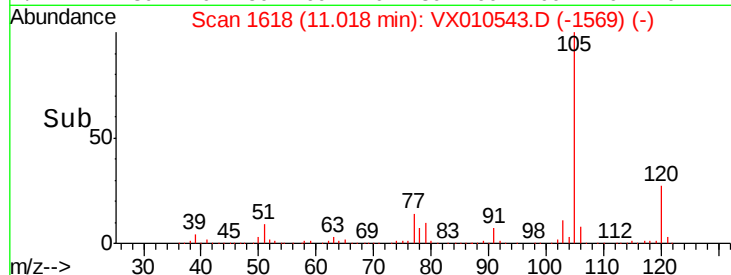
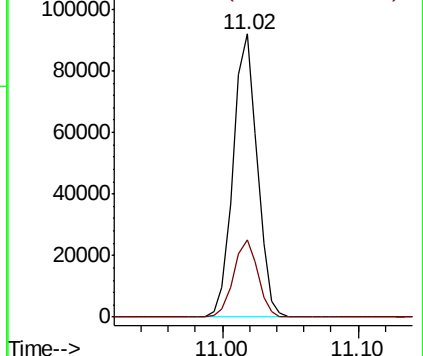
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.212 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

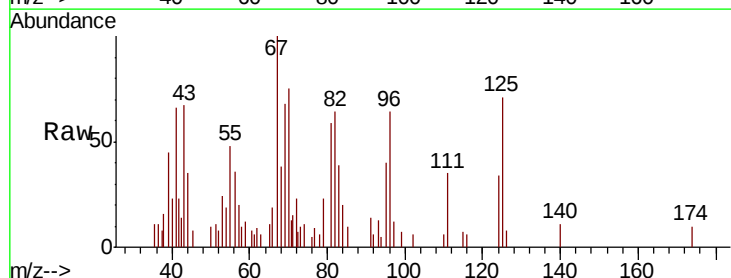
Tgt Ion: 83 Resp: 808

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

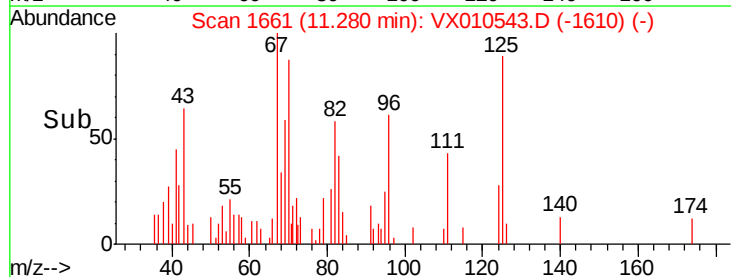
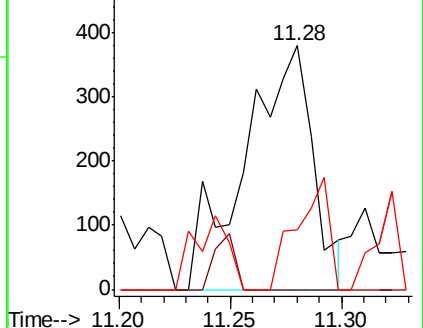
85 21.9 32.3 96.8#

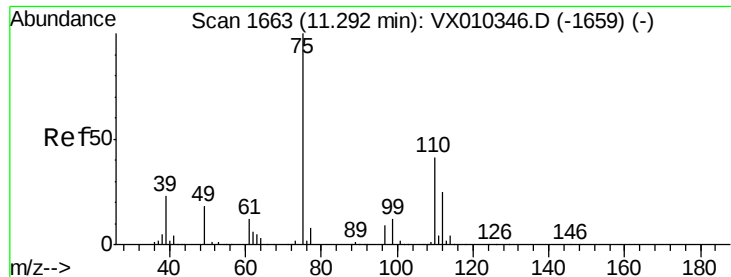


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 23.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

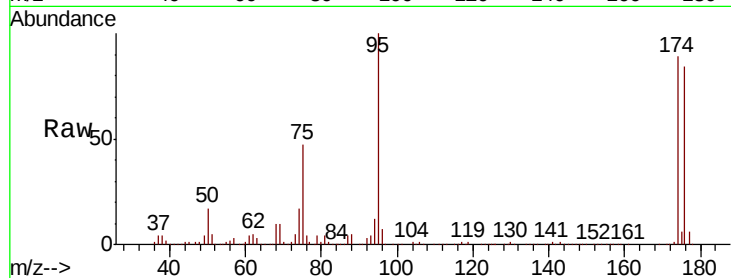
RW-1

Tot Ion: 75 Resp: 73638

Ion Ratio Lower Upper

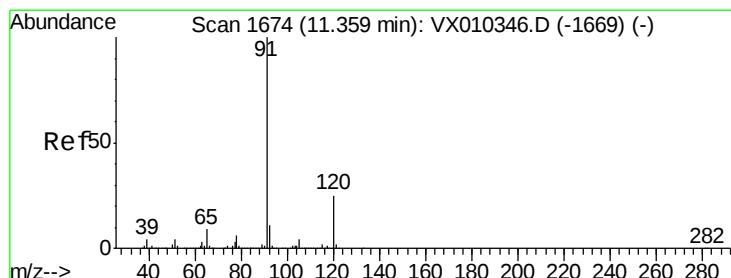
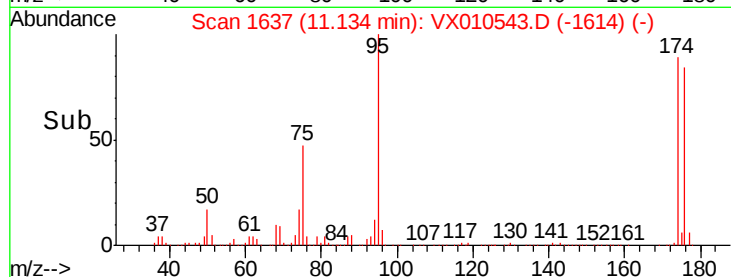
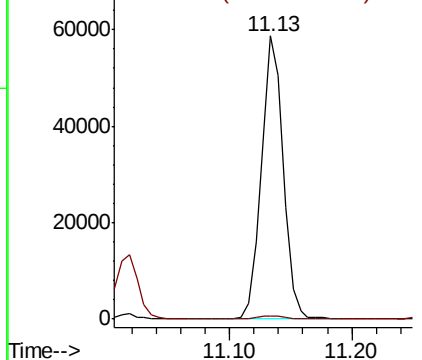
75 100

77 1.2 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 15.446 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010543.D

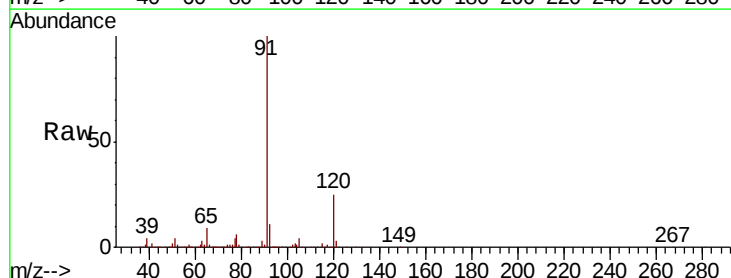
Acq: 28 Jun 2019 18:31

Tgt Ion: 91 Resp: 195244

Ion Ratio Lower Upper

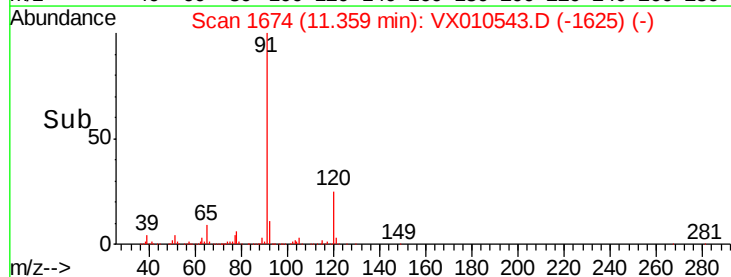
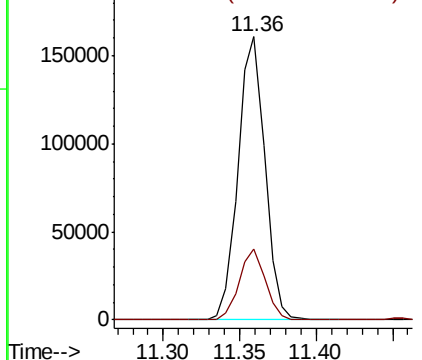
91 100

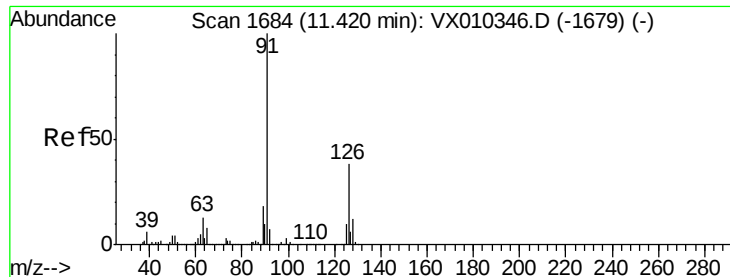
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.940 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

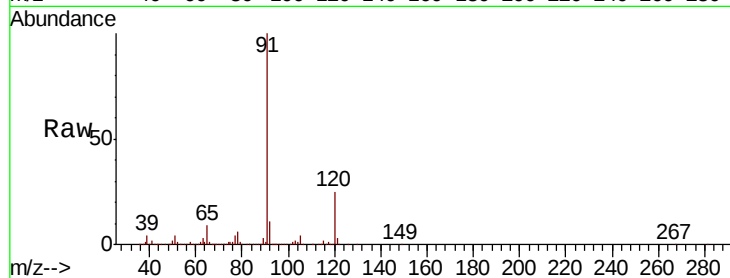
RW-1

Tot Ion: 91 Resp: 195244

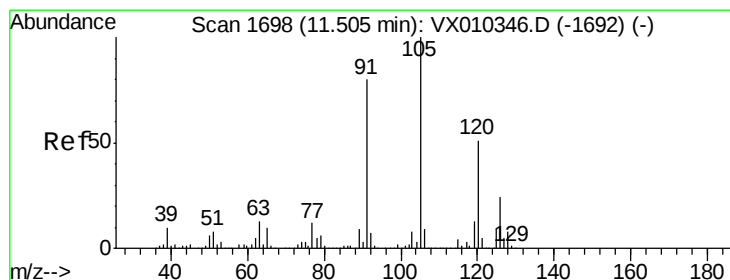
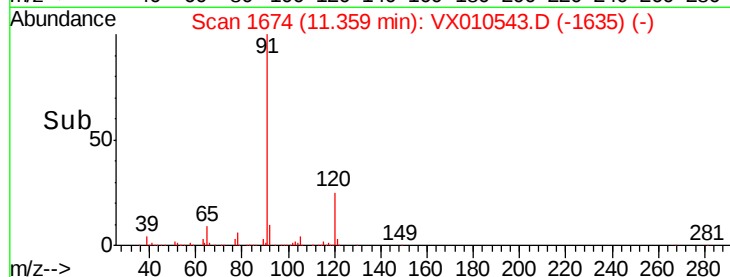
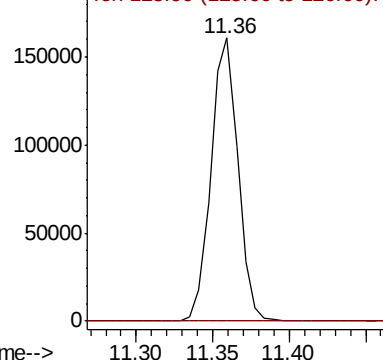
Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.594 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010543.D

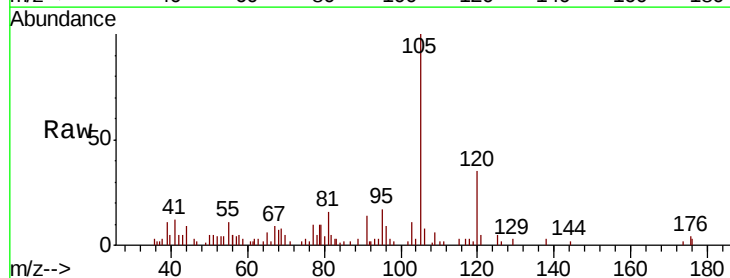
Acq: 28 Jun 2019 18:31

Tgt Ion:105 Resp: 5634

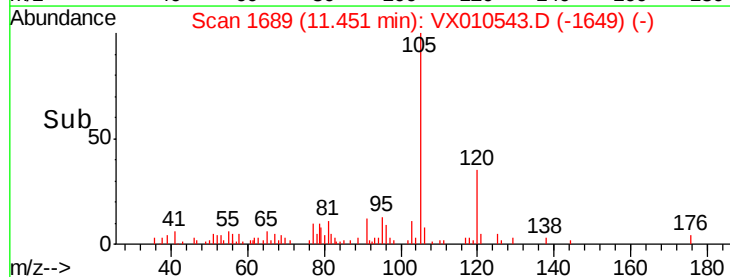
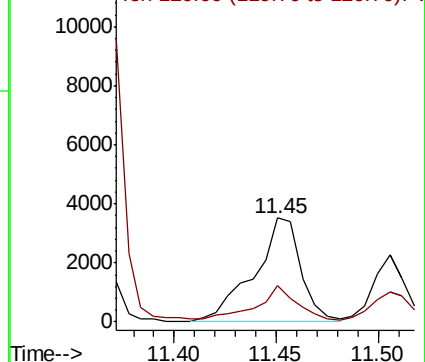
Ion Ratio Lower Upper

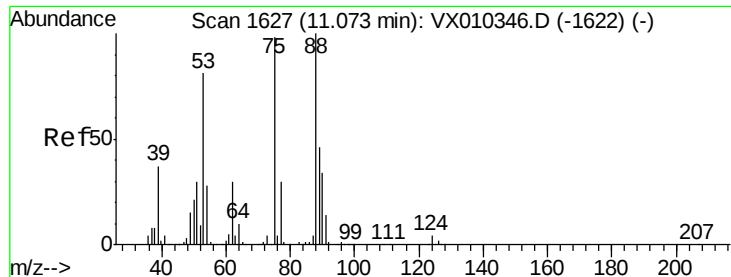
105 100

120 32.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.565 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RW-1

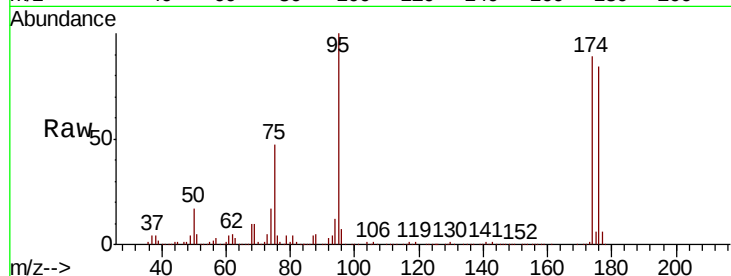
Tot Ion: 75 Resp: 73638

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

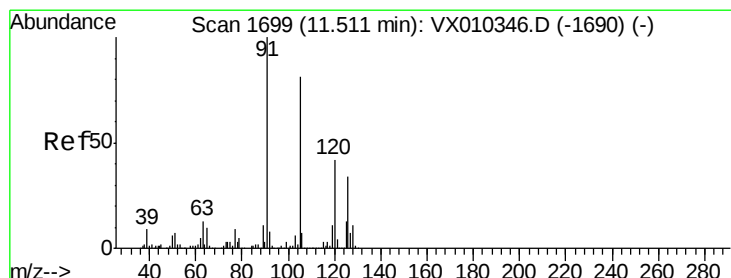
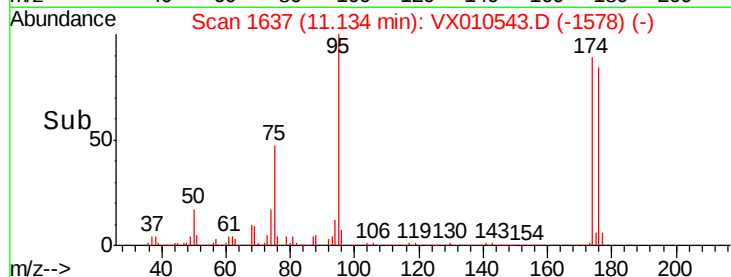
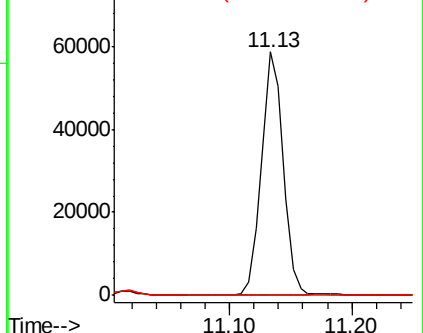
89 0.0 37.8 56.6#



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: 22.796 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010543.D

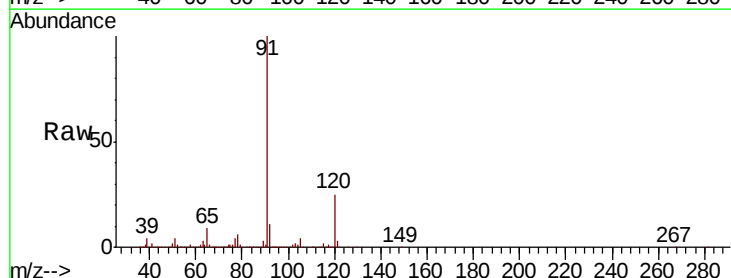
Acq: 28 Jun 2019 18:31

Tgt Ion: 91 Resp: 195244

Ion Ratio Lower Upper

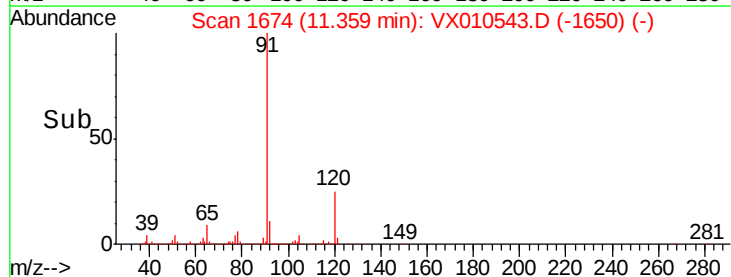
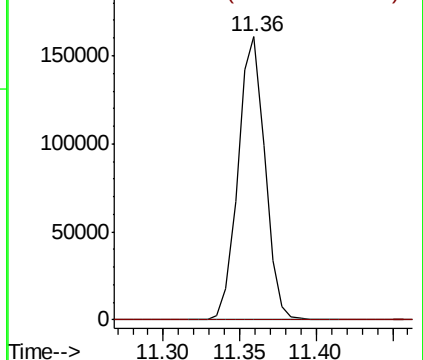
91 100

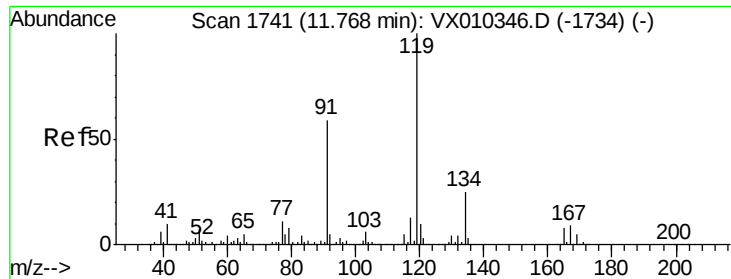
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.574 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

RW-1

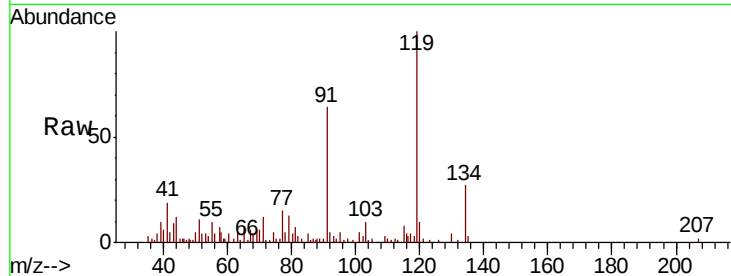
Tot Ion:119 Resp: 5467

Ion Ratio Lower Upper

119 100

91 64.1 27.6 82.7

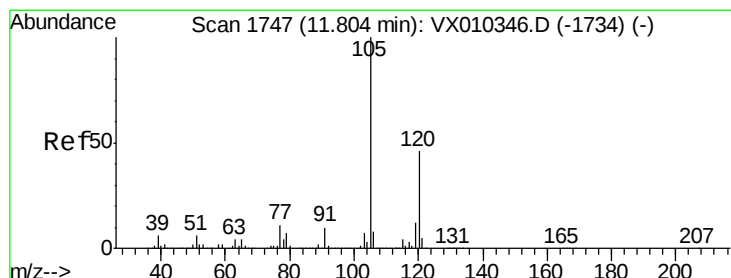
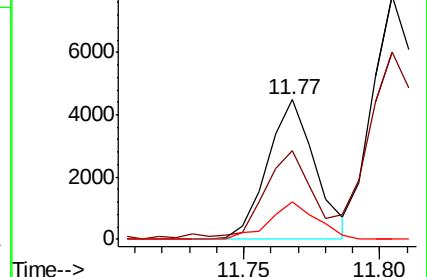
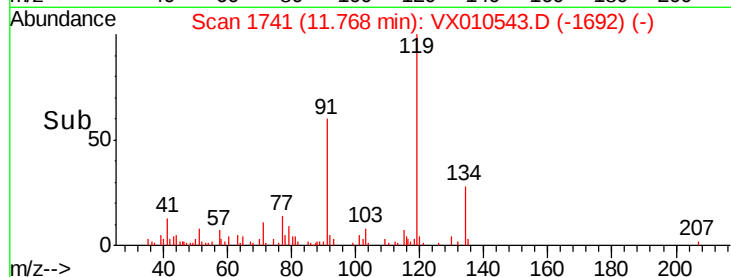
134 26.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.655 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010543.D

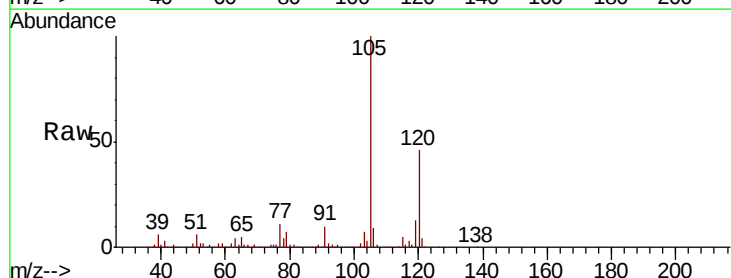
Acq: 28 Jun 2019 18:31

Tgt Ion:105 Resp: 72919

Ion Ratio Lower Upper

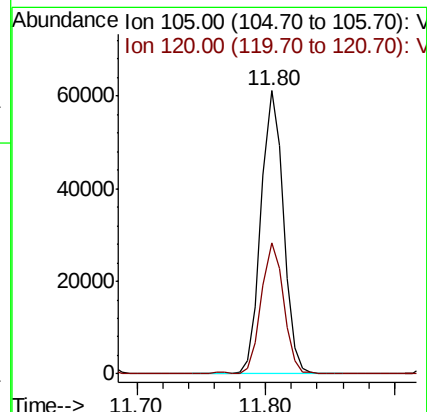
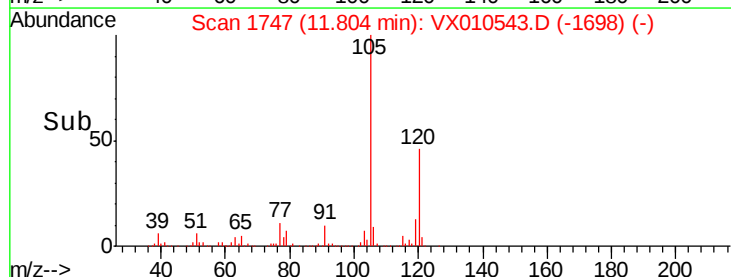
105 100

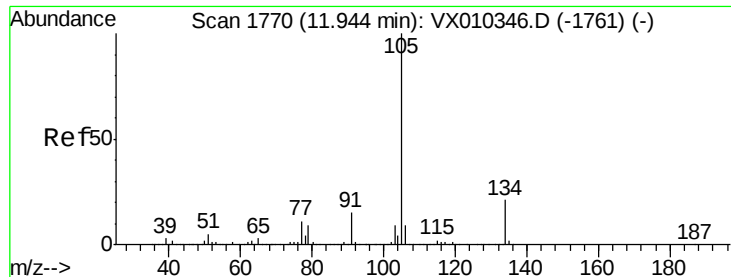
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 6.602 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

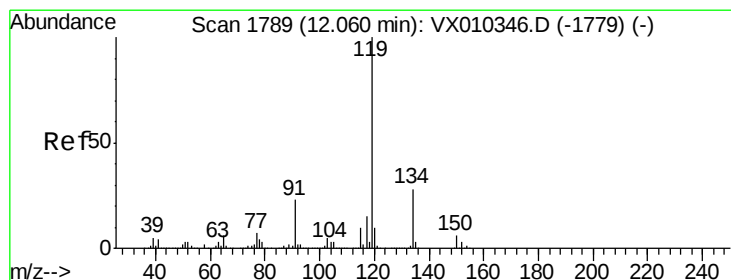
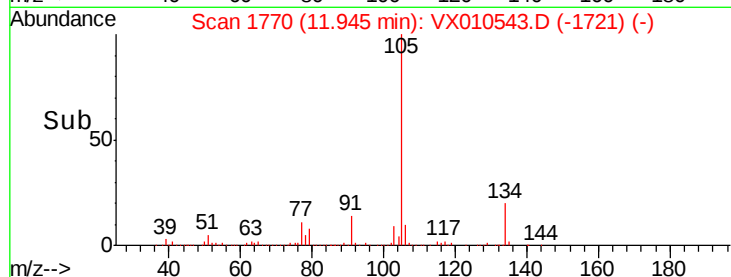
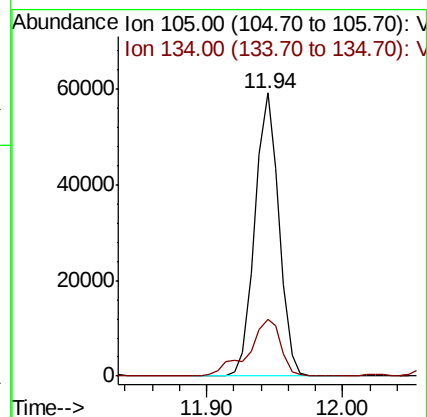
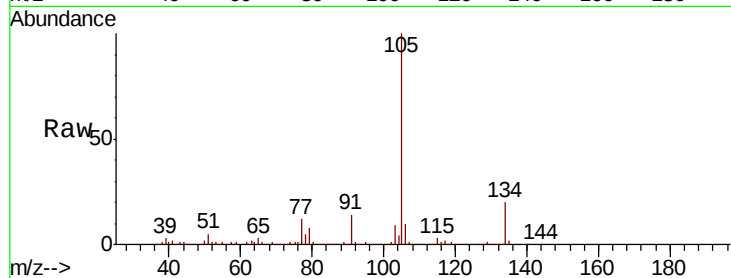
RW-1

Tot Ion:105 Resp: 73761

Ion Ratio Lower Upper

105 100

134 27.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 1.959 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

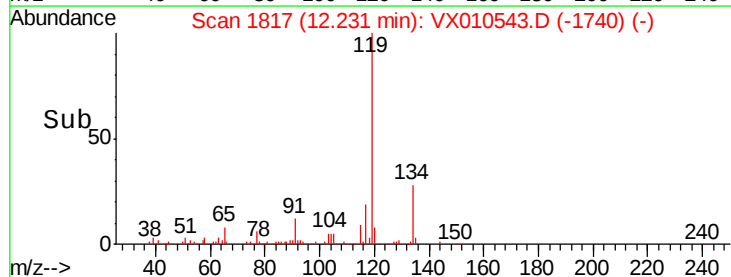
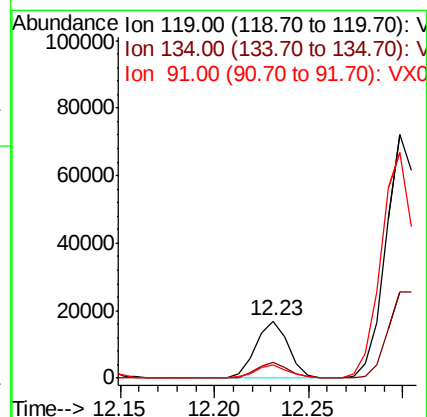
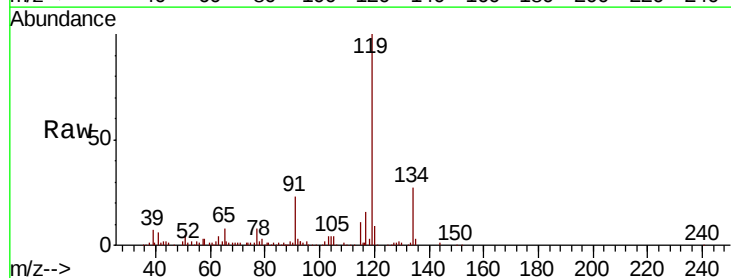
Tgt Ion:119 Resp: 20243

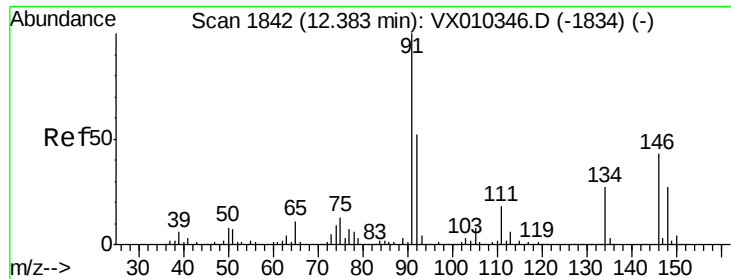
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 24.0 11.3 33.8

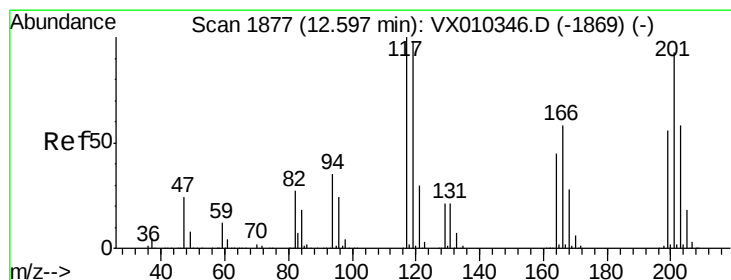
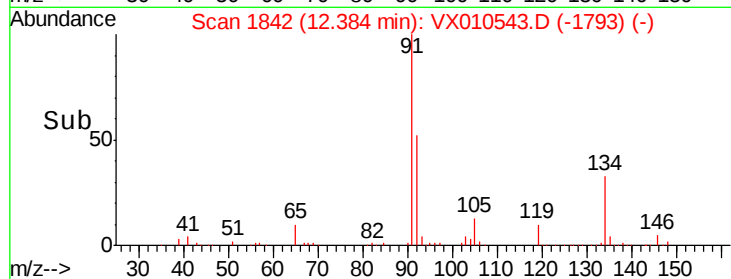
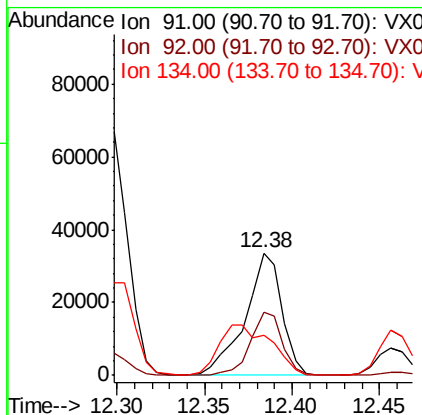
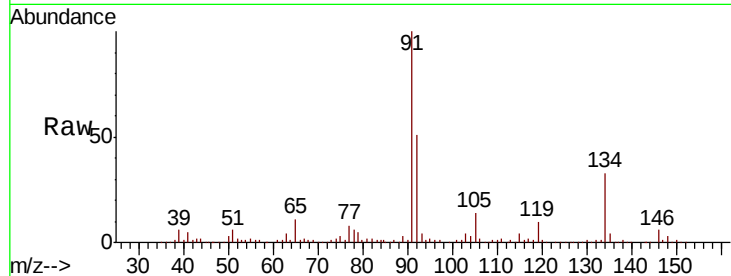




#89
n-Butylbenzene
Concen: 5.564 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

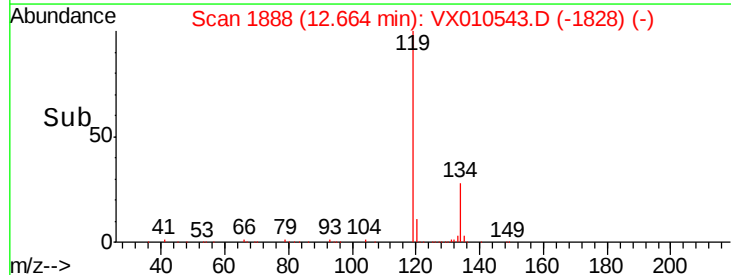
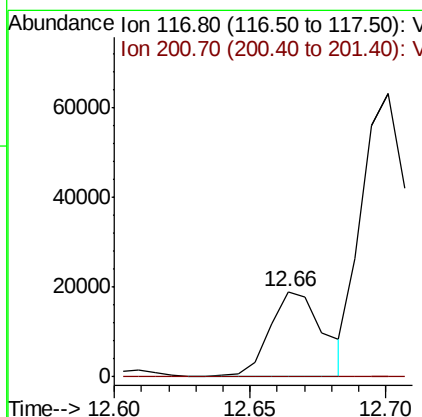
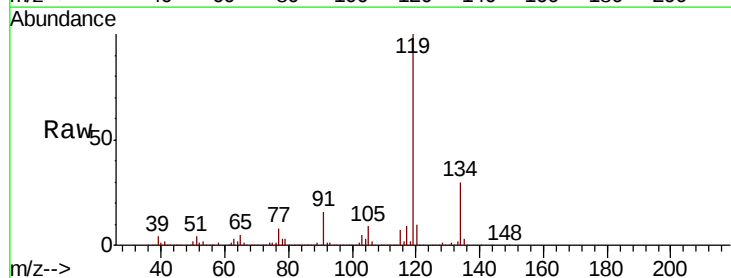
Instrument :
MSVOA_X
ClientSampled :
RW-1

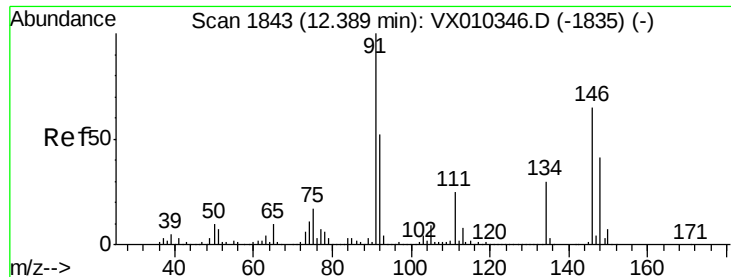
Tot Ion: 91 Resp: 48860
Ion Ratio Lower Upper
91 100
92 44.9 26.2 78.5
134 58.7 14.1 42.4#



#90
Hexachloroethane
Concen: 14.184 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Tgt Ion: 117 Resp: 25347
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#91

1,2-Dichlorobenzene

Concen: 0.493 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RW-1

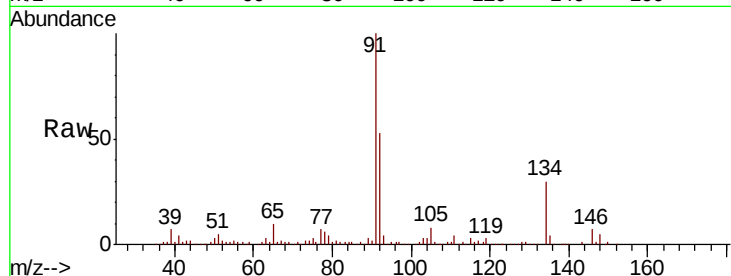
Tot Ion:146 Resp: 2746

Ion Ratio Lower Upper

146 100

111 51.4 19.2 57.6

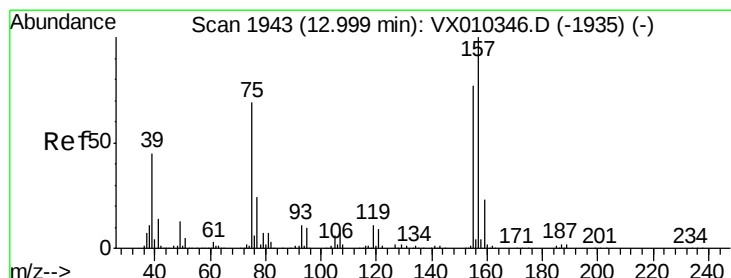
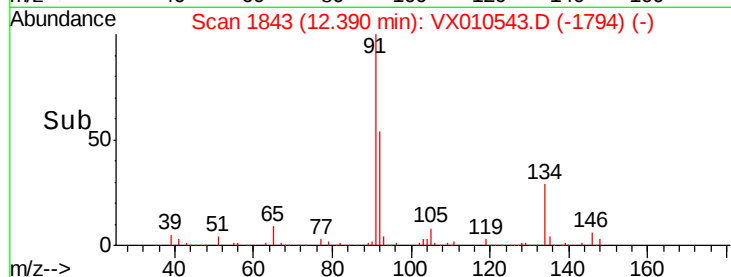
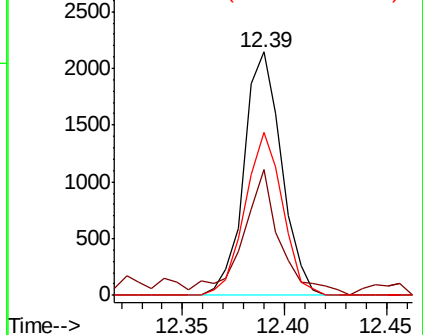
148 67.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.676 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010543.D

Acq: 28 Jun 2019 18:31

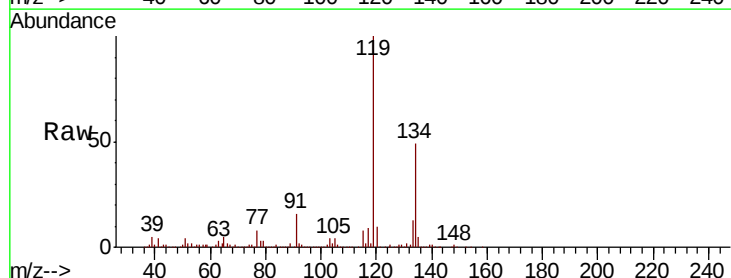
Tgt Ion: 75 Resp: 555

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

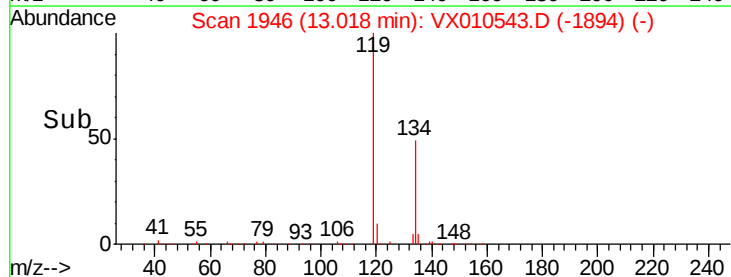
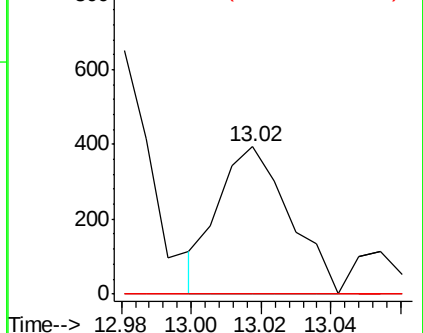
157 0.0 69.5 208.3#

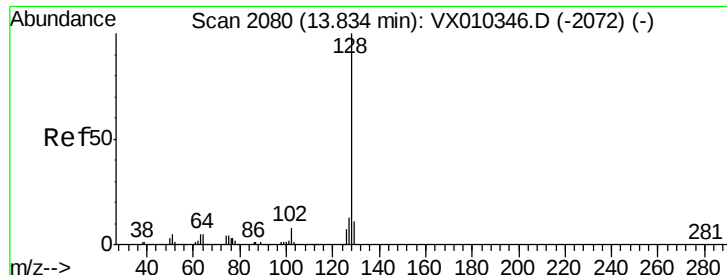


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.237 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010543.D
Acq: 28 Jun 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RW-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	22.2	8.9	13.3

