

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010490.D
 Acq On : 27 Jun 2019 15:43
 Operator : JC/SP
 Sample : K3565-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:48:12 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	251692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119010	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	5.50	113	116529	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.71	98	454437	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	153440	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	765	0.375	ug/l	88
5) Bromomethane	1.65	94	381	0.350	ug/l #	64
6) Chloroethane	1.73	64	447	0.339	ug/l #	67
8) Diethyl Ether	2.18	74	334	0.263	ug/l	55
11) Tert butyl alcohol	3.03	59	935	1.514	ug/l #	74
13) Acrolein	2.29	56	129	0.315	ug/l #	14
16) Acetone	2.45	43	3597	3.041	ug/l #	88
20) Methylene Chloride	2.86	84	757	0.311	ug/l #	72
31) Cyclohexane	5.58	56	7485	2.196	ug/l	90
36) 1,1-Dichloropropene	5.66	75	15527	5.085	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22048	6.668	ug/l #	15
39) Methylcyclohexane	7.46	83	21390	5.329	ug/l	94
40) Benzene	6.15	78	7082	0.744	ug/l	93
41) Methacrylonitrile	5.03	41	348	0.202	ug/l #	51
49) 1,4-Dioxane	7.67	88	22	0.316	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1304	0.392	ug/l #	50
52) Toluene	8.78	92	3834	0.612	ug/l	98
56) Ethyl methacrylate	9.16	69	1214	0.310	ug/l #	10
59) 2-Hexanone	9.62	43	640	0.245	ug/l	64
67) Ethyl Benzene	10.25	91	37222	3.140	ug/l	99
68) m/p-Xylenes	10.36	106	35876	7.811	ug/l	100
69) o-Xylene	10.69	106	1759	0.389	ug/l	89
73) Isopropylbenzene	11.02	105	6334	0.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	829	0.228	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	72596	24.644	ug/l #	33
78) n-propylbenzene	11.36	91	7977	0.662	ug/l	97
79) 2-Chlorotoluene	11.43	91	2941	0.410	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	9670	1.070	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	72596	57.492	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.80	105	23766	2.619	ug/l	96
86) p-Isopropyltoluene	12.02	119	2351	0.239	ug/l	91
89) n-Butylbenzene	12.38	91	1837	0.220	ug/l #	71
90) Hexachloroethane	12.60	117	707	0.415	ug/l #	5
95) Naphthalene	13.83	128	10157	0.898	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

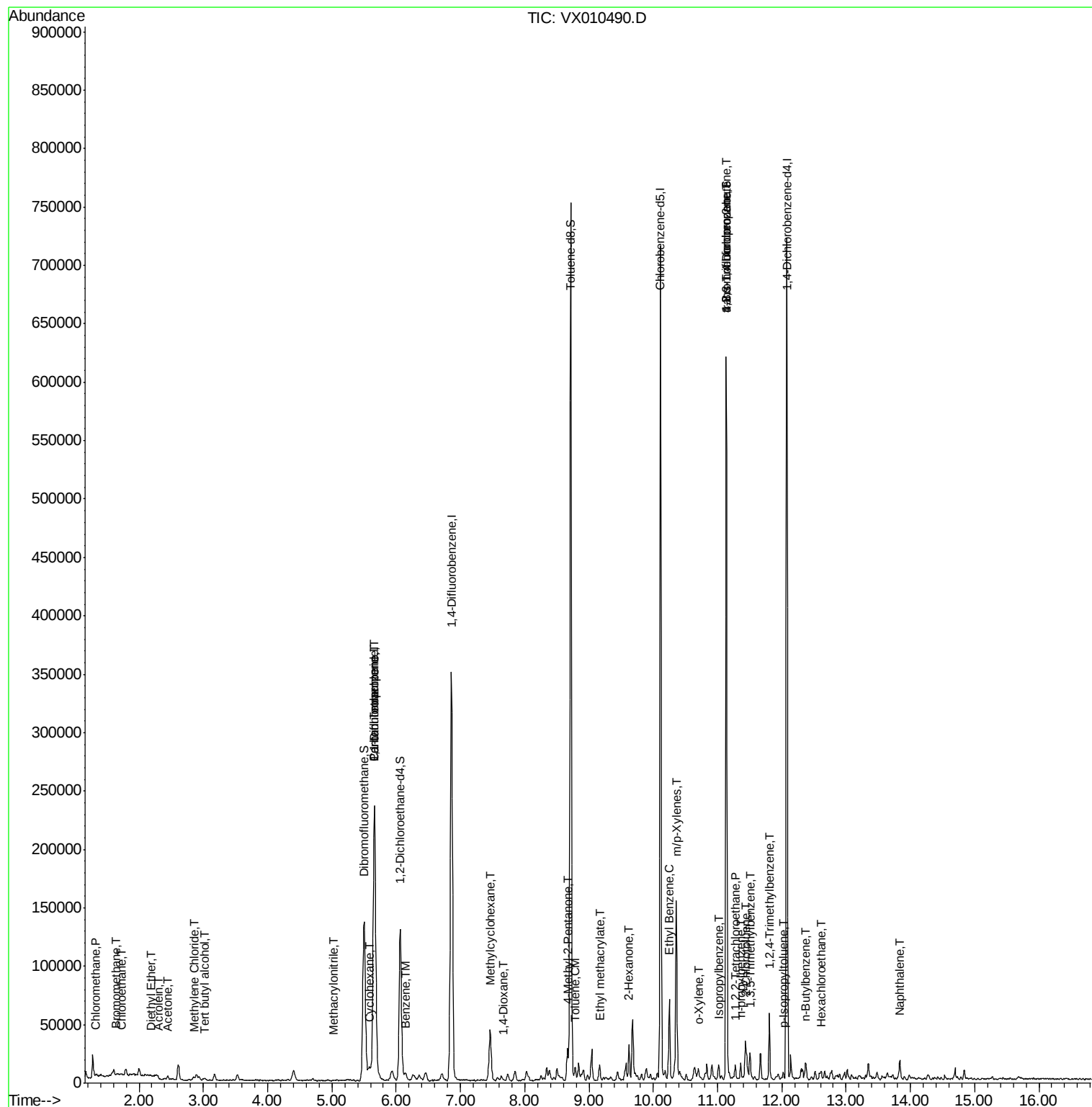
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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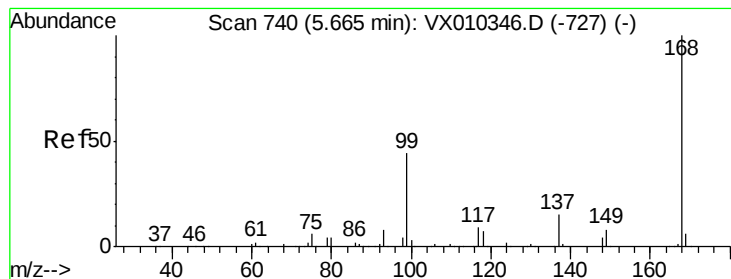
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

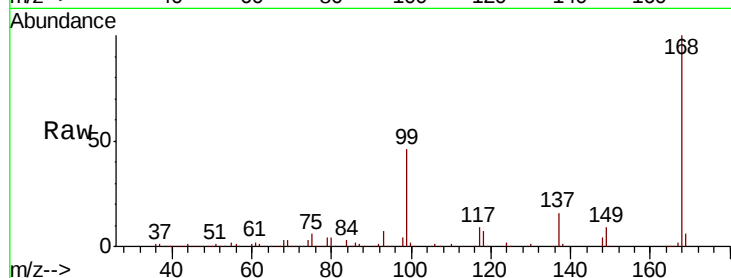
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 251692

Ion Ratio Lower Upper

168 100

99 46.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

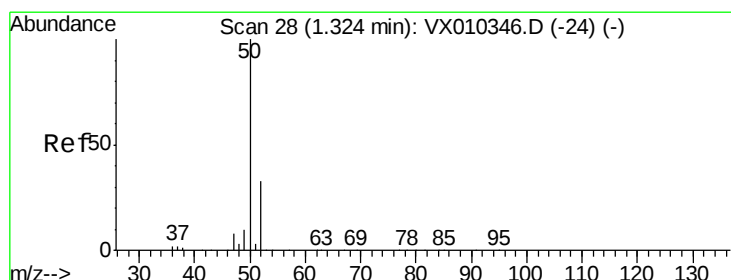
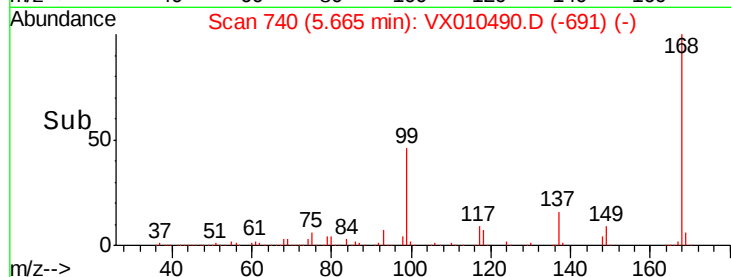
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.375 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010490.D

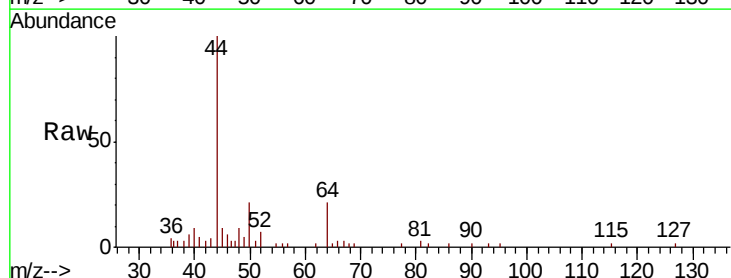
Acq: 27 Jun 2019 15:43

Tgt Ion: 50 Resp: 765

Ion Ratio Lower Upper

50 100

52 39.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

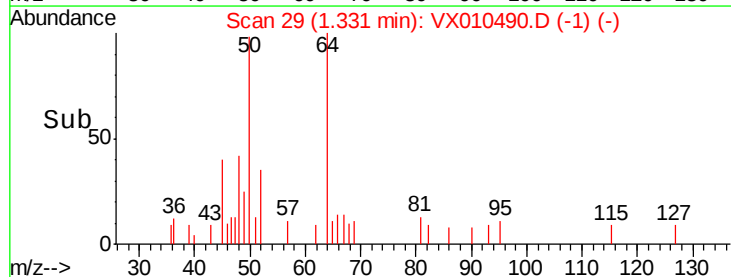
600

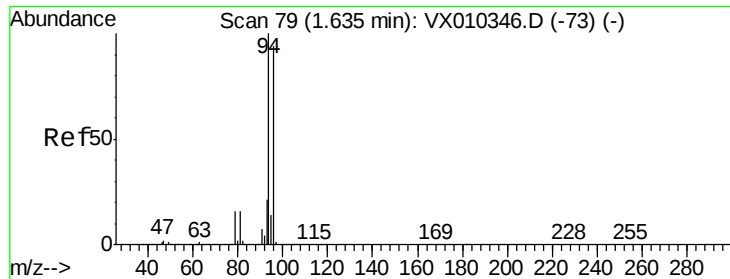
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.350 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

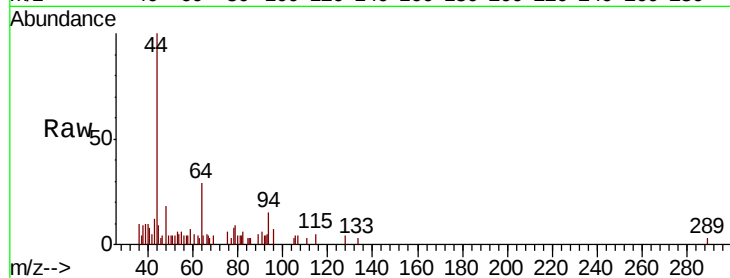
ClientSampled :

Tot Ion: 94 Resp: 381

Ion Ratio Lower Upper

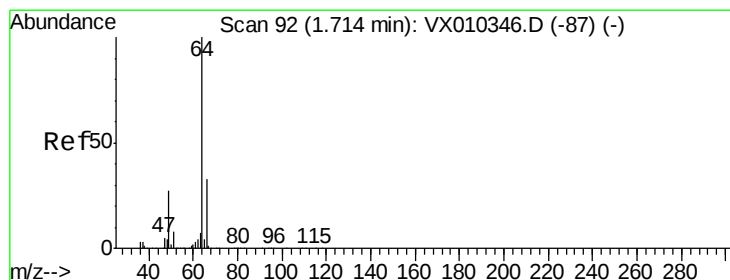
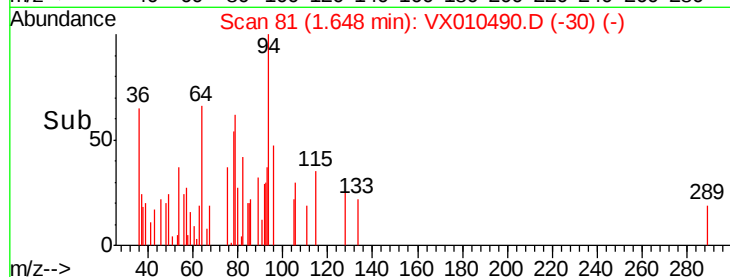
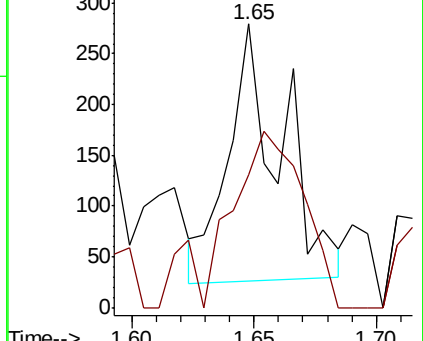
94 100

96 59.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.339 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010490.D

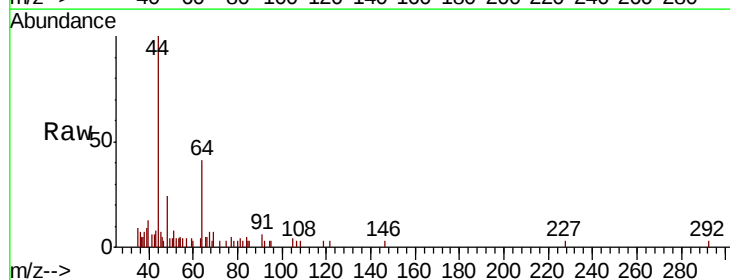
Acq: 27 Jun 2019 15:43

Tgt Ion: 64 Resp: 447

Ion Ratio Lower Upper

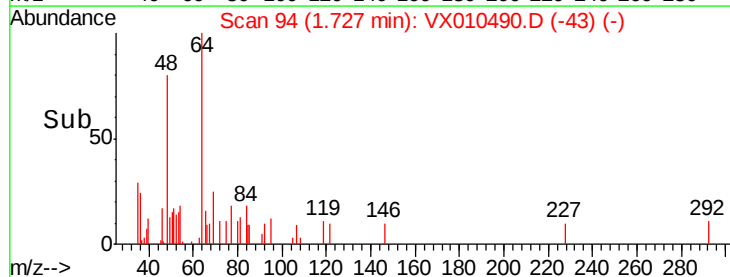
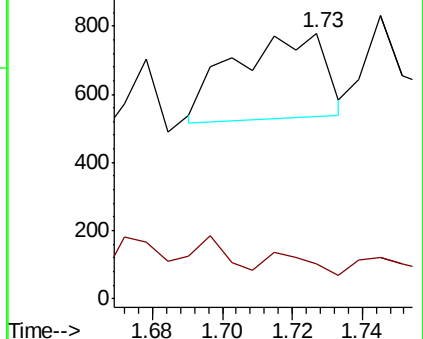
64 100

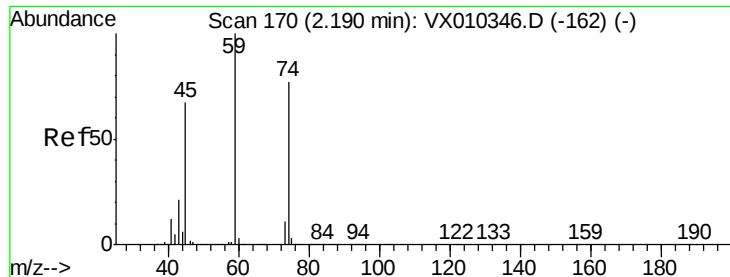
66 14.6 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.263 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

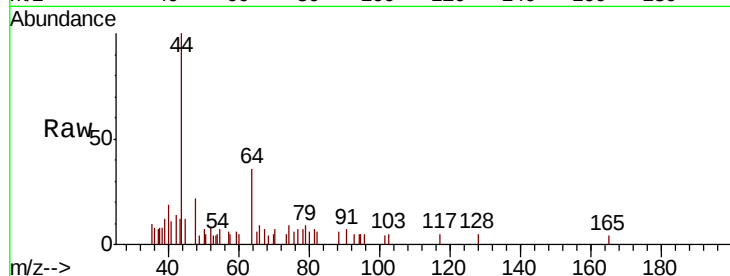
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 74 Resp: 334

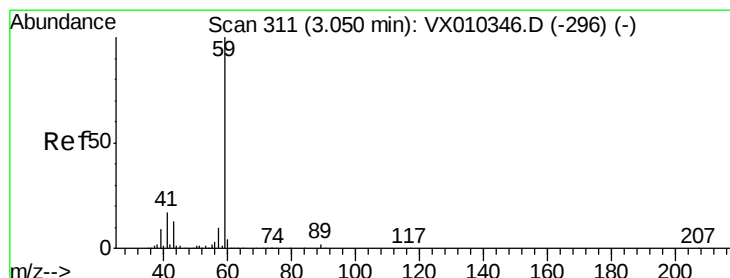
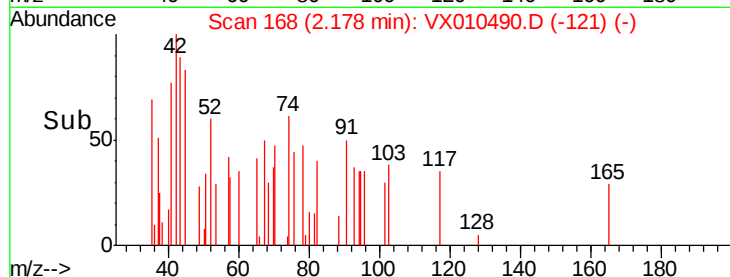
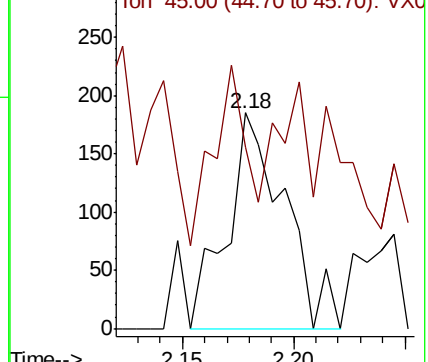
Ion Ratio Lower Upper

74 100

45 47.6 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0



#11

Tert butyl alcohol

Concen: 1.514 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010490.D

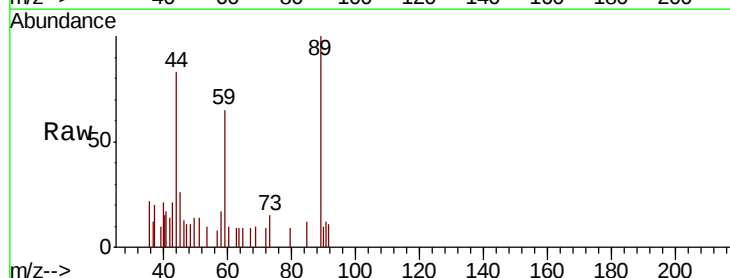
Acq: 27 Jun 2019 15:43

Tgt Ion: 59 Resp: 935

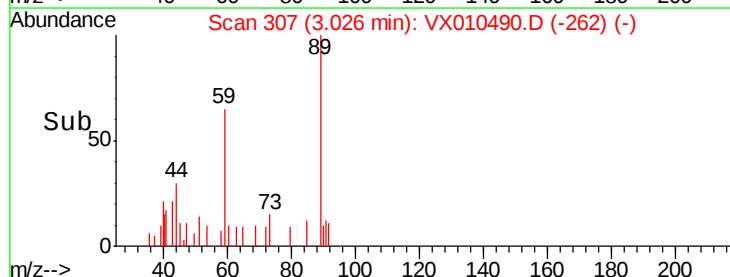
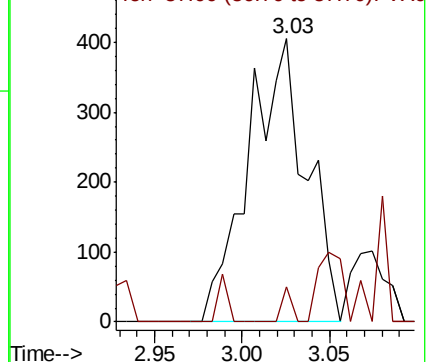
Ion Ratio Lower Upper

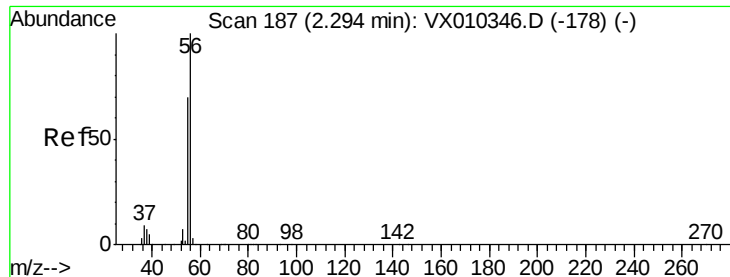
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0





#13

Acrolein

Concen: 0.315 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

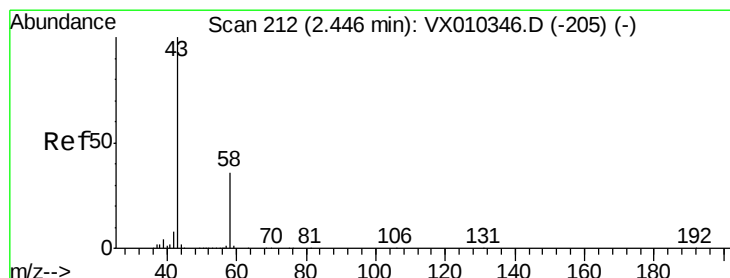
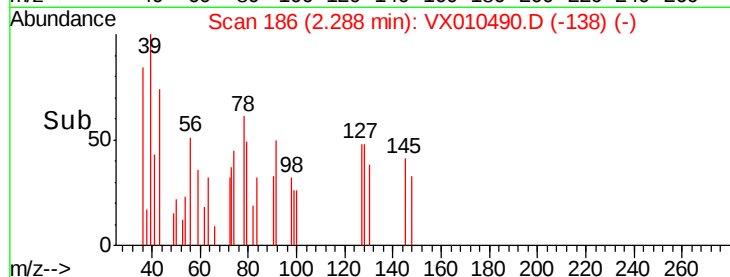
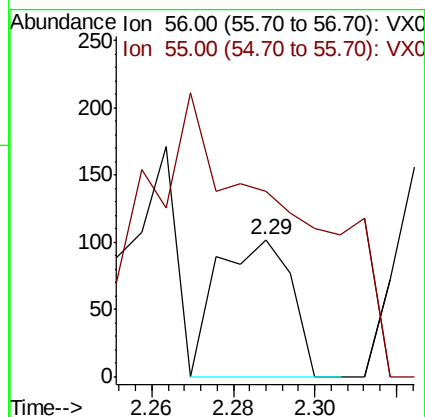
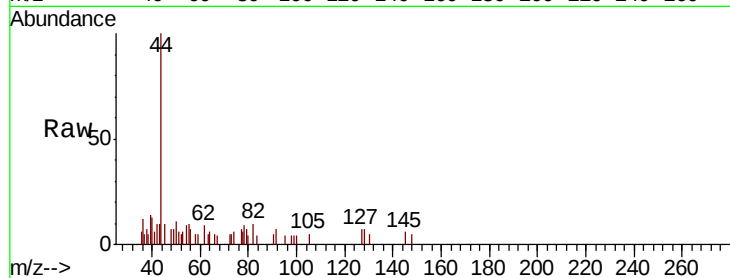
ClientSampleId :

Tot Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 3.041 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010490.D

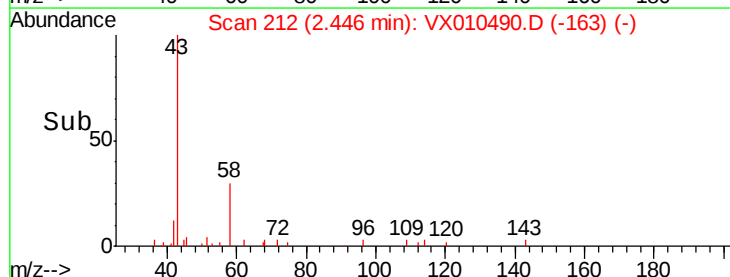
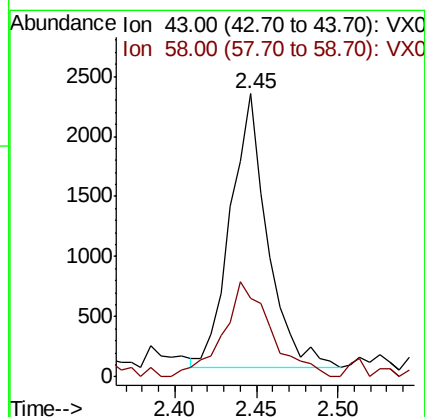
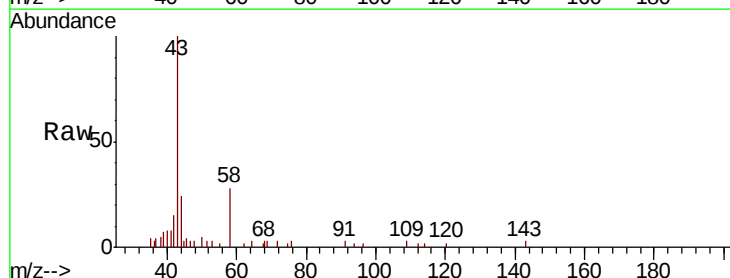
Acq: 27 Jun 2019 15:43

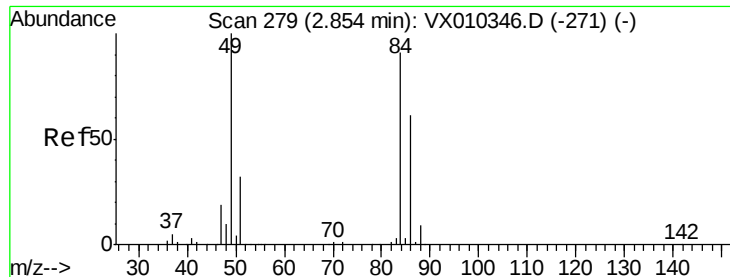
Tgt Ion: 43 Resp: 3597

Ion Ratio Lower Upper

43 100

58 28.9 28.9 43.3#

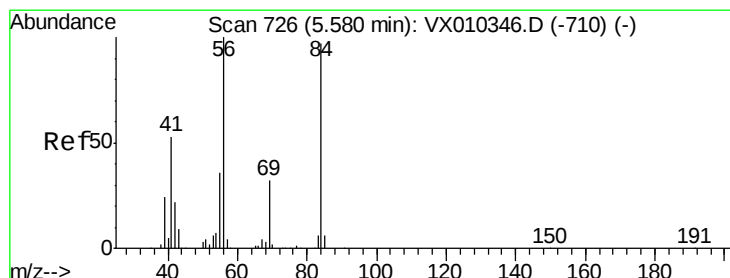
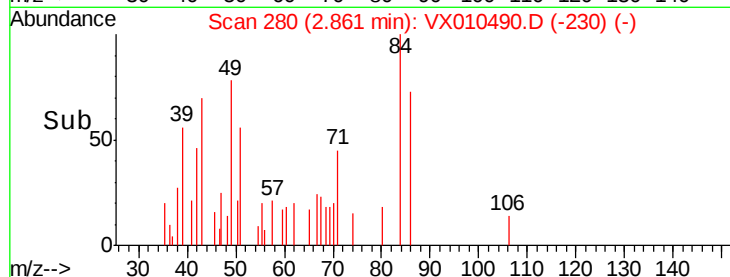
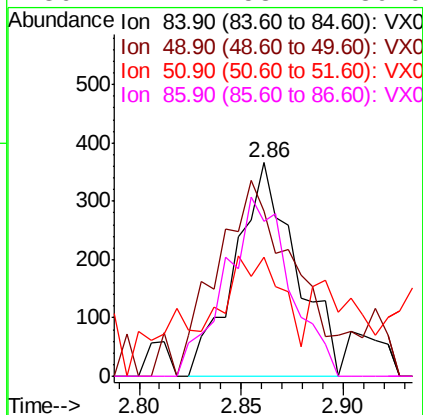
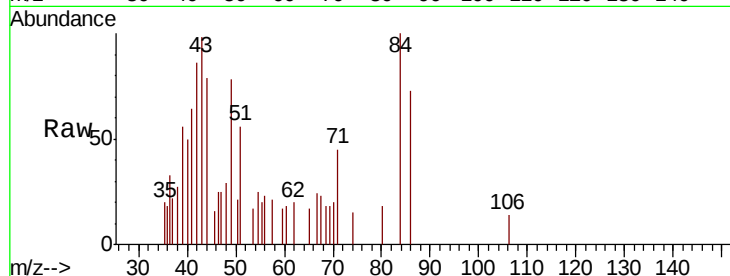




#20
Methvlene Chloride
Concen: 0.311 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

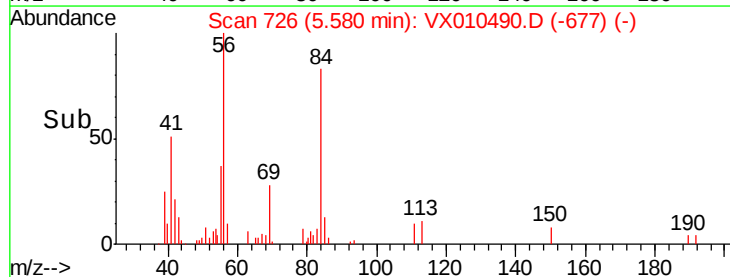
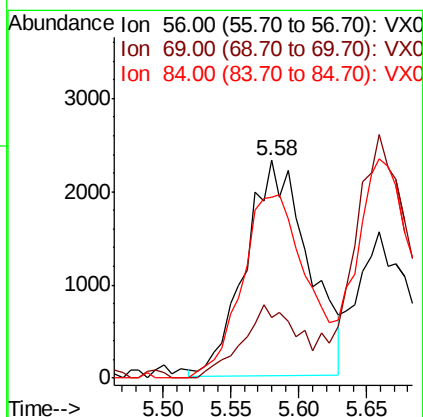
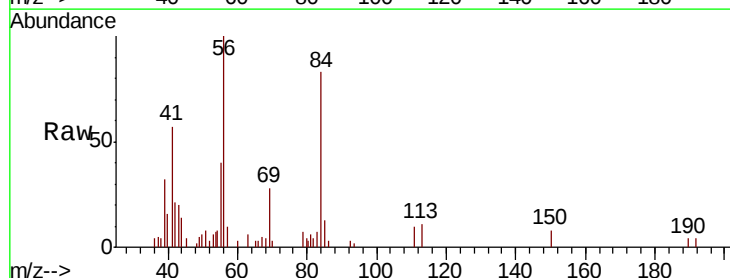
Instrument :
MSVOA_X
ClientSampled :

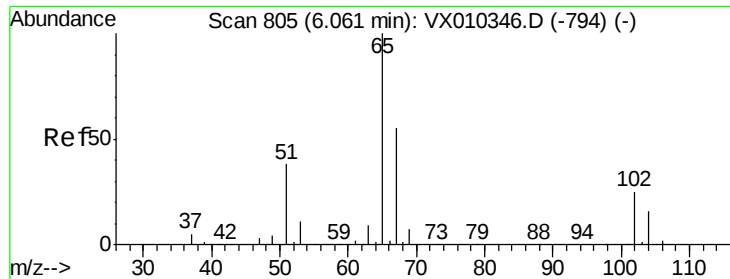
Tot Ion: 84 Resp: 757
Ion Ratio Lower Upper
84 100
49 58.5 87.5 131.3#
51 34.4 27.7 41.5
86 72.7 53.4 80.0



#31
Cyclohexane
Concen: 2.196 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Tgt Ion: 56 Resp: 7485
Ion Ratio Lower Upper
56 100
69 28.7 25.9 38.9
84 86.6 78.0 117.0

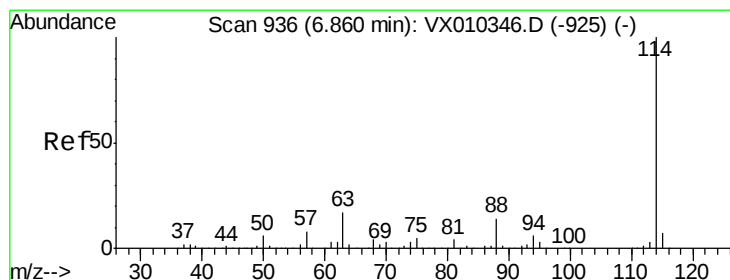
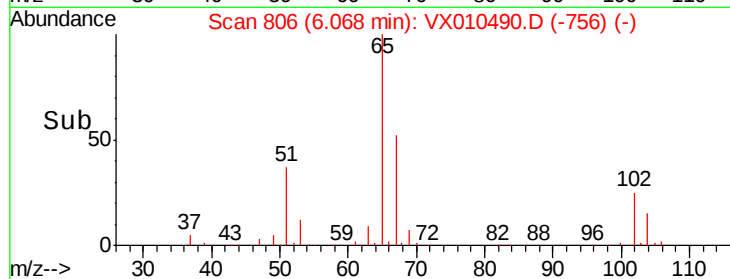
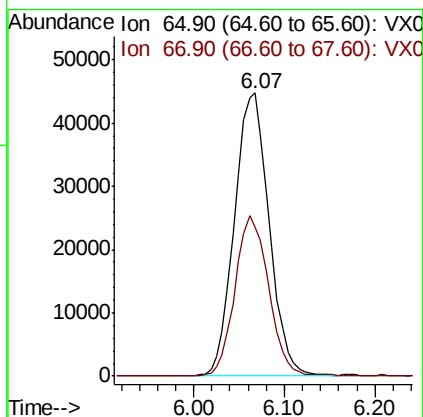
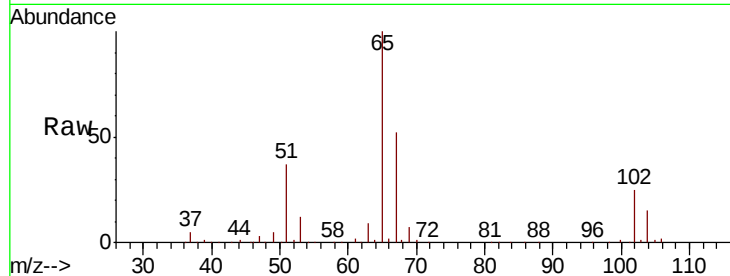




#33
 1,2-Dichloroethane-d4
 Concen: 50.431 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010490.D
 Acq: 27 Jun 2019 15:43

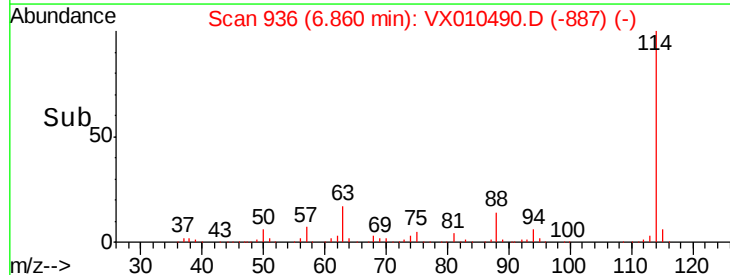
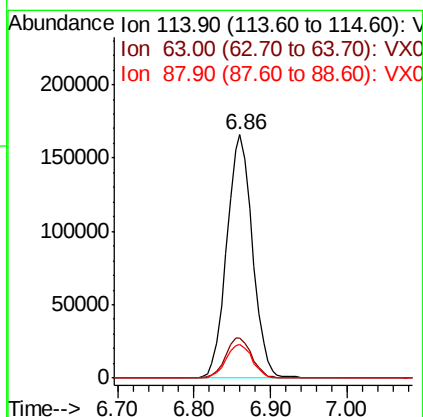
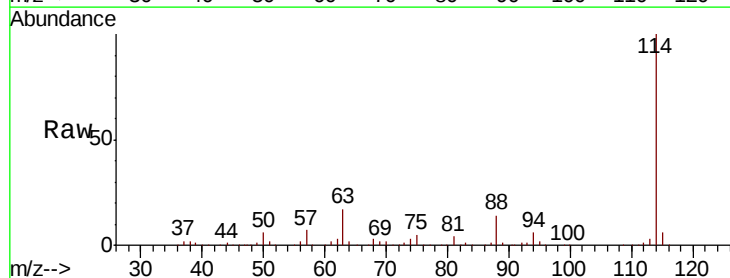
Instrument :
 MSVOA_X
 ClientSampleId :

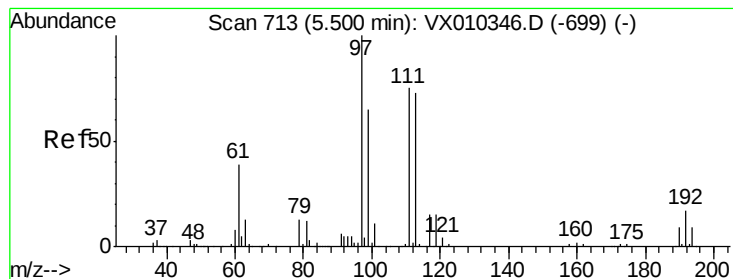
Tot Ion: 65 Resp: 119010
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010490.D
 Acq: 27 Jun 2019 15:43

Tgt Ion: 114 Resp: 384281
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.562 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

ClientSampled :

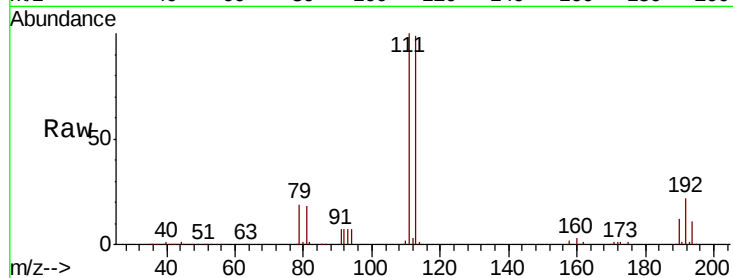
Tot Ion:113 Resp: 116529

Ion Ratio Lower Upper

113 100

111 100.6 81.2 121.8

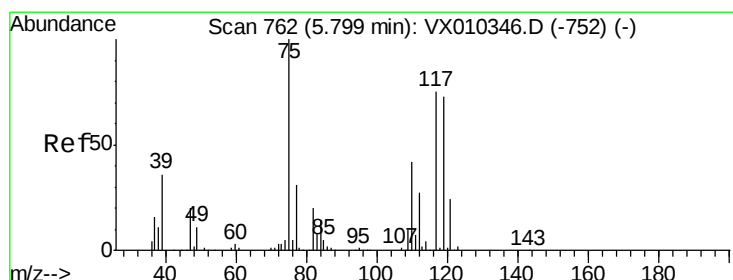
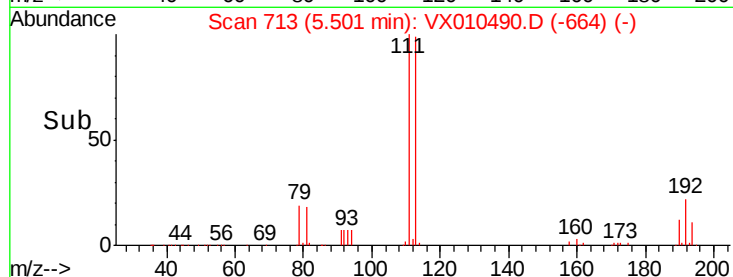
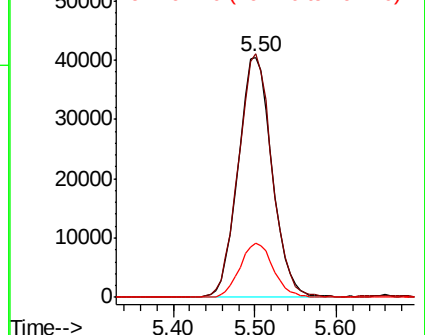
192 22.4 18.6 27.8



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: 5.085 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

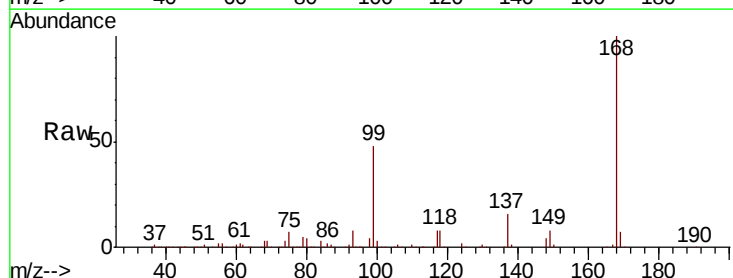
Tgt Ion: 75 Resp: 15527

Ion Ratio Lower Upper

75 100

110 12.0 20.8 62.2#

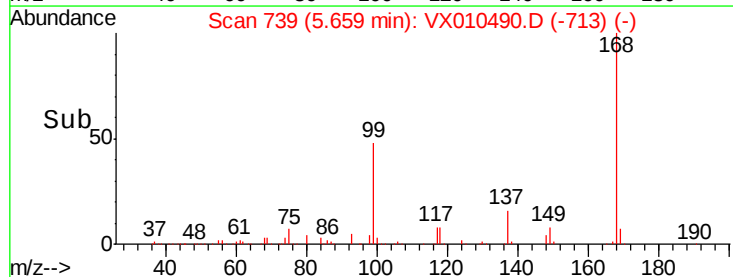
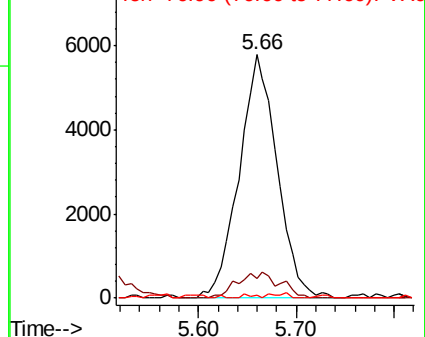
77 0.5 25.4 38.0#

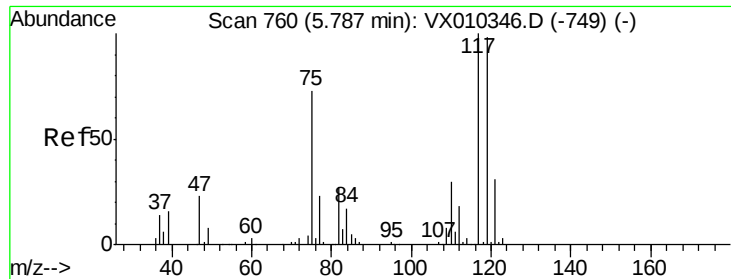


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.668 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

ClientSampled :

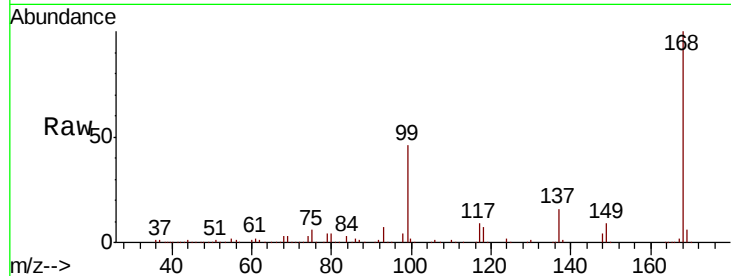
Tot Ion:117 Resp: 22048

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

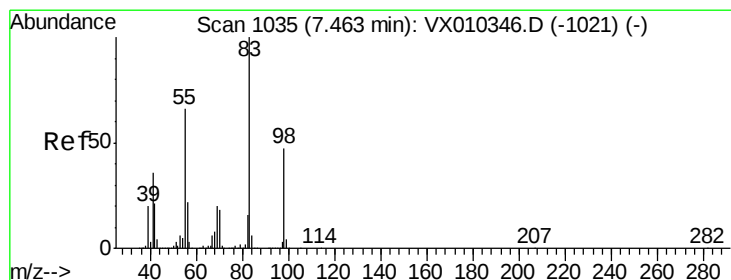
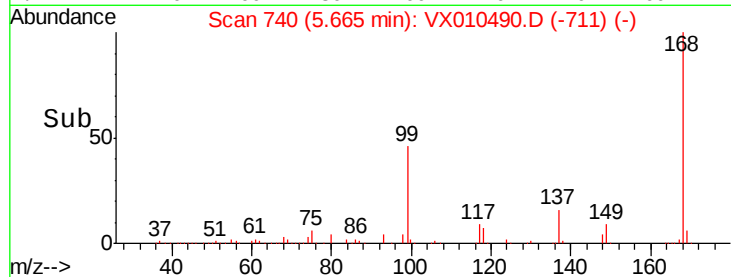
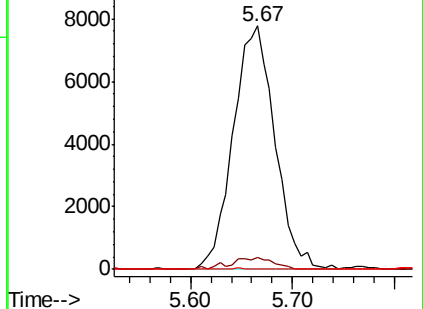
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.329 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

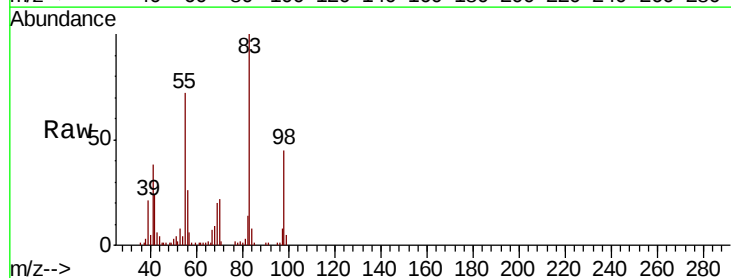
Tgt Ion: 83 Resp: 21390

Ion Ratio Lower Upper

83 100

55 72.4 53.0 79.6

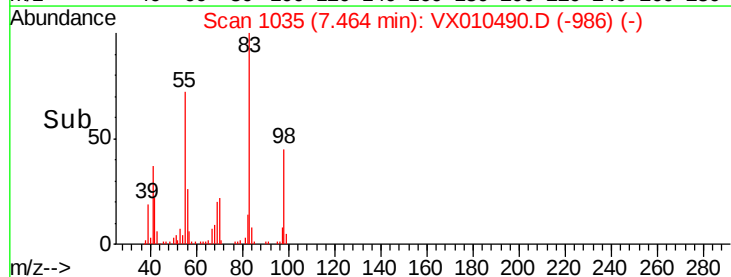
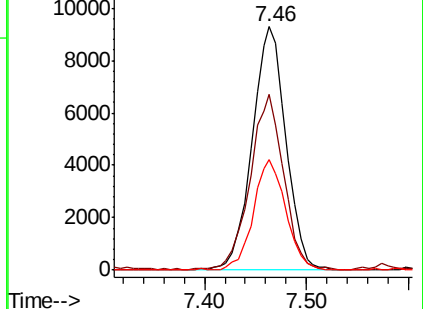
98 45.1 37.8 56.8

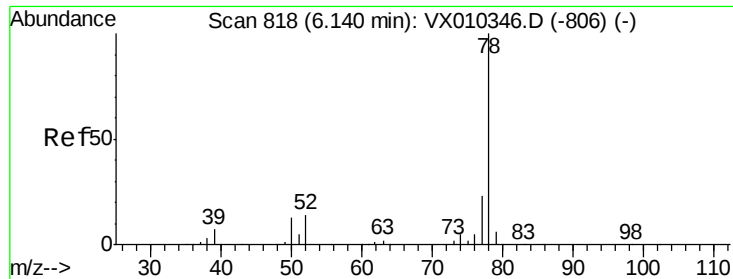


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.744 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

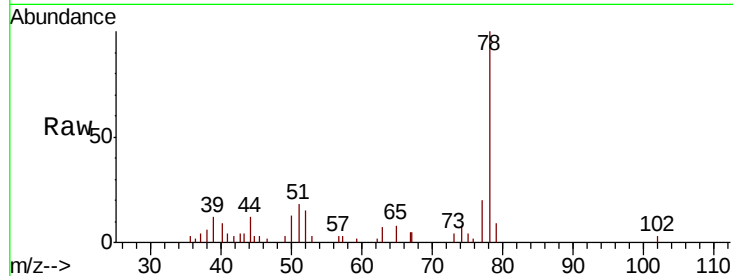
ClientSampleId :

Tot Ion: 78 Resp: 7082

Ion Ratio Lower Upper

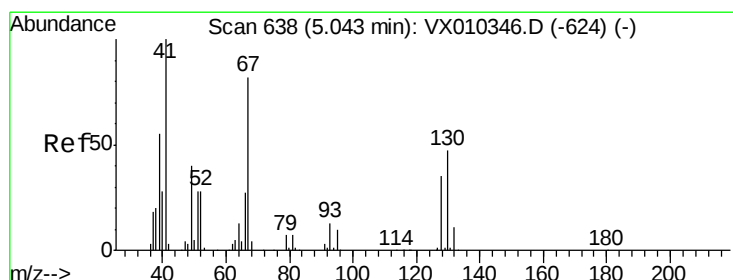
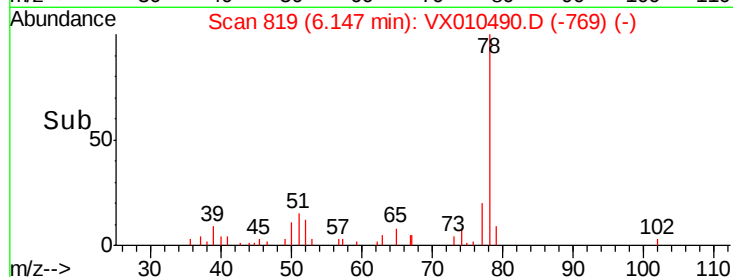
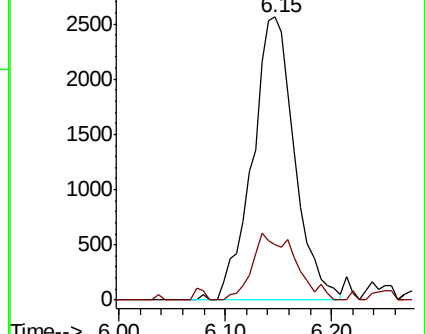
78 100

77 19.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.202 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Tgt Ion: 41 Resp: 348

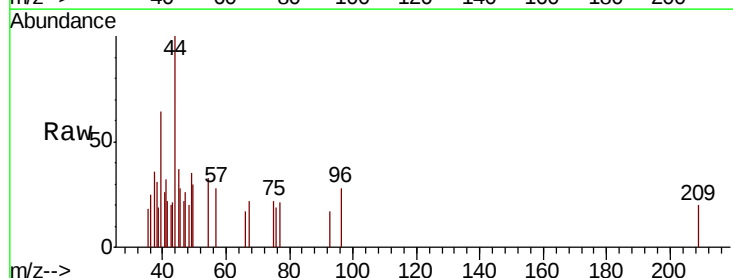
Ion Ratio Lower Upper

41 100

39 29.3 43.8 65.8#

67 21.0 66.6 100.0#

52 20.1 24.5 36.7#

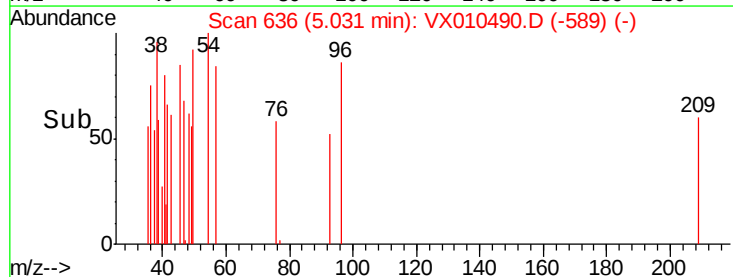
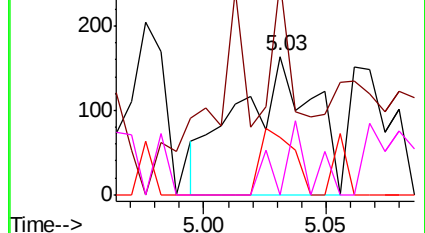


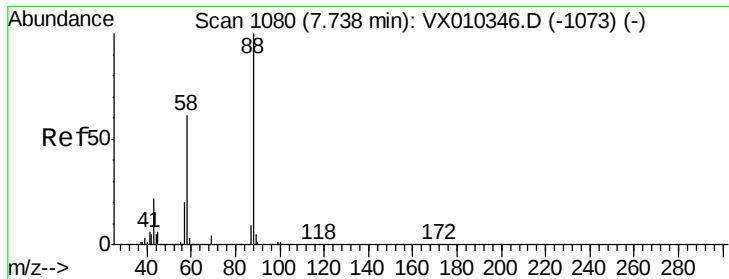
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#49

1,4-Dioxane

Concen: 0.316 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.07 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

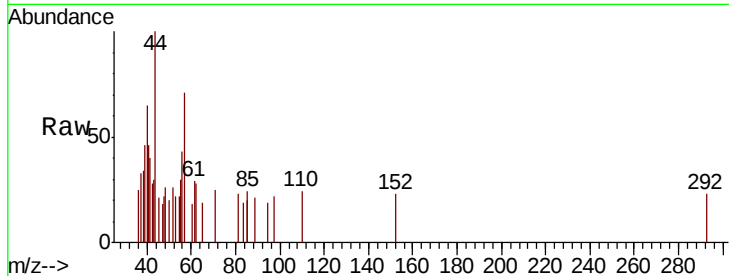
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

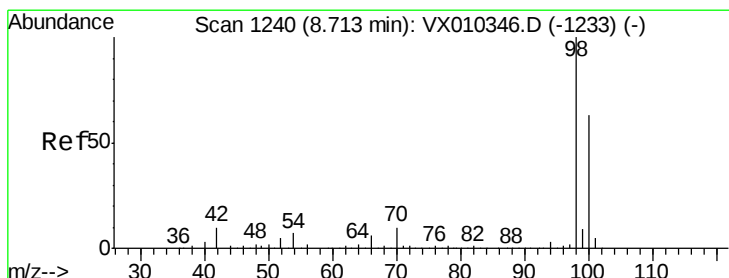
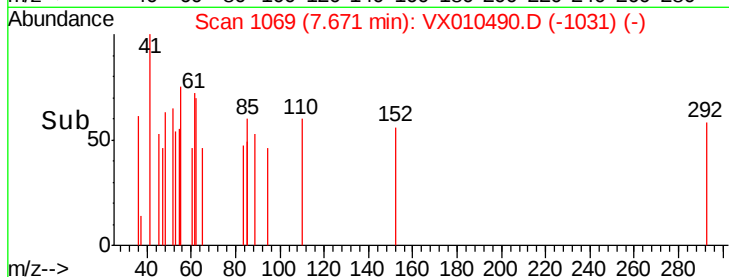
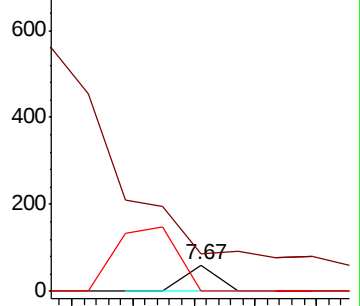
58 468.2 49.5 74.3#



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: 50.520 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010490.D

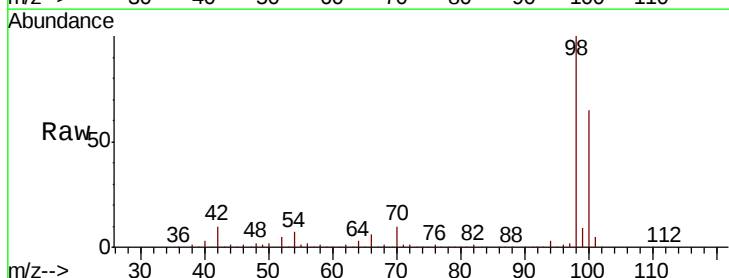
Acq: 27 Jun 2019 15:43

Tgt Ion: 98 Resp: 454437

Ion Ratio Lower Upper

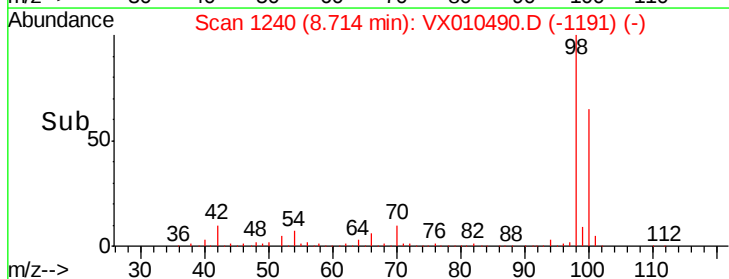
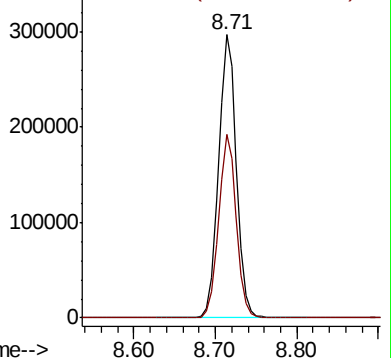
98 100

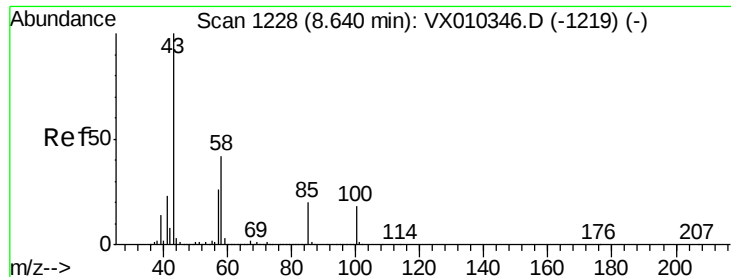
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.392 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

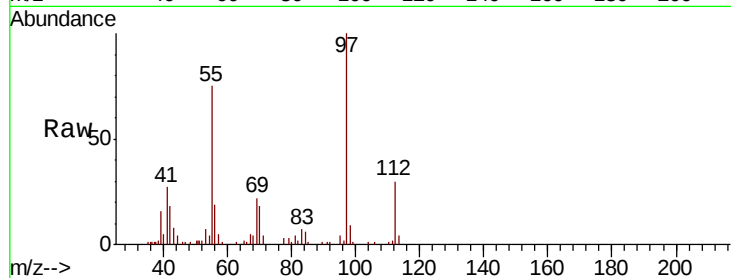
ClientSampled :

Tot Ion: 43 Resp: 1304

Ion Ratio Lower Upper

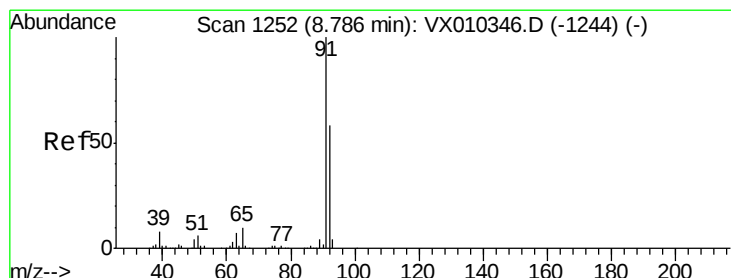
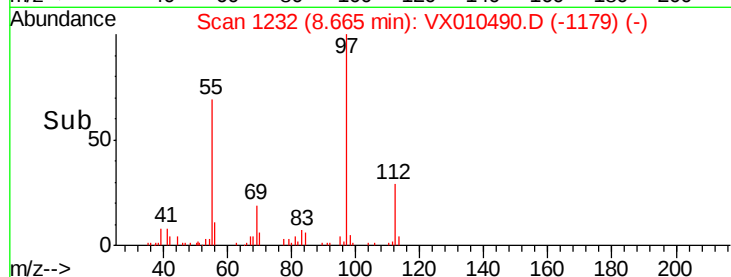
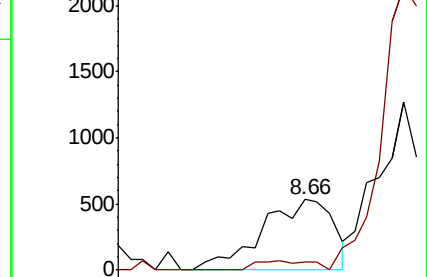
43 100

58 10.6 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.612 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010490.D

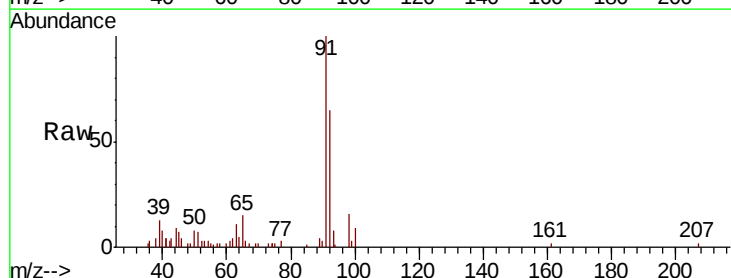
Acq: 27 Jun 2019 15:43

Tgt Ion: 92 Resp: 3834

Ion Ratio Lower Upper

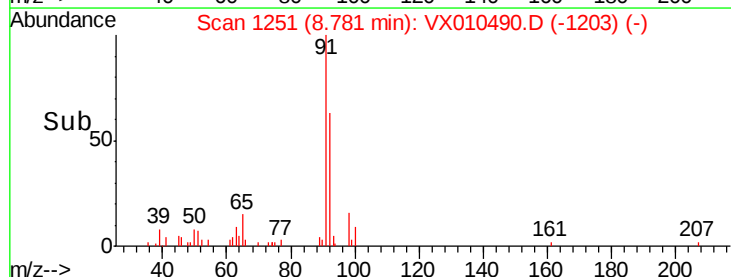
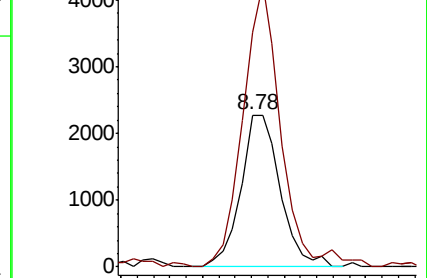
92 100

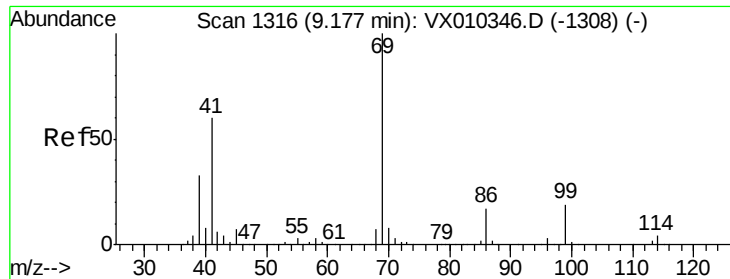
91 172.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#56

Ethyl methacrylate

Concen: 0.310 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :
MSVOA_X
ClientSampleId :

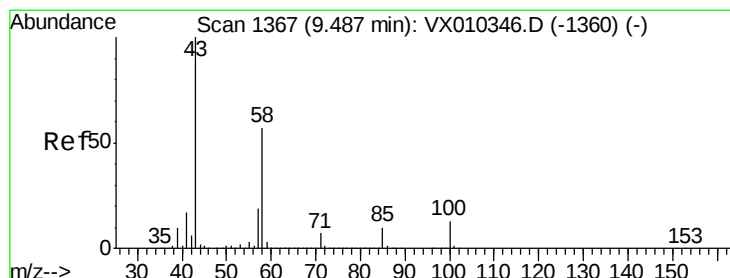
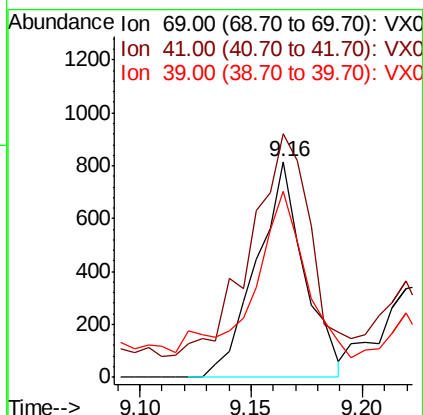
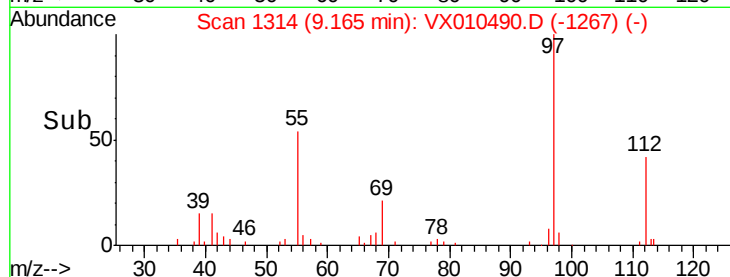
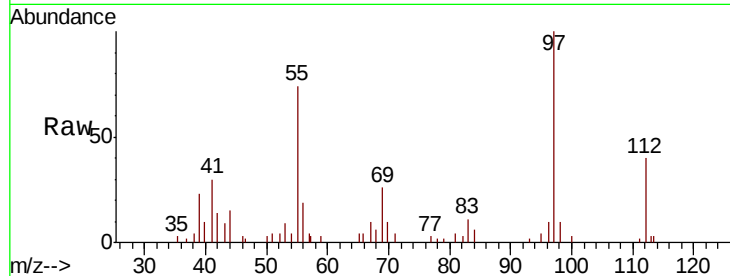
Tot Ion: 69 Resp: 1214

Ion Ratio Lower Upper

69 100

41 128.1 47.1 70.7#

39 82.6 26.6 40.0#



#59

2-Hexanone

Concen: 0.245 ug/l

RT: 9.62 min Scan# 1389

Delta R.T. 0.13 min

Lab File: VX010490.D

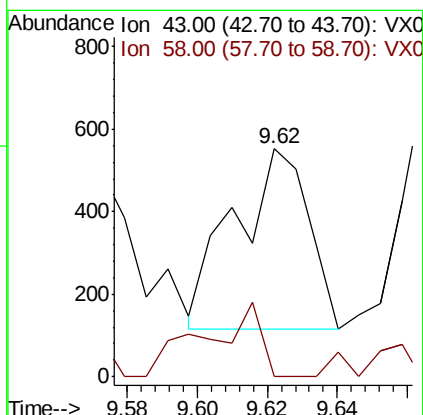
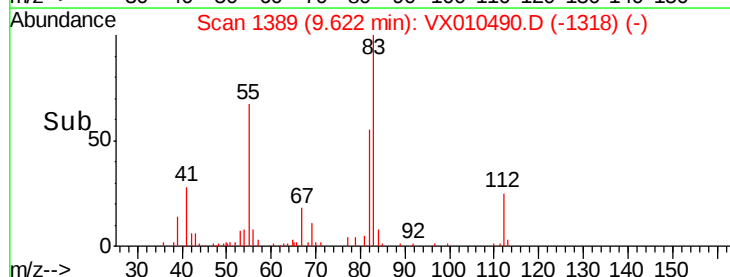
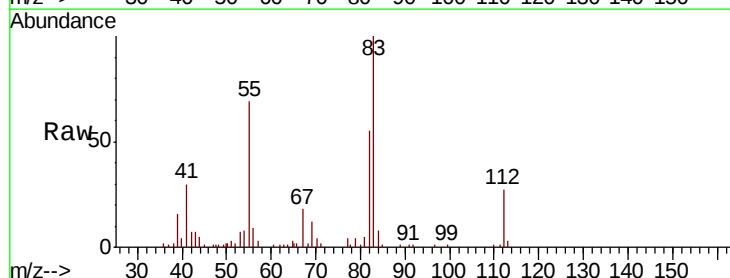
Acq: 27 Jun 2019 15:43

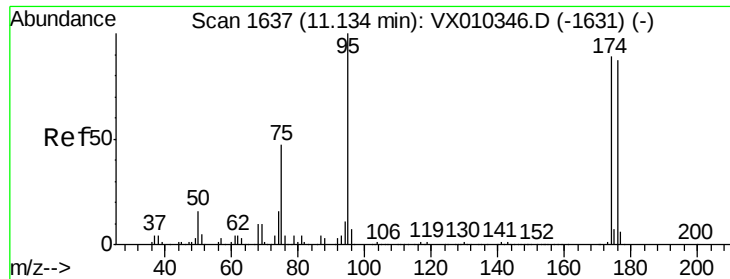
Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

58 31.1 29.0 87.1





#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

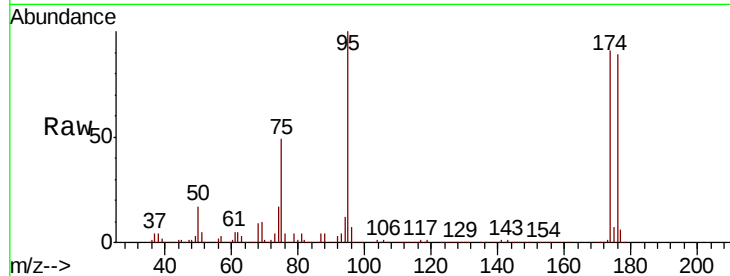
Tot Ion: 95 Resp: 153440

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

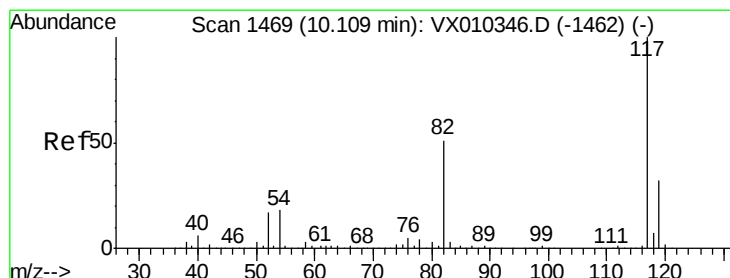
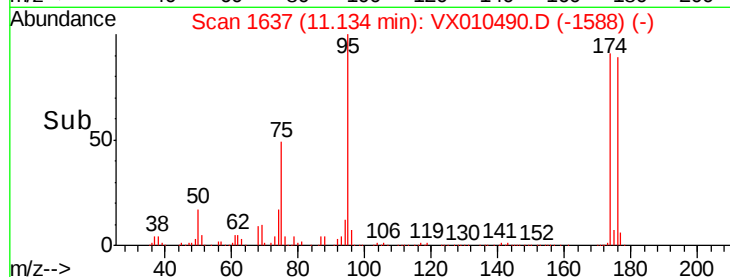
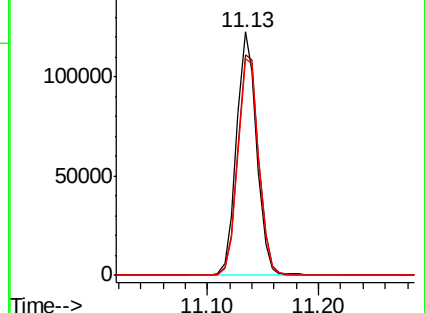
176 92.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

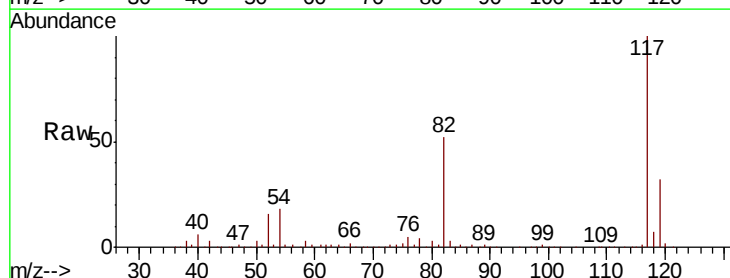
Tgt Ion: 117 Resp: 345831

Ion Ratio Lower Upper

117 100

82 51.9 41.2 61.8

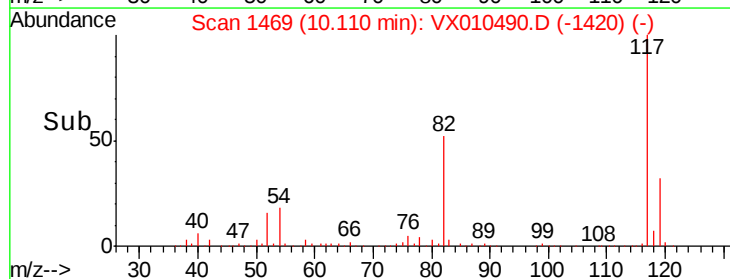
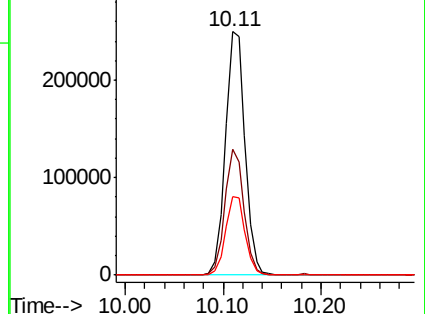
119 32.0 25.5 38.3

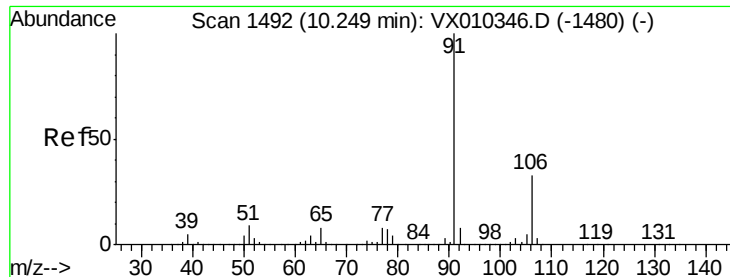


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#67

Ethyl Benzene

Concen: 3.140 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

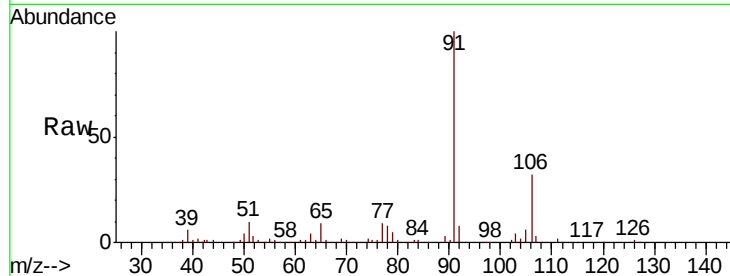
ClientSampled :

Tot Ion: 91 Resp: 37222

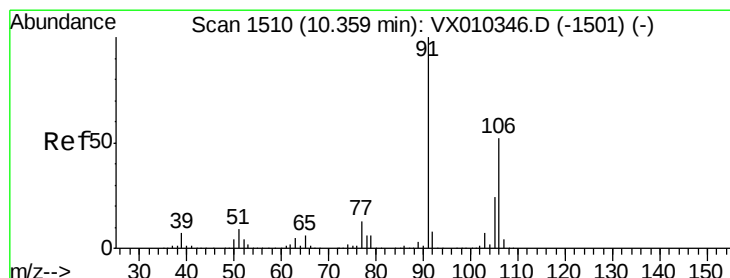
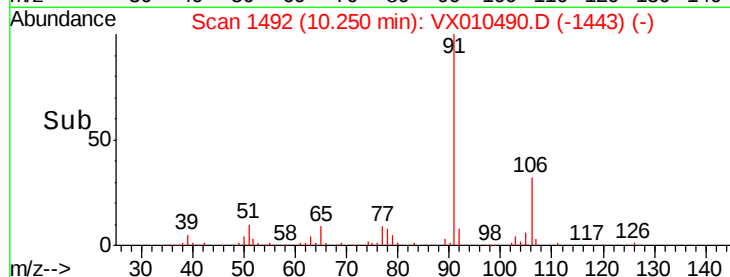
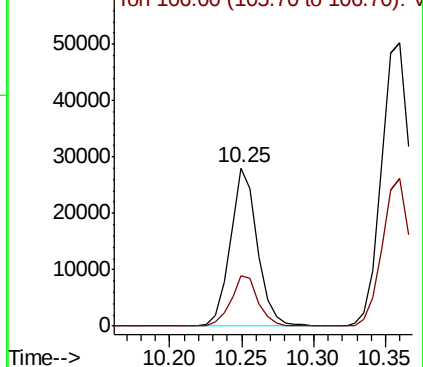
Ion Ratio Lower Upper

91 100

106 32.1 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)



#68

m/p-Xylenes

Concen: 7.811 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010490.D

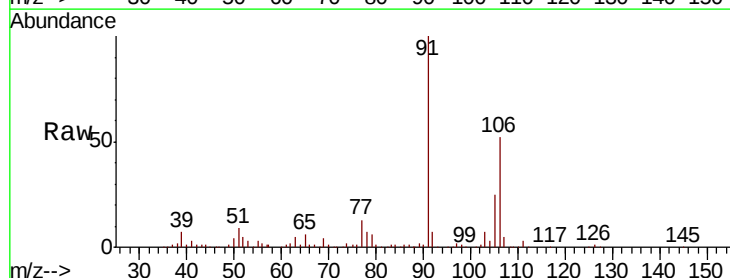
Acq: 27 Jun 2019 15:43

Tgt Ion: 106 Resp: 35876

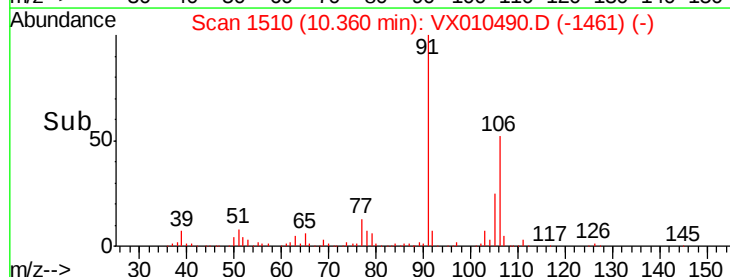
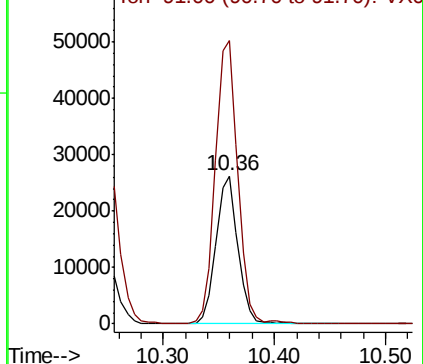
Ion Ratio Lower Upper

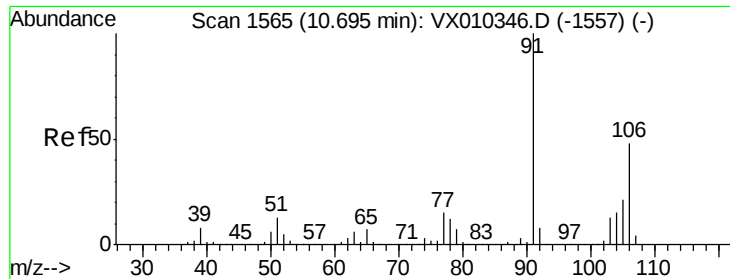
106 100

91 194.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

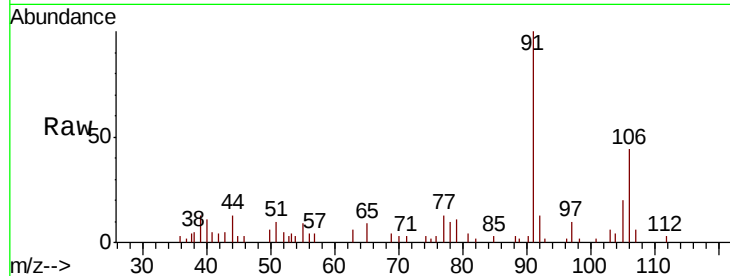




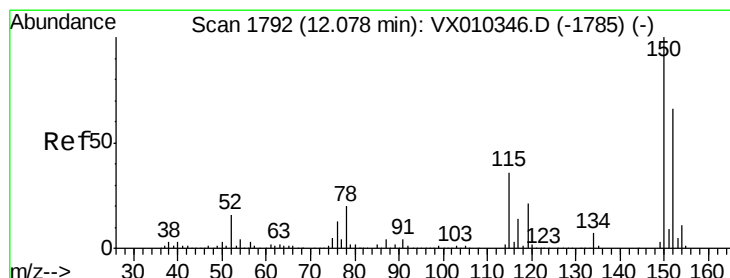
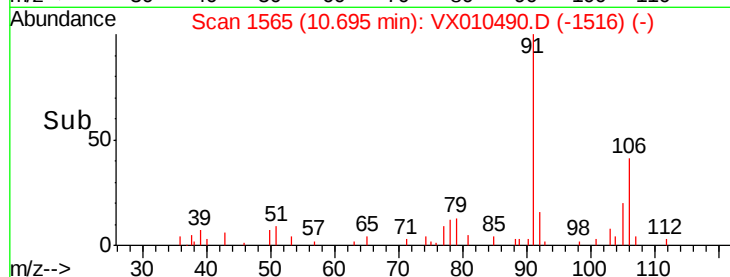
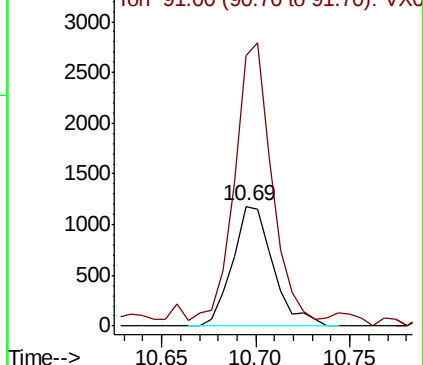
#69
o-Xylene
Concen: 0.389 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 1759
Ion Ratio Lower Upper
106 100
91 221.9 102.7 308.1

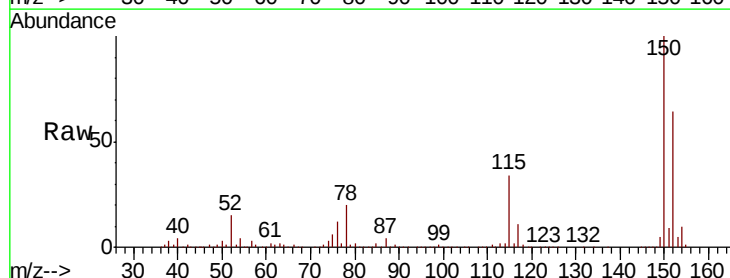


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

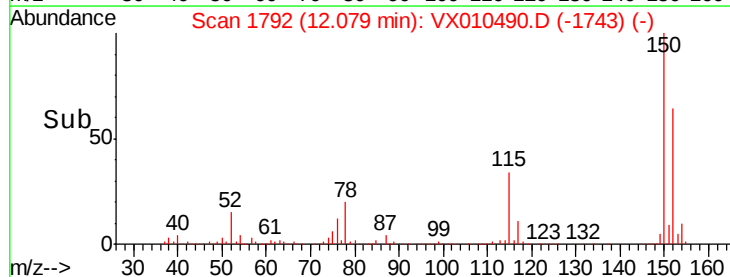
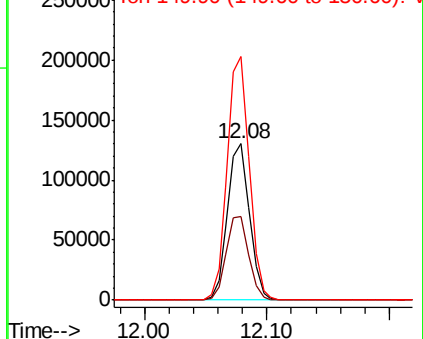


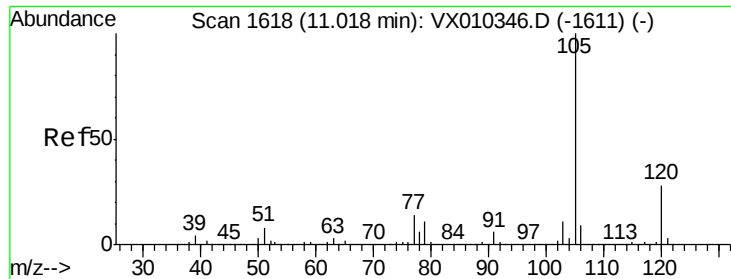
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Tgt Ion:152 Resp: 161655
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 155.7 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: 0.578 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

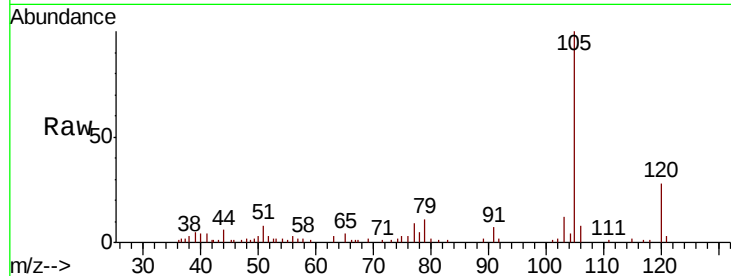
ClientSampleId :

Tot Ion:105 Resp: 6334

Ion Ratio Lower Upper

105 100

120 29.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

6000

5000

4000

3000

2000

1000

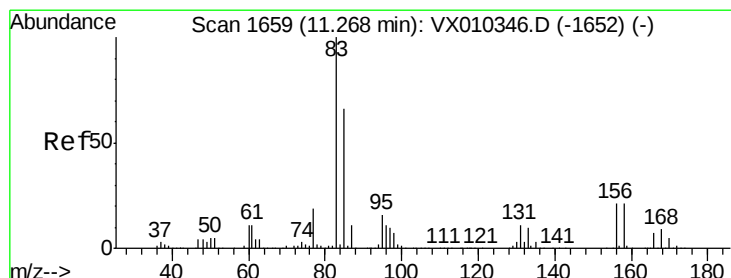
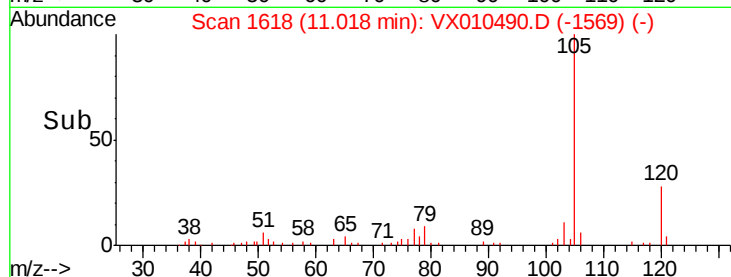
0

Time-->

10.95

11.00

11.05



#75

1,1,2,2-Tetrachloroethane

Concen: 0.228 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

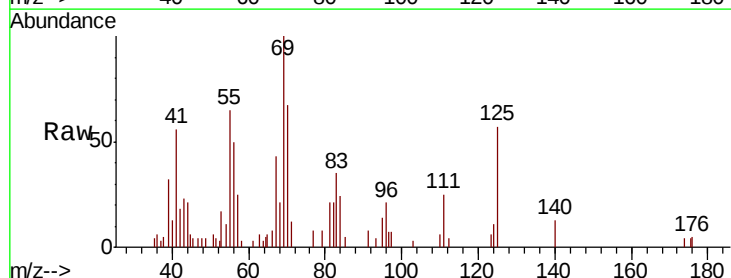
Tgt Ion: 83 Resp: 829

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 15.8 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

11.27

600

400

200

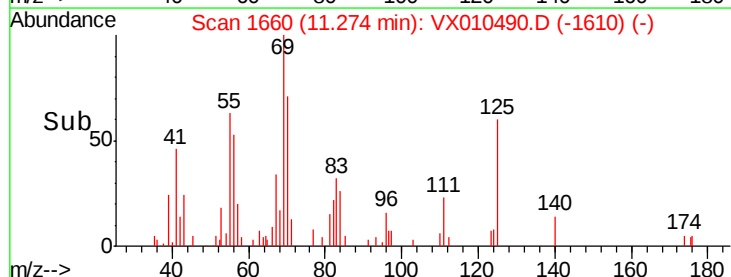
0

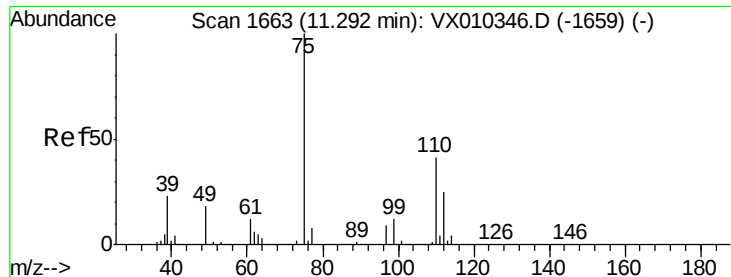
Time-->

11.20

11.25

11.30



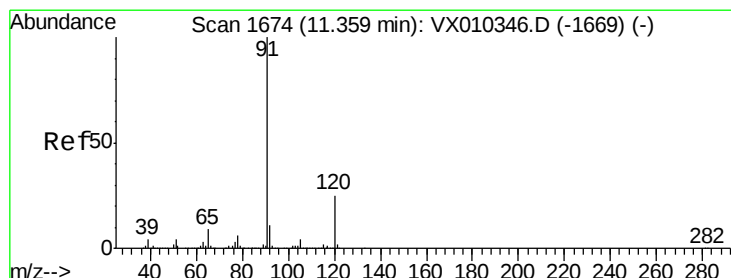
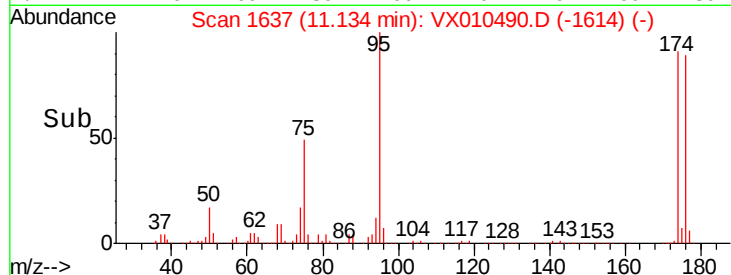
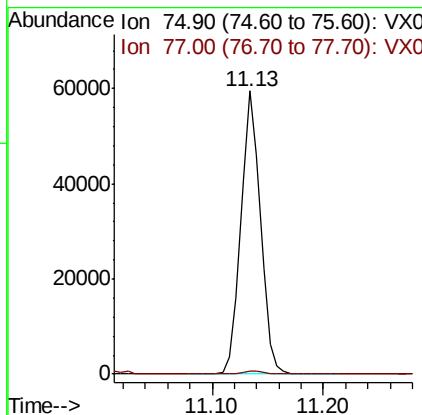
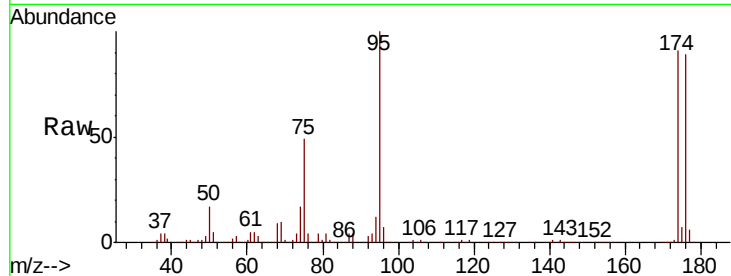


#76

1,2,3-Trichloropropane
Concen: 24.644 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Instrument :
MSVOA_X
ClientSampleId :

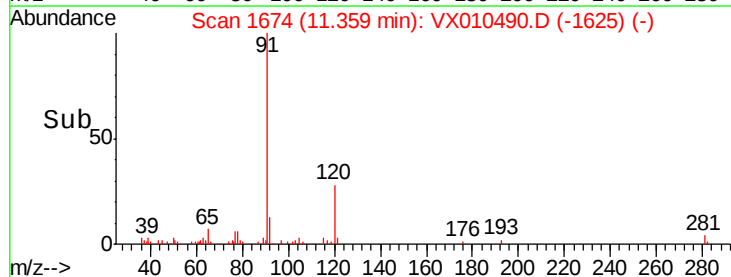
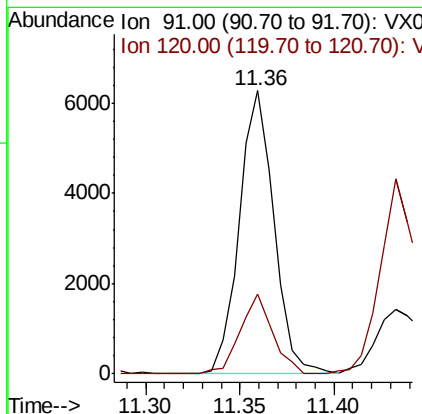
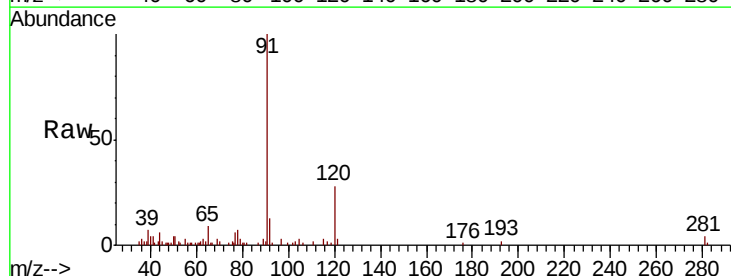
Tot Ion: 75 Resp: 72596
Ion Ratio Lower Upper
75 100
77 1.3 22.6 67.8#

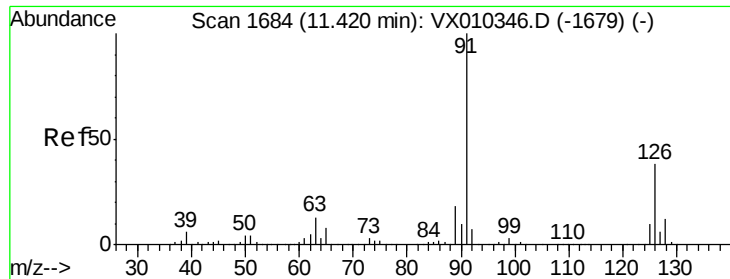


#78

n-propylbenzene
Concen: 0.662 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Tgt Ion: 91 Resp: 7977
Ion Ratio Lower Upper
91 100
120 26.2 12.4 37.4





#79

2-Chlorotoluene

Concen: 0.410 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

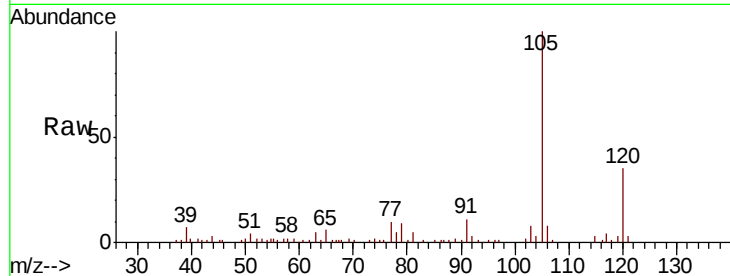
ClientSampleId :

Tot Ion: 91 Resp: 2941

Ion Ratio Lower Upper

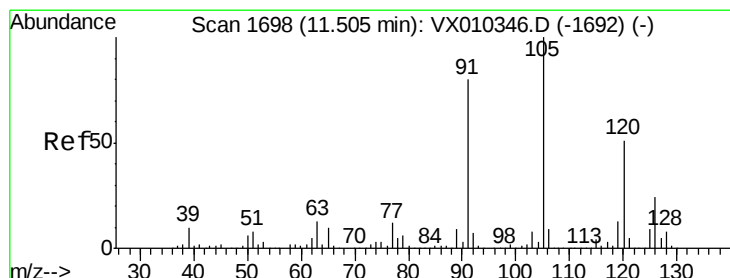
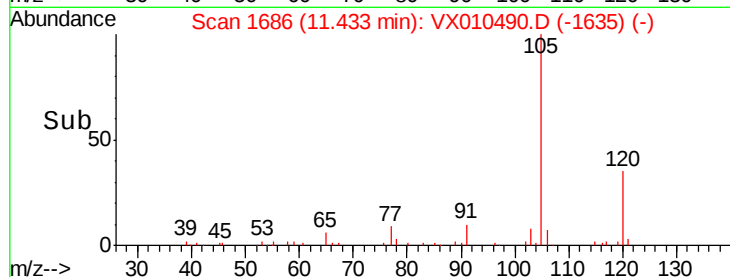
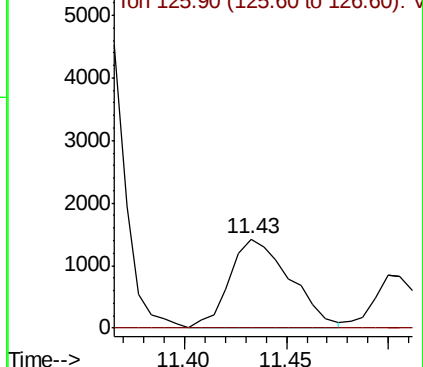
91 100

126 0.0 18.7 56.1#



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

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.070 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010490.D

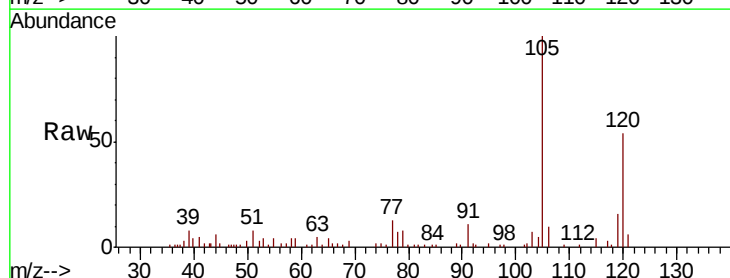
Acq: 27 Jun 2019 15:43

Tgt Ion: 105 Resp: 9670

Ion Ratio Lower Upper

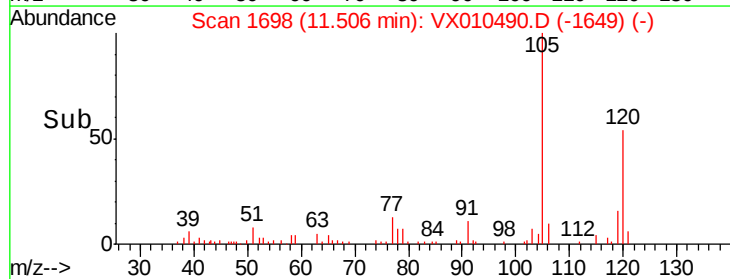
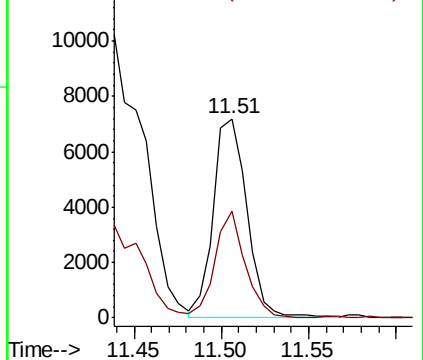
105 100

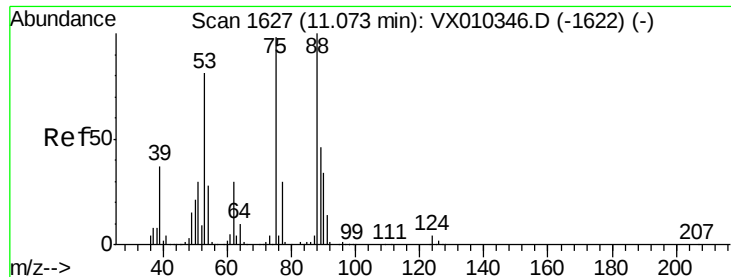
120 47.7 25.2 75.6



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

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.492 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010490.D

Acq: 27 Jun 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

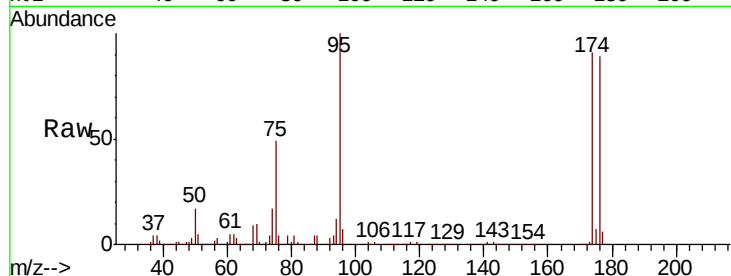
Tot Ion: 75 Resp: 72596

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

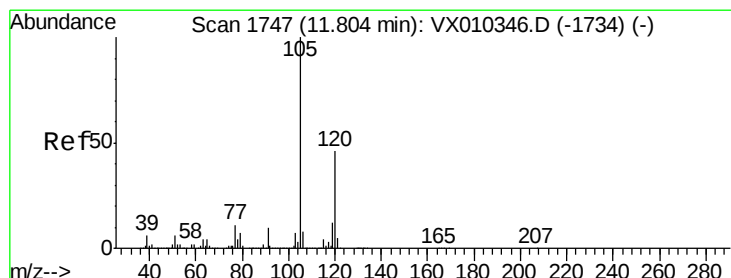
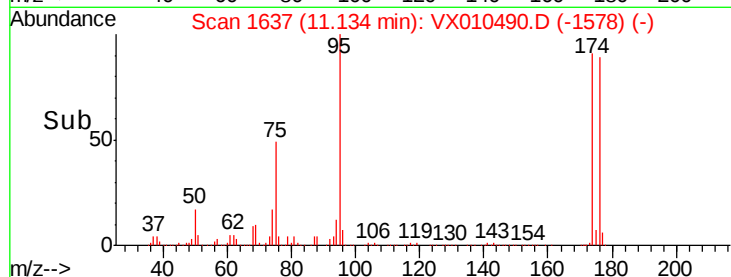
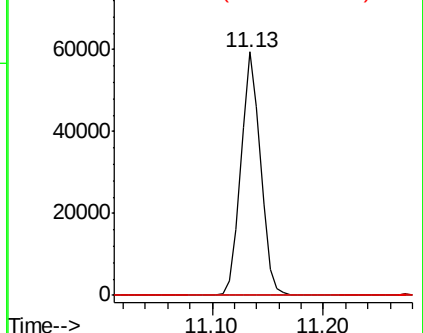
89 0.0 37.8 56.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 2.619 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010490.D

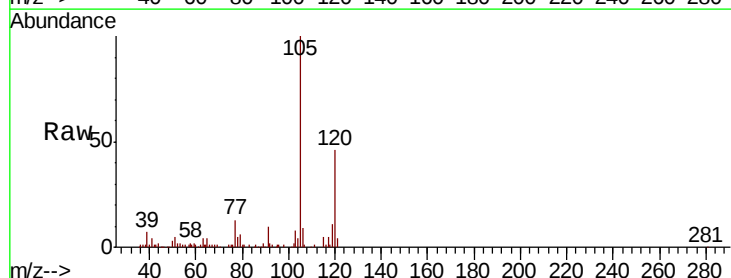
Acq: 27 Jun 2019 15:43

Tgt Ion:105 Resp: 23766

Ion Ratio Lower Upper

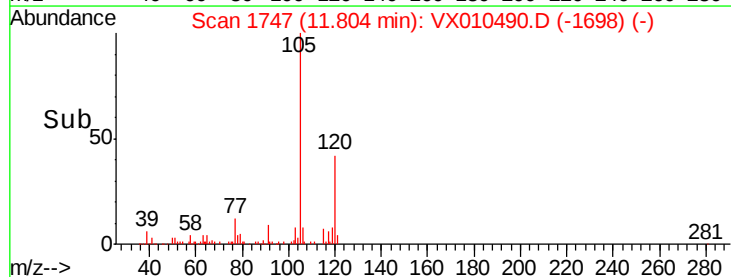
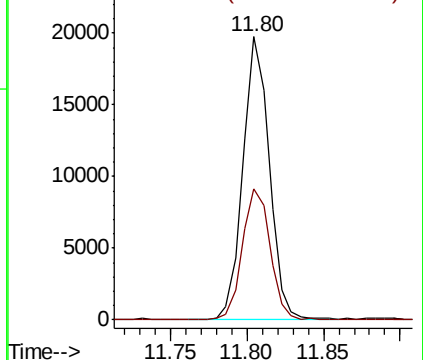
105 100

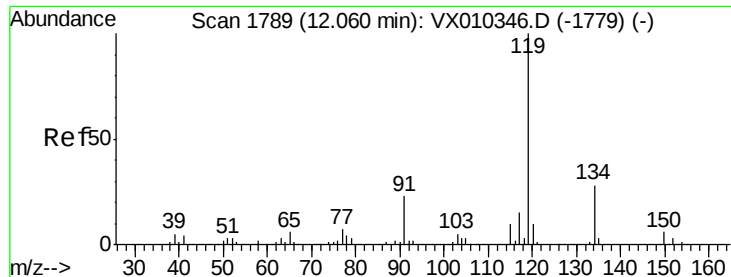
120 48.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

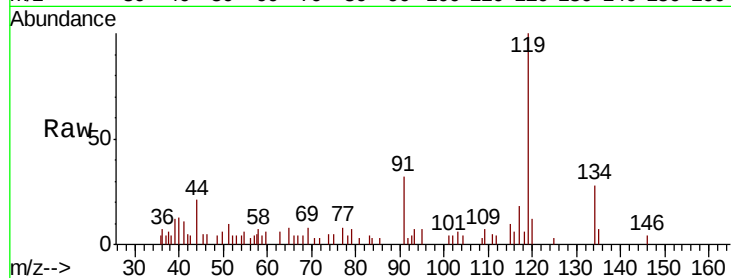




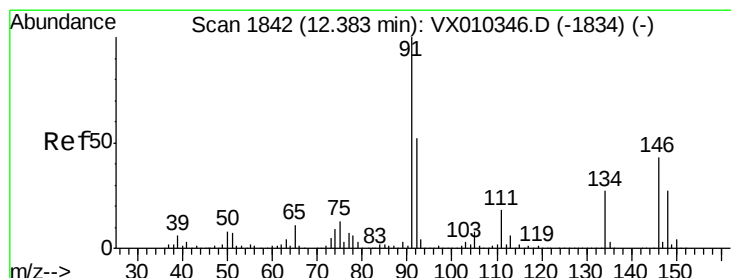
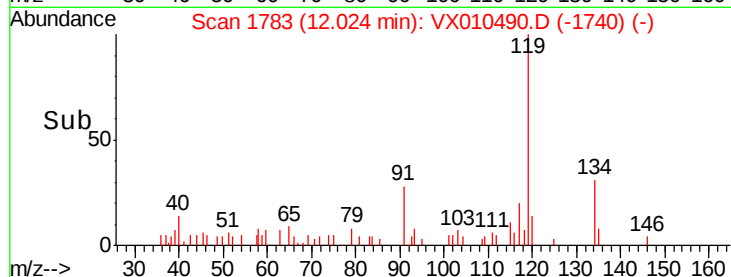
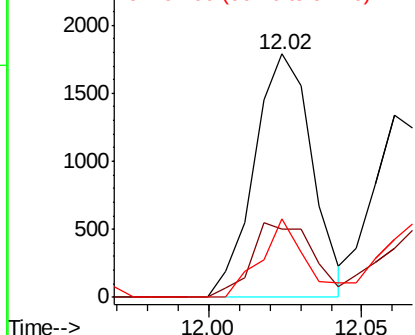
#86
p-Isopropyltoluene
Concen: 0.239 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 2351
Ion Ratio Lower Upper
119 100
134 32.5 13.7 41.1
91 26.5 11.3 33.8

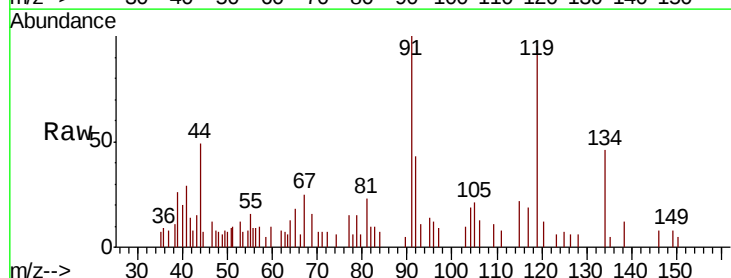


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

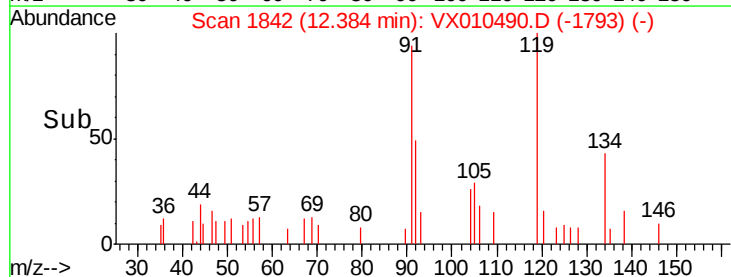
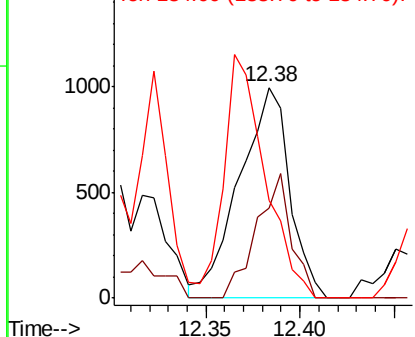


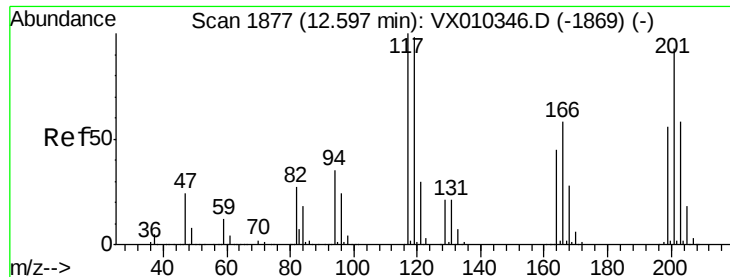
#89
n-Butylbenzene
Concen: 0.220 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Tgt Ion: 91 Resp: 1837
Ion Ratio Lower Upper
91 100
92 40.9 26.2 78.5
134 0.0 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

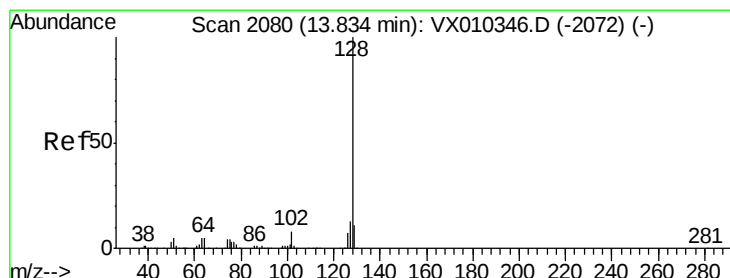
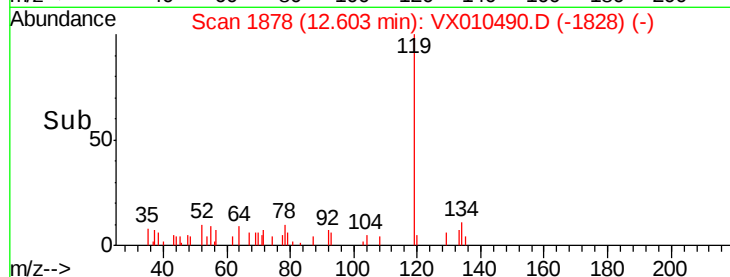
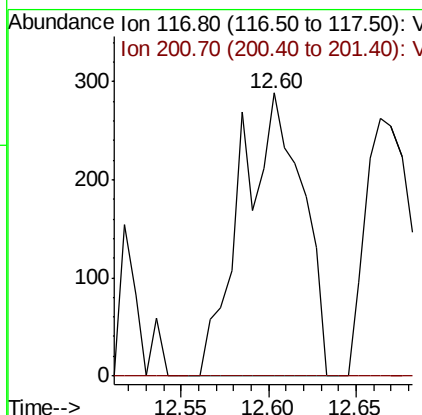
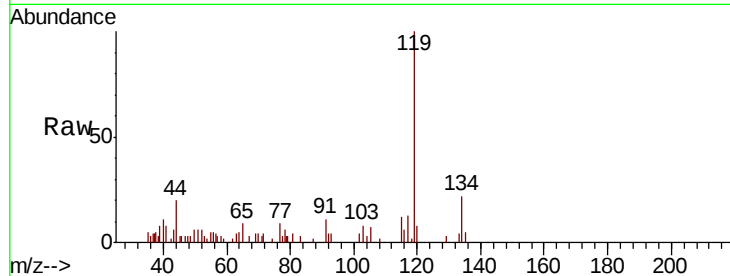




#90
Hexachloroethane
Concen: 0.415 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 707
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#95
Naphthalene
Concen: 0.898 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010490.D
Acq: 27 Jun 2019 15:43

Tgt Ion:128 Resp: 10157
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 14.6 8.9 13.3#

