

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010496.D
 Acq On : 27 Jun 2019 18:03
 Operator : JC/SP
 Sample : K3565-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:49:56 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	266753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185989	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	123521	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.78%		
35) Dibromofluoromethane	5.50	113	120404	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.30%		
50) Toluene-d8	8.71	98	485987	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.70%		
62) 4-Bromofluorobenzene	11.13	95	167349	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	575	0.266	ug/l #	80
5) Bromomethane	1.65	94	362	0.314	ug/l #	76
6) Chloroethane	1.74	64	328	0.235	ug/l #	43
11) Tert butyl alcohol	3.03	59	2225	3.400	ug/l #	74
13) Acrolein	2.29	56	142	0.327	ug/l #	6
14) Allyl chloride	2.84	41	5528	1.684	ug/l #	71
15) Acrylonitrile	3.17	53	934	0.721	ug/l #	40
16) Acetone	2.45	43	3361	2.681	ug/l	94
18) Methyl Acetate	2.84	43	14007	5.607	ug/l #	49
25) 2-Butanone	4.68	43	708	0.385	ug/l #	75
29) Tetrahydrofuran	5.13	42	316	0.277	ug/l #	28
31) Cyclohexane	5.58	56	66152	18.311	ug/l	96
36) 1,1-Dichloropropene	5.66	75	16093	5.058	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23000	6.676	ug/l #	14
39) Methylcyclohexane	7.46	83	109699	26.229	ug/l	96
40) Benzene	6.14	78	3850	0.388	ug/l #	67
43) Isopropyl Acetate	6.47	43	1487	0.275	ug/l #	61
47) Bromodichloromethane	7.85	83	776	0.236	ug/l #	1
48) Methyl methacrylate	7.74	41	4721	1.875	ug/l #	51
49) 1,4-Dioxane	7.76	88	23	0.317	ug/l #	1
51) 4-Methyl-2-Pentanone	8.68	43	5272	1.522	ug/l #	56
52) Toluene	8.78	92	1594	0.244	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	17317	6.432	ug/l #	20
56) Ethyl methacrylate	9.16	69	3499	0.858	ug/l #	1
59) 2-Hexanone	9.45	43	5178	1.900	ug/l #	32
67) Ethyl Benzene	10.25	91	960164	75.865	ug/l	99
68) m/p-Xylenes	10.36	106	1032263	210.497	ug/l	99
69) o-Xylene	10.69	106	5905	1.224	ug/l	90
73) Isopropylbenzene	11.02	105	198923	15.778	ug/l	98
74) N-amyl acetate	10.91	43	1561	0.328	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3431	0.822	ug/l #	32
76) 1,2,3-Trichloropropane	11.43	75	14665	4.327	ug/l #	1
78) n-propylbenzene	11.36	91	279741	20.188	ug/l	99
79) 2-Chlorotoluene	11.43	91	218080	26.430	ug/l #	38

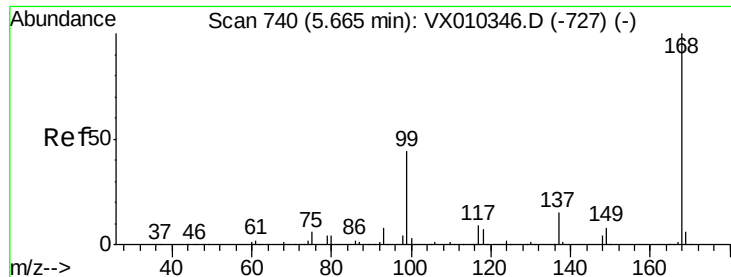
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	848614	81.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	81634	56.191	ug/l #	16
82) 4-Chlorotoluene	11.51	91	88206	9.395	ug/l #	42
83) tert-Butylbenzene	11.77	119	9970	0.956	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	1549797	148.415	ug/l	99
85) sec-Butylbenzene	11.80	105	1549797	126.530	ug/l #	55
86) p-Isopropyltoluene	12.06	119	61702	5.446	ug/l	100
89) n-Butylbenzene	12.37	91	36722	3.814	ug/l #	1
90) Hexachloroethane	12.58	117	15141	7.729	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1574	1.748	ug/l #	1
95) Naphthalene	13.83	128	581841	44.703	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

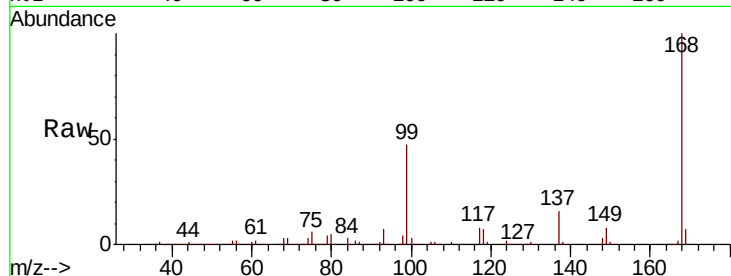
ClientSampled :

Tot Ion:168 Resp: 266753

Ion Ratio Lower Upper

168 100

99 46.8 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

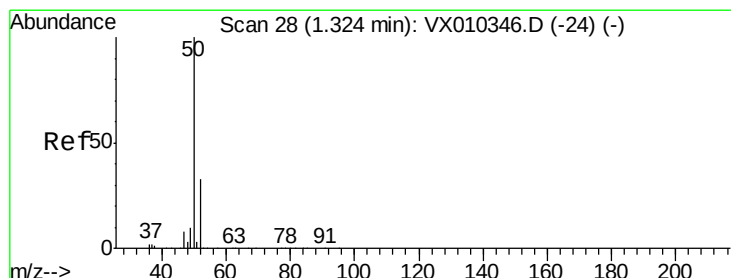
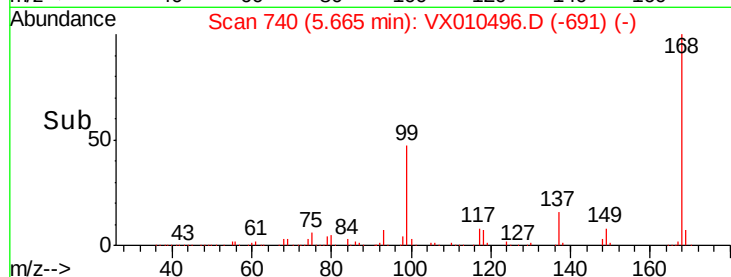
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010496.D

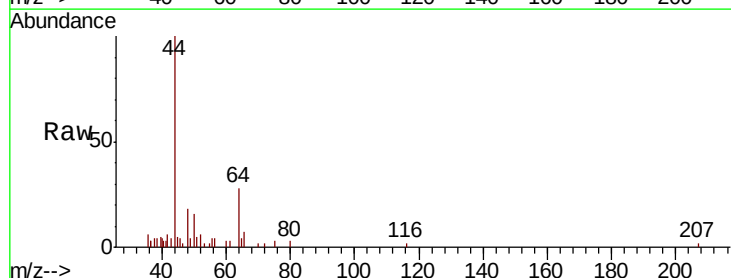
Acq: 27 Jun 2019 18:03

Tgt Ion: 50 Resp: 575

Ion Ratio Lower Upper

50 100

52 44.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

200

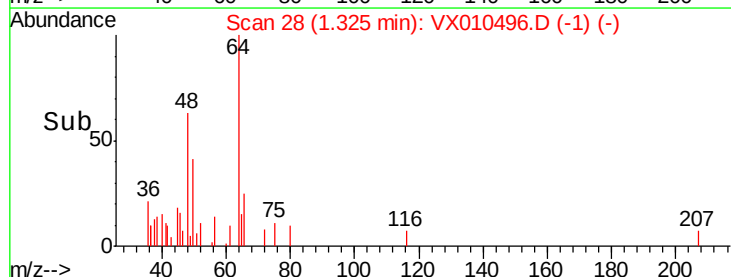
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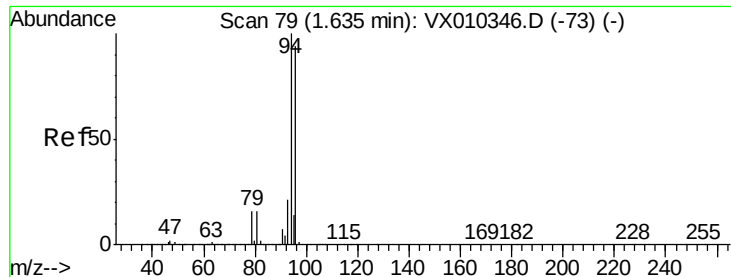
0

Time-->

1.30

1.35





#5

Bromomethane

Concen: 0.314 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

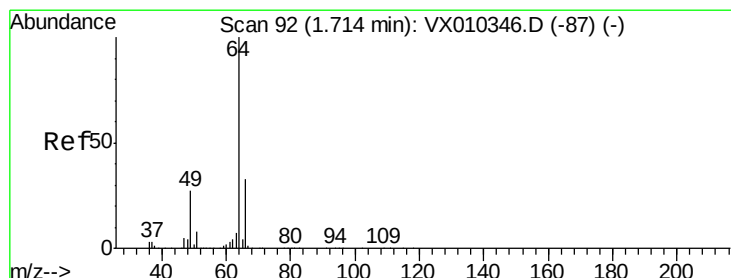
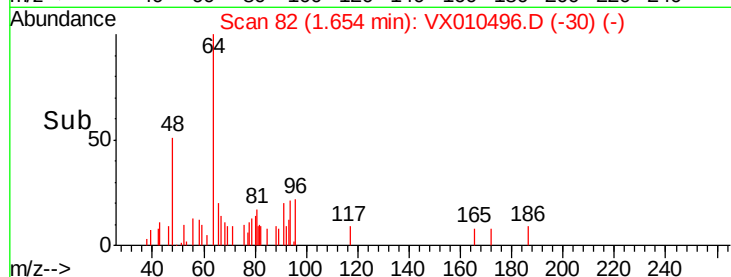
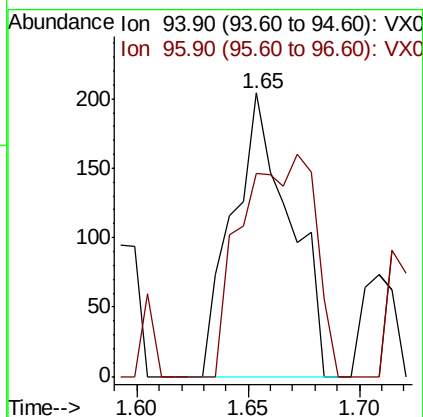
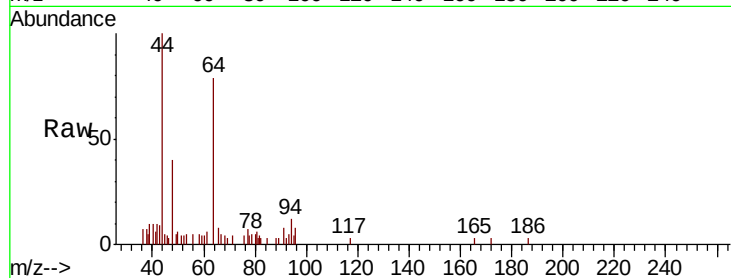
ClientSampled :

Tot Ion: 94 Resp: 362

Ion Ratio Lower Upper

94 100

96 71.6 75.5 113.3#



#6

Chloroethane

Concen: 0.235 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010496.D

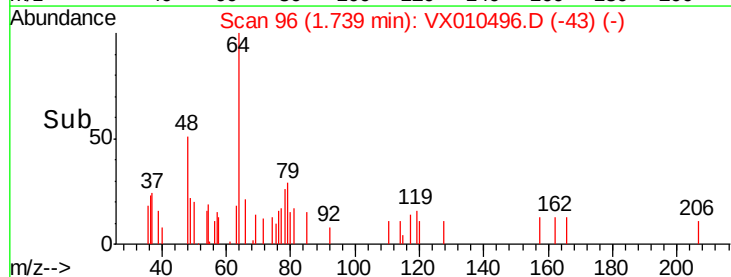
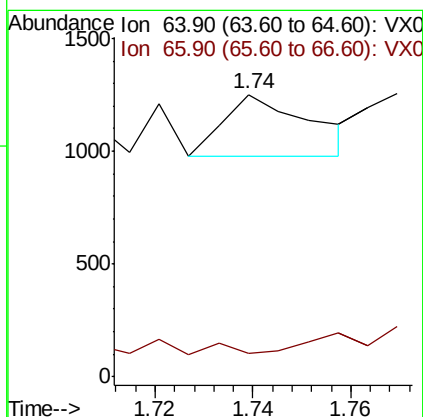
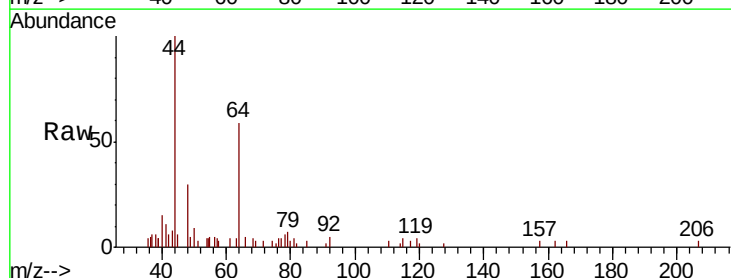
Acq: 27 Jun 2019 18:03

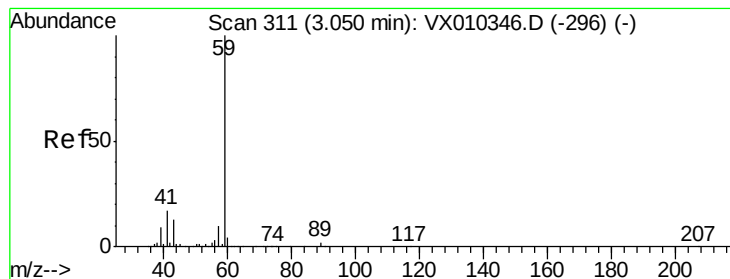
Tgt Ion: 64 Resp: 328

Ion Ratio Lower Upper

64 100

66 1.1 26.6 40.0#



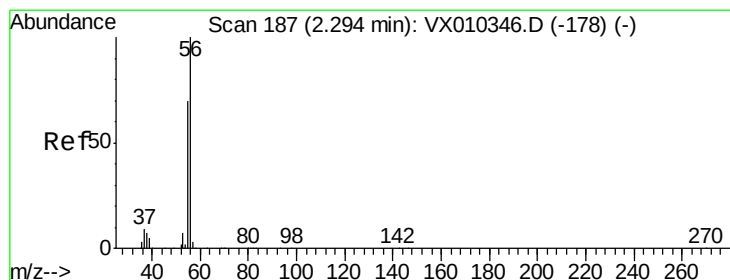
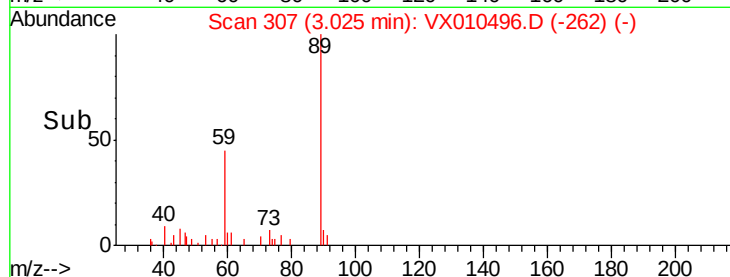
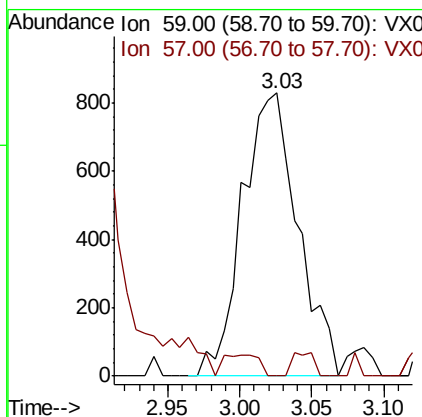
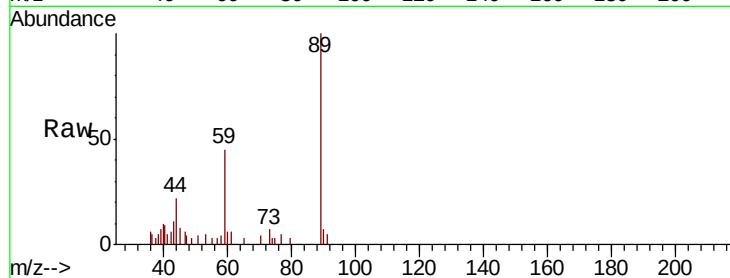


#11

Tert butyl alcohol
 Concen: 3.400 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :

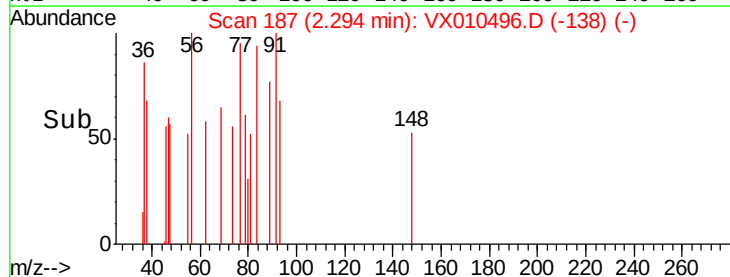
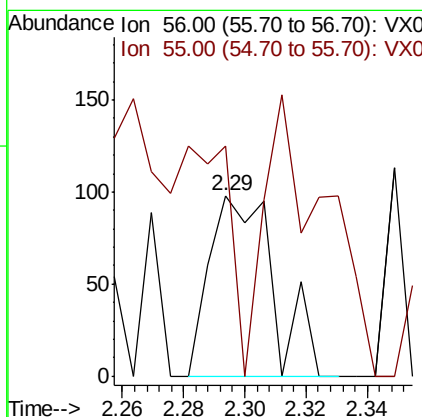
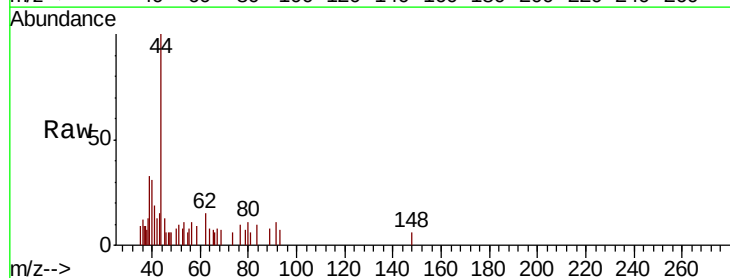
Tot Ion: 59 Resp: 2225
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

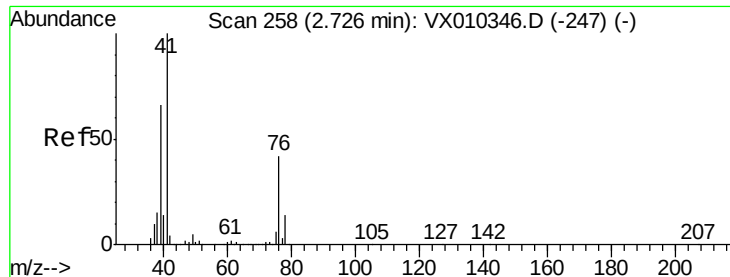


#13

Acrolein
 Concen: 0.327 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

Tgt Ion: 56 Resp: 142
 Ion Ratio Lower Upper
 56 100
 55 148.6 56.9 85.3#

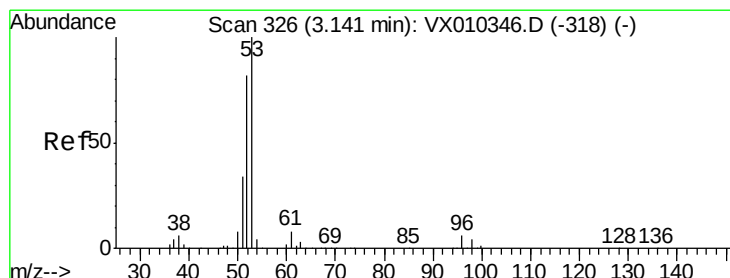
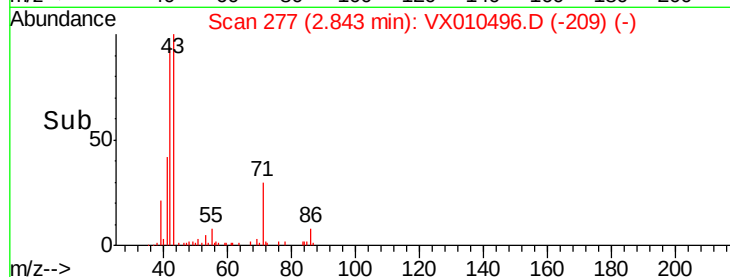
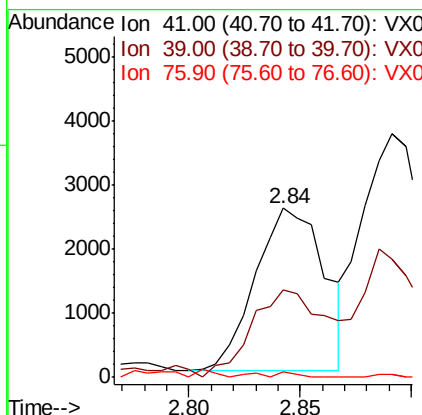
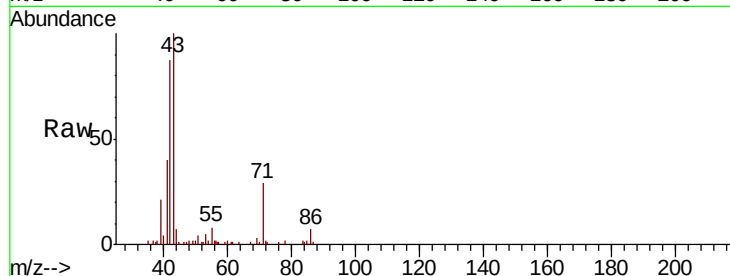




#14
Allvl chloride
Concen: 1.684 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

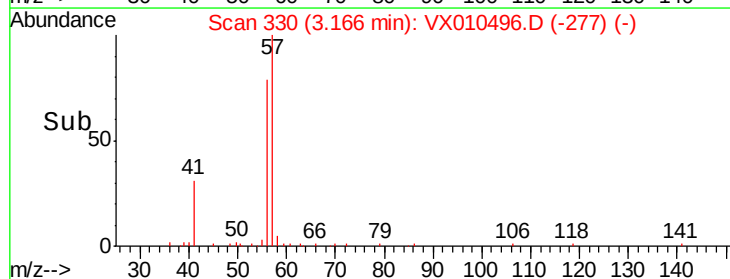
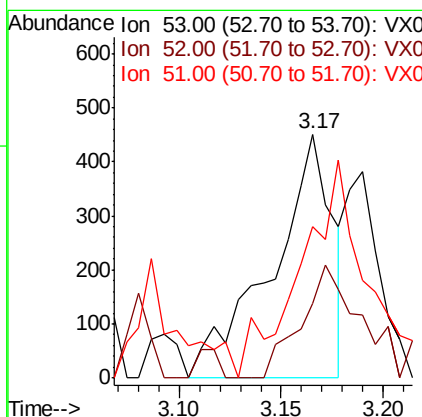
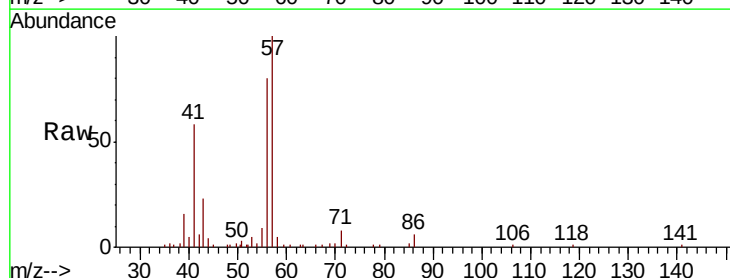
Instrument :
MSVOA_X
ClientSampled :

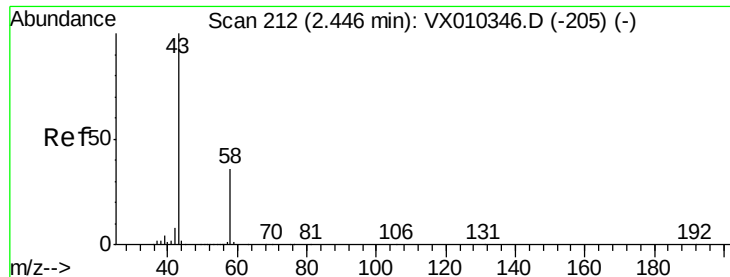
Tot Ion: 41 Resp: 5528
Ion Ratio Lower Upper
41 100
39 56.8 50.3 75.5
76 1.0 31.3 46.9#



#15
Acrylonitrile
Concen: 0.721 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.02 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 53 Resp: 934
Ion Ratio Lower Upper
53 100
52 47.0 65.5 98.3#
51 97.8 28.2 42.4#





#16

Acetone

Concen: 2.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

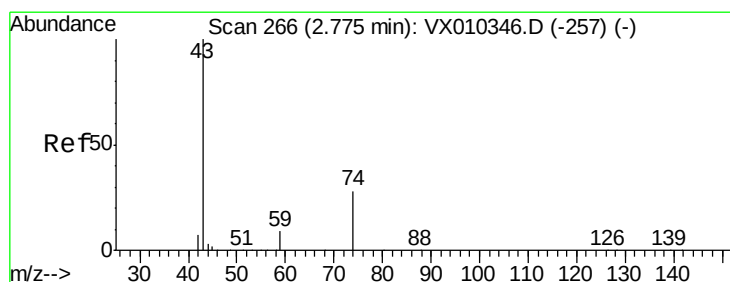
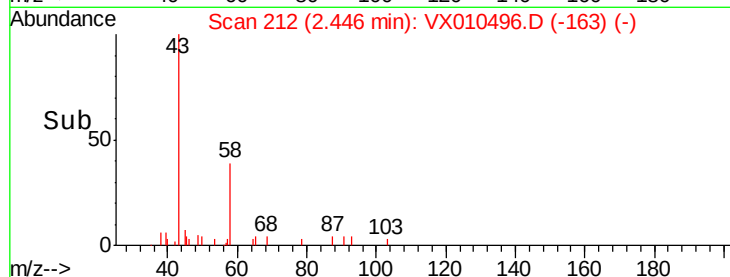
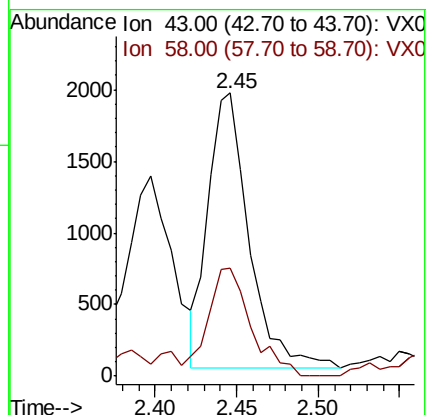
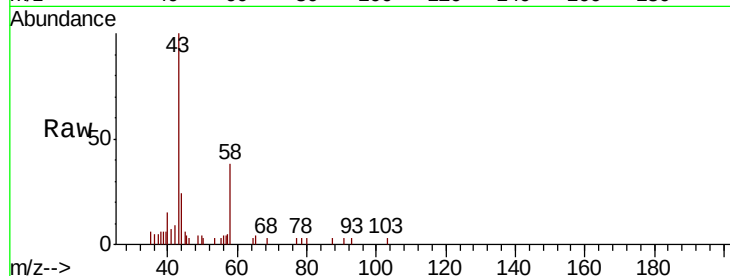
ClientSampleId :

Tot Ion: 43 Resp: 3361

Ion Ratio Lower Upper

43 100

58 39.5 28.9 43.3



#18

Methyl Acetate

Concen: 5.607 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010496.D

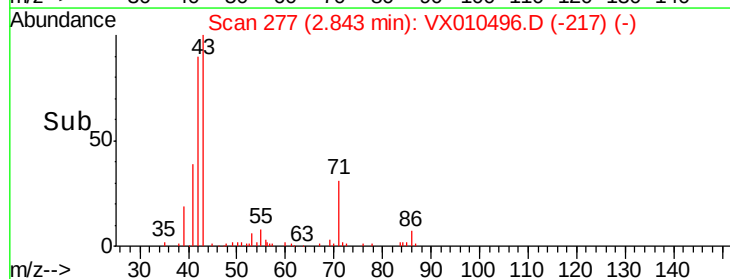
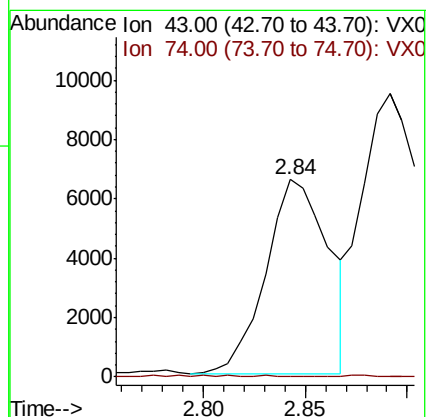
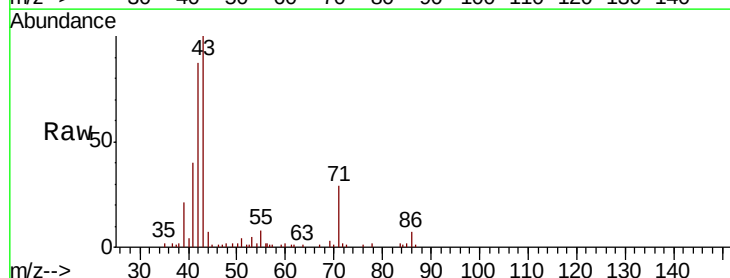
Acq: 27 Jun 2019 18:03

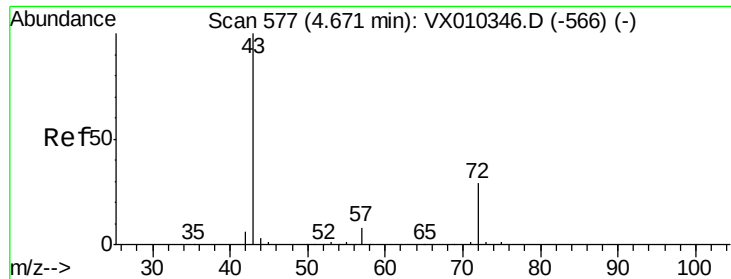
Tgt Ion: 43 Resp: 14007

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#





#25

2-Butanone

Concen: 0.385 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

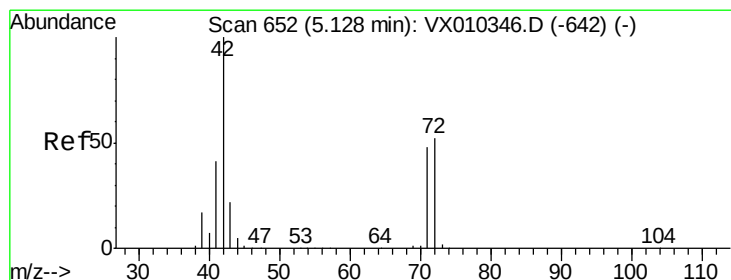
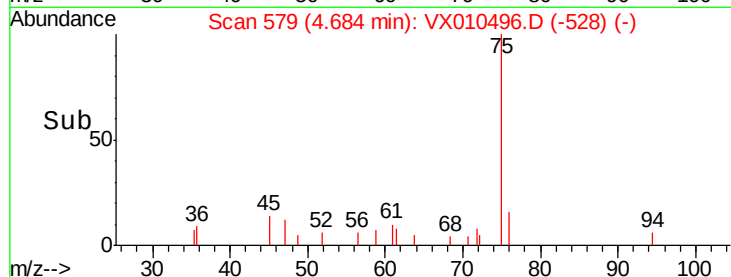
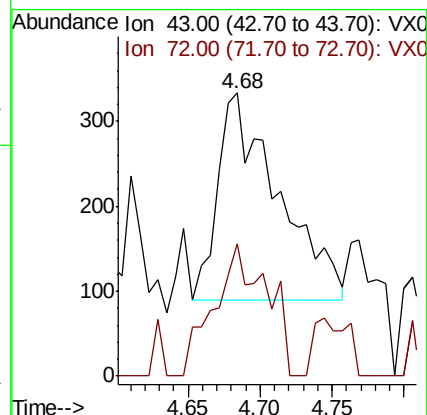
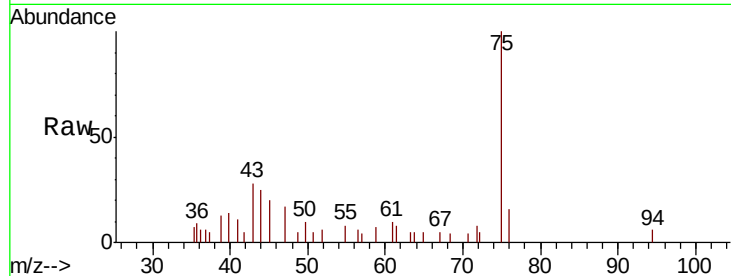
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

72 42.4 23.3 34.9#



#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

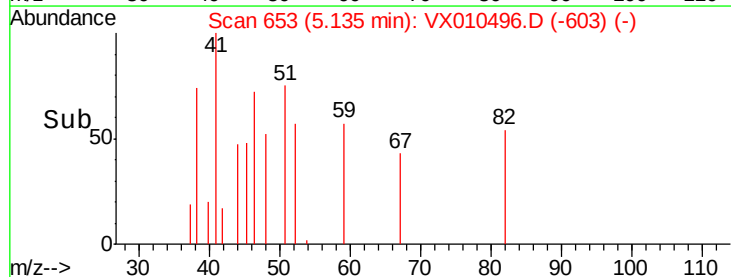
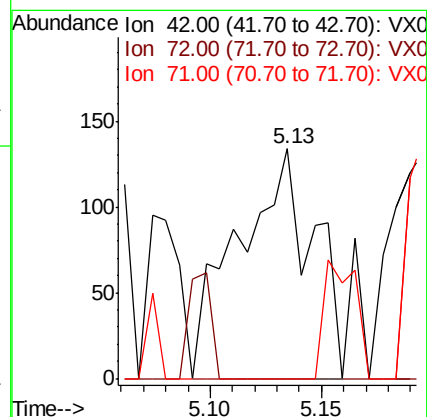
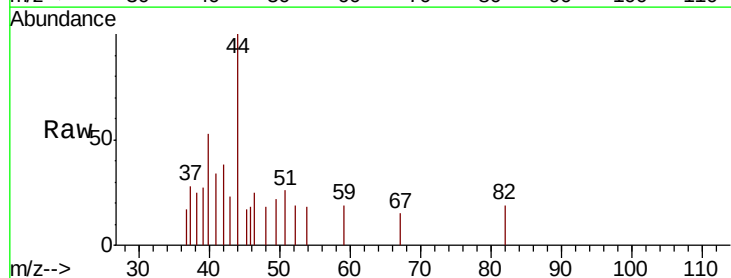
Tgt Ion: 42 Resp: 316

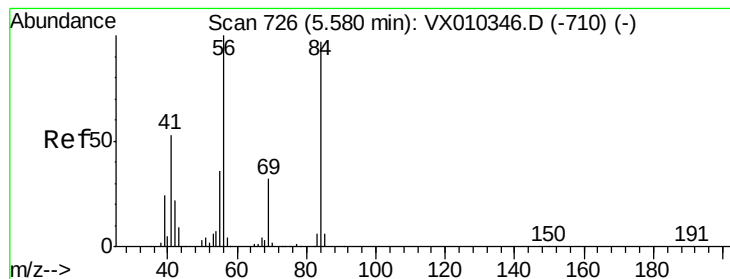
Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 0.0 37.8 56.8#





#31

Cyclohexane

Concen: 18.311 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

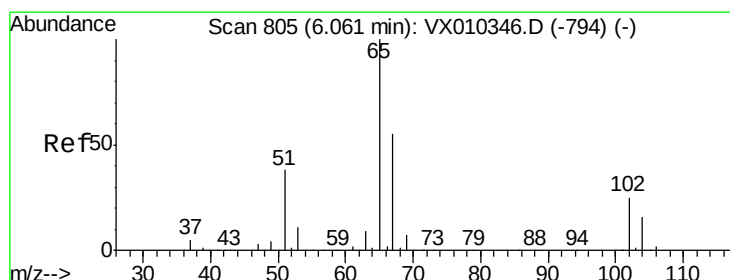
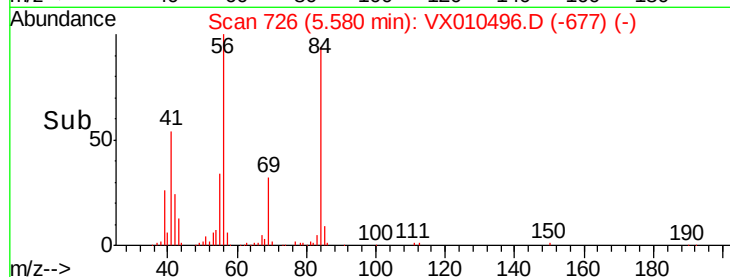
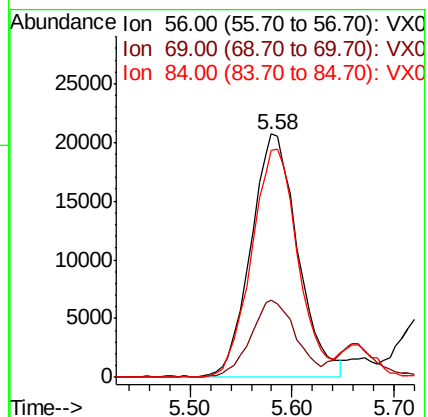
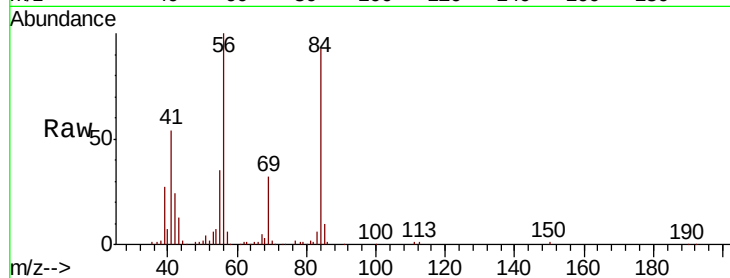
Tot Ion: 56 Resp: 66152

Ion Ratio Lower Upper

56 100

69 31.4 25.9 38.9

84 93.3 78.0 117.0



#33

1,2-Dichloroethane-d4

Concen: 49.387 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010496.D

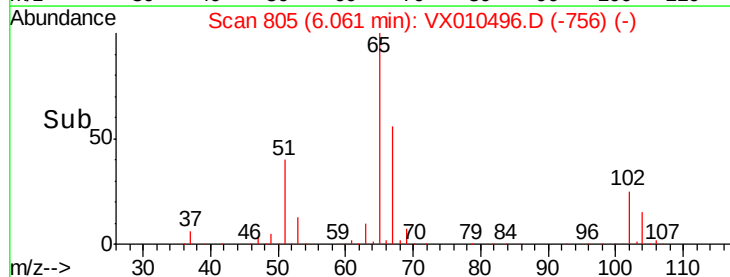
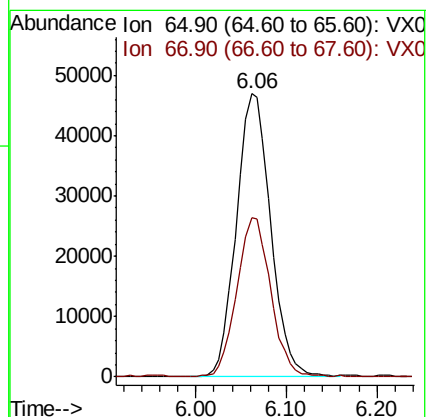
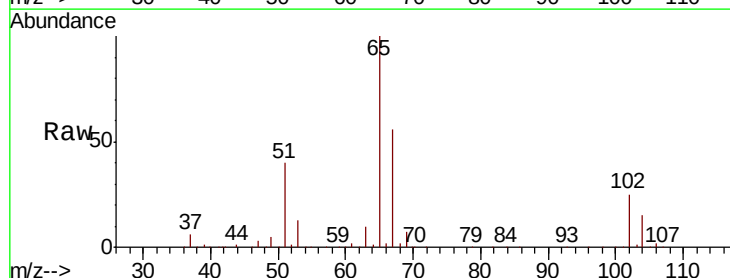
Acq: 27 Jun 2019 18:03

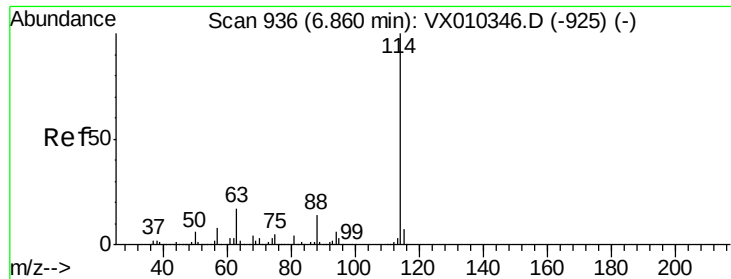
Tgt Ion: 65 Resp: 123521

Ion Ratio Lower Upper

65 100

67 55.2 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: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

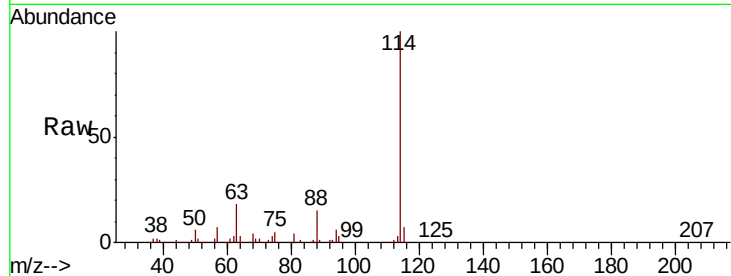
Tot Ion:114 Resp: 400391

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

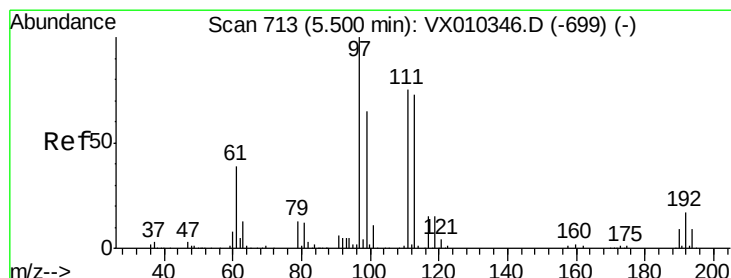
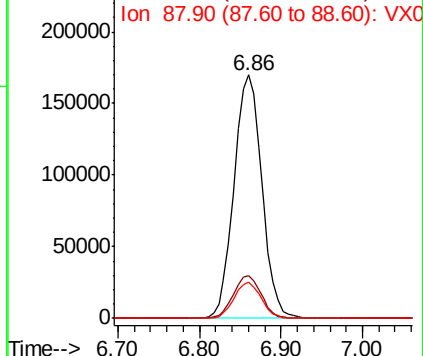
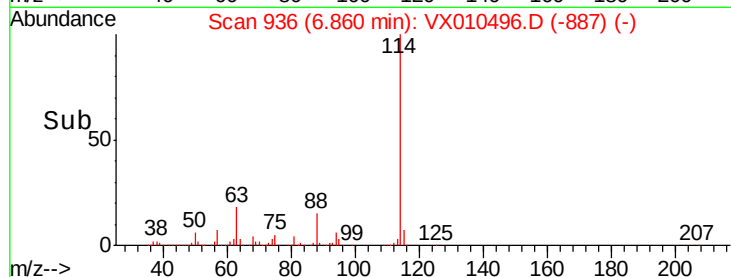
88 15.1 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.150 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

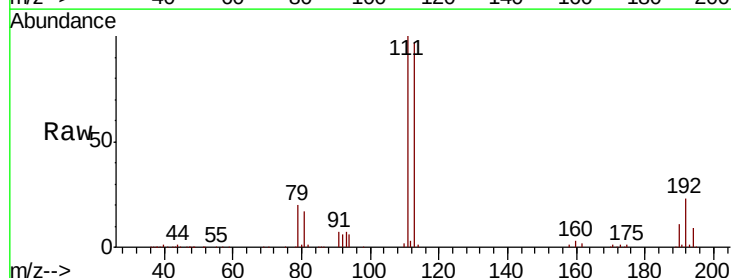
Tgt Ion:113 Resp: 120404

Ion Ratio Lower Upper

113 100

111 104.7 81.2 121.8

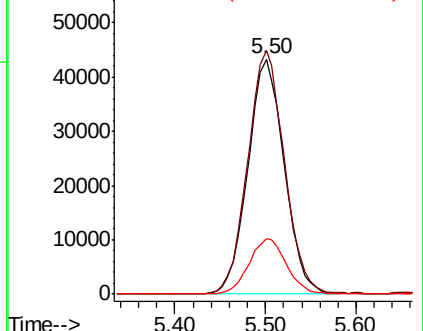
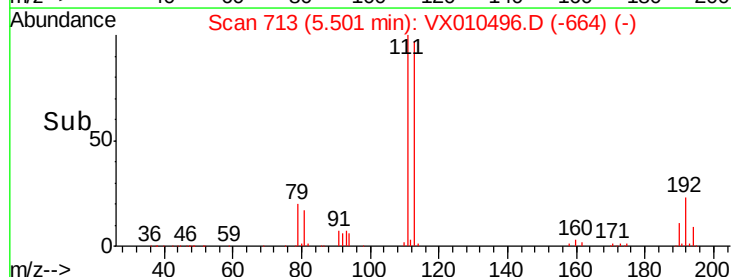
192 24.0 18.6 27.8

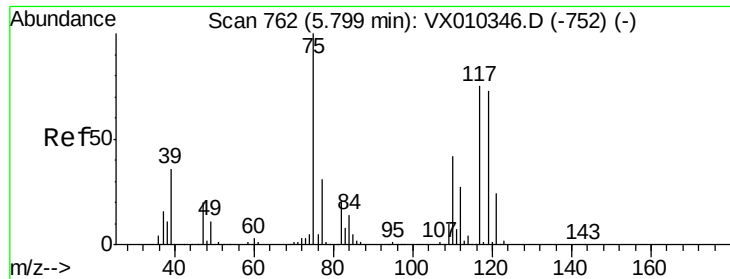


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

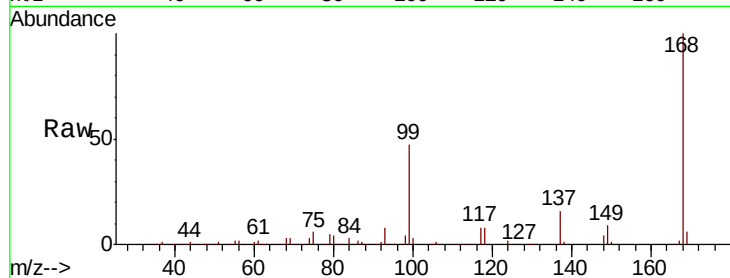




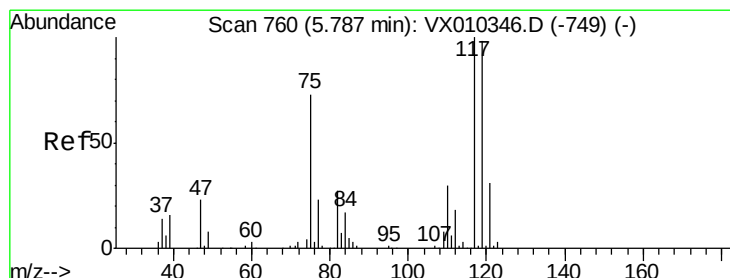
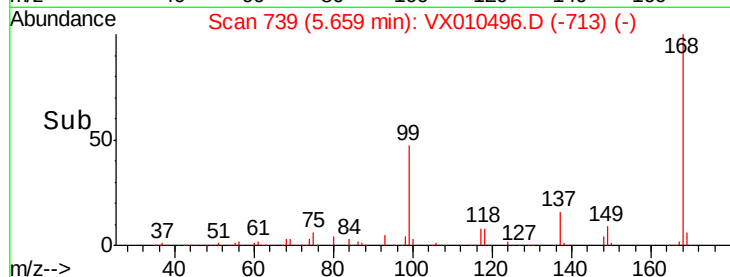
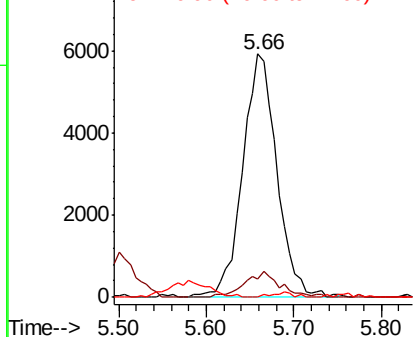
#36
 1,1-Dichloropropene
 Concen: 5.058 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 16093
 Ion Ratio Lower Upper
 75 100
 110 11.2 20.8 62.2#
 77 0.0 25.4 38.0#

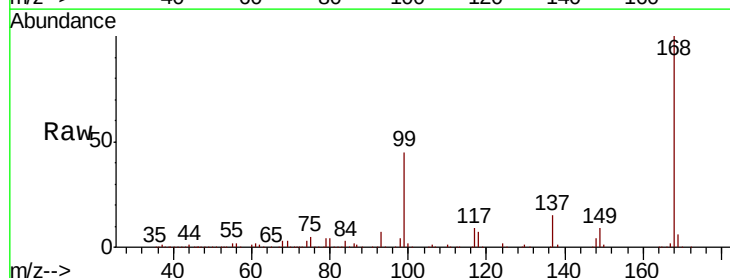


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

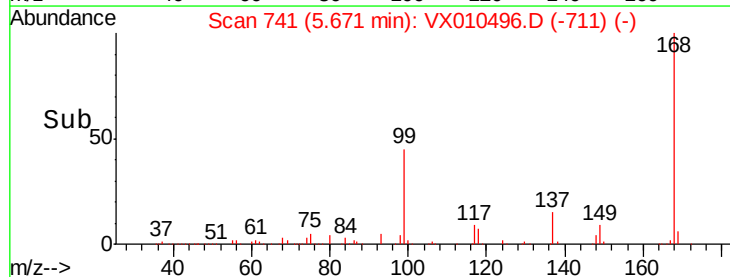
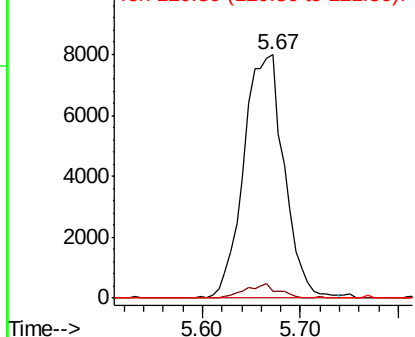


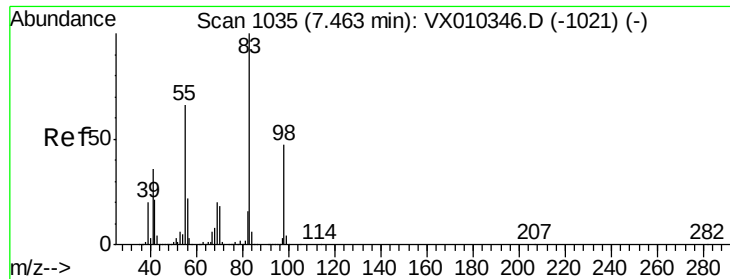
#38
 Carbon Tetrachloride
 Concen: 6.676 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.12 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

Tgt Ion: 117 Resp: 23000
 Ion Ratio Lower Upper
 117 100
 119 3.0 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

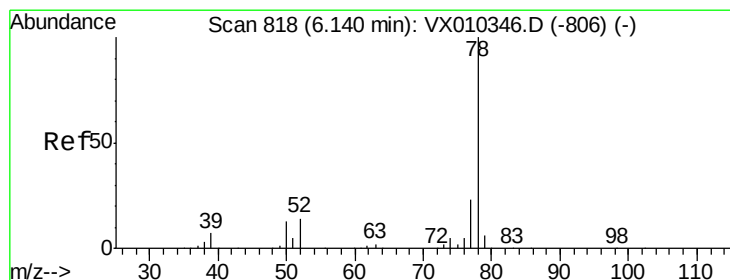
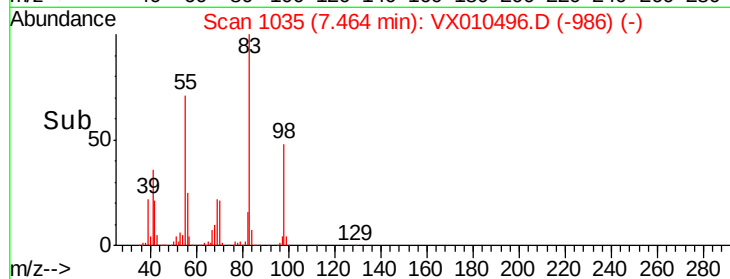
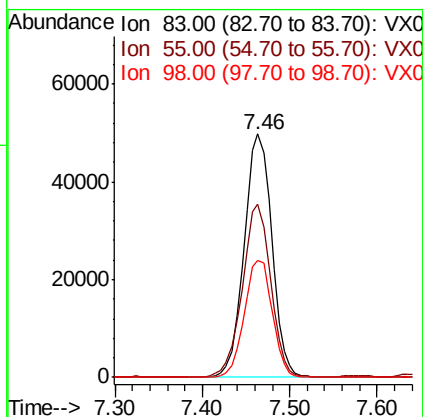
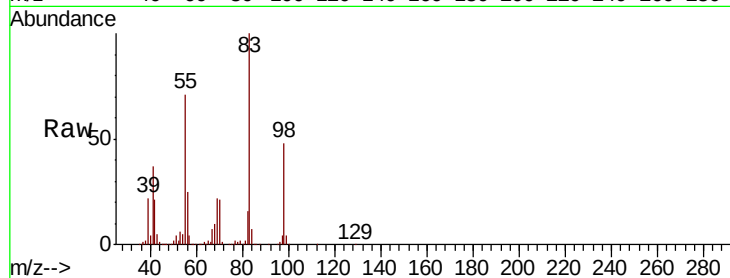




#39
Methylvlcyclohexane
Concen: 26.229 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

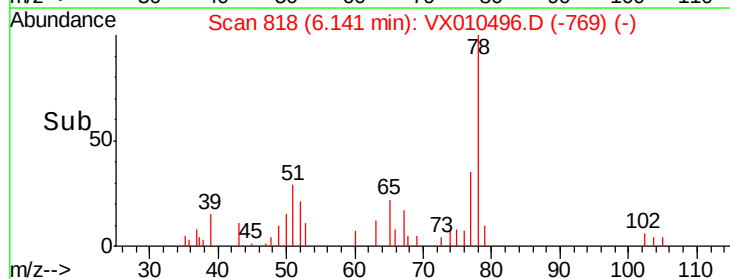
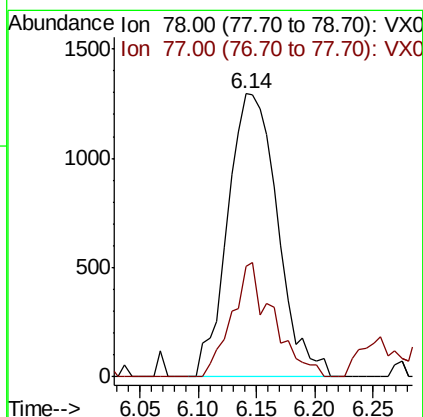
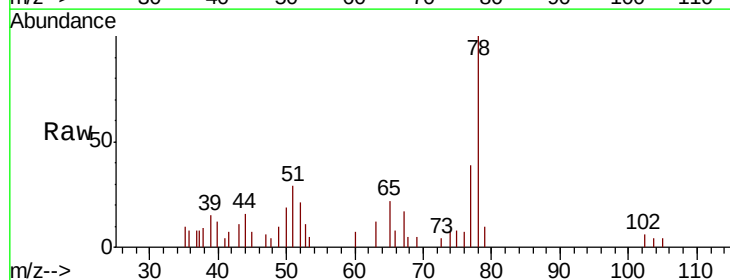
Instrument :
MSVOA_X
ClientSampleId :

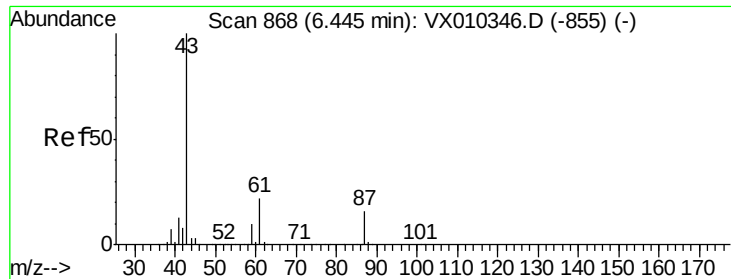
Tot Ion: 83 Resp: 109699
Ion Ratio Lower Upper
83 100
55 70.9 53.0 79.6
98 48.2 37.8 56.8



#40
Benzene
Concen: 0.388 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 78 Resp: 3850
Ion Ratio Lower Upper
78 100
77 39.2 18.6 28.0#





#43

Isopropyl Acetate

Concen: 0.275 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

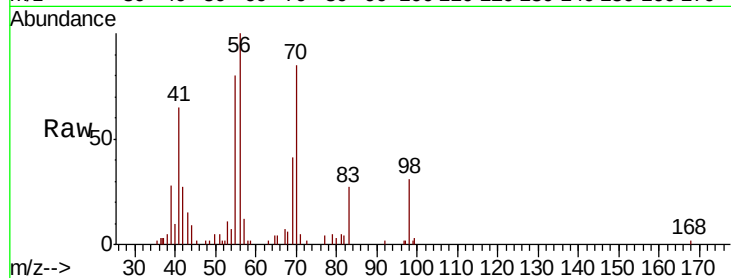
Tot Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

61 2.8 17.8 26.6#

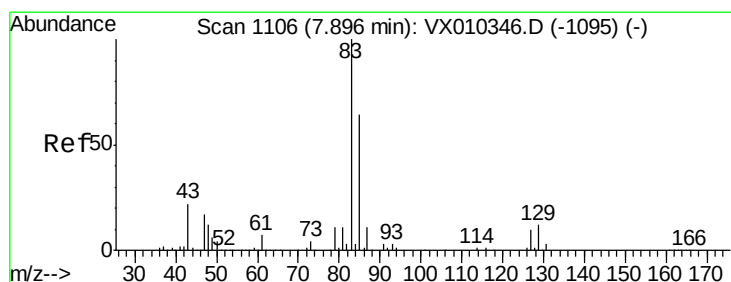
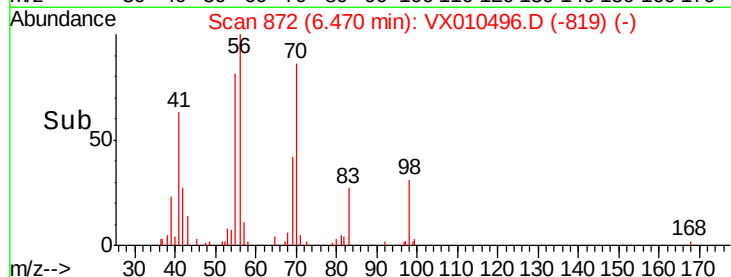
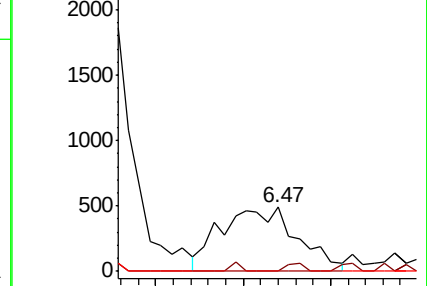
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.236 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

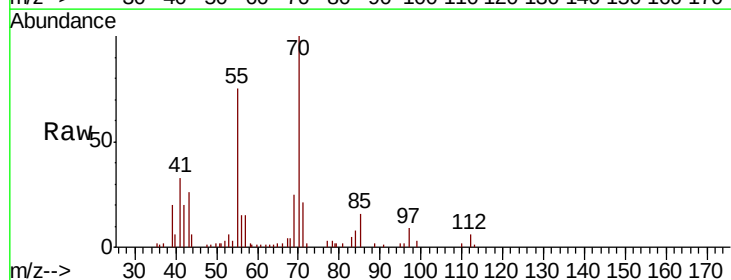
Tgt Ion: 83 Resp: 776

Ion Ratio Lower Upper

83 100

85 304.8 51.5 77.3#

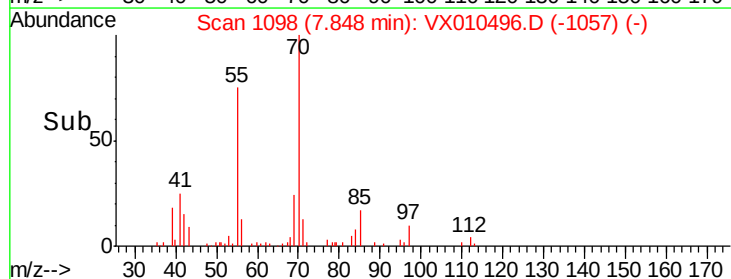
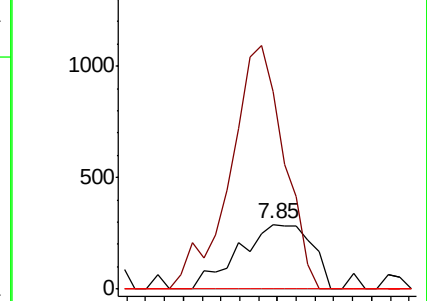
127 0.0 7.8 11.8#

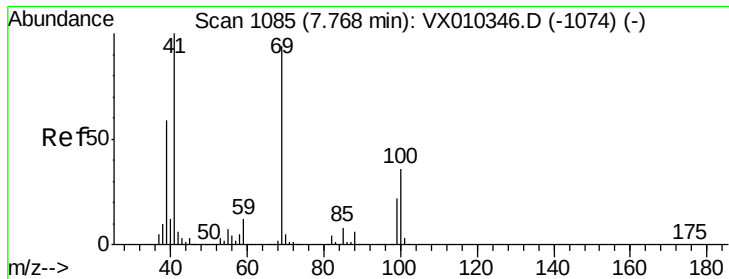


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

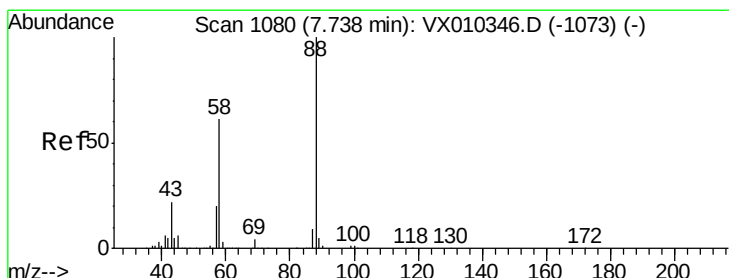
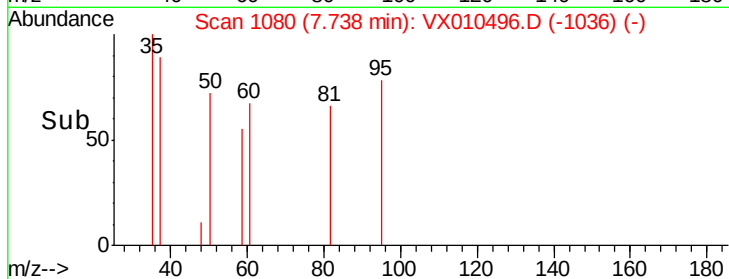
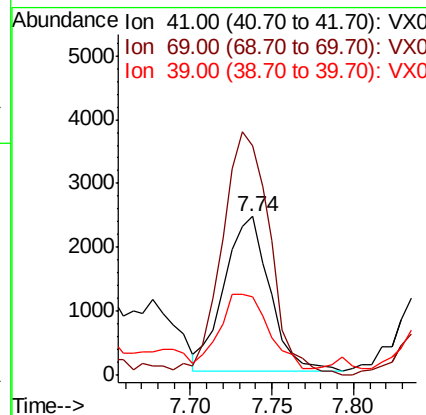
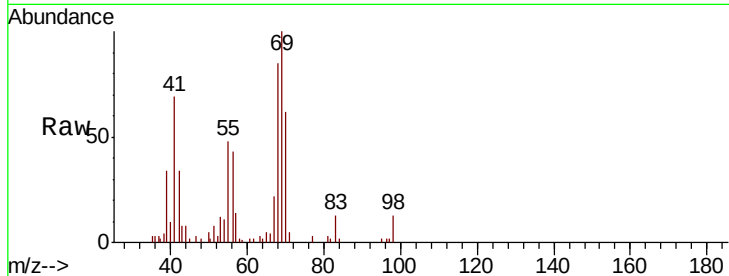




#48
Methvl methacrylate
Concen: 1.875 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

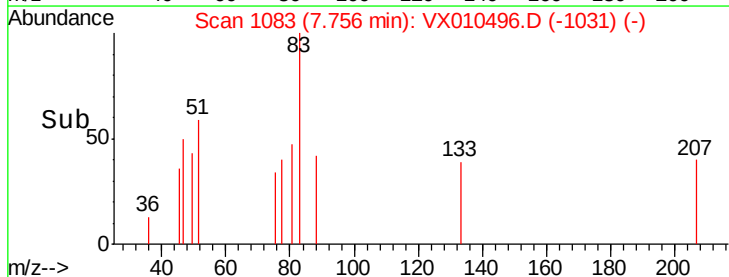
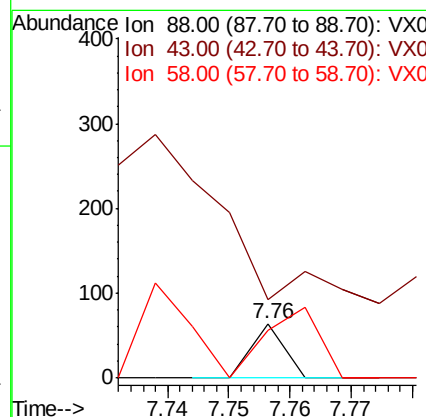
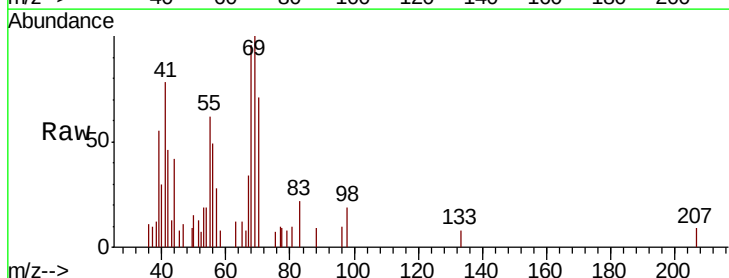
Instrument :
MSVOA_X
ClientSampled :

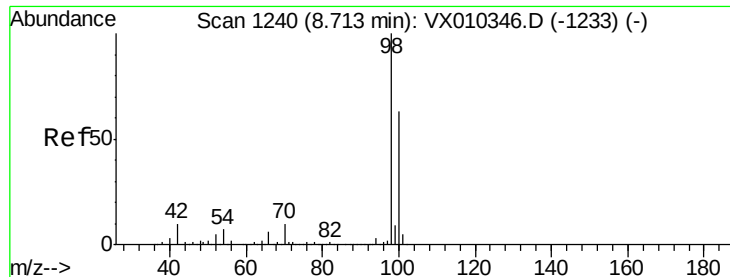
Tot Ion: 41 Resp: 4721
Ion Ratio Lower Upper
41 100
69 166.1 76.1 114.1#
39 51.2 47.6 71.4



#49
1,4-Dioxane
Concen: 0.317 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 221.7 49.5 74.3#

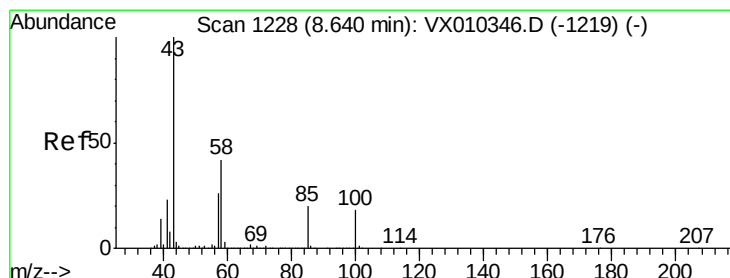
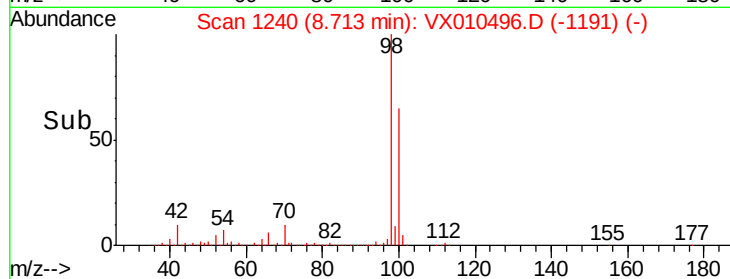
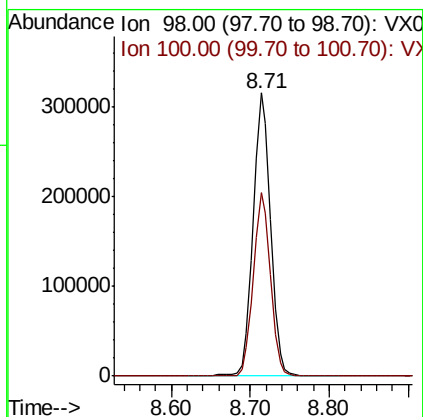
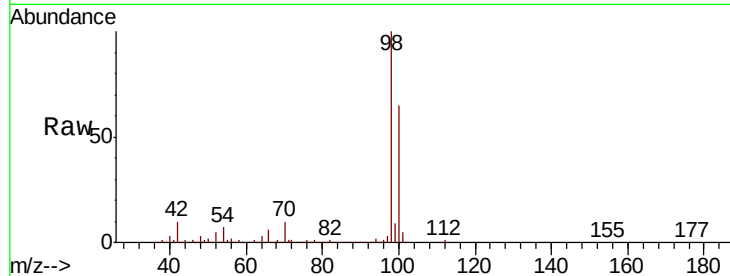




#50
Toluene-d8
Concen: 51.854 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

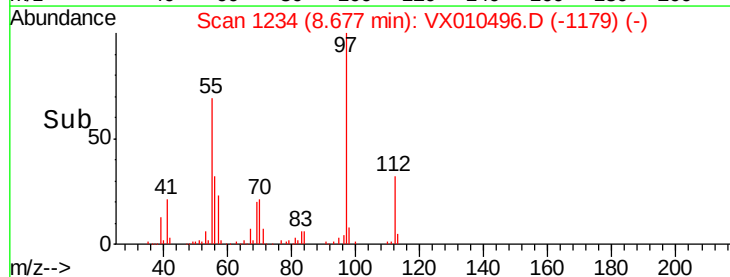
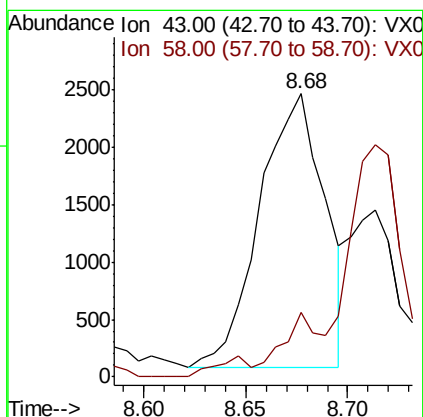
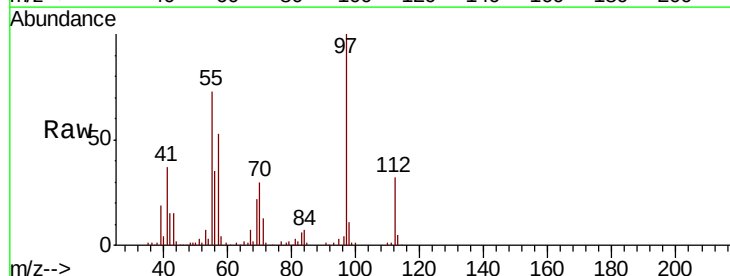
Instrument :
MSVOA_X
ClientSampleId :

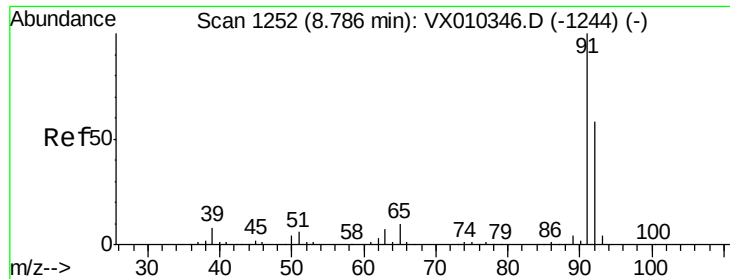
Tot Ion: 98 Resp: 485987
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.522 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.04 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 13.8 33.5 50.3#





#52

Toluene

Concen: 0.244 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

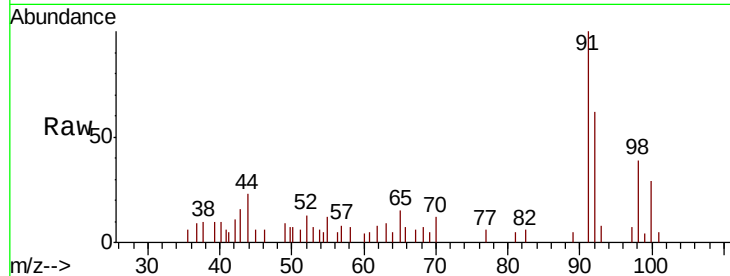
ClientSampled :

Tot Ion: 92 Resp: 1594

Ion Ratio Lower Upper

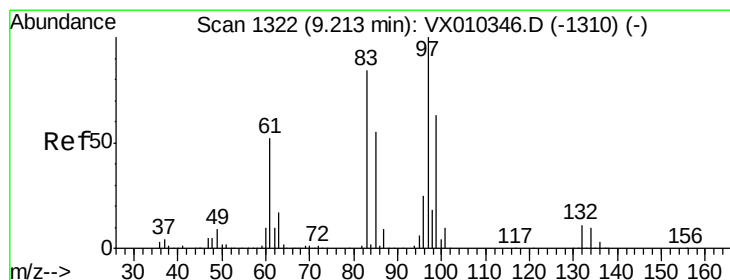
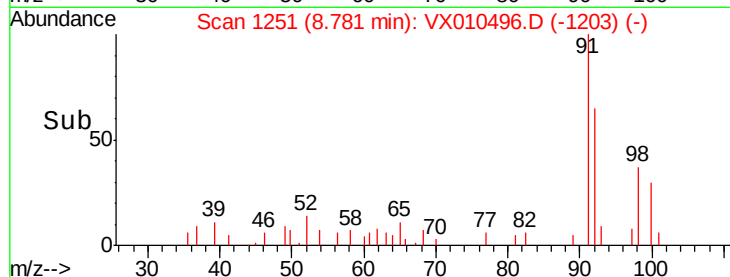
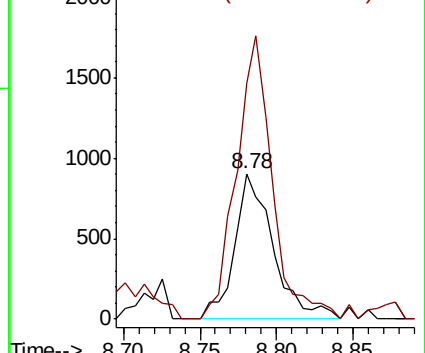
92 100

91 179.0 139.8 209.6



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: 6.432 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Tgt Ion: 97 Resp: 17317

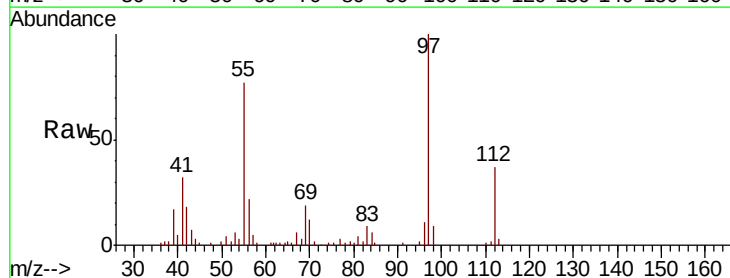
Ion Ratio Lower Upper

97 100

83 8.8 67.4 101.0#

85 1.0 43.8 65.8#

99 0.0 50.3 75.5#

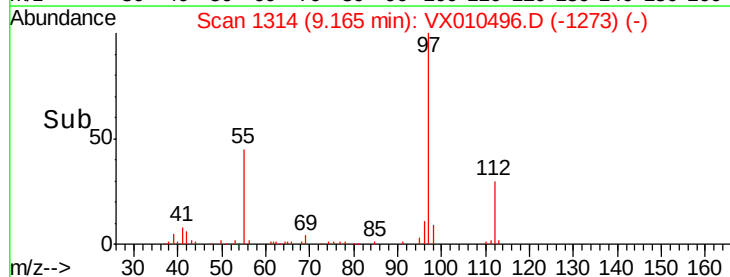
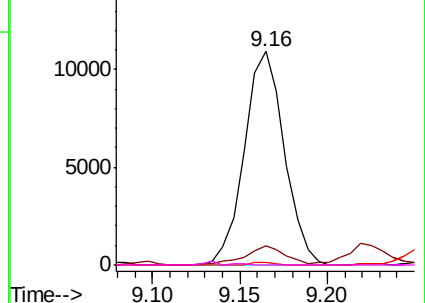


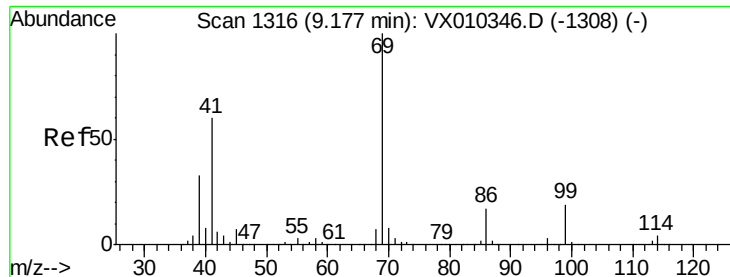
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

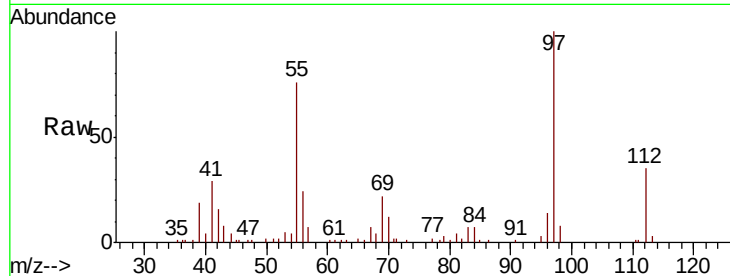




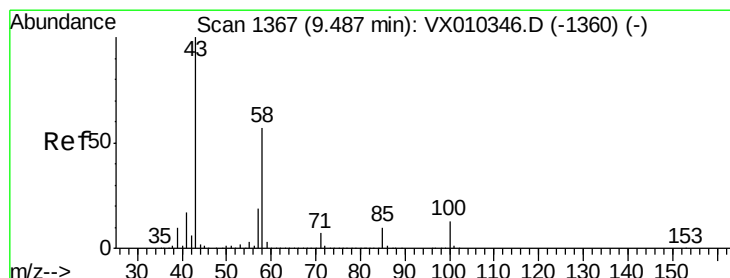
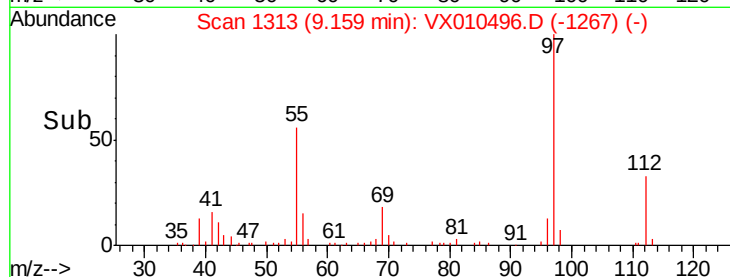
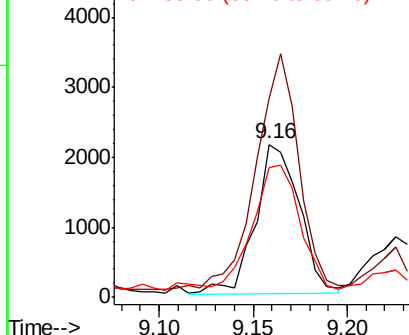
#56
Ethyl methacrylate
Concen: 0.858 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 3499
Ion Ratio Lower Upper
69 100
41 150.8 47.1 70.7#
39 87.7 26.6 40.0#

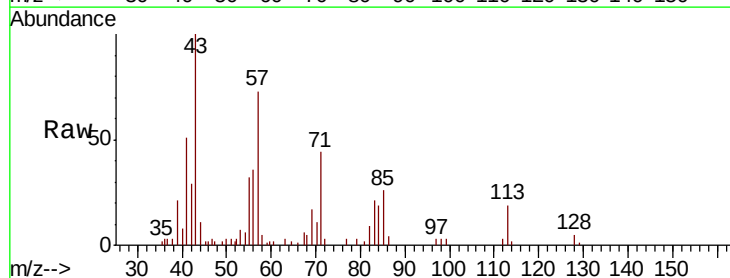


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

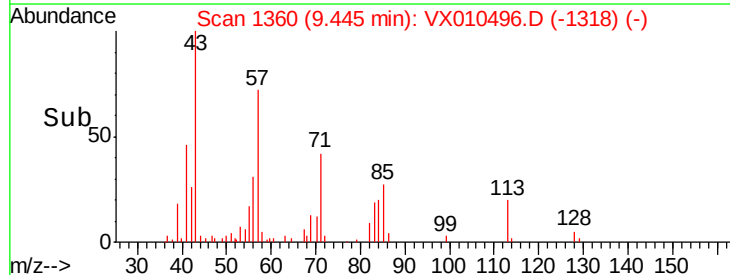
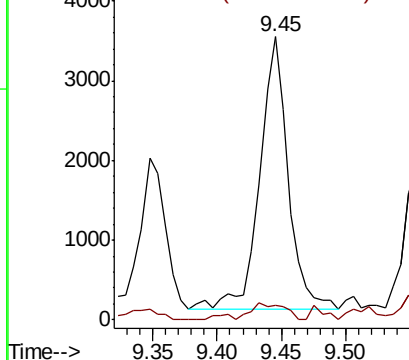


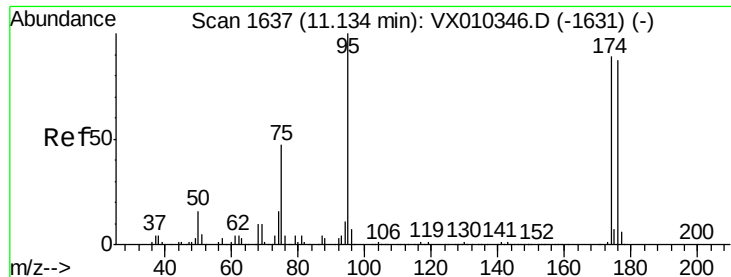
#59
2-Hexanone
Concen: 1.900 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 43 Resp: 5178
Ion Ratio Lower Upper
43 100
58 7.2 29.0 87.1#



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





#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

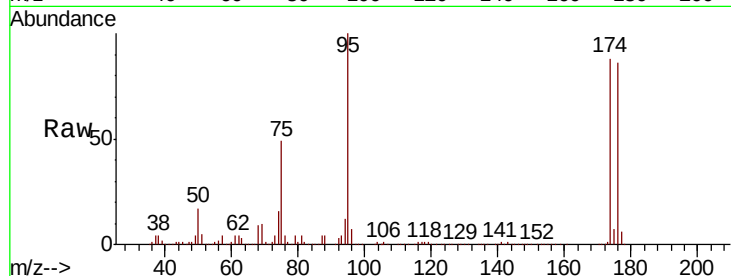
Tot Ion: 95 Resp: 167349

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.6

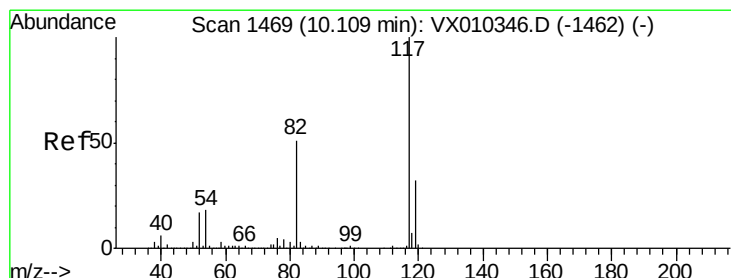
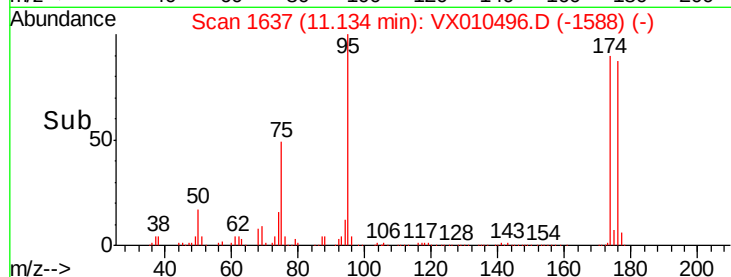
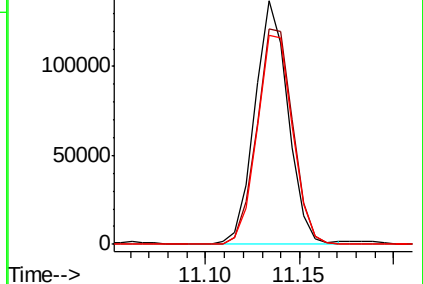
176 92.3 0.0 184.0



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: VX010496.D

Acq: 27 Jun 2019 18:03

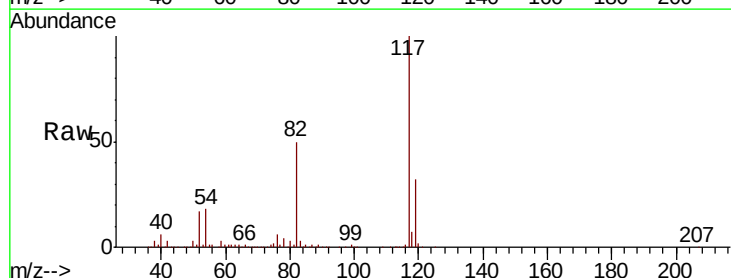
Tgt Ion: 117 Resp: 369263

Ion Ratio Lower Upper

117 100

82 49.9 41.2 61.8

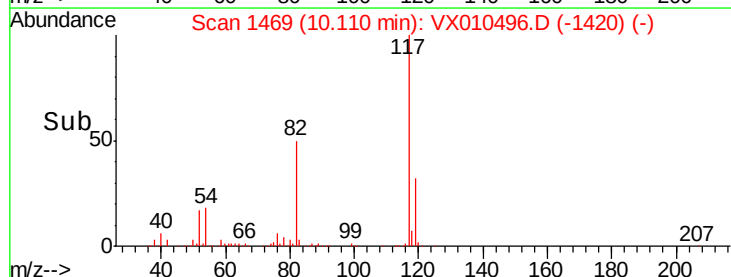
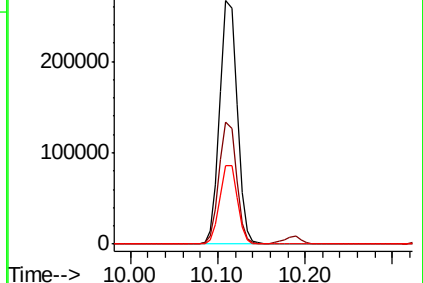
119 32.0 25.5 38.3

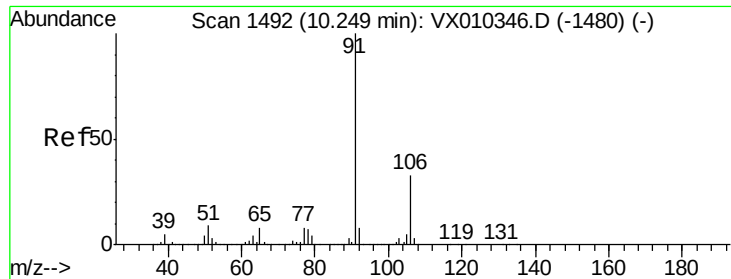


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

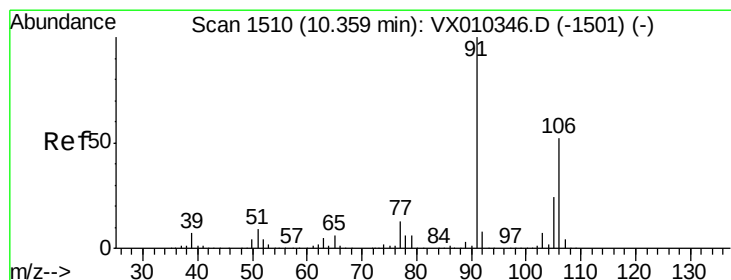
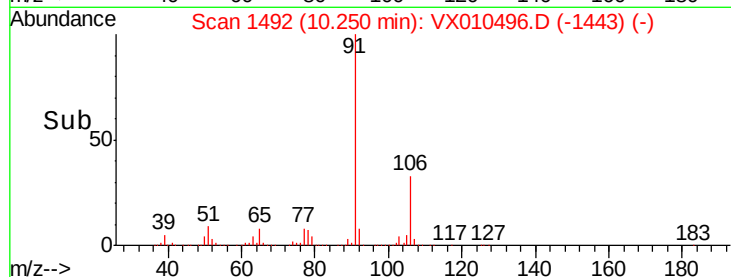
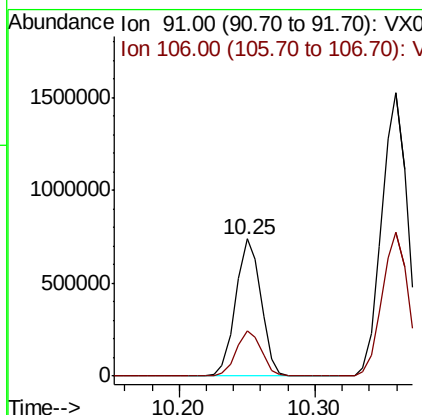
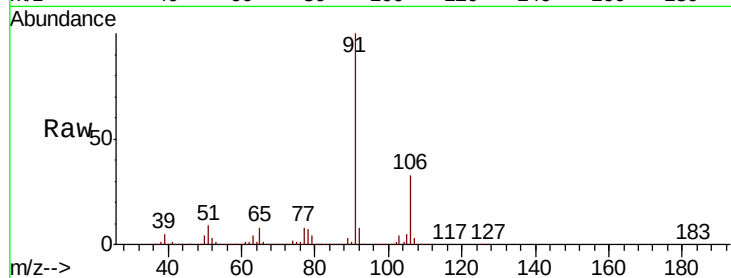




#67
Ethyl Benzene
Concen: 75.865 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

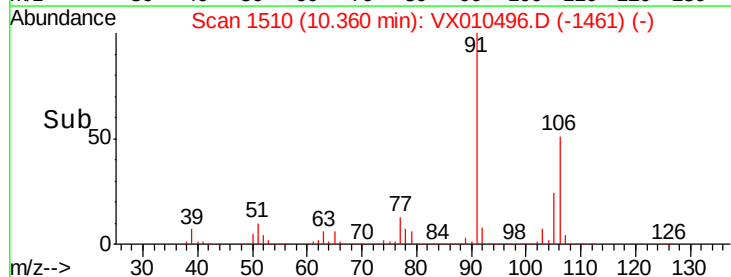
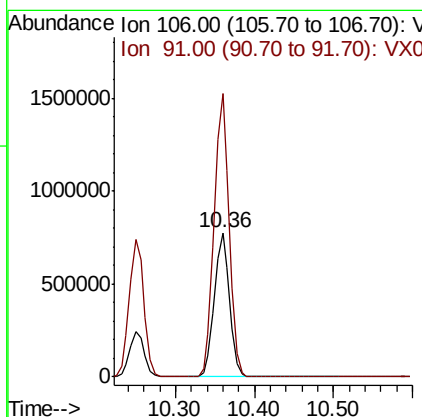
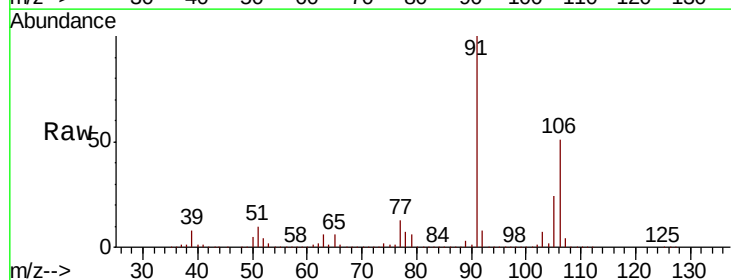
Instrument :
MSVOA_X
ClientSampleId :

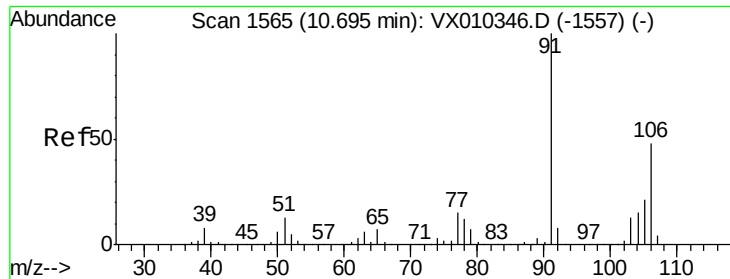
Tot Ion: 91 Resp: 960164
Ion Ratio Lower Upper
91 100
106 33.3 26.2 39.2



#68
m/p-Xylenes
Concen: 210.497 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 106 Resp: 1032263
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

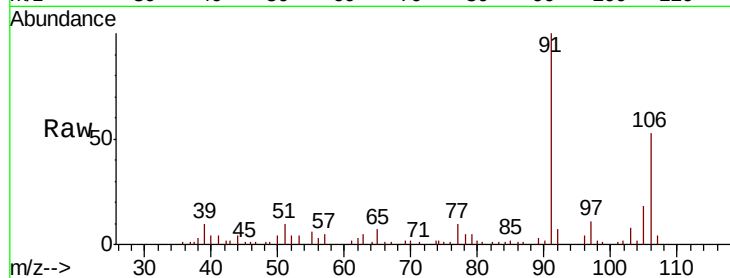




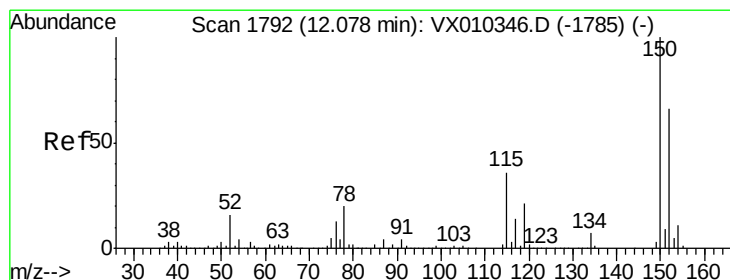
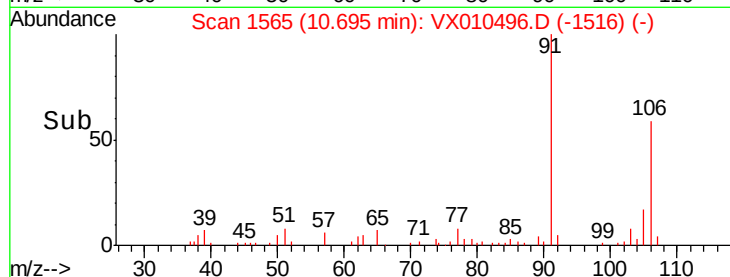
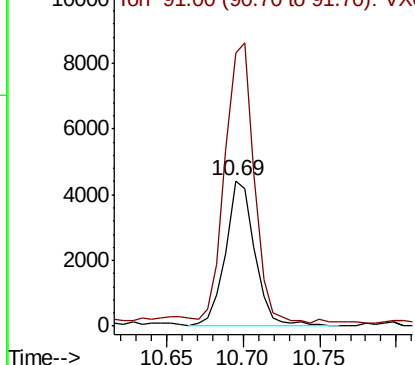
#69
o-Xylene
Concen: 1.224 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 5905
Ion Ratio Lower Upper
106 100
91 189.9 102.7 308.1

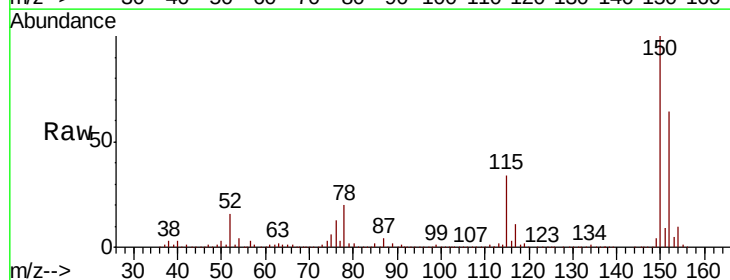


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

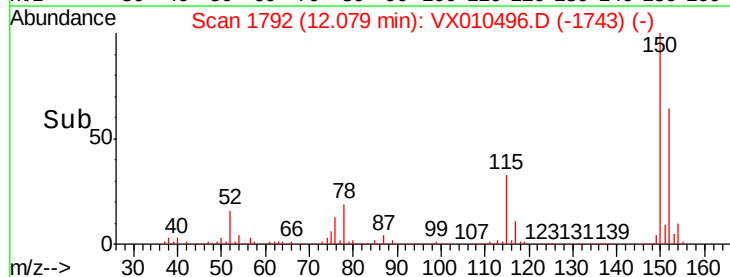
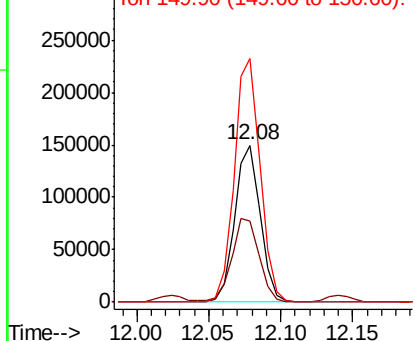


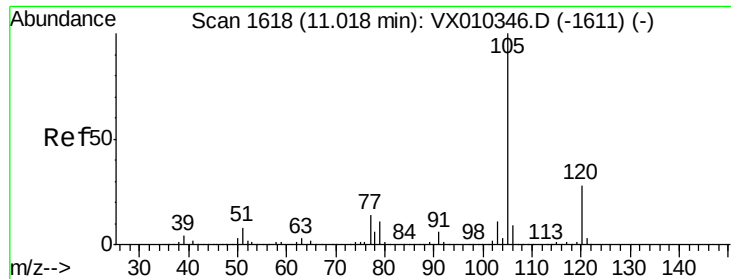
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion:152 Resp: 185989
Ion Ratio Lower Upper
152 100
115 57.3 38.6 115.7
150 156.5 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: 15.778 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

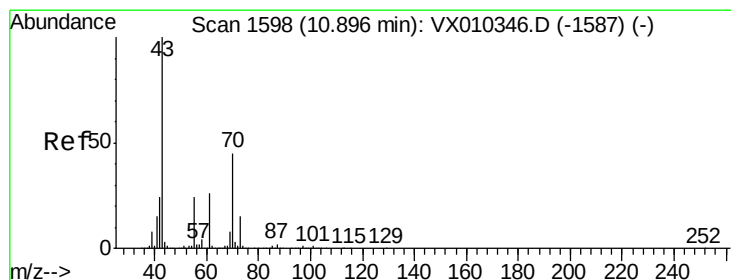
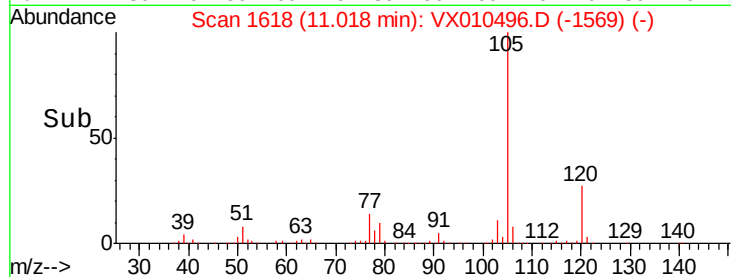
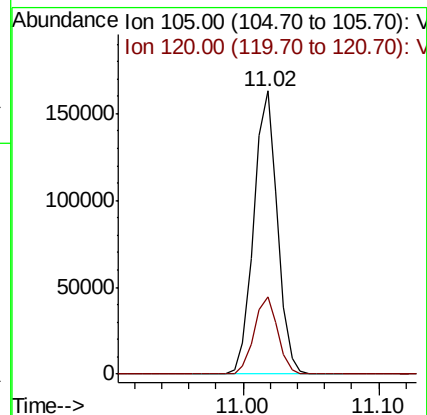
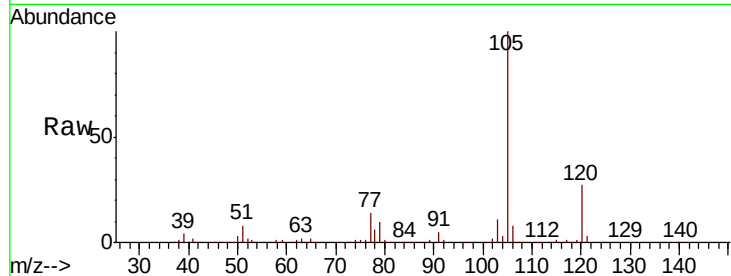
ClientSampleId :

Tot Ion:105 Resp: 198923

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 0.328 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Tgt Ion: 43 Resp: 1561

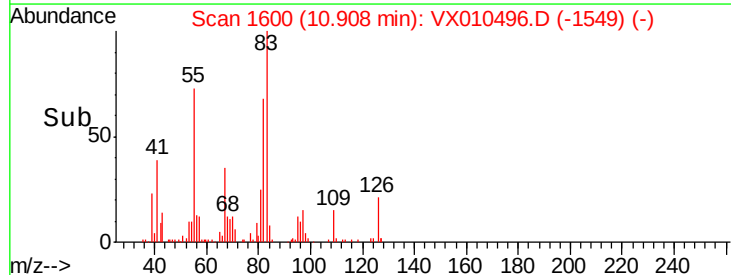
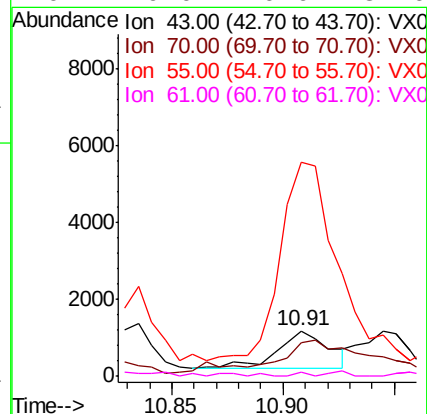
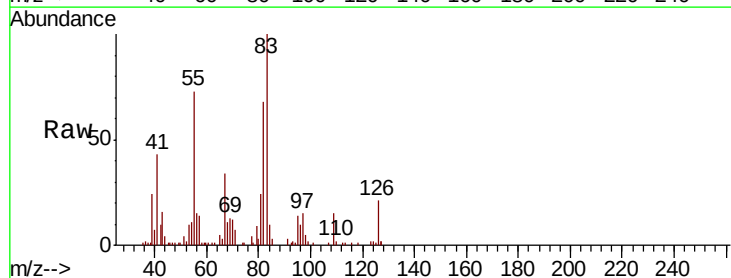
Ion Ratio Lower Upper

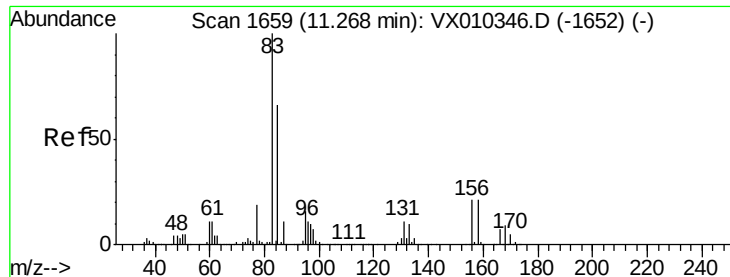
43 100

70 135.4 36.6 54.8#

55 594.2 18.7 28.1#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.822 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

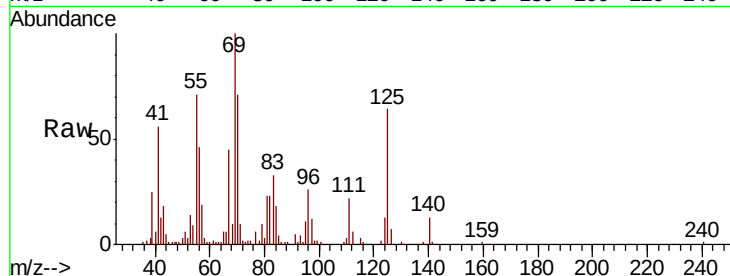
Tot Ion: 83 Resp: 3431

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

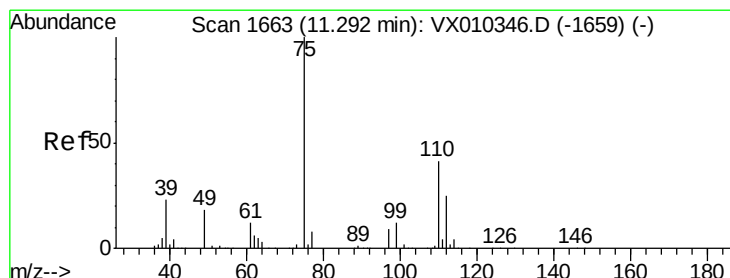
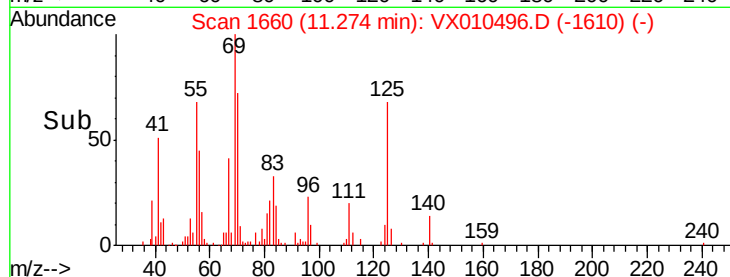
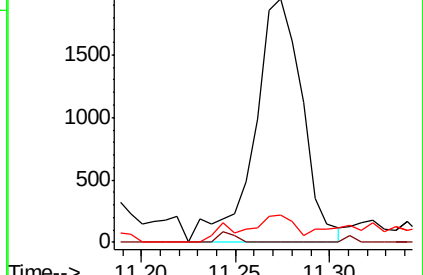
85 5.9 32.3 96.8#



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: 4.327 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010496.D

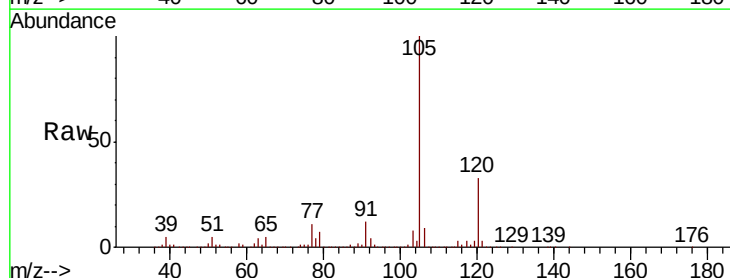
Acq: 27 Jun 2019 18:03

Tgt Ion: 75 Resp: 14665

Ion Ratio Lower Upper

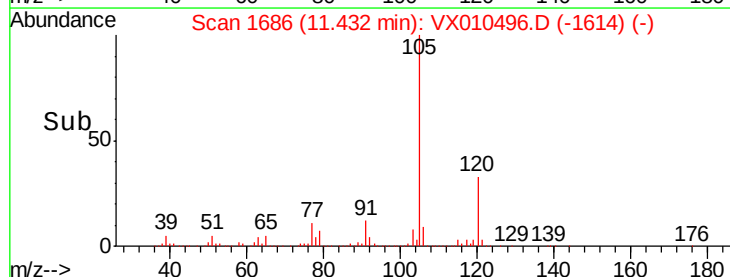
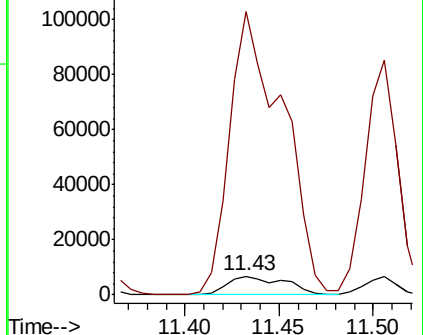
75 100

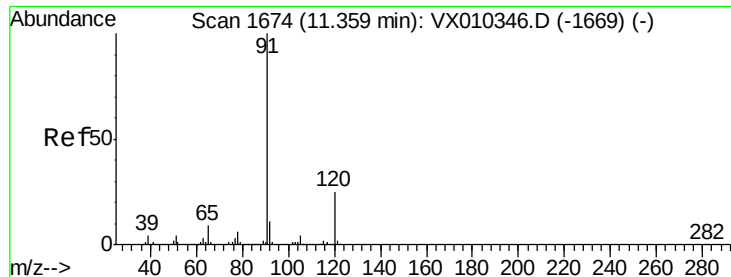
77 1369.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 20.188 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

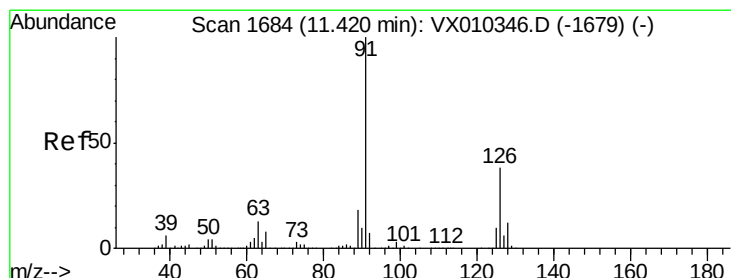
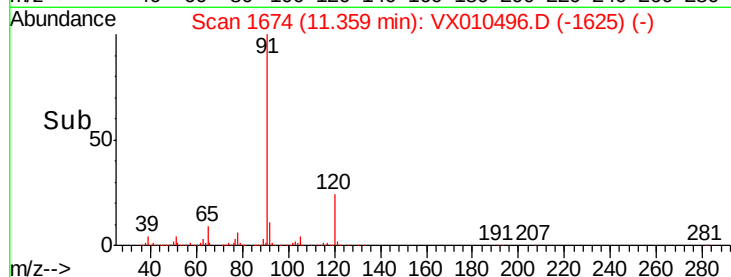
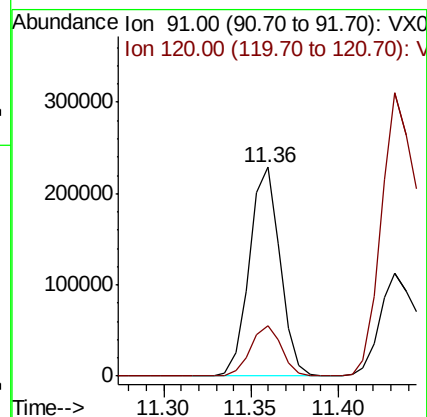
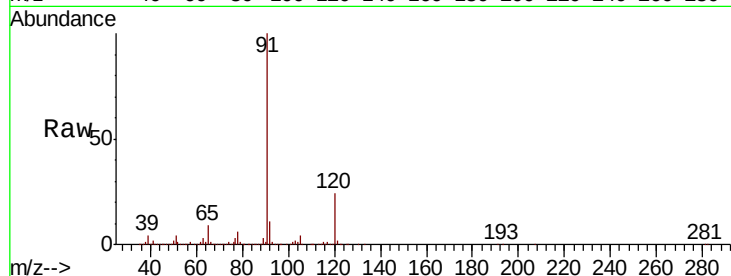
ClientSampleId :

Tot Ion: 91 Resp: 279741

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 26.430 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010496.D

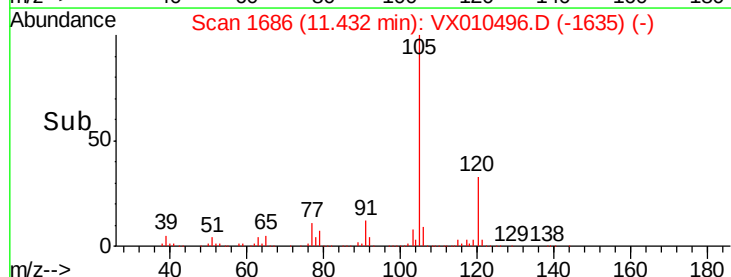
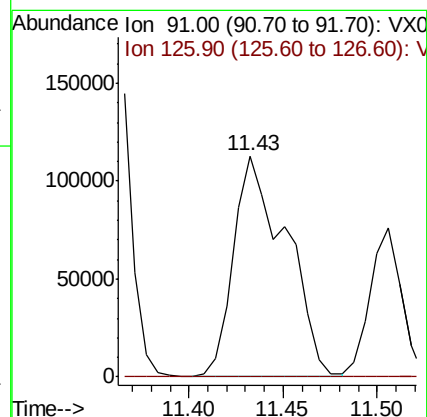
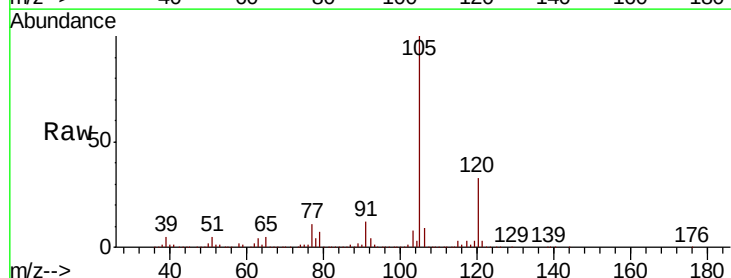
Acq: 27 Jun 2019 18:03

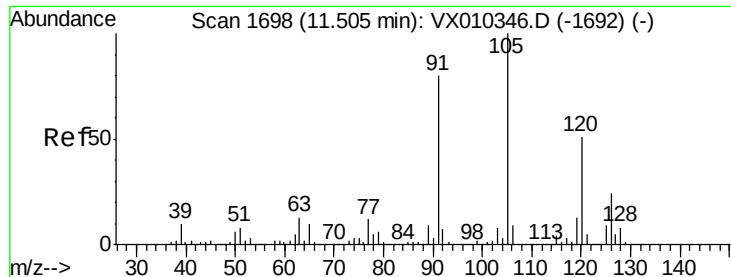
Tgt Ion: 91 Resp: 218080

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#

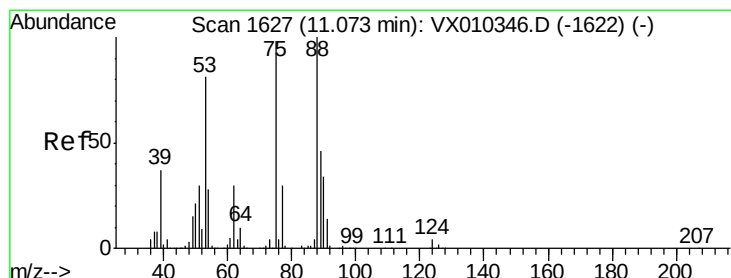
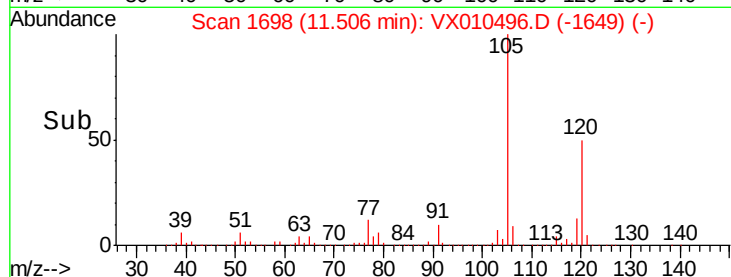
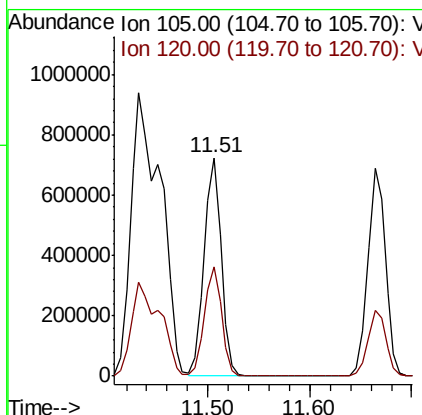
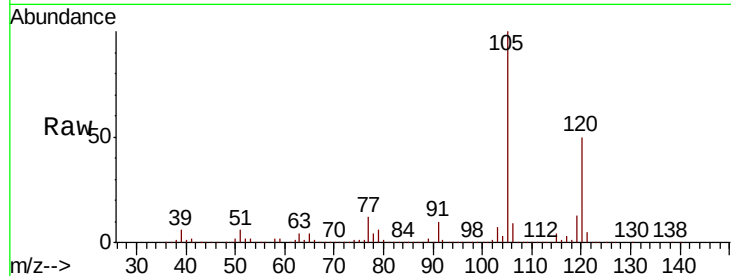




#80
 1,3,5-Trimethylbenzene
 Concen: 81.648 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

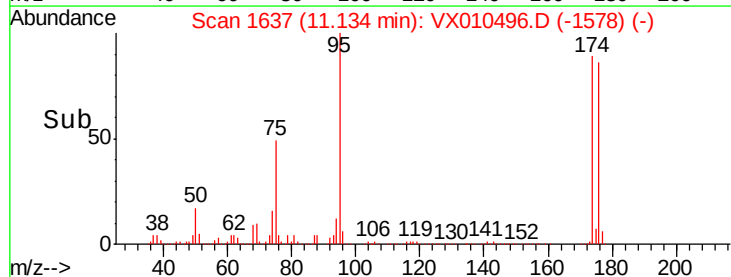
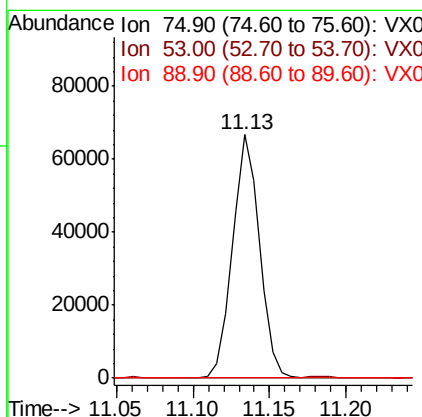
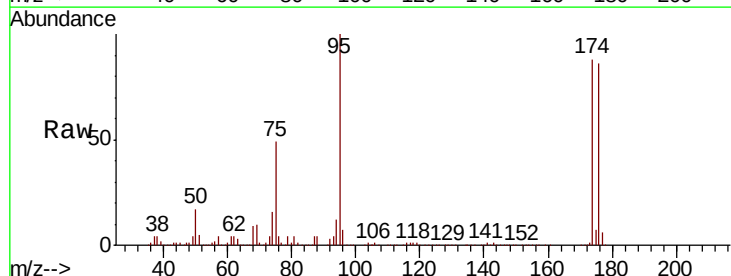
Instrument :
 MSVOA_X
 ClientSampleId :

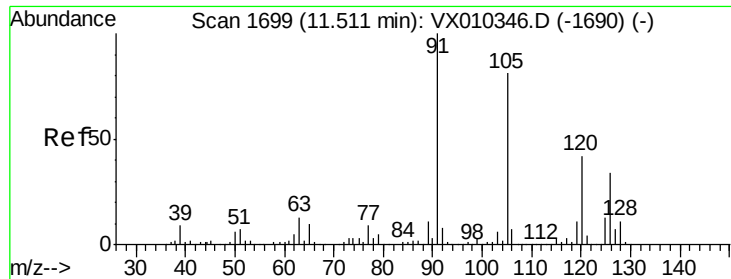
Tot Ion:105 Resp: 848614
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.191 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010496.D
 Acq: 27 Jun 2019 18:03

Tgt Ion: 75 Resp: 81634
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 9.395 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

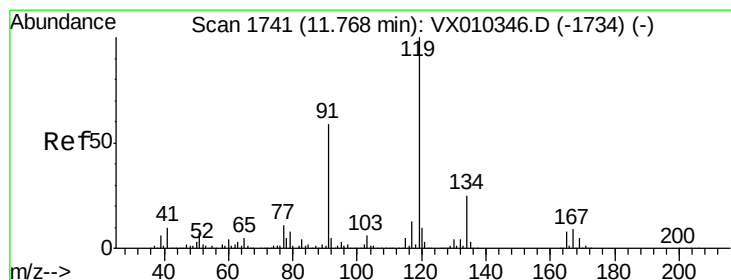
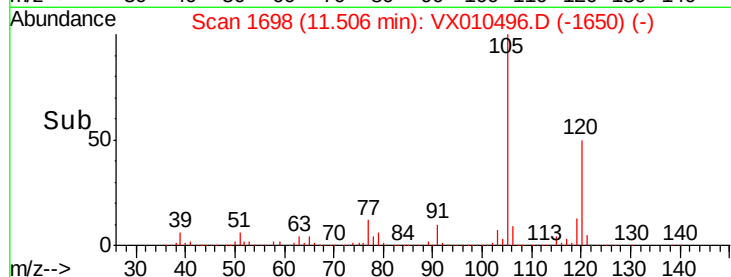
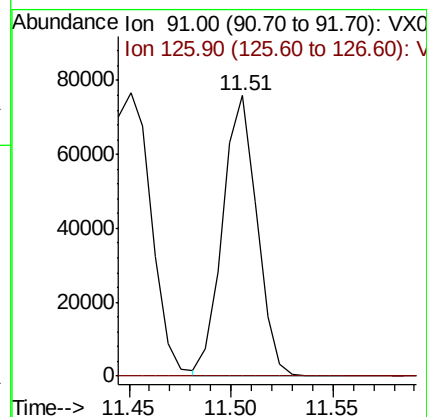
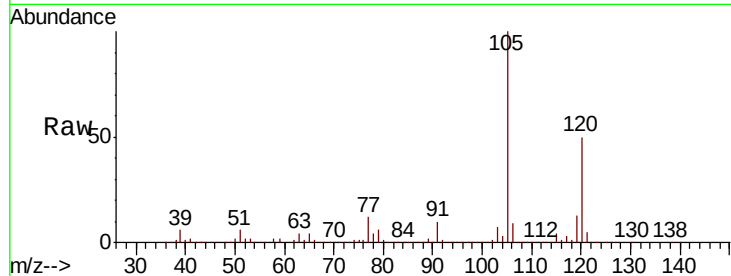
ClientSampleId :

Tot Ion: 91 Resp: 88206

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 0.956 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

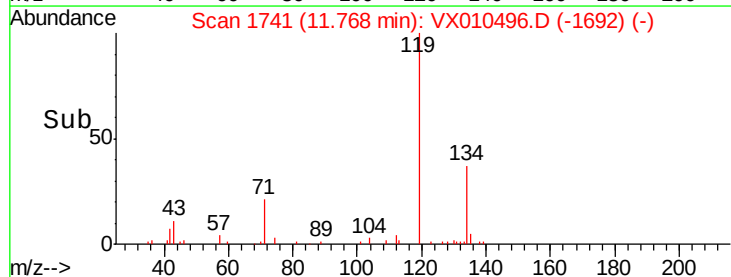
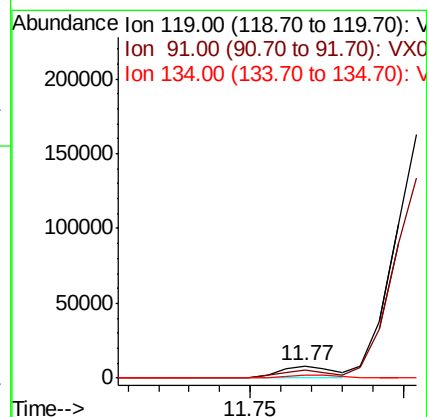
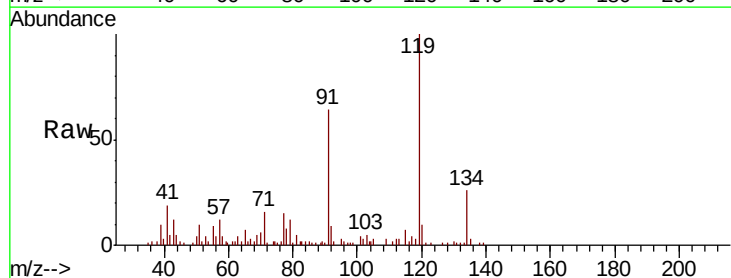
Tgt Ion: 119 Resp: 9970

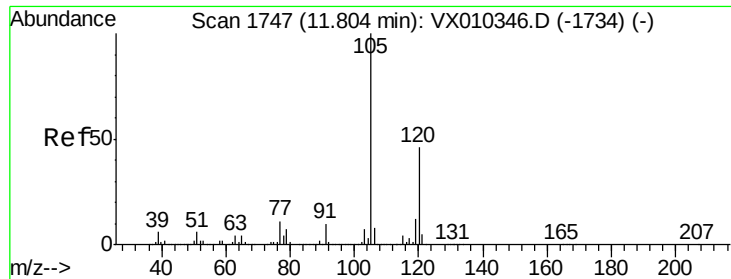
Ion Ratio Lower Upper

119 100

91 63.2 27.6 82.7

134 26.4 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 148.415 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

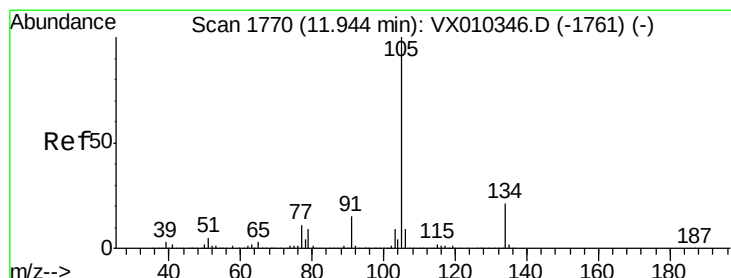
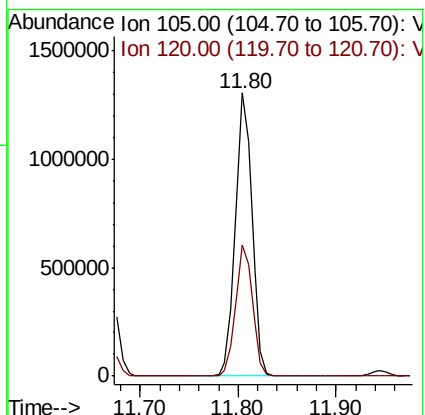
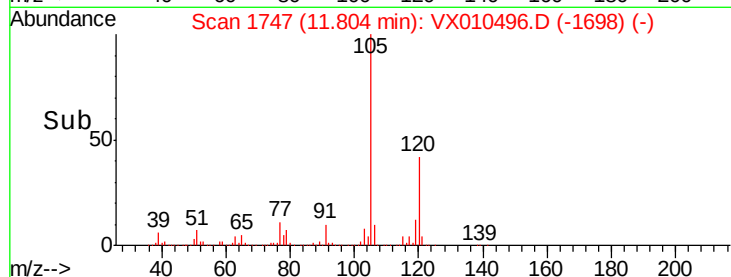
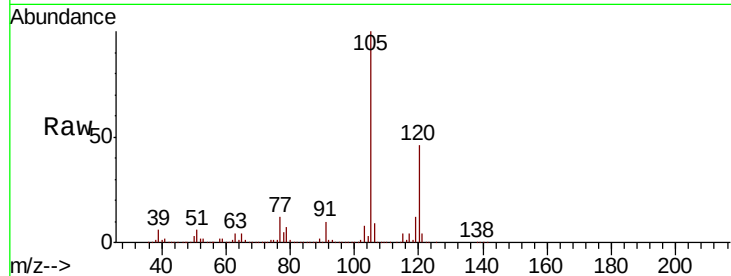
ClientSampleId :

Tot Ion:105 Resp: 1549797

Ion Ratio Lower Upper

105 100

120 46.9 23.1 69.2



#85

sec-Butylbenzene

Concen: 126.530 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010496.D

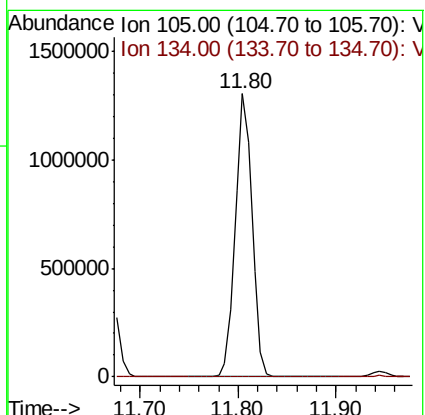
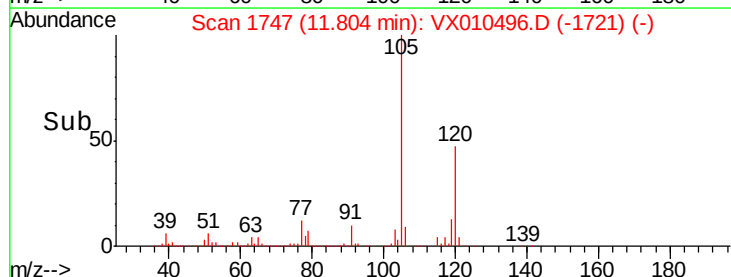
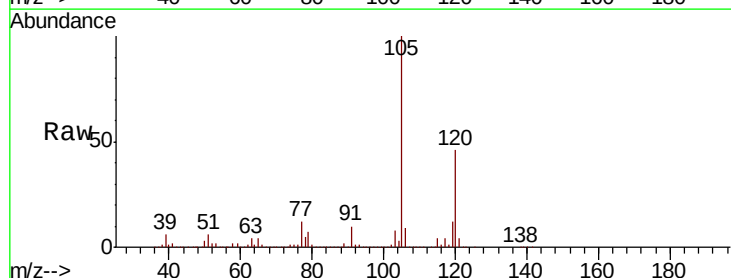
Acq: 27 Jun 2019 18:03

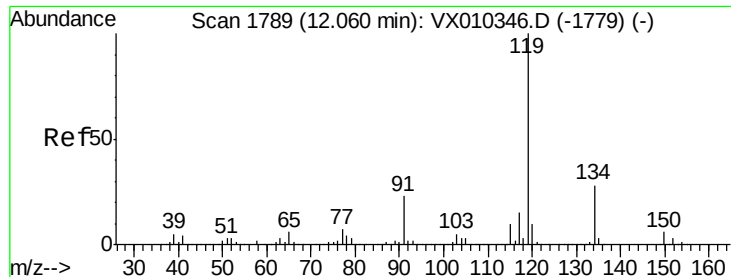
Tgt Ion:105 Resp: 1549797

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

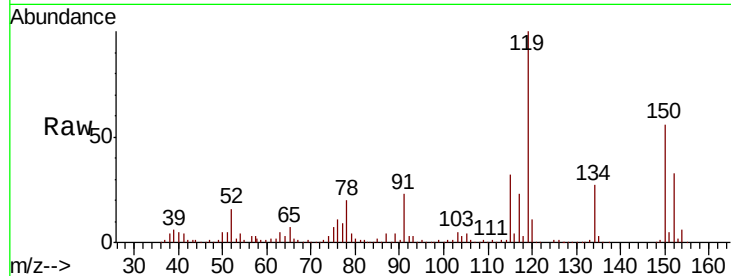




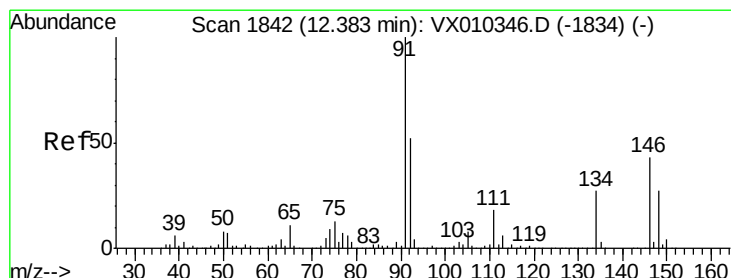
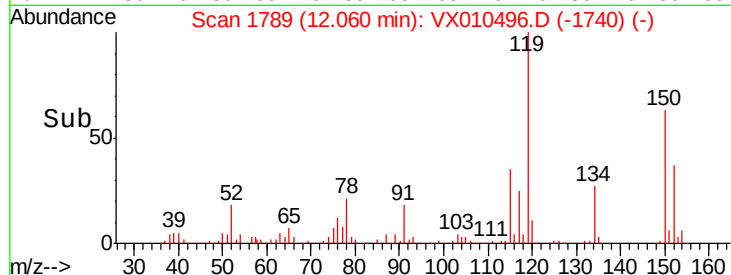
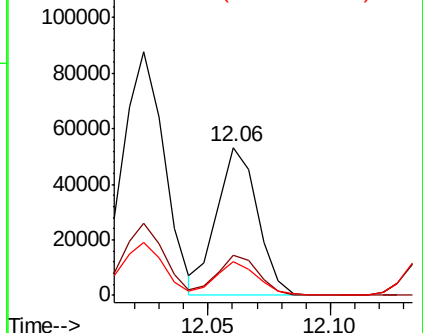
#86
p-Isopropyltoluene
Concen: 5.446 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 61702
Ion Ratio Lower Upper
119 100
134 27.6 13.7 41.1
91 22.7 11.3 33.8

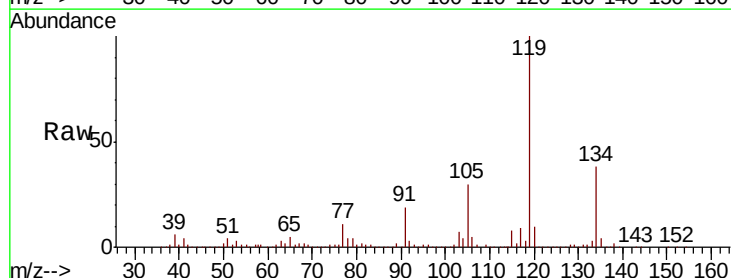


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

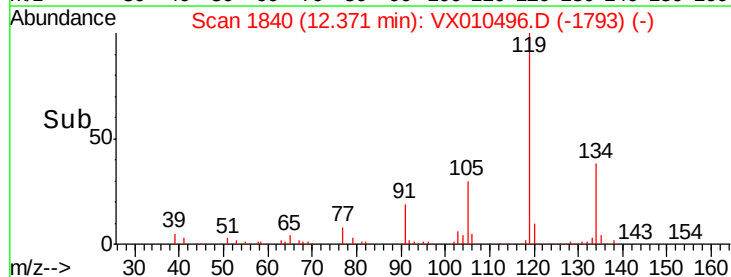
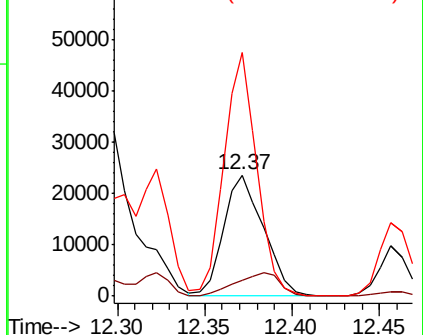


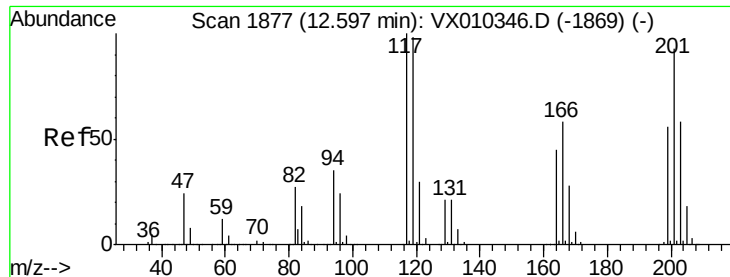
#89
n-Butylbenzene
Concen: 3.814 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 91 Resp: 36722
Ion Ratio Lower Upper
91 100
92 22.1 26.2 78.5#
134 168.2 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: 7.729 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

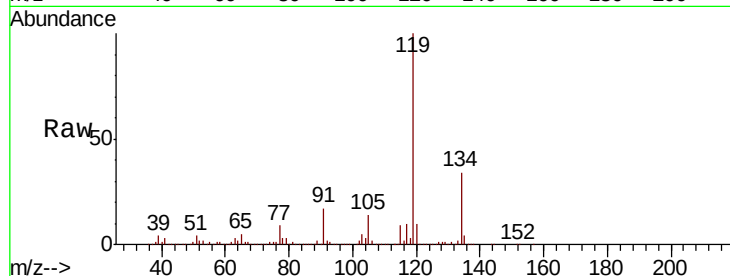
ClientSampleId :

Tot Ion:117 Resp: 15141

Ion Ratio Lower Upper

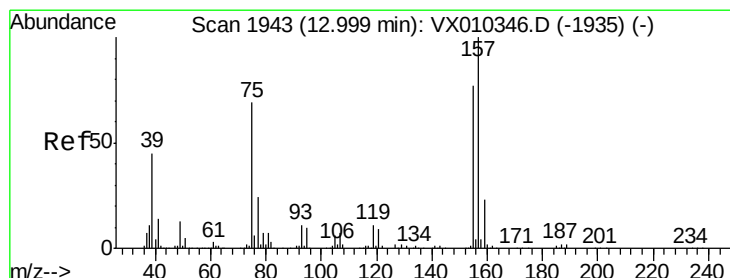
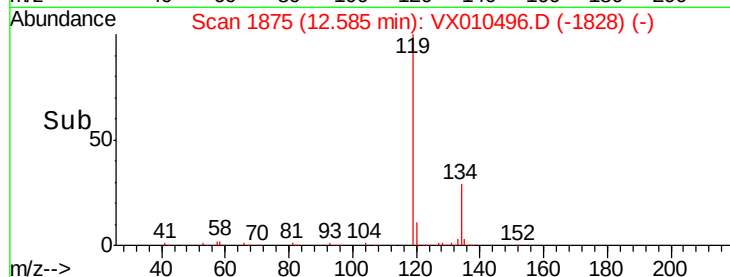
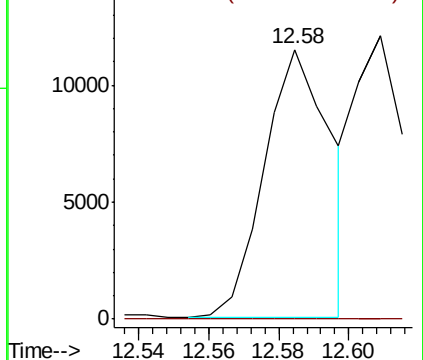
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.748 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

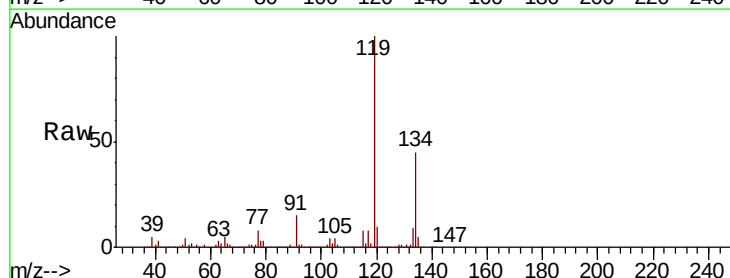
Tgt Ion: 75 Resp: 1574

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

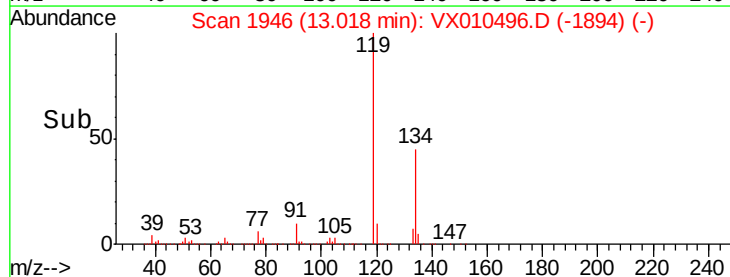
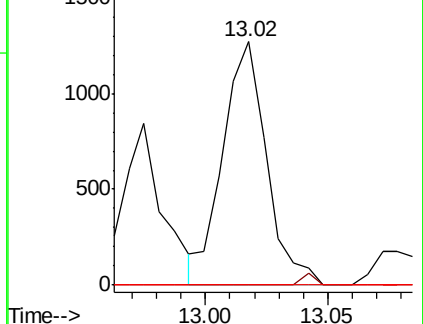
157 0.0 69.5 208.3#

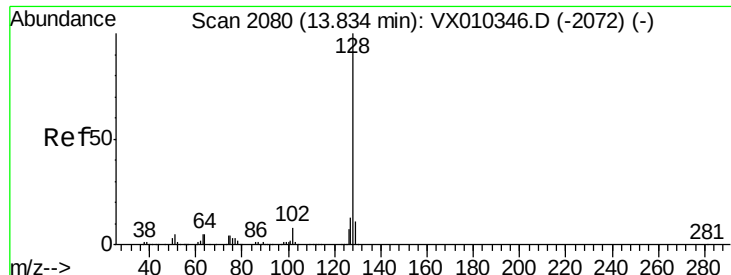


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

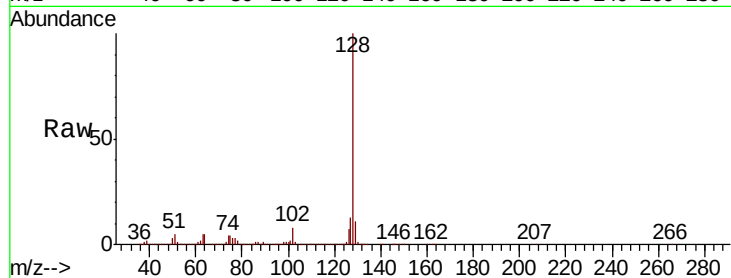




#95
Naphthalene
Concen: 44.703 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

