

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018446.D
 Acq On : 16 Sep 2020 17:36
 Operator : JC/SP
 Sample : L4008-01 40X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40951

Quant Time: Sep 17 04:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	435033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	700708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	698313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	372746	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	308763	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	5.47	113	243176	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	8.70	98	866665	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.12	95	363157	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	161	5.319	ug/l #	4
11) Tert butyl alcohol	3.00	59	6087	5.184	ug/l #	90
13) Acrolein	2.30	56	433	0.889	ug/l #	48
16) Acetone	2.42	43	1647	0.700	ug/l	95
18) Methyl Acetate	2.75	43	3040	0.535	ug/l #	75
20) Methylene Chloride	2.84	84	2675	Below Cal	#	75
25) 2-Butanone	4.65	43	1000	0.259	ug/l #	89
29) Tetrahydrofuran	5.10	42	799	0.325	ug/l #	34
31) Cyclohexane	5.54	56	41648	5.761	ug/l	97
36) 1,1-Dichloropropene	5.63	75	33216	5.139	ug/l #	53
38) Carbon Tetrachloride	5.62	117	45009	6.180	ug/l #	17
39) Methylcyclohexane	7.45	83	186443	26.382	ug/l	97
40) Benzene	6.12	78	25855	1.361	ug/l	96
45) 1,2-Dichloropropane	7.44	63	3126	0.611	ug/l #	1
48) Methyl methacrylate	7.71	41	16555	2.743	ug/l #	55
49) 1,4-Dioxane	7.73	88	291	2.662	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	9692	1.294	ug/l #	42
52) Toluene	8.77	92	315798	26.225	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	83620	16.282	ug/l #	19
56) Ethyl methacrylate	9.15	69	19267	2.524	ug/l #	1
59) 2-Hexanone	9.43	43	30418	5.341	ug/l #	33
67) Ethyl Benzene	10.24	91	661811	27.903	ug/l	98
68) m/p-Xylenes	10.34	106	753147	85.076	ug/l	96
69) o-Xylene	10.68	106	378384	44.092	ug/l	97
70) Styrene	10.68	104	20310	1.390	ug/l #	1
73) Isopropylbenzene	11.00	105	218326	8.880	ug/l	97
74) N-amyl acetate	10.90	43	34892	2.991	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	25976	2.995	ug/l #	26
76) 1,2,3-Trichloropropane	11.34	75	5680	0.685	ug/l #	1
78) n-propylbenzene	11.34	91	788686	28.251	ug/l	100
79) 2-Chlorotoluene	11.42	91	336344	19.501	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	709470	35.115	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	187921	61.210	ug/l #	14
82) 4-Chlorotoluene	11.49	91	80416	3.922	ug/l #	46

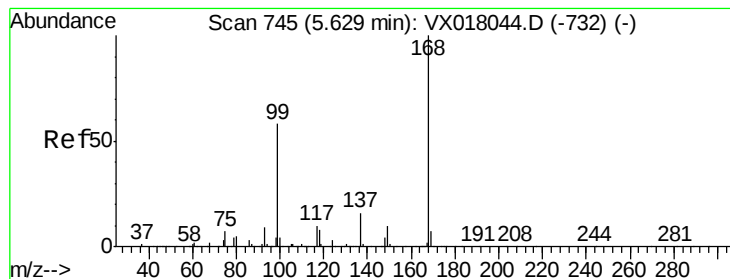
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018446.D
 Acq On : 16 Sep 2020 17:36
 Operator : JC/SP
 Sample : L4008-01 40X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40951

Quant Time: Sep 17 04:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.79	119	343941	17.250	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.79	105	2744644	132.870	ug/l	98
85) sec-Butylbenzene	11.93	105	316802	13.972	ug/l	86
86) p-Isopropyltoluene	12.05	119	178429	8.567	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	4105	0.344	ug/l #	1
89) n-Butylbenzene	12.37	91	627794	33.024	ug/l #	53
90) Hexachloroethane	12.57	117	56751	13.849	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.96	75	4674	2.155	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.63	180	1639	0.219	ug/l #	1
95) Naphthalene	13.82	128	437644	17.755	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	1979	0.267	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

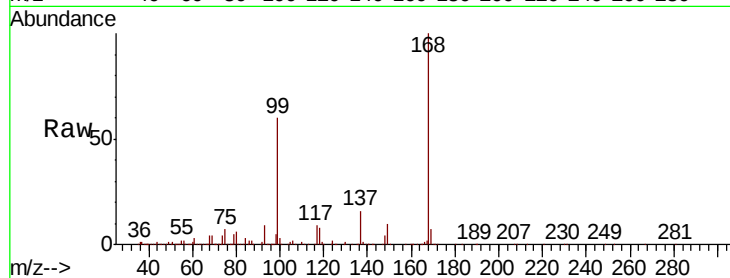
40951

Tot Ion:168 Resp: 435033

Ion Ratio Lower Upper

168 100

99 59.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

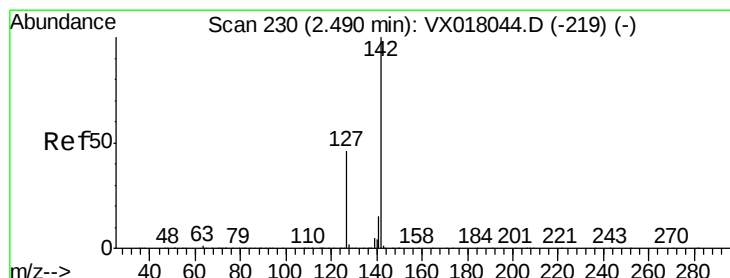
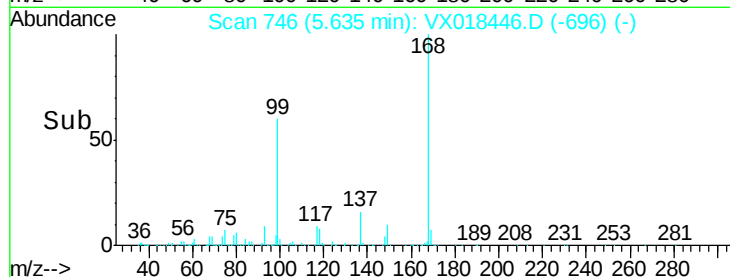
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 5.319 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

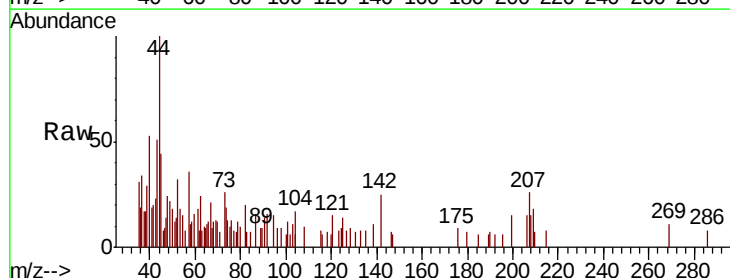
Tgt Ion:142 Resp: 161

Ion Ratio Lower Upper

142 100

127 122.4 37.0 55.6#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

300

250

200

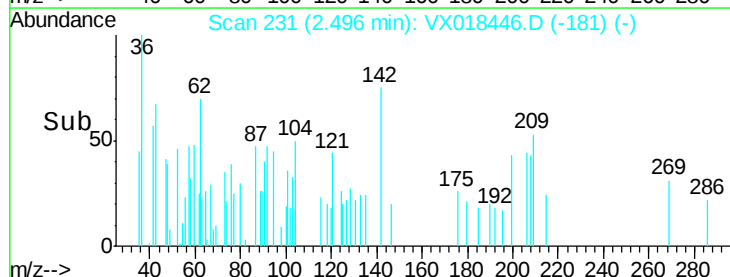
150

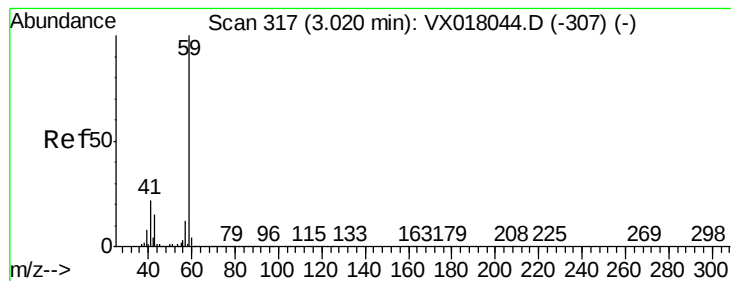
100

50

0

Time-->



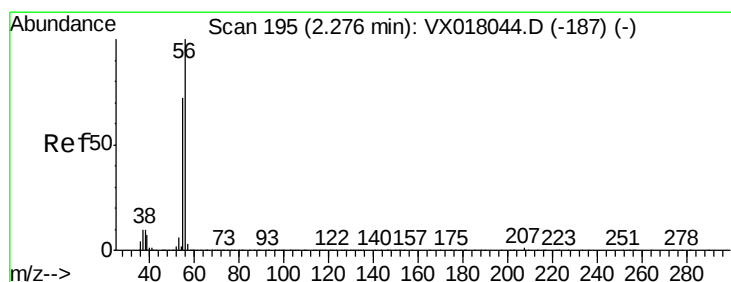
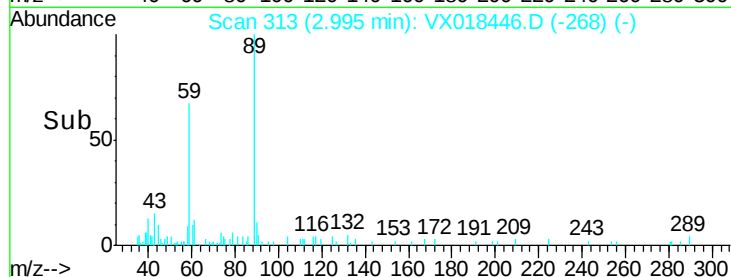
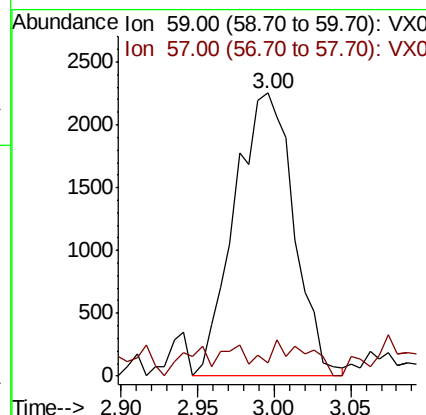
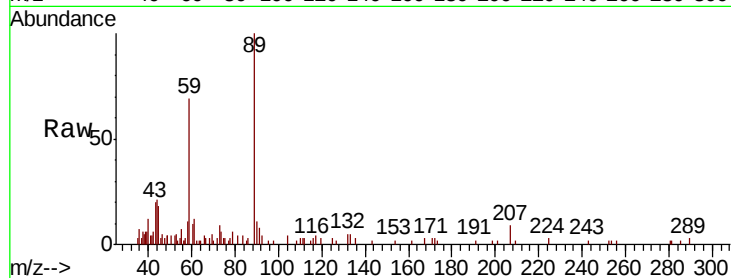


#11

Tert butyl alcohol
 Concen: 5.184 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 40951

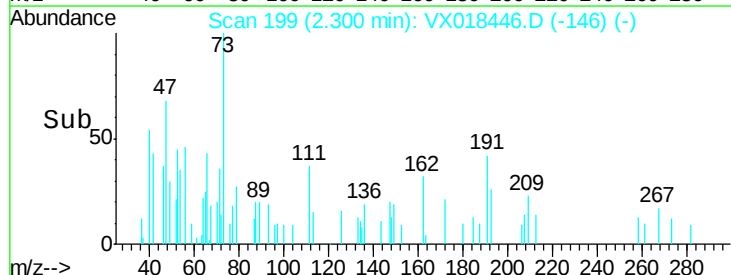
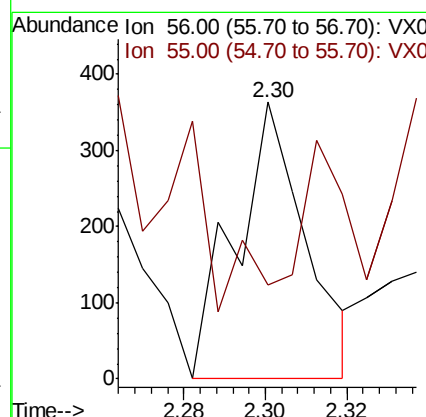
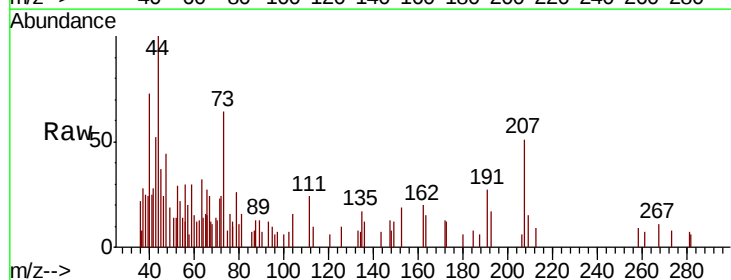
Tot Ion: 59 Resp: 6087
 Ion Ratio Lower Upper
 59 100
 57 7.3 8.9 13.3#

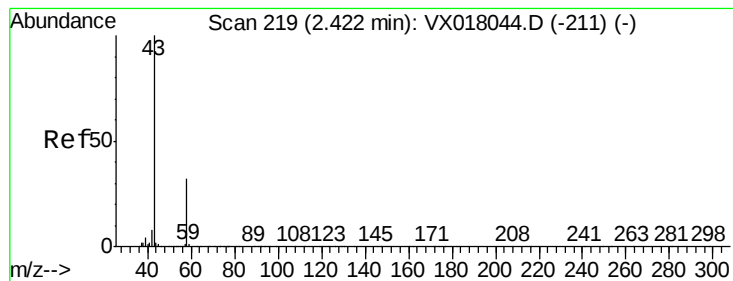


#13

Acrolein
 Concen: 0.889 ug/l
 RT: 2.30 min Scan# 199
 Delta R.T. 0.02 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Tgt Ion: 56 Resp: 433
 Ion Ratio Lower Upper
 56 100
 55 27.9 57.0 85.6#





#16

Acetone

Concen: 0.700 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

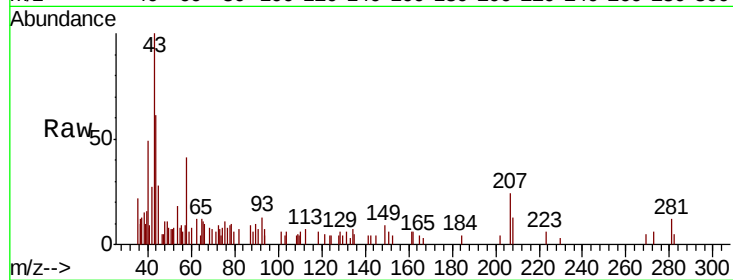
40951

Tot Ion: 43 Resp: 1647

Ion Ratio Lower Upper

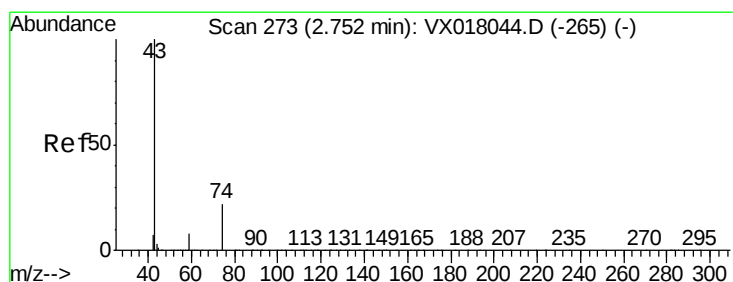
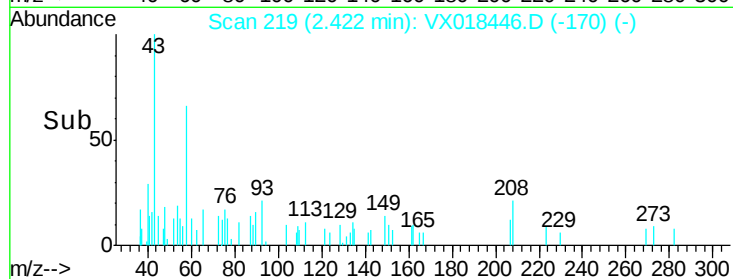
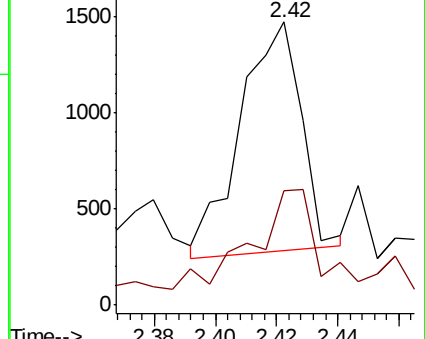
43 100

58 34.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.535 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018446.D

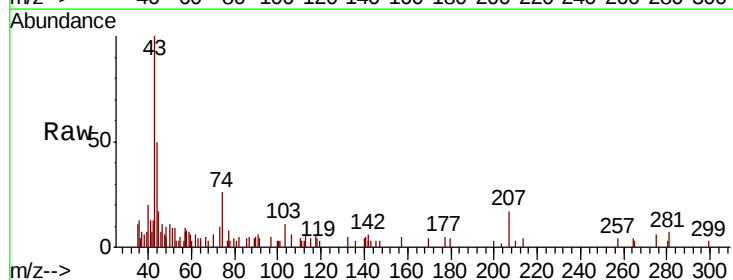
Acq: 16 Sep 2020 17:36

Tgt Ion: 43 Resp: 3040

Ion Ratio Lower Upper

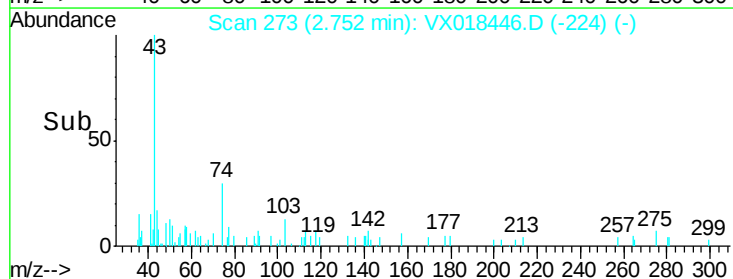
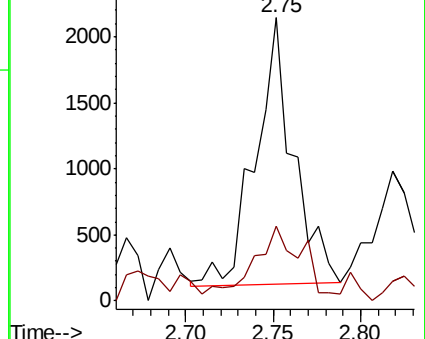
43 100

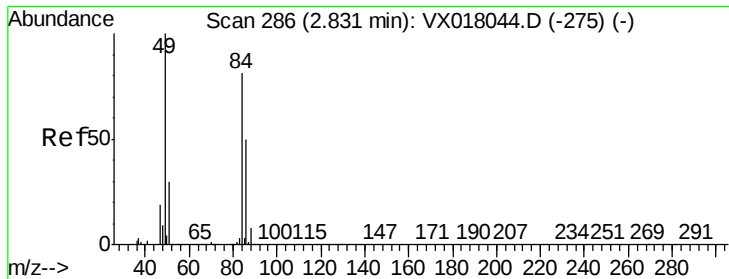
74 34.8 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

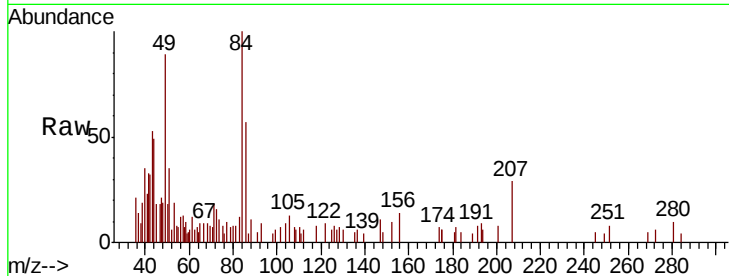




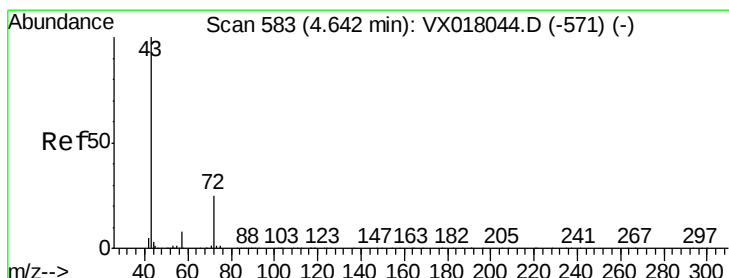
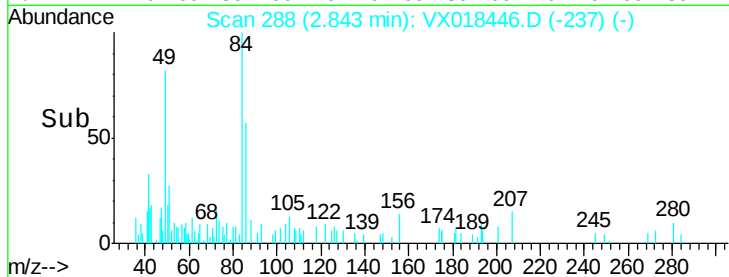
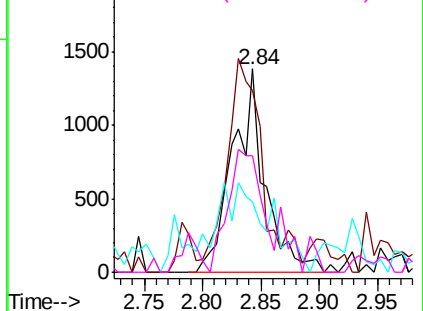
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
40951

Tot Ion:	84	Resp:	2675
Ion	Ratio	Lower	Upper
84	100		
49	83.1	98.6	148.0#
51	22.7	29.6	44.4#
86	57.2	49.8	74.6

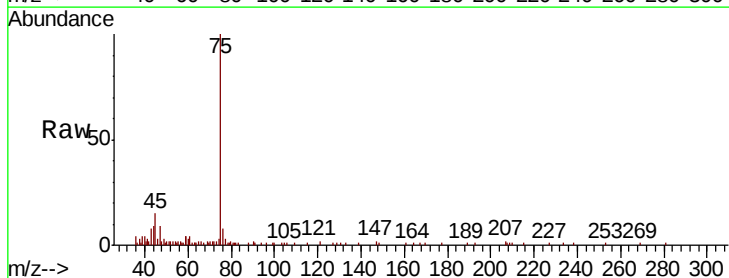


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

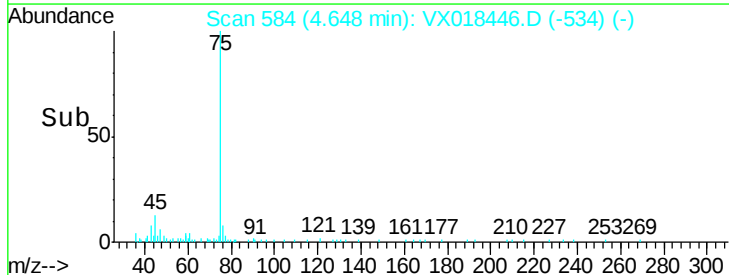
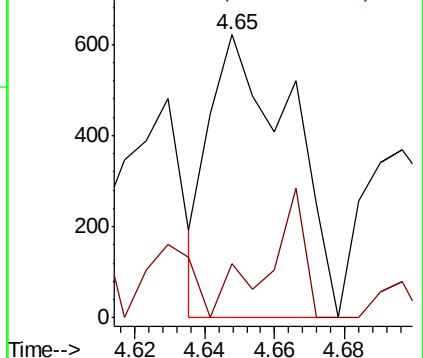


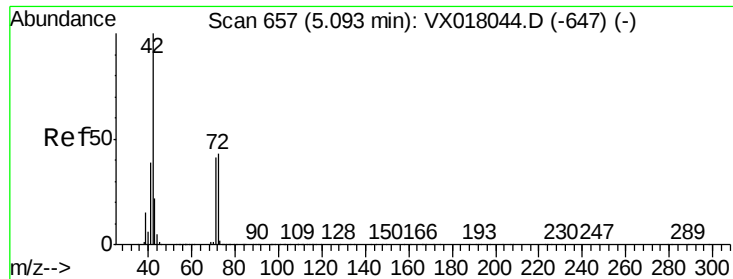
#25
2-Butanone
Concen: 0.259 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

Tgt Ion:	43	Resp:	1000
Ion	Ratio	Lower	Upper
43	100		
72	19.3	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

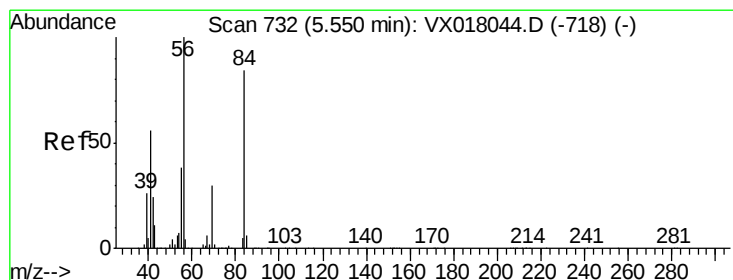
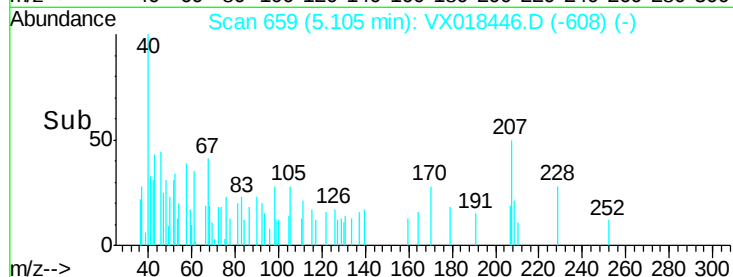
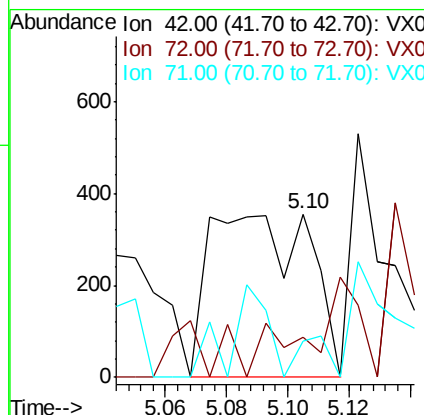
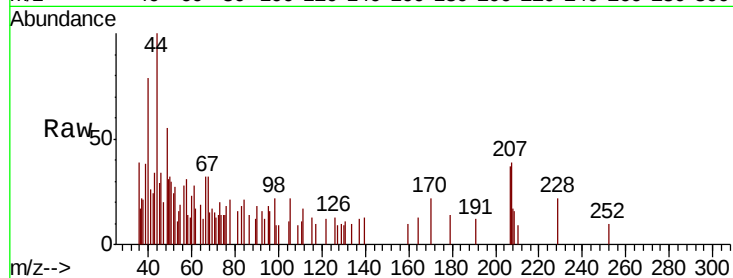




#29
Tetrahydrofuran
Concen: 0.325 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

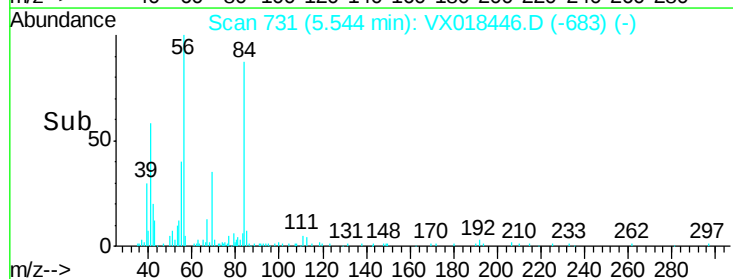
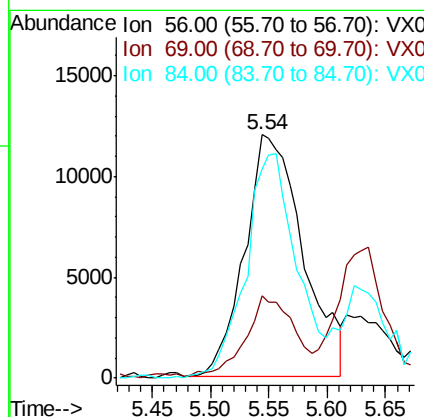
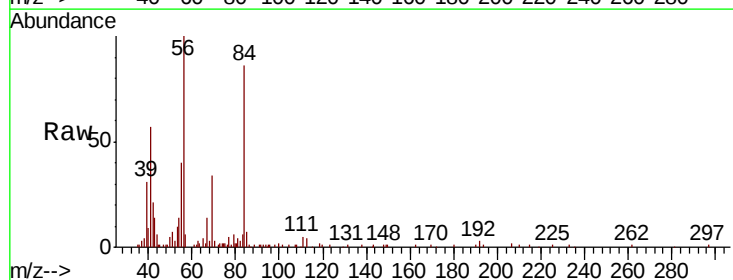
Instrument :
MSVOA_X
ClientSampleId :
40951

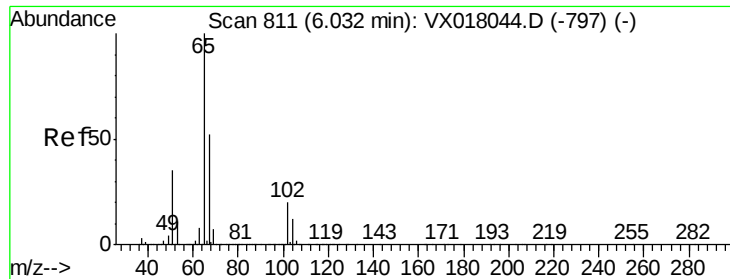
Tot Ion: 42 Resp: 799
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.1 48.1#



#31
Cyclohexane
Concen: 5.761 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

Tgt Ion: 56 Resp: 41648
Ion Ratio Lower Upper
56 100
69 33.4 23.9 35.9
84 85.4 67.0 100.4





#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

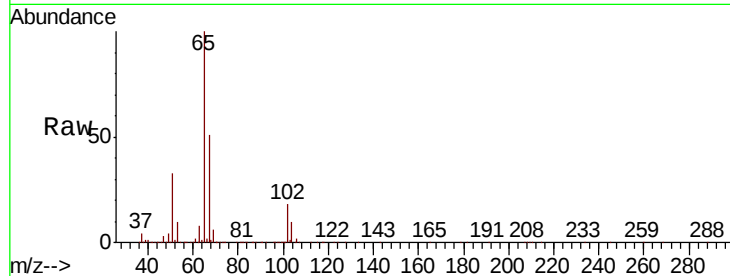
40951

Tot Ion: 65 Resp: 308763

Ion Ratio Lower Upper

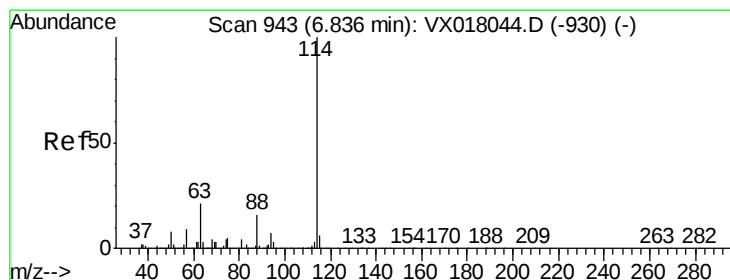
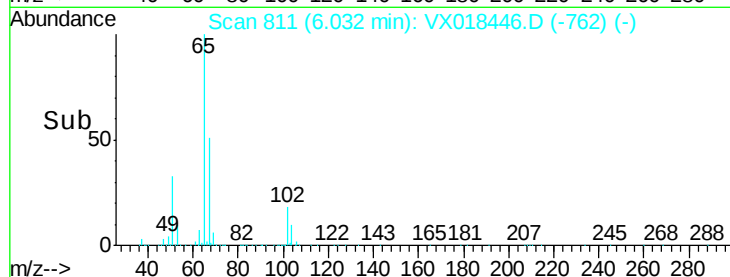
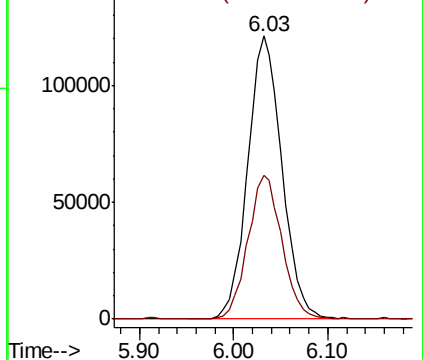
65 100

67 50.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

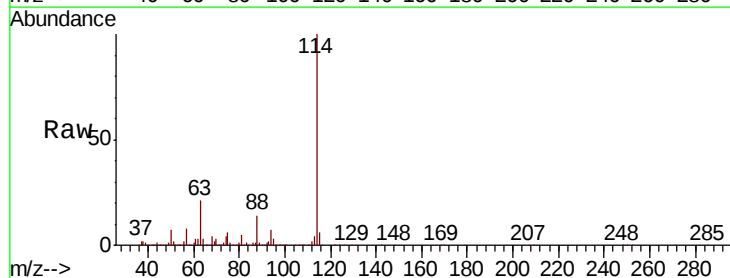
Tgt Ion: 114 Resp: 700708

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

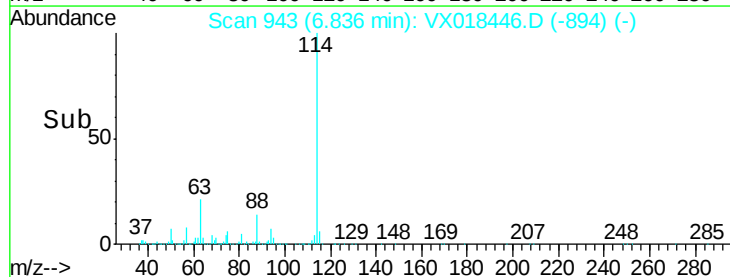
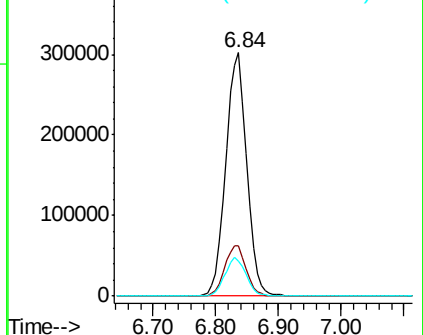
88 14.3 0.0 31.8

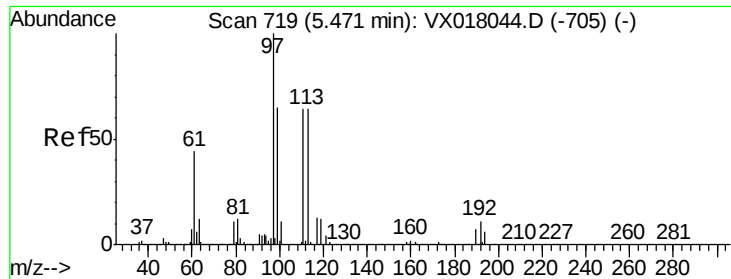


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

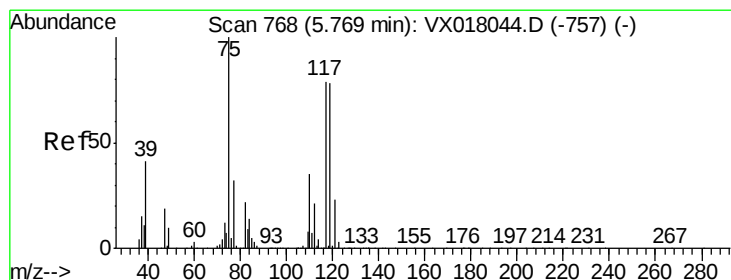
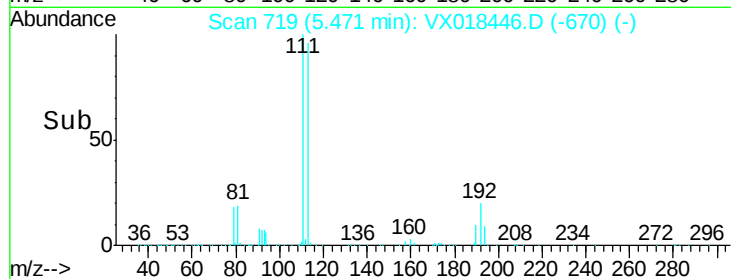
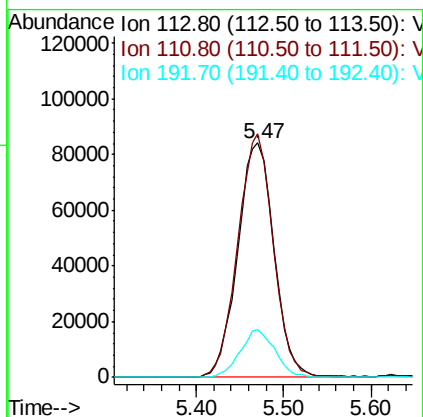
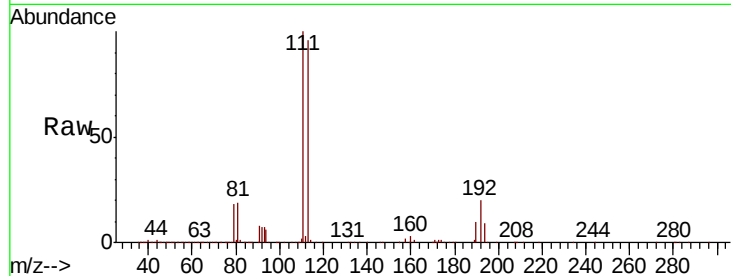




#35
 Dibromofluoromethane
 Concen: 50.957 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

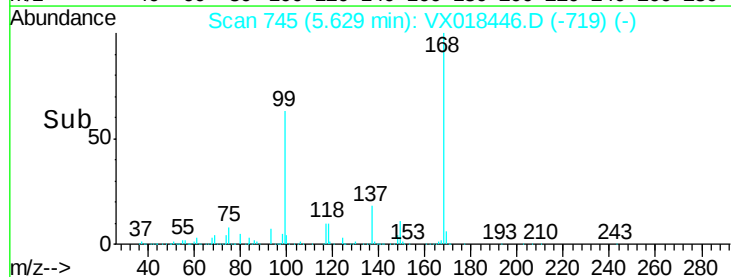
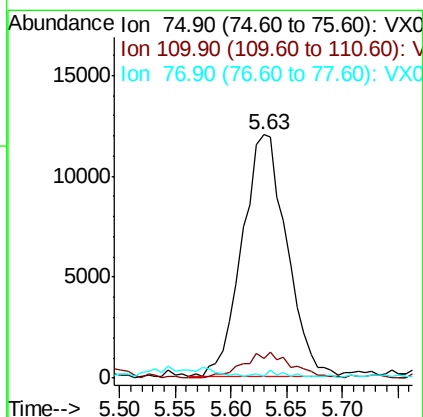
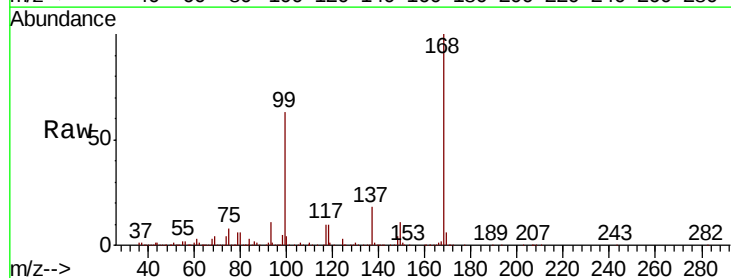
Instrument :
 MSVOA_X
 ClientSampleId :
 40951

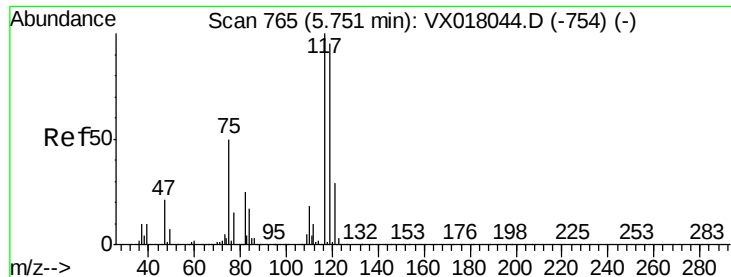
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	19.8	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.139 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.0	54.0#
77	1.3	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.180 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

40951

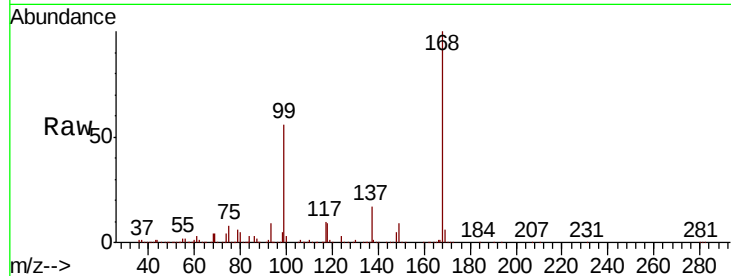
Tot Ion:117 Resp: 45009

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

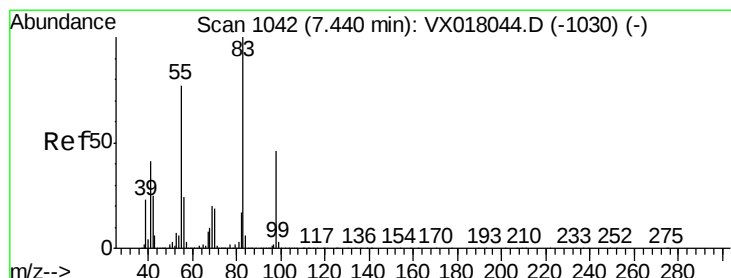
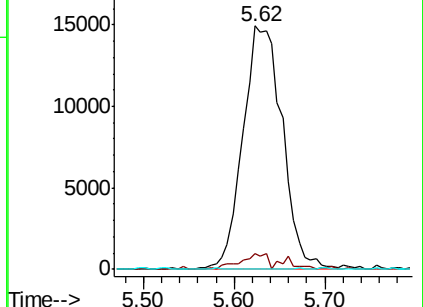
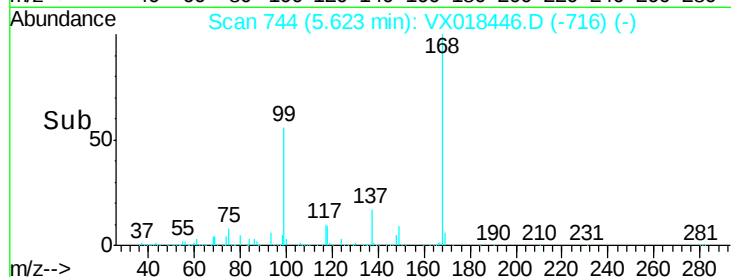
121 0.0 23.4 35.0#



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: 26.382 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

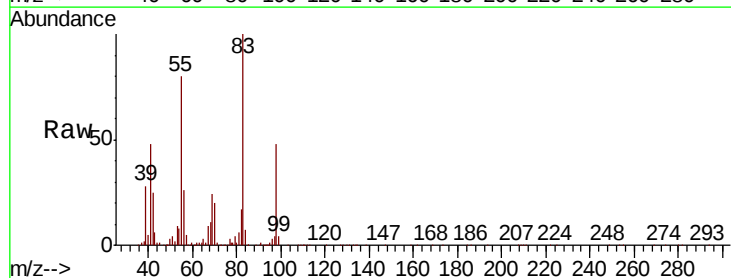
Tgt Ion: 83 Resp: 186443

Ion Ratio Lower Upper

83 100

55 79.3 61.8 92.6

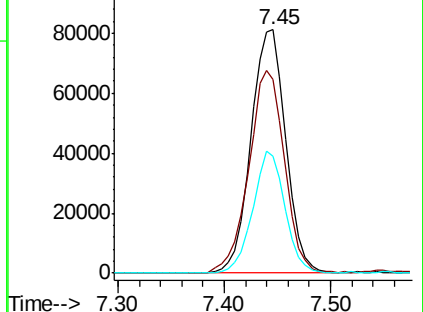
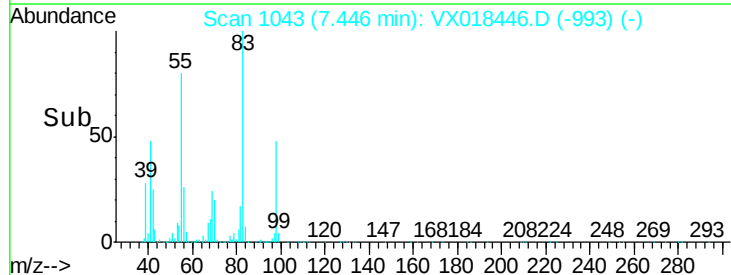
98 48.0 36.6 55.0

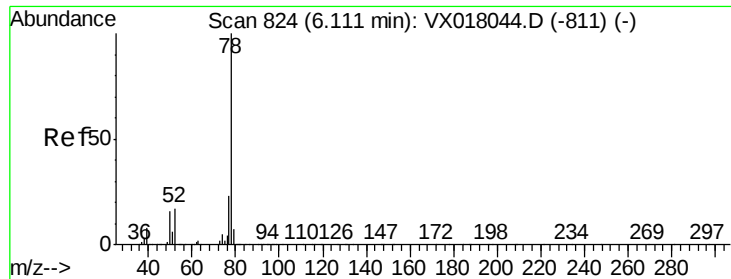


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.361 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

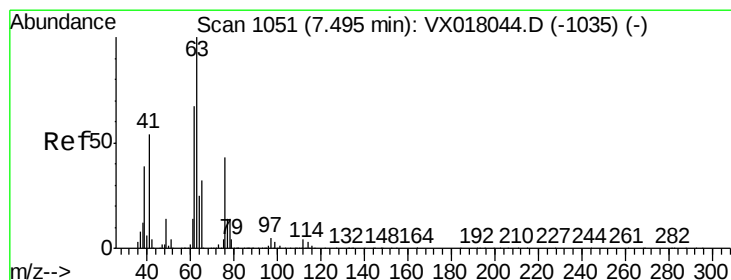
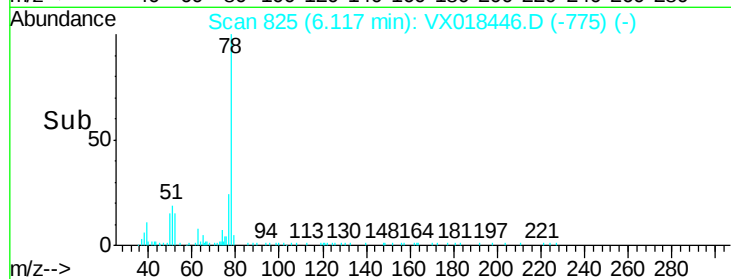
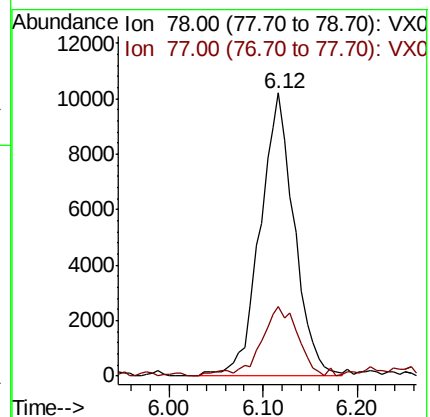
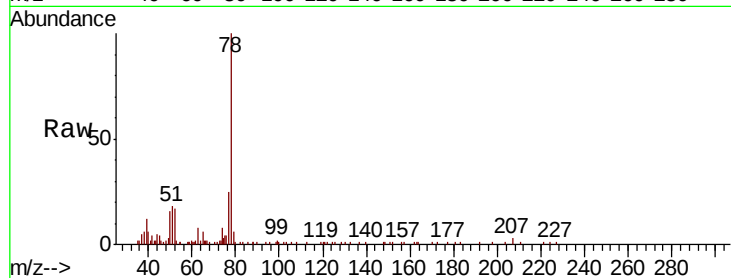
40951

Tot Ion: 78 Resp: 25855

Ion Ratio Lower Upper

78 100

77 24.8 18.2 27.2



#45

1,2-Dichloropropane

Concen: 0.611 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.05 min

Lab File: VX018446.D

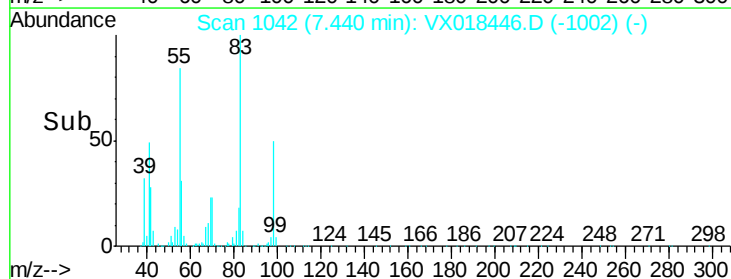
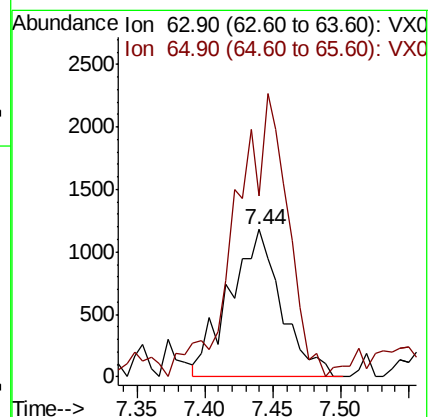
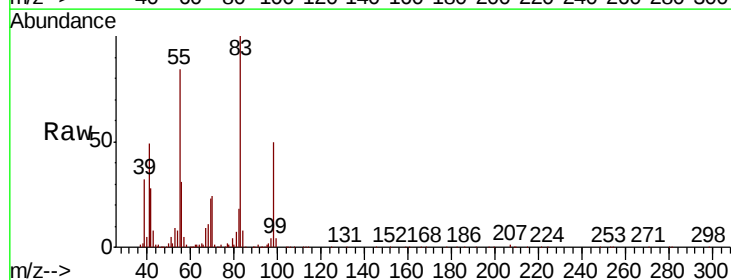
Acq: 16 Sep 2020 17:36

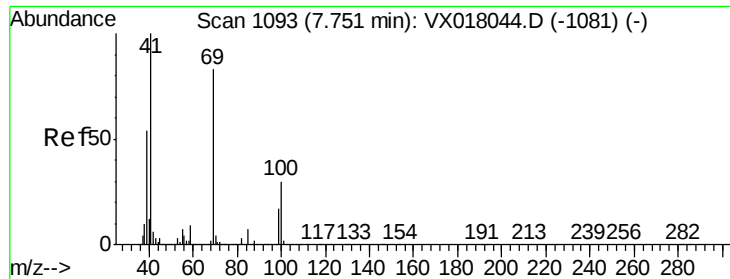
Tgt Ion: 63 Resp: 3126

Ion Ratio Lower Upper

63 100

65 115.3 25.7 38.5#

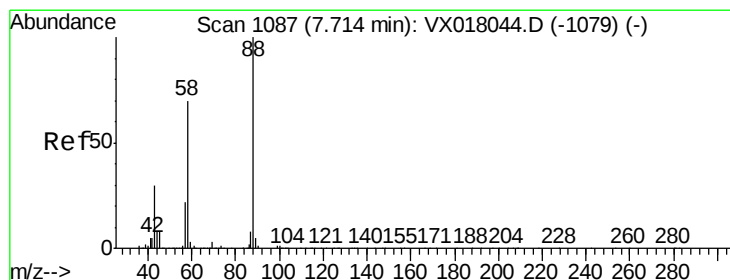
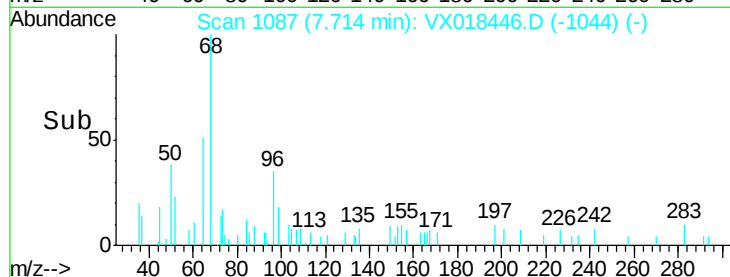
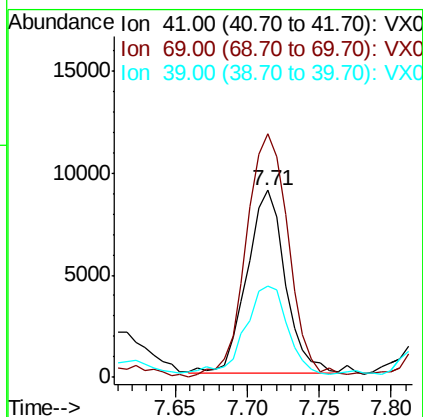
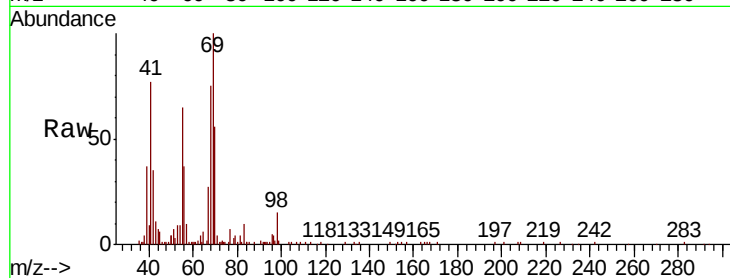




#48
Methvl methacrylate
Concen: 2.743 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.04 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

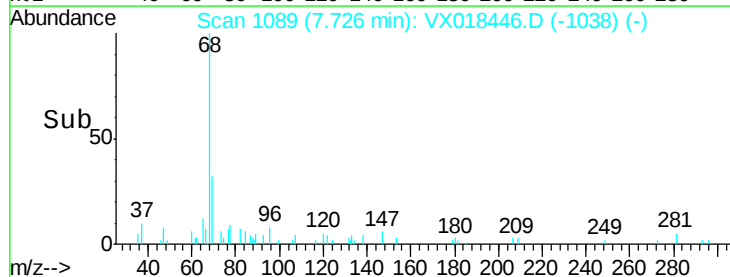
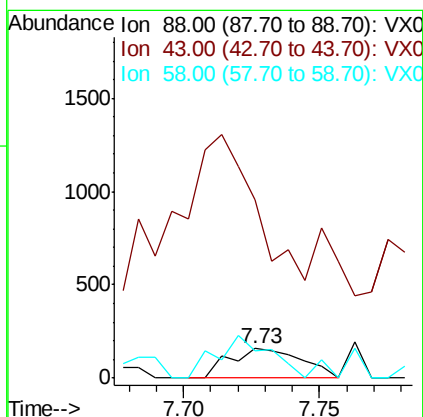
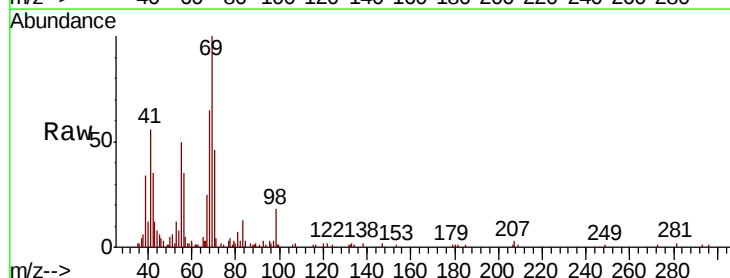
Instrument :
MSVOA_X
ClientSampleId :
40951

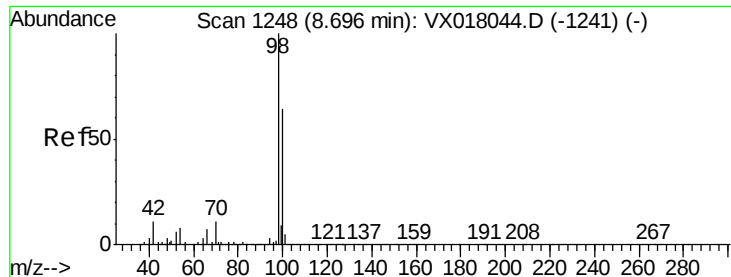
Tot Ion	Ratio	Lower	Upper
41	100		
69	147.4	65.5	98.3#
39	52.4	44.5	66.7



#49
1,4-Dioxane
Concen: 2.662 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
43	646.0	27.4	41.0#
58	107.2	56.4	84.6#





#50

Toluene-d8

Concen: 48.760 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

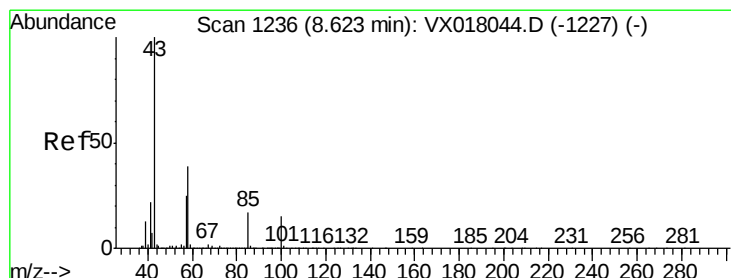
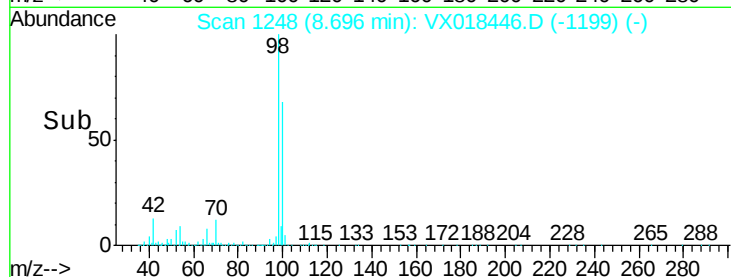
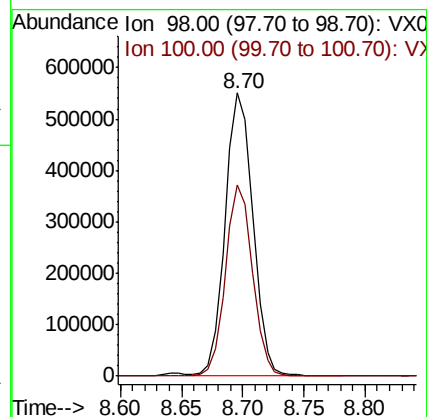
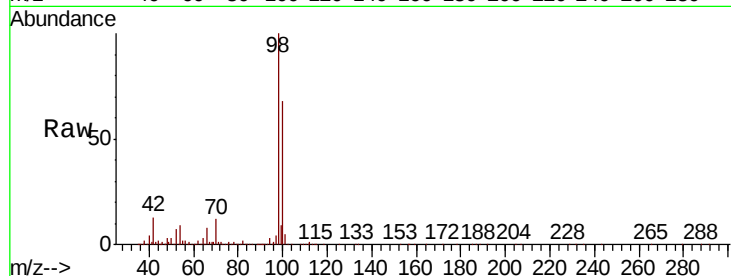
40951

Tot Ion: 98 Resp: 866665

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.294 ug/l

RT: 8.65 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VX018446.D

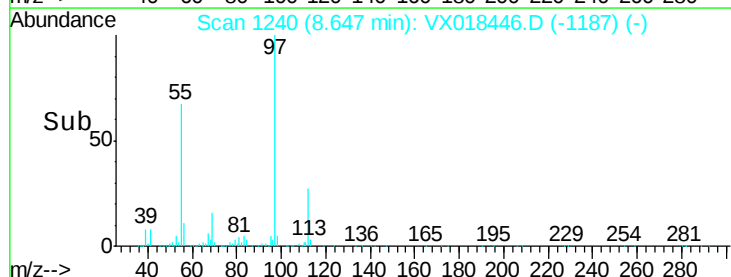
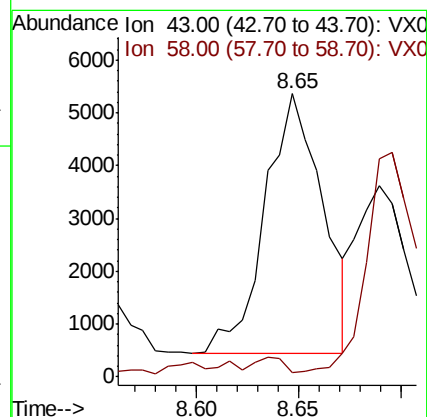
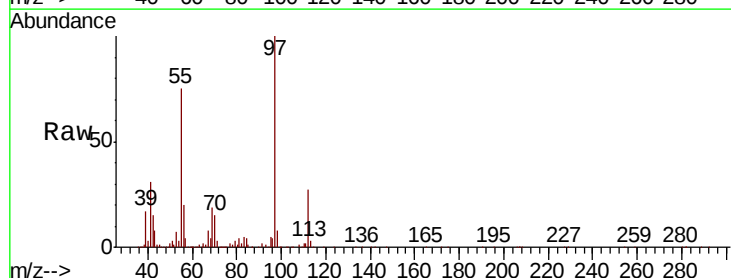
Acq: 16 Sep 2020 17:36

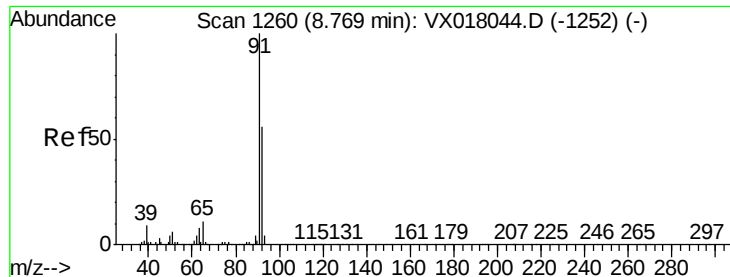
Tgt Ion: 43 Resp: 9692

Ion Ratio Lower Upper

43 100

58 3.0 30.7 46.1#





#52

Toluene

Concen: 26.225 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

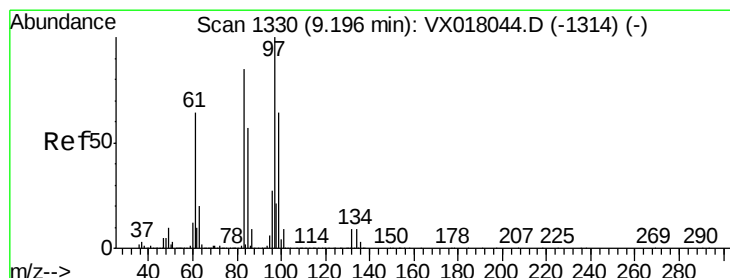
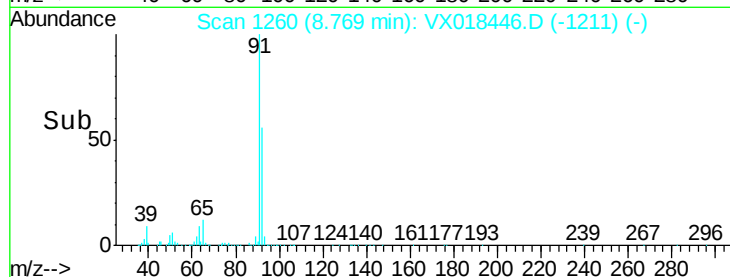
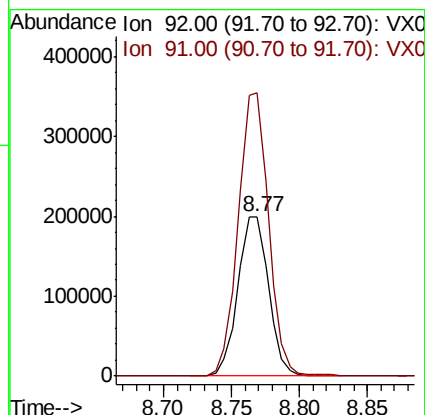
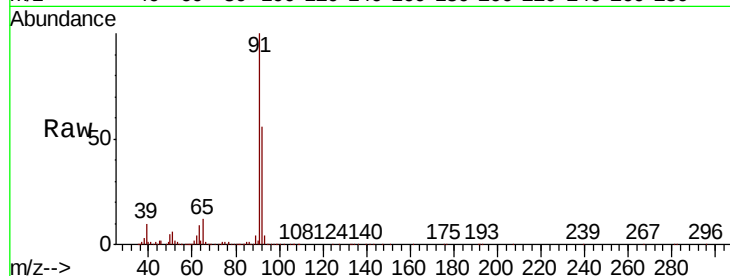
40951

Tot Ion: 92 Resp: 315798

Ion Ratio Lower Upper

92 100

91 174.6 140.3 210.5



#55

1,1,2-Trichloroethane

Concen: 16.282 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Tgt Ion: 97 Resp: 83620

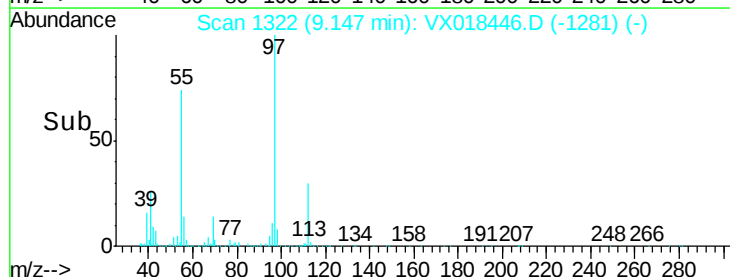
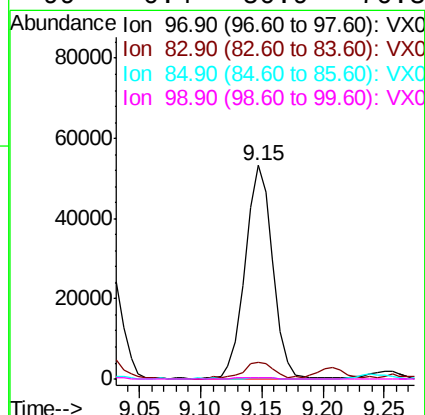
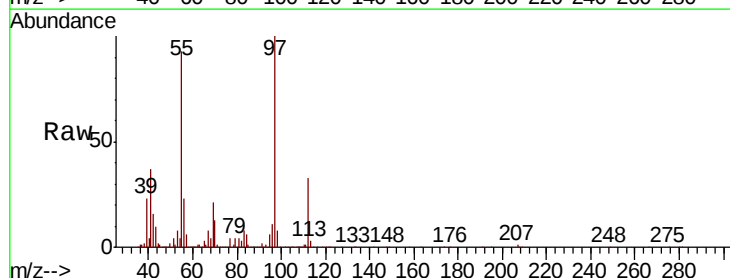
Ion Ratio Lower Upper

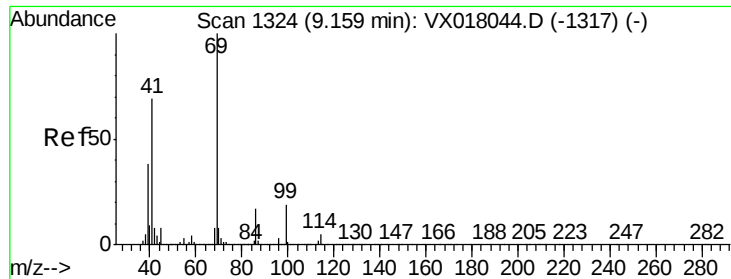
97 100

83 7.6 67.8 101.6#

85 0.4 45.3 67.9#

99 0.4 50.9 76.3#





#56

Ethyl methacrylate

Concen: 2.524 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampled :

40951

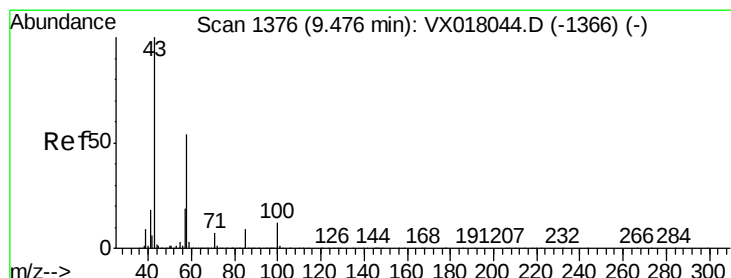
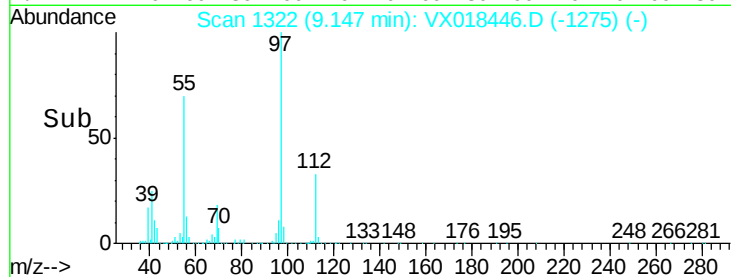
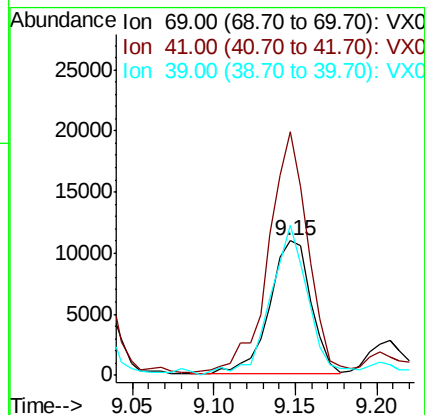
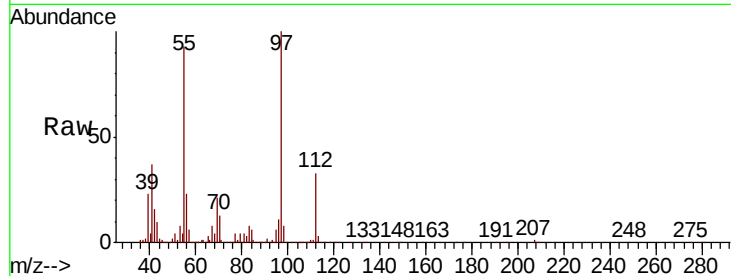
Tot Ion: 69 Resp: 19267

Ion Ratio Lower Upper

69 100

41 168.1 54.6 81.8#

39 101.9 29.1 43.7#



#59

2-Hexanone

Concen: 5.341 ug/l

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018446.D

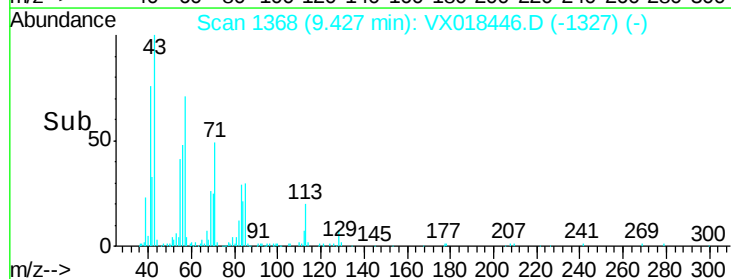
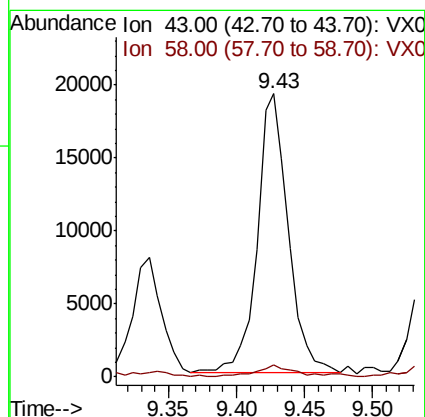
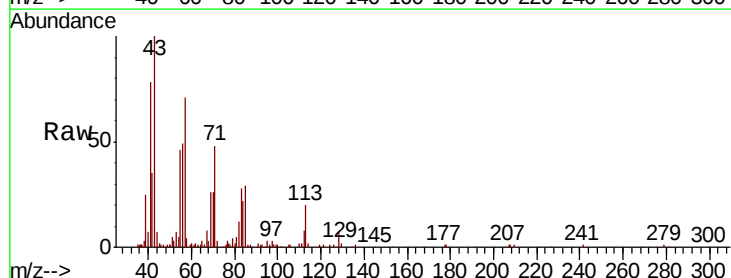
Acq: 16 Sep 2020 17:36

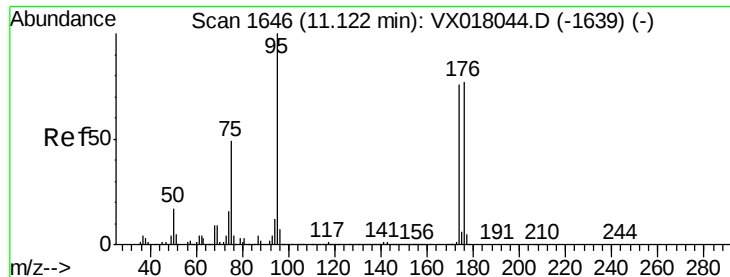
Tgt Ion: 43 Resp: 30418

Ion Ratio Lower Upper

43 100

58 5.4 26.6 79.7#





#62

4-Bromofluorobenzene

Concen: 51.931 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

40951

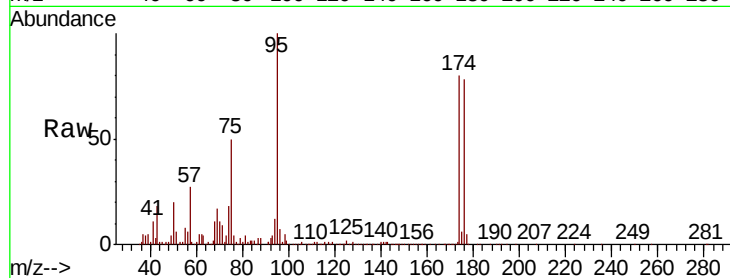
Tot Ion: 95 Resp: 363157

Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.2

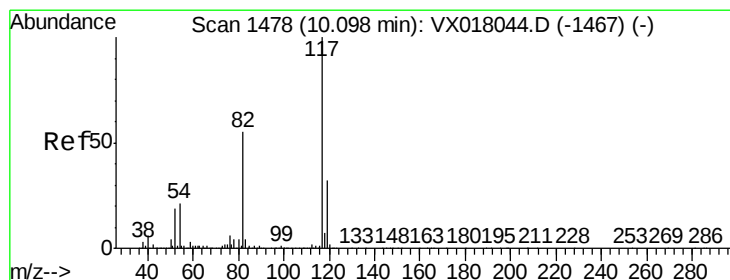
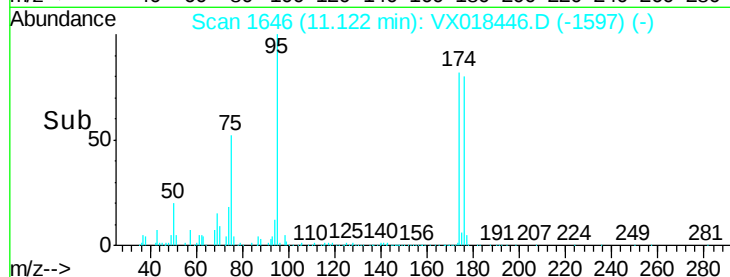
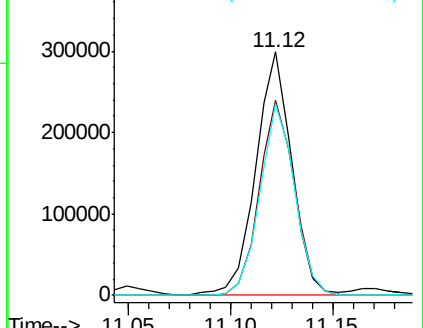
176 76.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

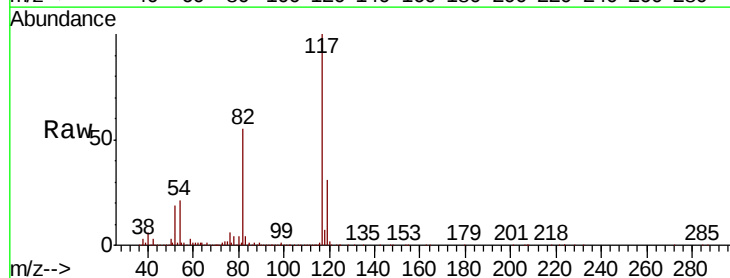
Tgt Ion: 117 Resp: 698313

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

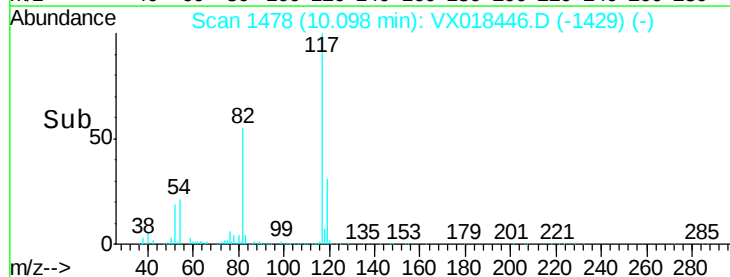
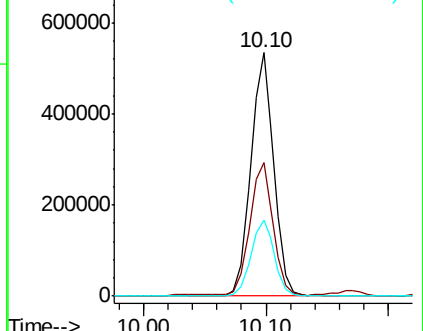
119 31.1 25.7 38.5

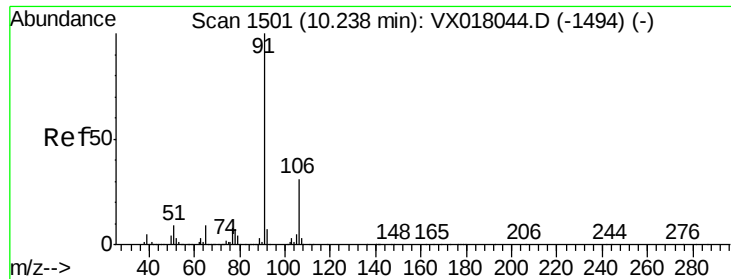


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 27.903 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

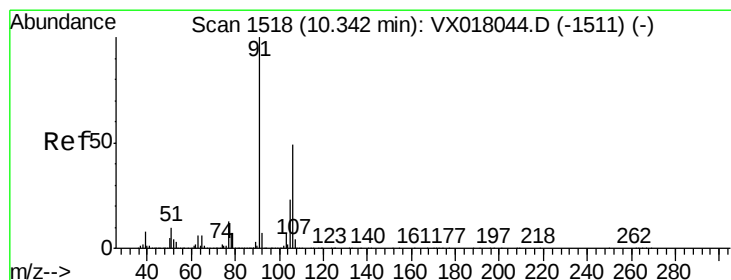
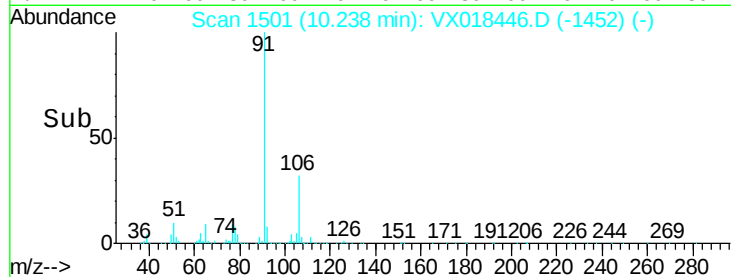
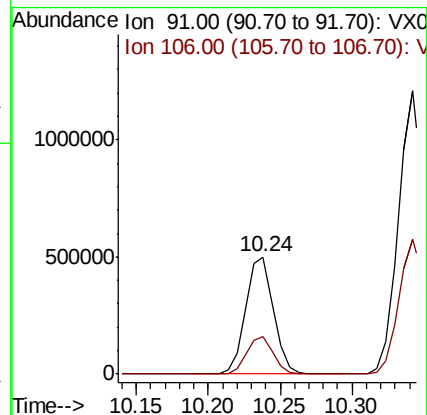
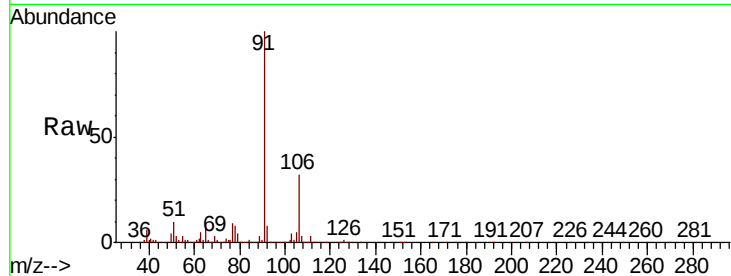
40951

Tot Ion: 91 Resp: 661811

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3



#68

m/p-Xylenes

Concen: 85.076 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018446.D

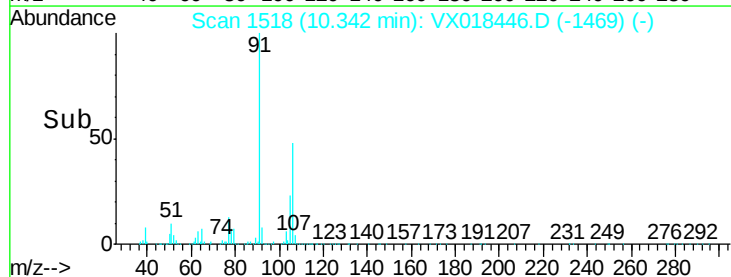
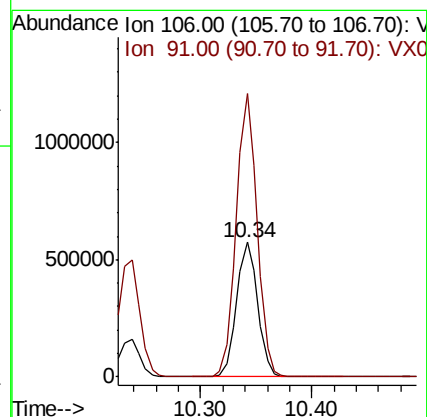
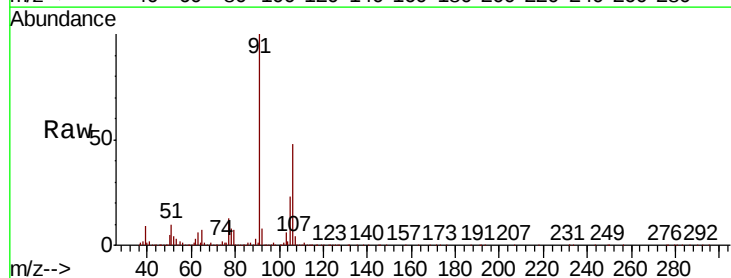
Acq: 16 Sep 2020 17:36

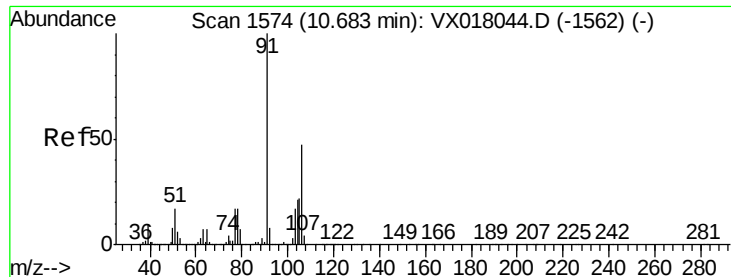
Tgt Ion: 106 Resp: 753147

Ion Ratio Lower Upper

106 100

91 208.1 162.2 243.2

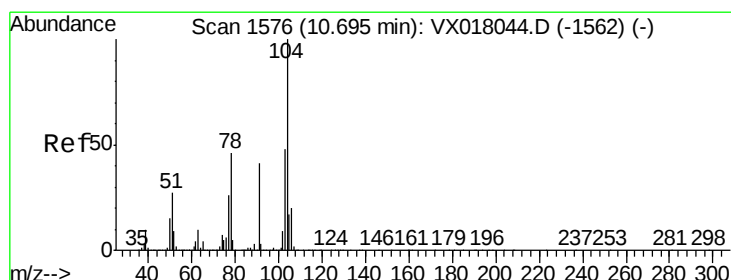
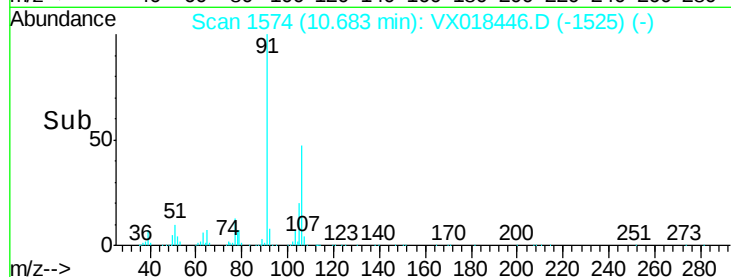
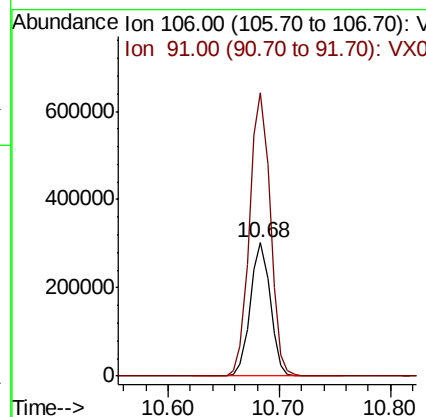
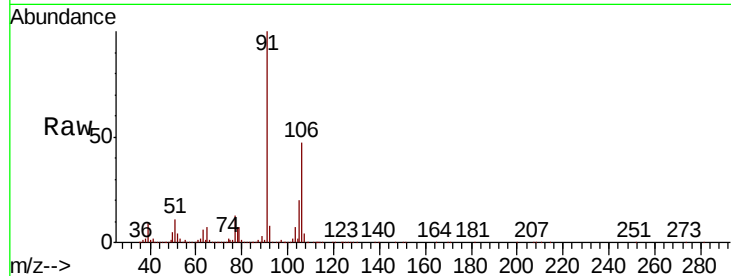




#69
o-Xylene
Concen: 44.092 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

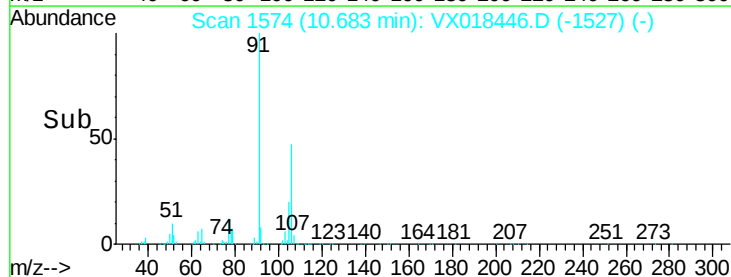
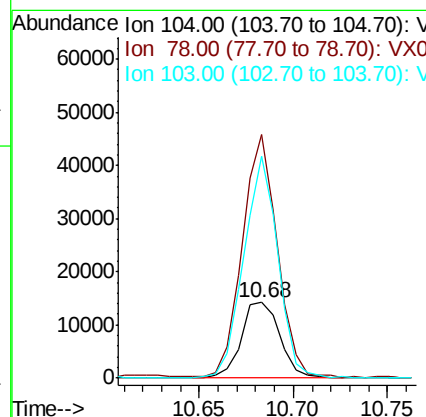
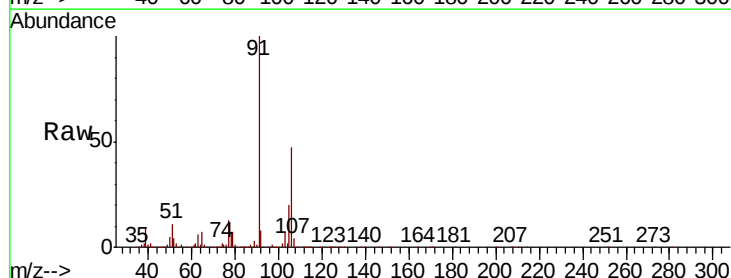
Instrument :
MSVOA_X
ClientSampleId :
40951

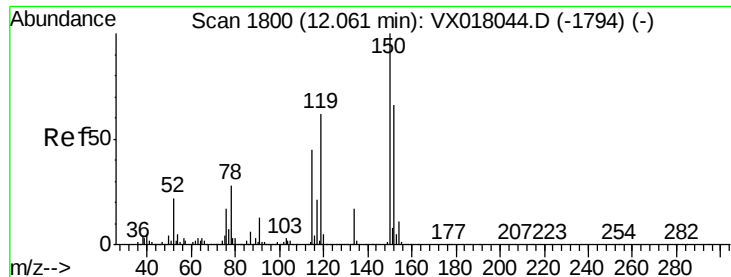
Tot Ion:106 Resp: 378384
Ion Ratio Lower Upper
106 100
91 219.1 107.1 321.3



#70
Styrene
Concen: 1.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018446.D
Acq: 16 Sep 2020 17:36

Tgt Ion:104 Resp: 20310
Ion Ratio Lower Upper
104 100
78 291.4 40.9 61.3#
103 259.0 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampled :

40951

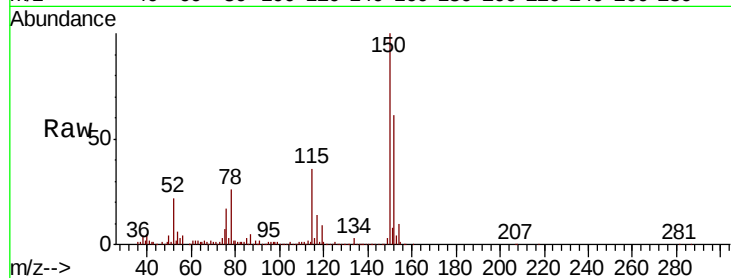
Tot Ion:152 Resp: 372746

Ion Ratio Lower Upper

152 100

115 62.4 41.5 124.5

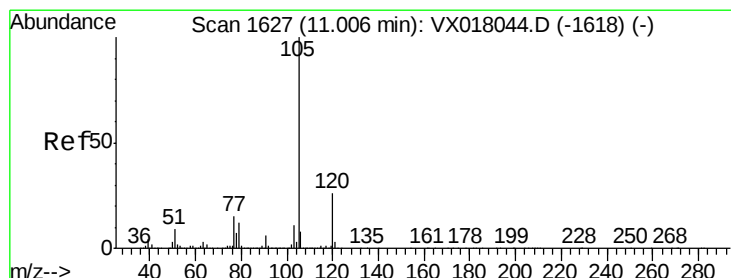
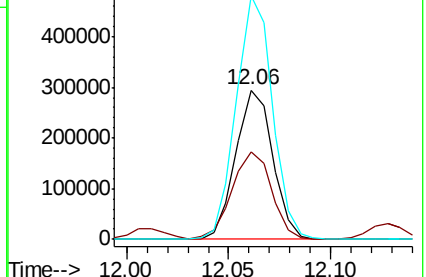
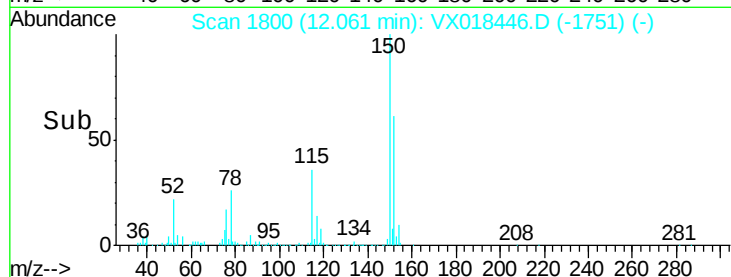
150 158.8 0.0 343.8



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: 8.880 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018446.D

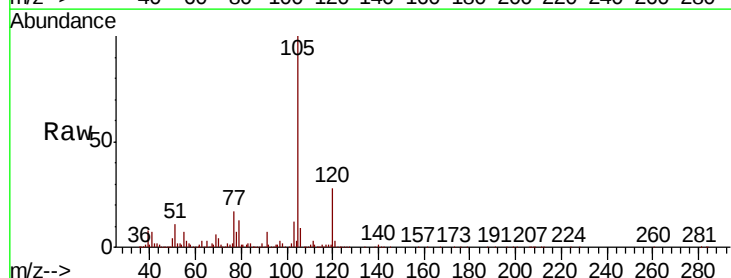
Acq: 16 Sep 2020 17:36

Tgt Ion:105 Resp: 218326

Ion Ratio Lower Upper

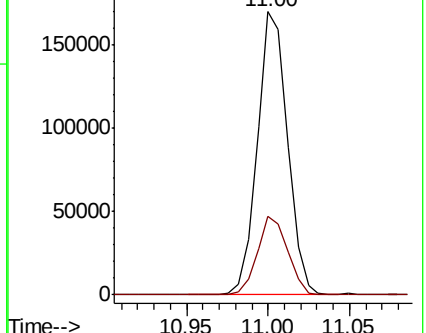
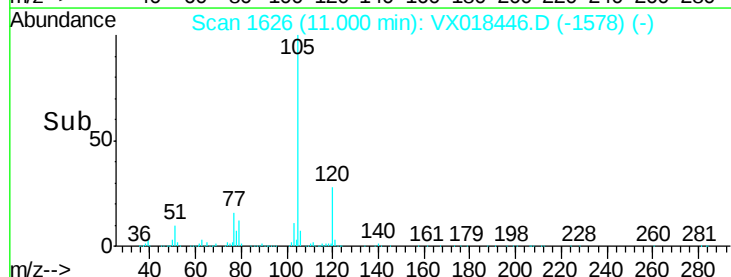
105 100

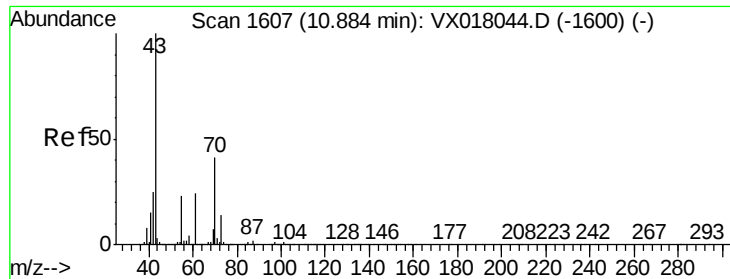
120 28.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.991 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

40951

Tot Ion: 43 Resp: 34892

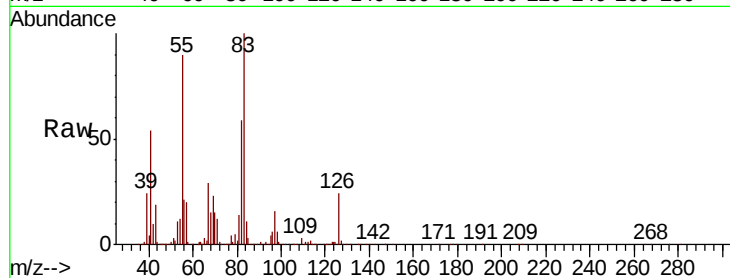
Ion Ratio Lower Upper

43 100

70 150.2 32.3 48.5#

55 531.7 18.2 27.2#

61 0.0 18.9 28.3#

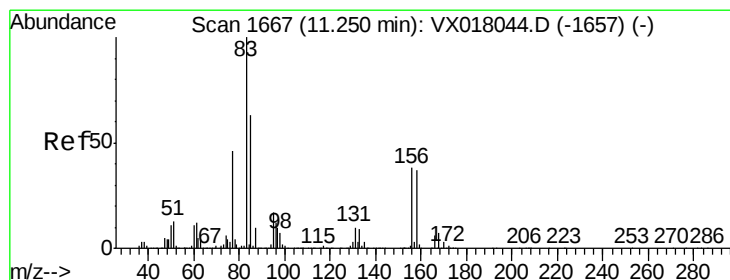
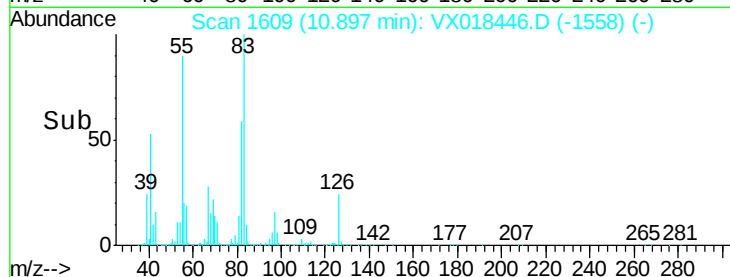
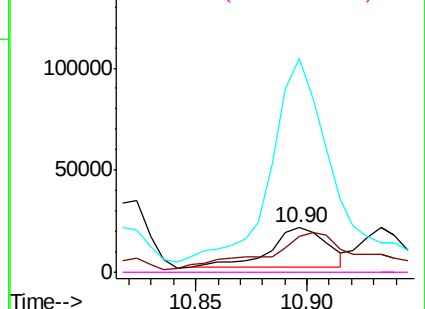


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.995 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

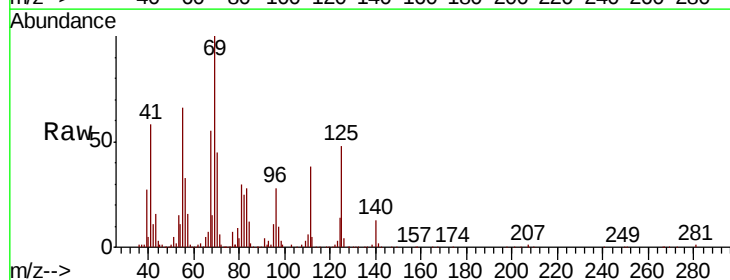
Tgt Ion: 83 Resp: 25976

Ion Ratio Lower Upper

83 100

131 0.2 5.1 15.4#

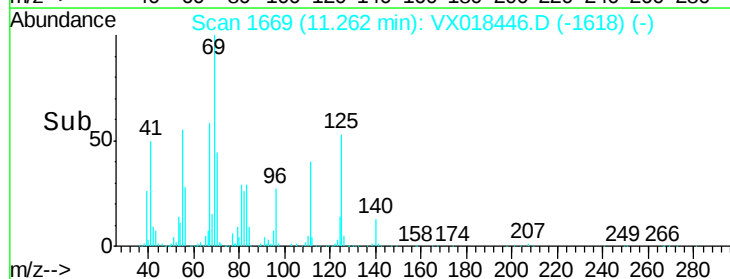
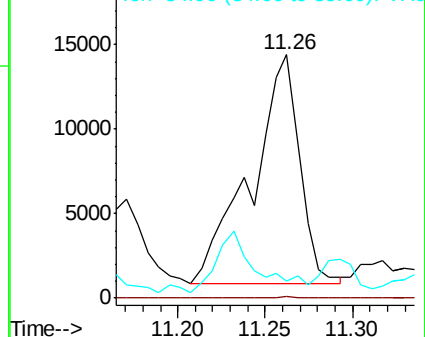
85 0.0 32.2 96.6#

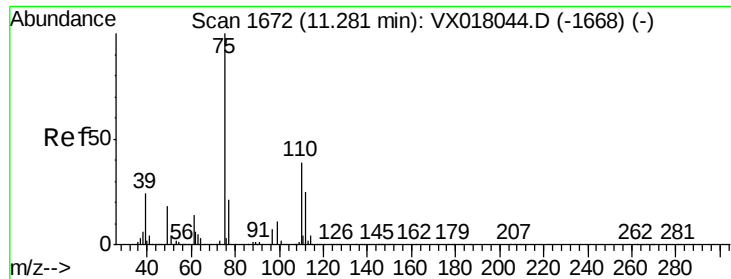


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

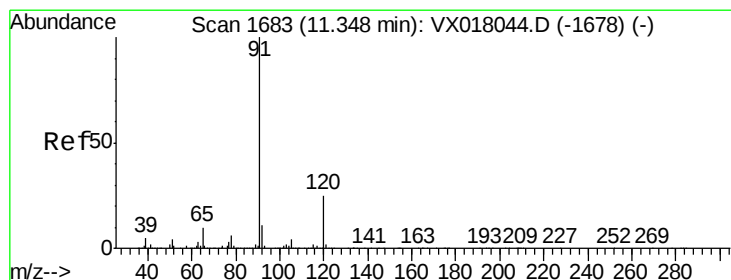
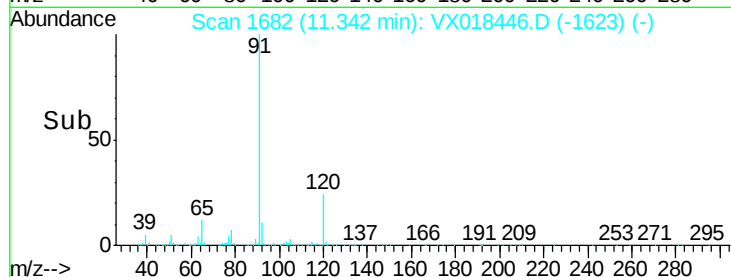
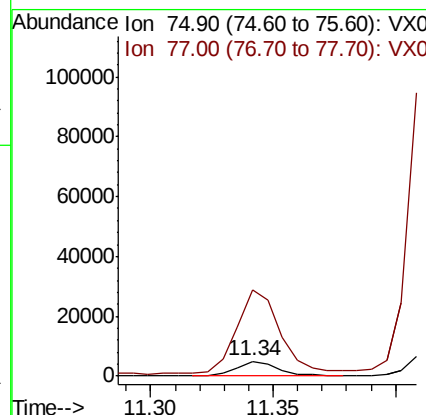
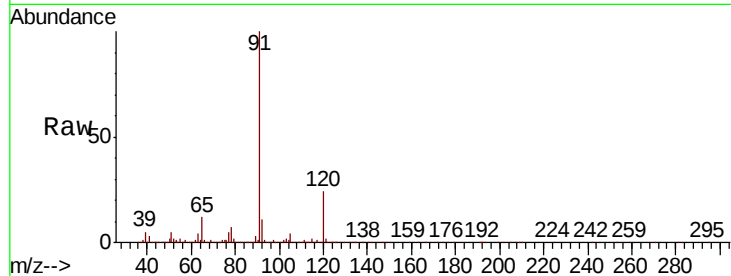




#76
 1,2,3-Trichloropropane
 Concen: 0.685 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. 0.06 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

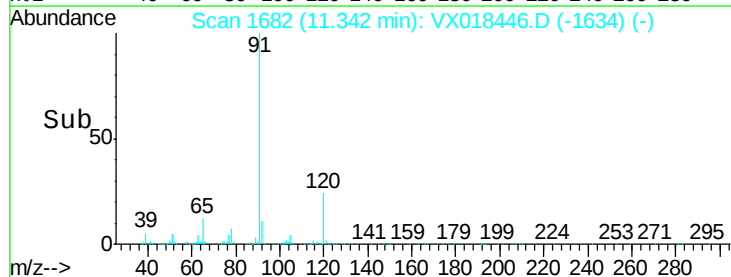
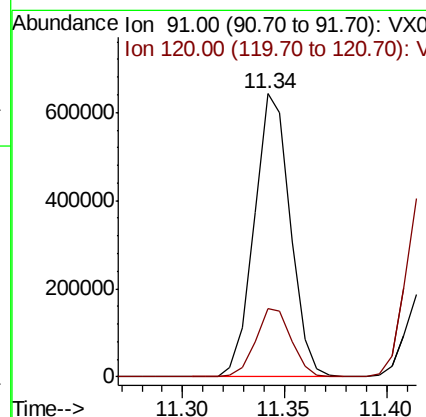
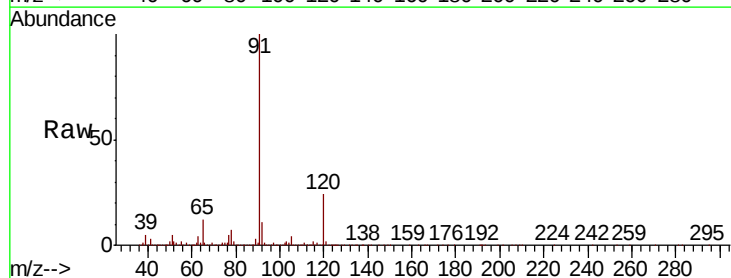
Instrument :
 MSVOA_X
 ClientSampled :
 40951

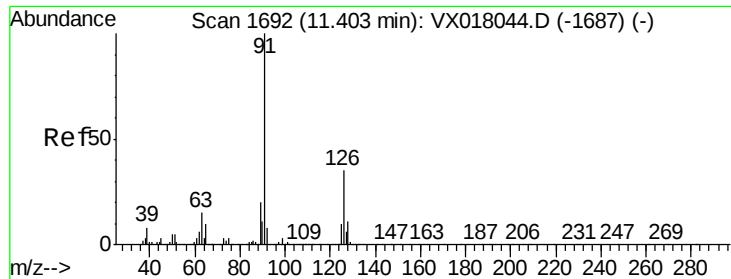
Tot Ion: 75 Resp: 5680
 Ion Ratio Lower Upper
 75 100
 77 633.5 20.8 62.2#



#78
 n-propylbenzene
 Concen: 28.251 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Tgt Ion: 91 Resp: 788686
 Ion Ratio Lower Upper
 91 100
 120 24.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 19.501 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

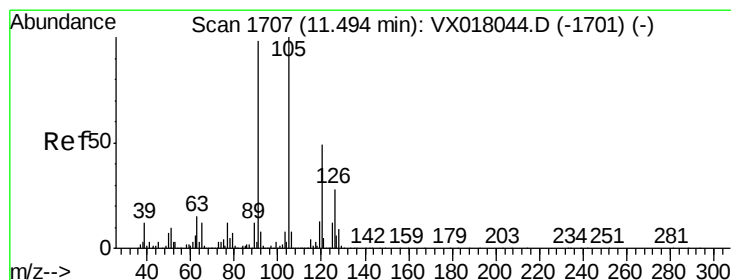
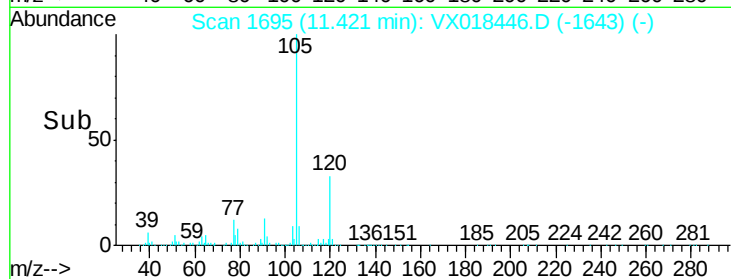
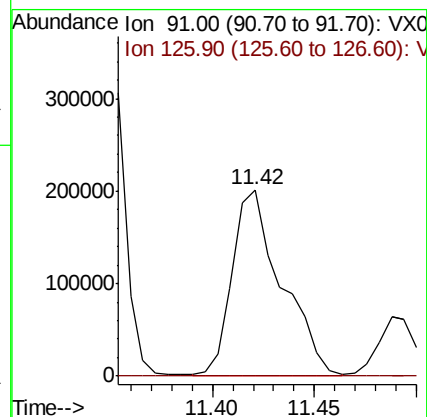
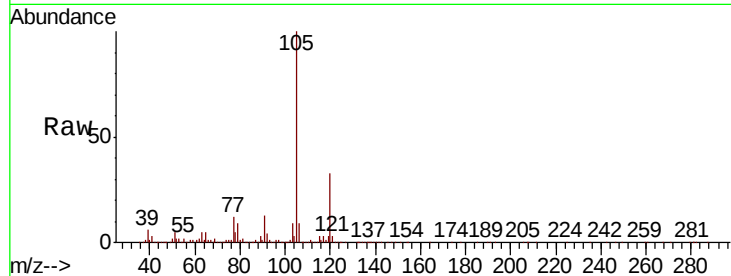
40951

Tot Ion: 91 Resp: 336344

Ion Ratio Lower Upper

91 100

126 0.2 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 35.115 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018446.D

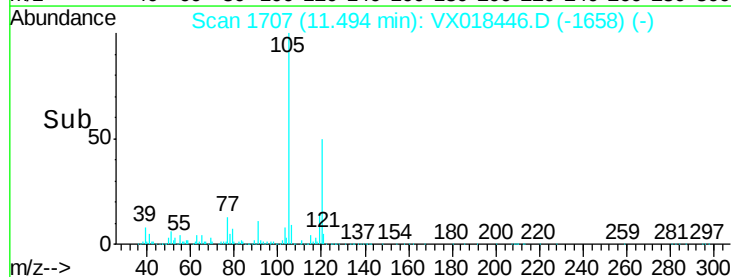
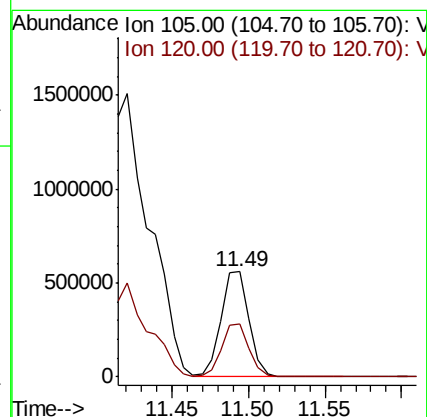
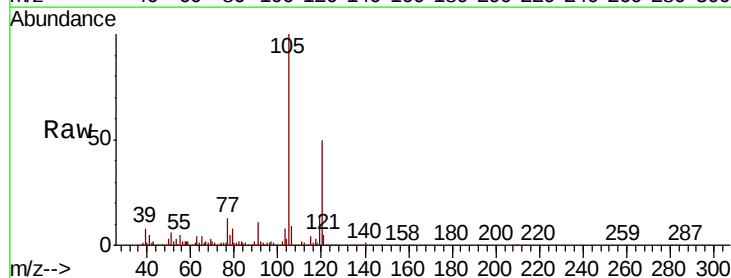
Acq: 16 Sep 2020 17:36

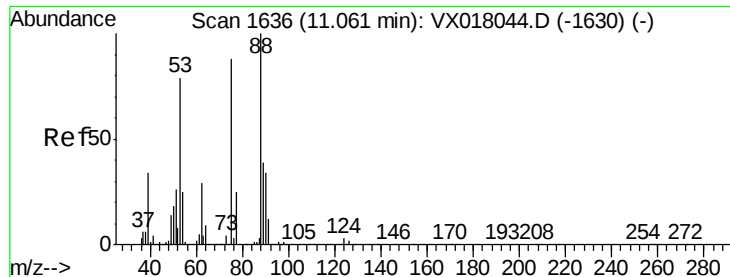
Tgt Ion: 105 Resp: 709470

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 61.210 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

40951

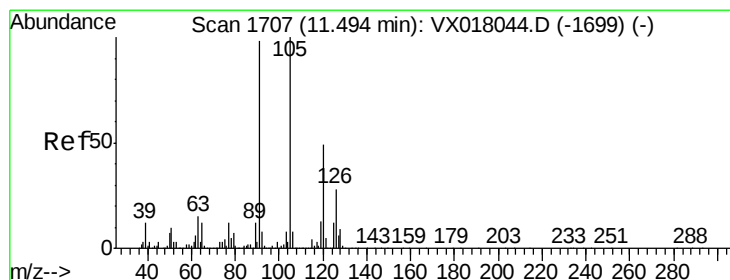
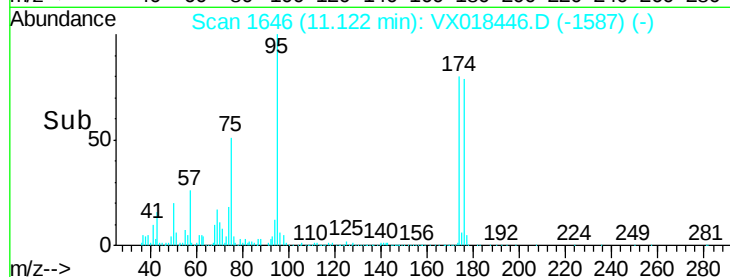
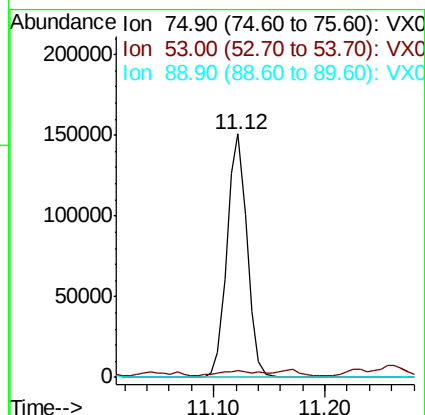
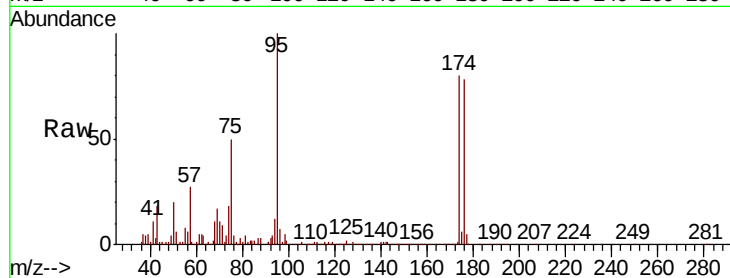
Tot Ion: 75 Resp: 187921

Ion Ratio Lower Upper

75 100

53 3.1 74.7 112.1#

89 0.0 36.6 54.8#



#82

4-Chlorotoluene

Concen: 3.922 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018446.D

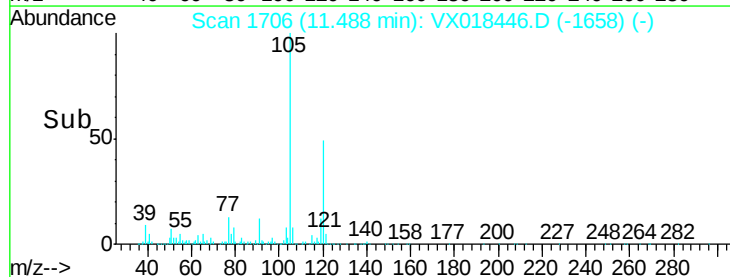
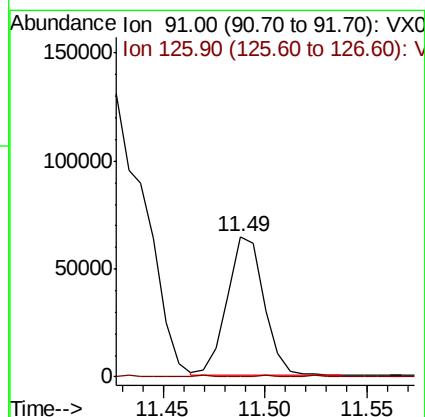
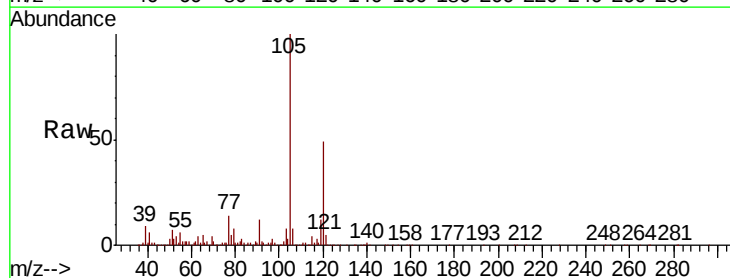
Acq: 16 Sep 2020 17:36

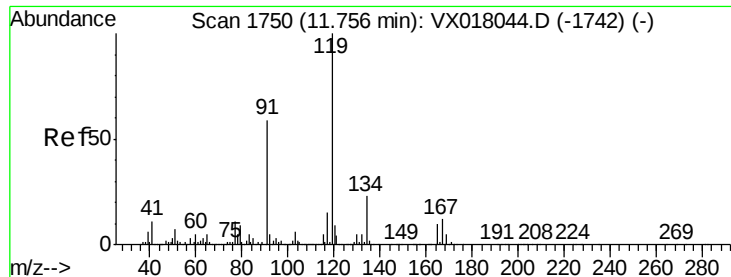
Tgt Ion: 91 Resp: 80416

Ion Ratio Lower Upper

91 100

126 1.0 15.1 45.3#





#83

tert-Butylbenzene

Concen: 17.250 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

40951

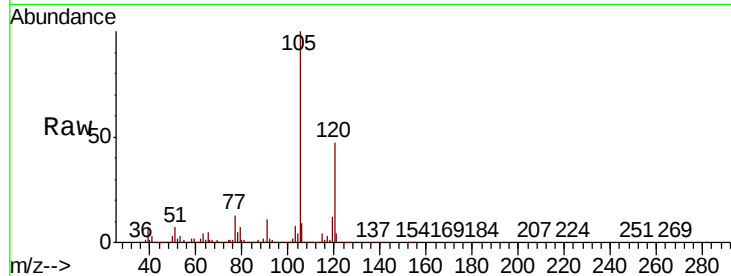
Tot Ion:119 Resp: 343941

Ion Ratio Lower Upper

119 100

91 89.4 28.2 84.7#

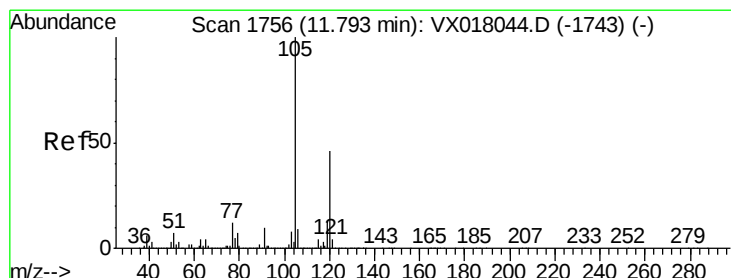
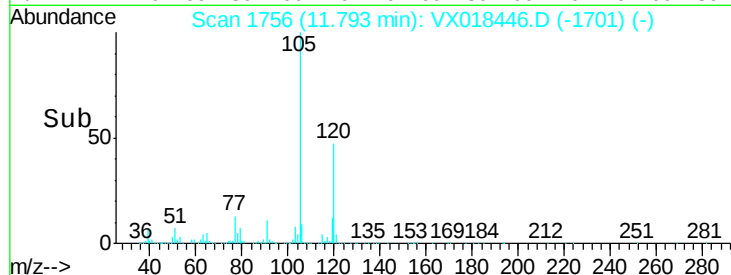
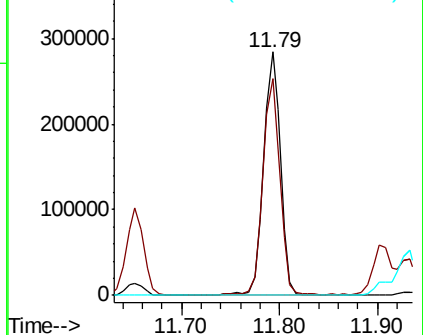
134 0.0 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 132.870 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018446.D

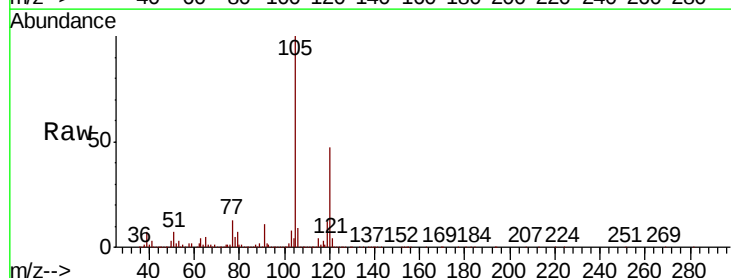
Acq: 16 Sep 2020 17:36

Tgt Ion:105 Resp: 2744644

Ion Ratio Lower Upper

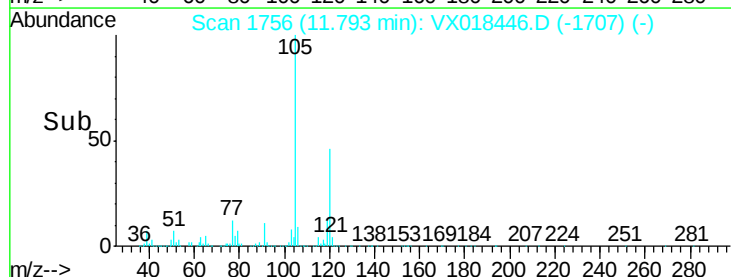
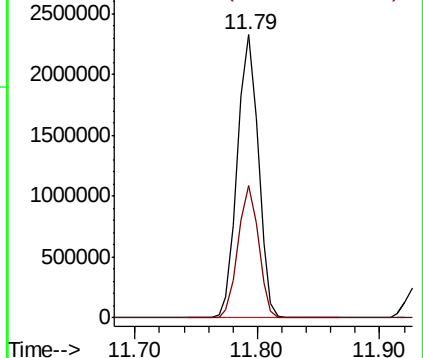
105 100

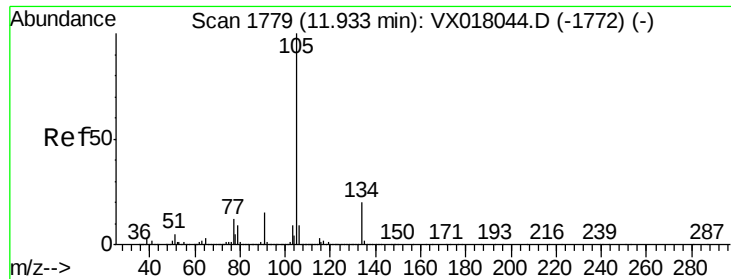
120 45.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

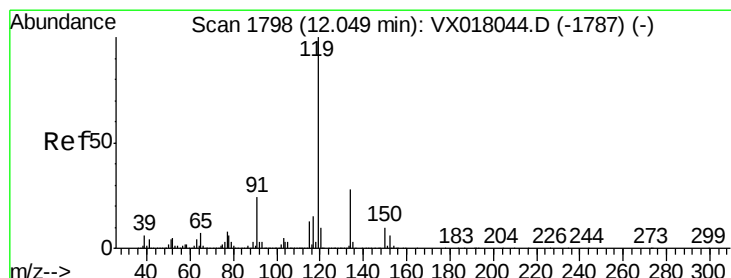
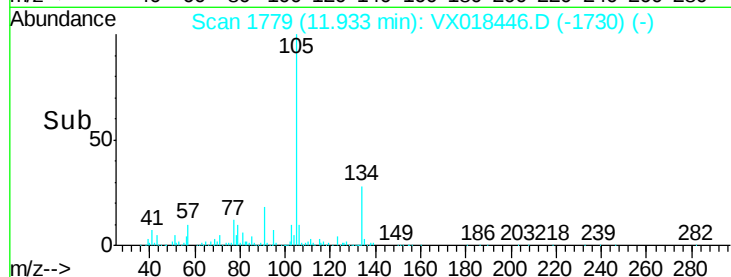
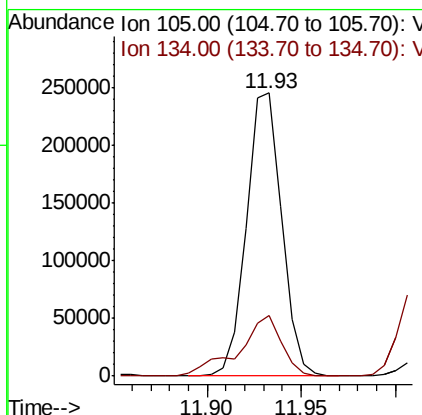
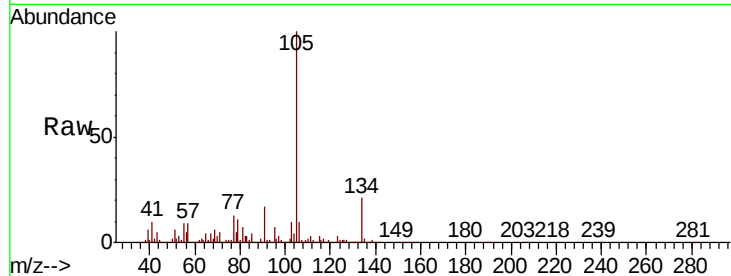




#85
 sec-Butylbenzene
 Concen: 13.972 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

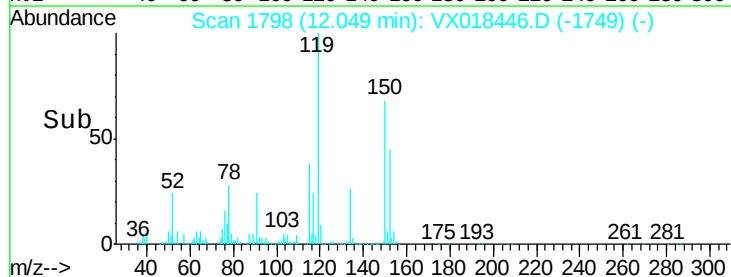
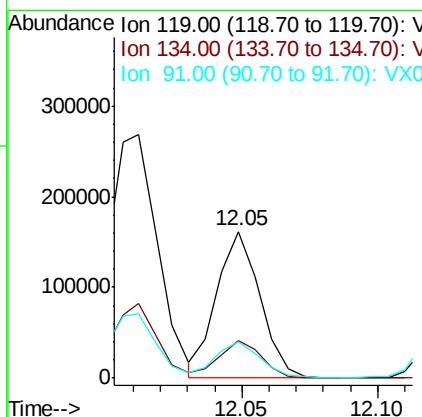
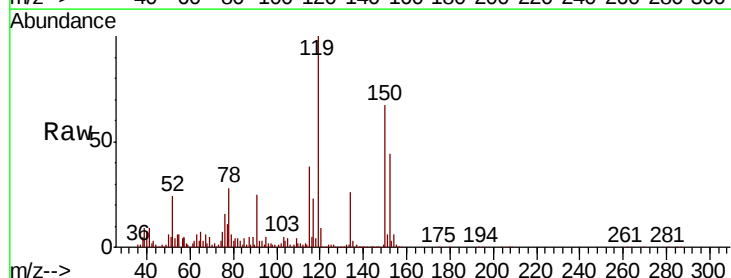
Instrument :
 MSVOA_X
 ClientSampled :
 40951

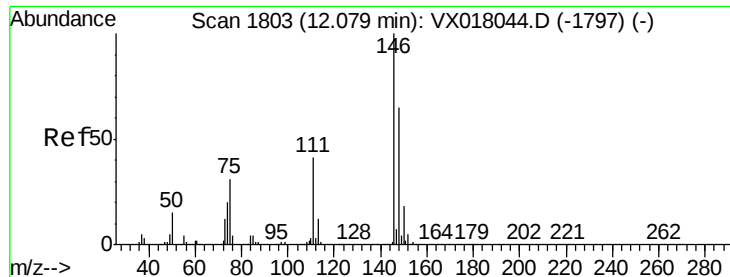
Tot Ion:105 Resp: 316802
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 8.567 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Tgt Ion:119 Resp: 178429
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.1 11.8 35.4





#88

1,4-Dichlorobenzene

Concen: 0.344 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampled :

40951

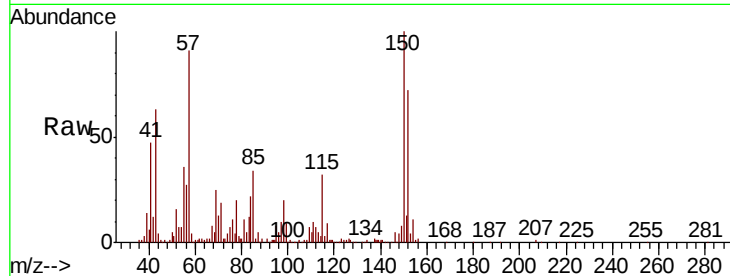
Tot Ion:146 Resp: 4105

Ion Ratio Lower Upper

146 100

111 302.6 20.3 60.8#

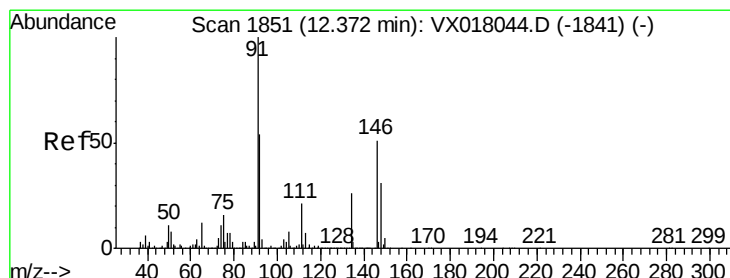
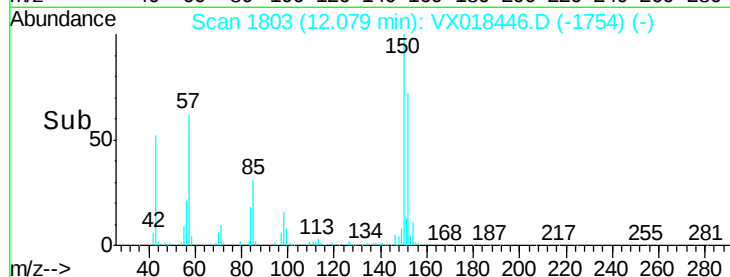
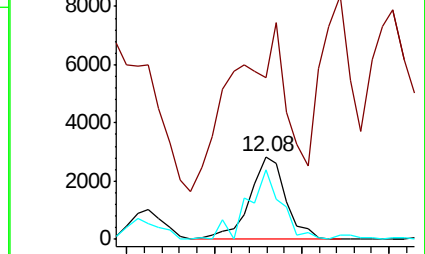
148 77.8 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 33.024 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

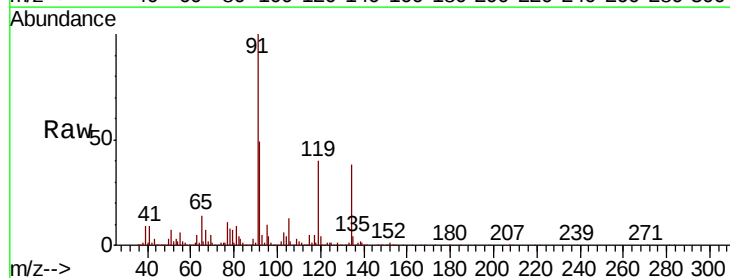
Tgt Ion: 91 Resp: 627794

Ion Ratio Lower Upper

91 100

92 38.7 26.4 79.2

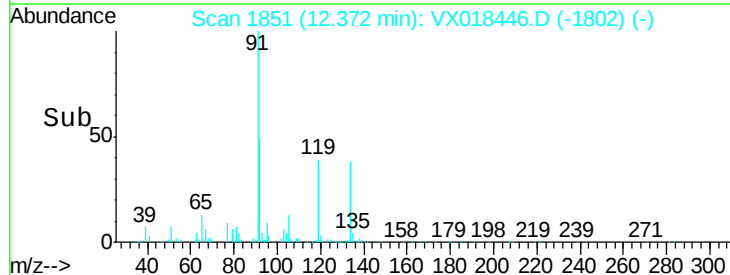
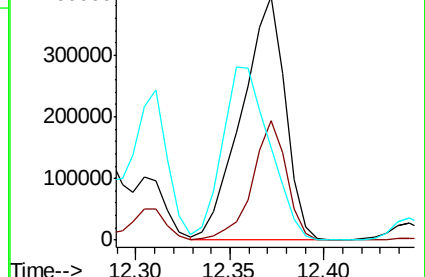
134 77.7 12.9 38.7#

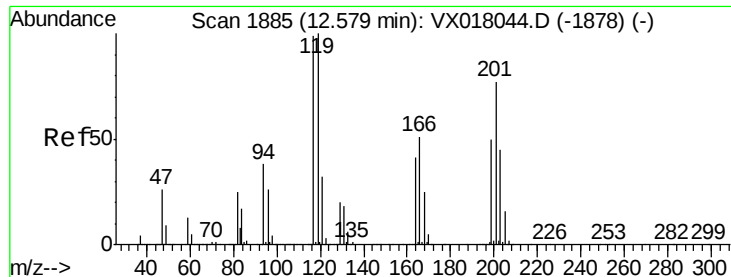


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 13.849 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

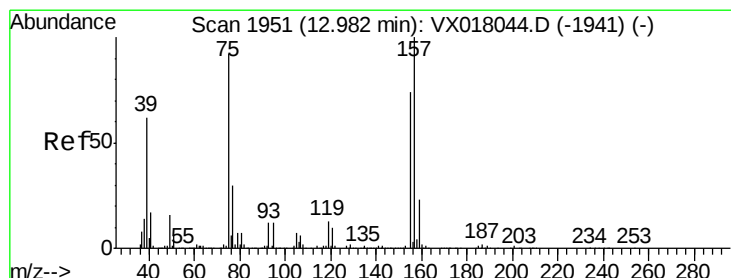
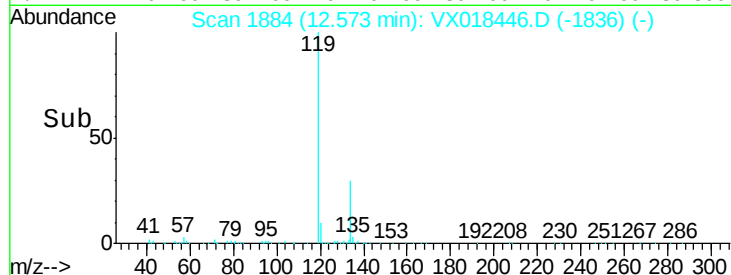
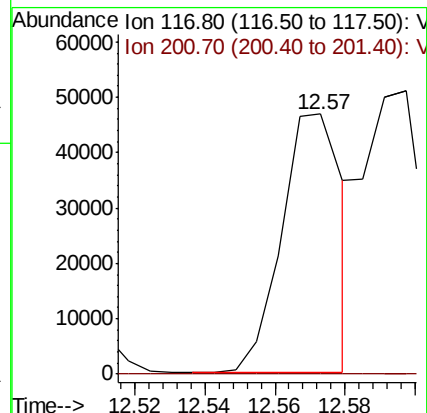
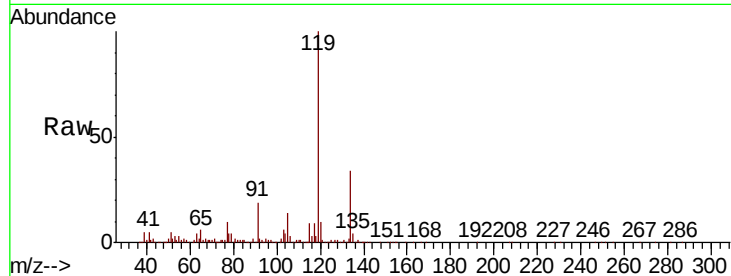
40951

Tot Ion:117 Resp: 56751

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.155 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX018446.D

Acq: 16 Sep 2020 17:36

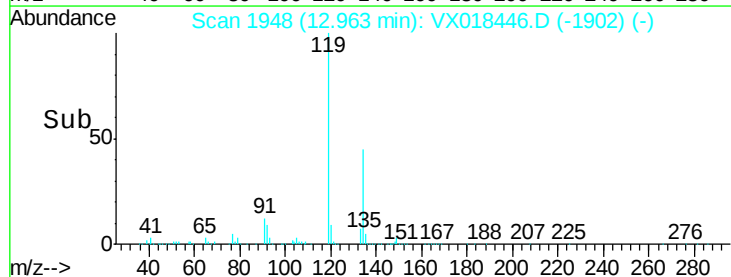
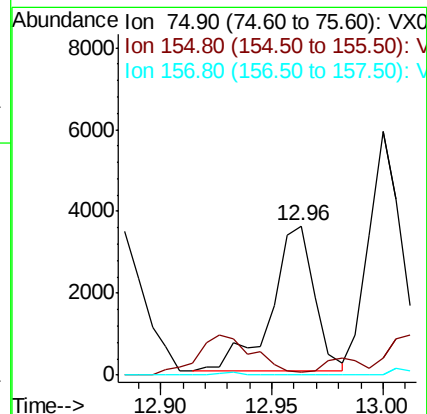
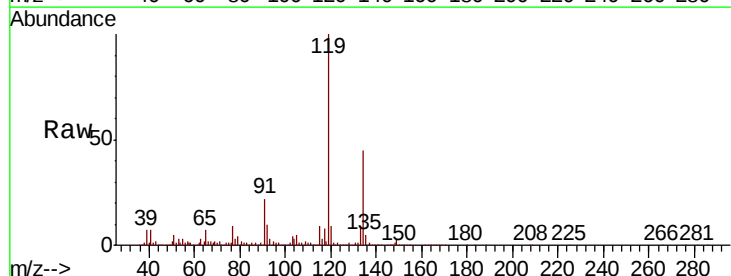
Tgt Ion: 75 Resp: 4674

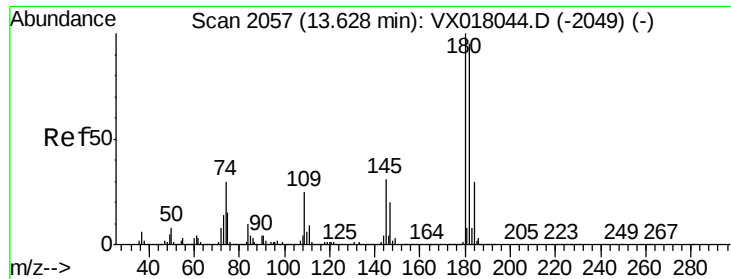
Ion Ratio Lower Upper

75 100

155 8.3 40.2 120.6#

157 0.0 55.0 165.2#

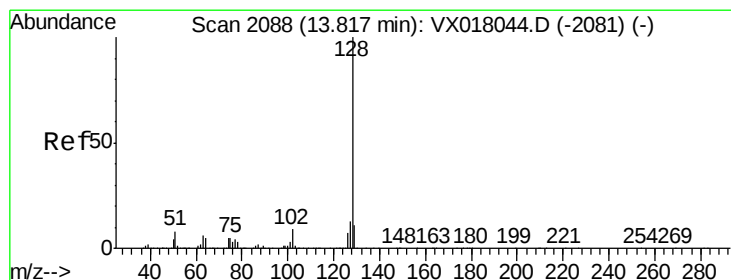
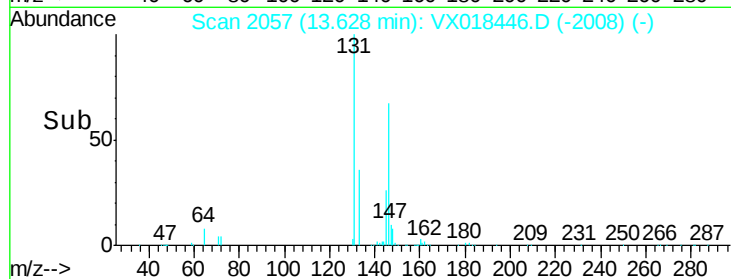
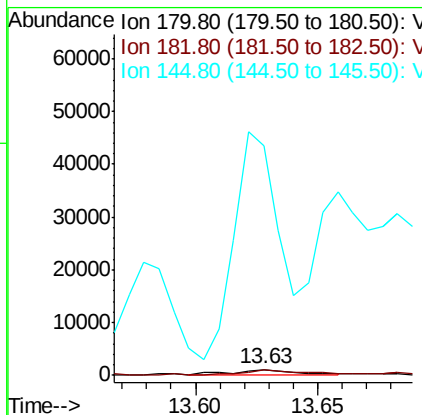
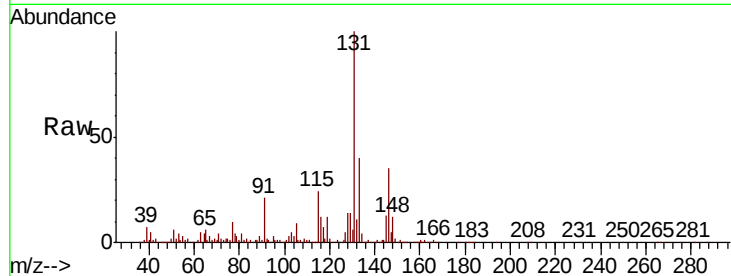




#93
 1,2,4-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

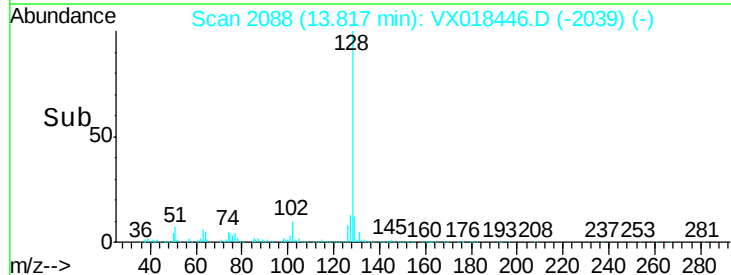
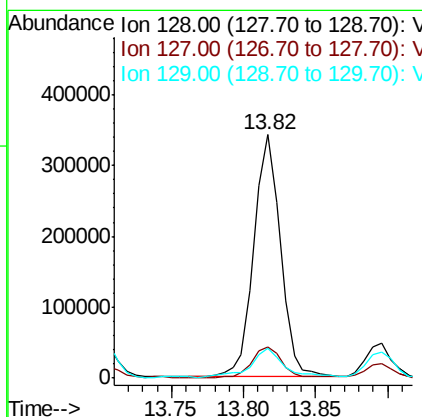
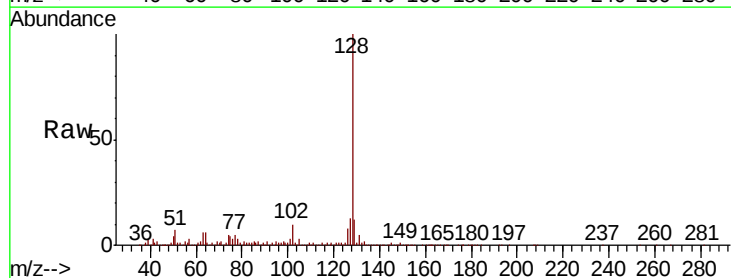
Instrument :
 MSVOA_X
 ClientSampleId :
 40951

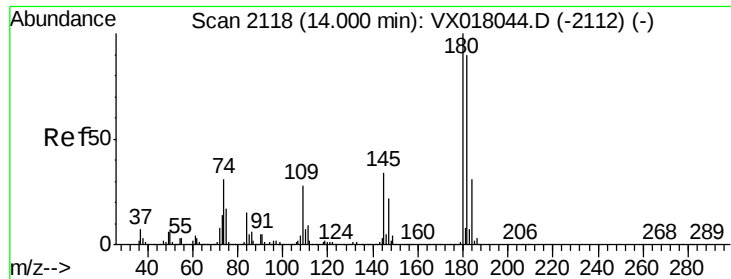
Tot Ion:180 Resp: 1639
 Ion Ratio Lower Upper
 180 100
 182 143.5 47.5 142.6#
 145 3319.3 15.7 47.1#



#95
 Naphthalene
 Concen: 17.755 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Tgt Ion:128 Resp: 437644
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.2 15.2
 129 14.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.267 ug/l
 RT: 14.01 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: VX018446.D
 Acq: 16 Sep 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 40951

Tot Ion:180 Resp: 1979
 Ion Ratio Lower Upper
 180 100
 182 32.9 47.3 142.0#
 145 3619.8 17.5 52.6#

