

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017541.D
 Acq On : 24 Jul 2020 14:36
 Operator : JC/SP
 Sample : L3362-05 500X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1754DL

Quant Time: Jul 25 01:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	463057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	796290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	790755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	452297	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	319973	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
35) Dibromofluoromethane	5.46	113	255981	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.70	98	956924	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.12	95	417538	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	218	Below Cal		82
3) Chloromethane	1.31	50	1079	0.554	ug/l #	87
5) Bromomethane	1.61	94	58	Below Cal		82
6) Chloroethane	1.72	64	133	Below Cal	#	50
8) Diethyl Ether	2.17	74	3924	Below Cal	#	1
11) Tert butyl alcohol	3.01	59	2354	1.878	ug/l #	72
12) 1,1-Dichloroethene	2.35	96	1103	0.231	ug/l #	23
13) Acrolein	2.25	56	2438	6.653	ug/l #	1
16) Acetone	2.42	43	650368	248.422	ug/l	97
18) Methyl Acetate	2.75	43	1845	0.299	ug/l #	78
19) Methyl tert-butyl Ether	3.17	73	34427	2.080	ug/l #	81
20) Methylene Chloride	2.84	84	4181	Below Cal	#	61
22) Diisopropyl ether	3.83	45	19202	1.202	ug/l #	90
23) Vinyl Acetate	3.83	43	10337	0.726	ug/l #	72
25) 2-Butanone	4.65	43	3338	0.898	ug/l #	89
31) Cyclohexane	5.54	56	20302	2.768	ug/l	90
36) 1,1-Dichloropropene	5.64	75	31871	4.173	ug/l #	53
37) Ethyl Acetate	4.81	43	2338	0.280	ug/l #	92
38) Carbon Tetrachloride	5.64	117	46930	5.060	ug/l #	17
39) Methylcyclohexane	7.44	83	16634	1.866	ug/l	95
40) Benzene	6.12	78	621341	28.378	ug/l	100
42) 1,2-Dichloroethane	6.12	62	7243	0.809	ug/l	83
49) 1,4-Dioxane	7.73	88	210	1.603	ug/l #	1
51) 4-Methyl-2-Pentanone	8.69	43	4865	0.591	ug/l #	1
52) Toluene	8.77	92	1801706	128.309	ug/l	99
53) t-1,3-Dichloropropene	8.77	75	22439	2.322	ug/l #	1
67) Ethyl Benzene	10.24	91	331417	11.600	ug/l	98
68) m/p-Xylenes	10.34	106	456119	41.209	ug/l	99
69) o-Xylene	10.68	106	184660	17.347	ug/l	99
70) Styrene	10.68	104	11839	0.654	ug/l #	1
73) Isopropylbenzene	11.00	105	14574	0.470	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	215599	23.173	ug/l #	34
78) n-propylbenzene	11.34	91	49142	1.404	ug/l	98
79) 2-Chlorotoluene	11.42	91	25214	1.163	ug/l #	42

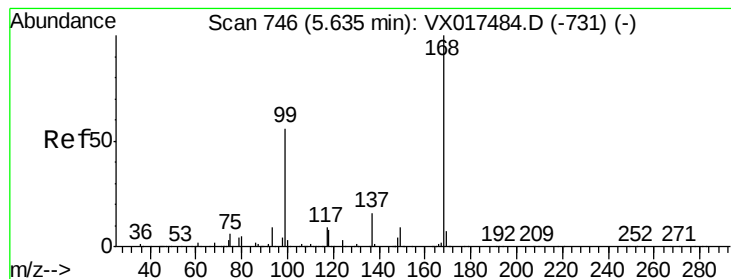
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	53983	2.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	215599	58.390	ug/l #	12
82) 4-Chlorotoluene	11.49	91	7253	0.284	ug/l #	56
83) tert-Butylbenzene	11.79	119	28405	1.121	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.79	105	231175	8.773	ug/l	99
85) sec-Butylbenzene	11.79	105	231175	7.828	ug/l #	55
89) n-Butylbenzene	12.36	91	7311	0.292	ug/l #	36
90) Hexachloroethane	12.59	117	3149	0.568	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.00	75	532	2.761	ug/l #	14
95) Naphthalene	13.82	128	102496	3.432	ug/l	99

(#) = 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. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

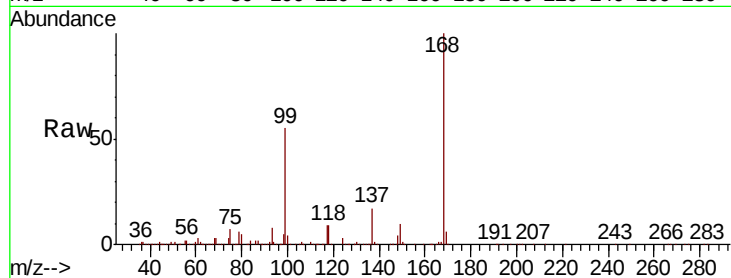
1754DL

Tot Ion:168 Resp: 463057

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

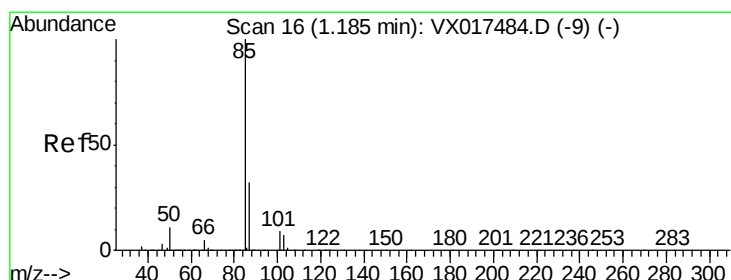
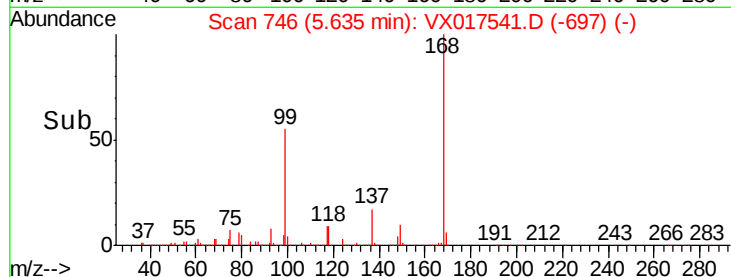
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017541.D

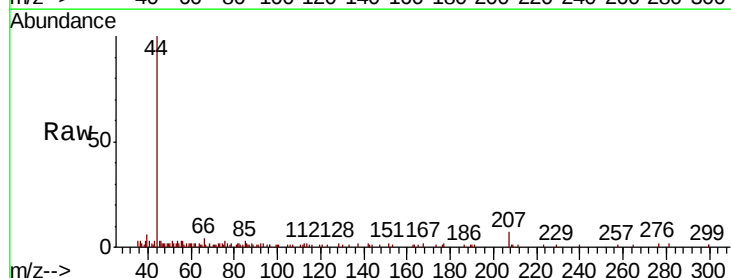
Acq: 24 Jul 2020 14:36

Tgt Ion: 85 Resp: 218

Ion Ratio Lower Upper

85 100

87 22.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

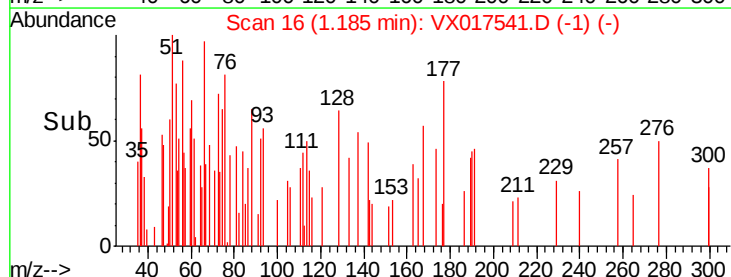
150

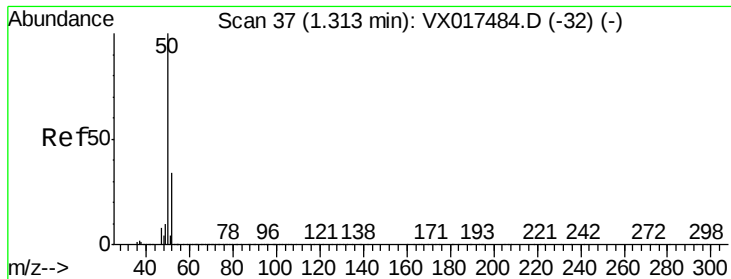
100

50

0

Time-->





#3

Chloromethane

Concen: 0.554 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampled :

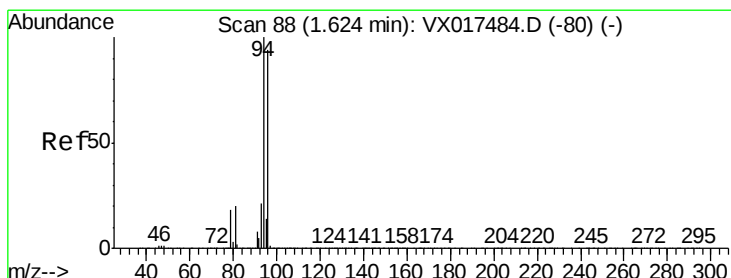
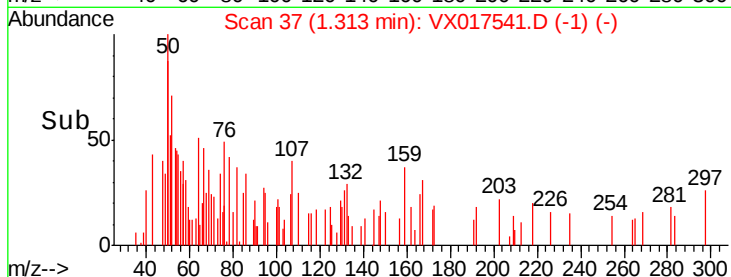
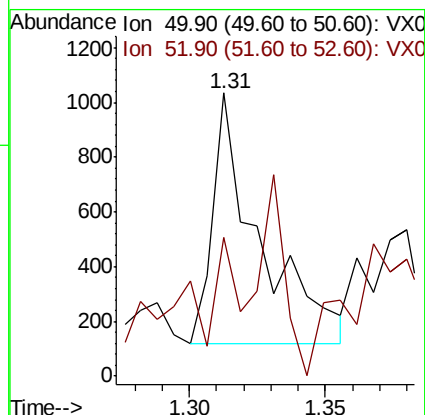
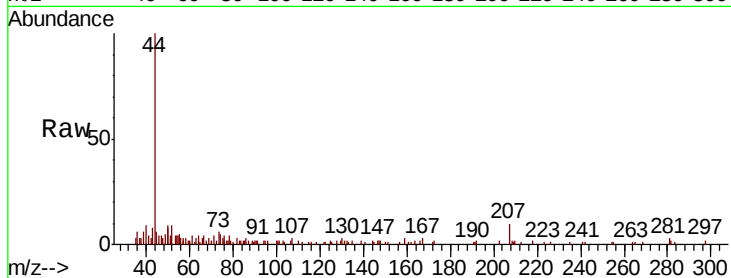
1754DL

Tot Ion: 50 Resp: 1079

Ion Ratio Lower Upper

50 100

52 25.4 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 86

Delta R.T. -0.01 min

Lab File: VX017541.D

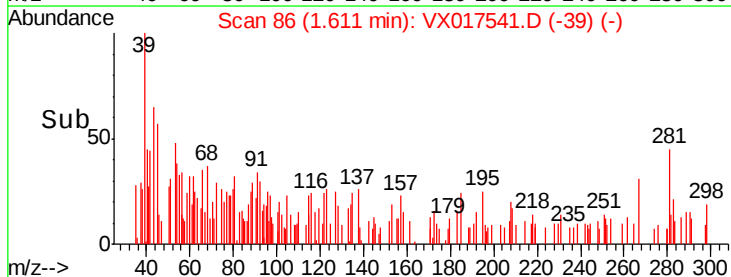
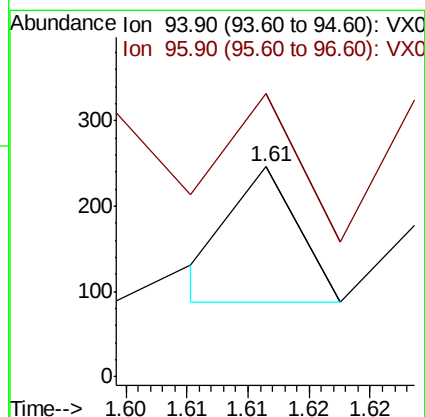
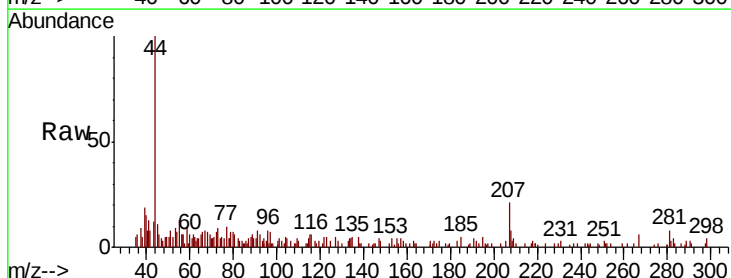
Acq: 24 Jul 2020 14:36

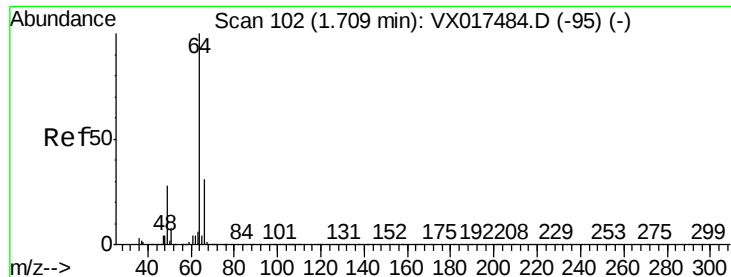
Tgt Ion: 94 Resp: 58

Ion Ratio Lower Upper

94 100

96 109.4 74.1 111.1





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampled :

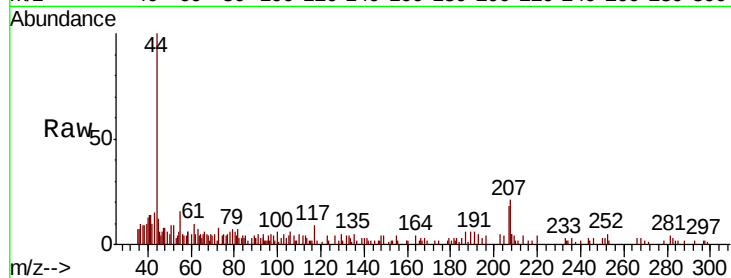
1754DL

Tot Ion: 64 Resp: 133

Ion Ratio Lower Upper

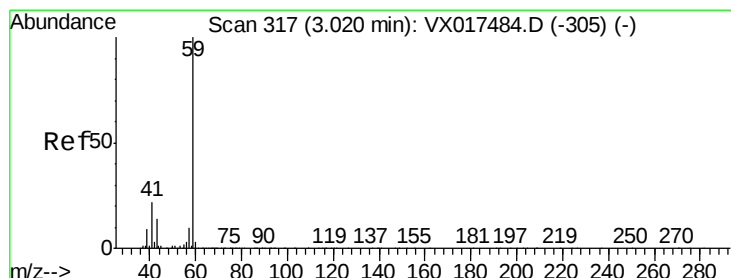
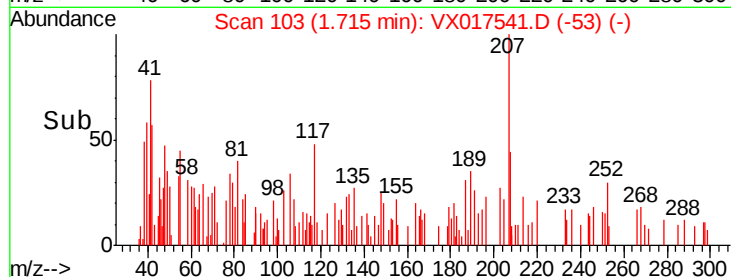
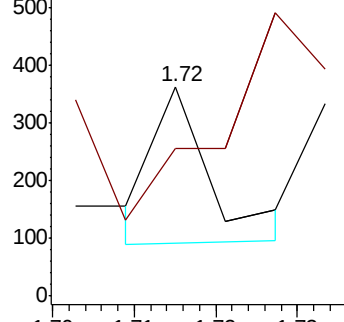
64 100

66 58.5 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 1.878 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017541.D

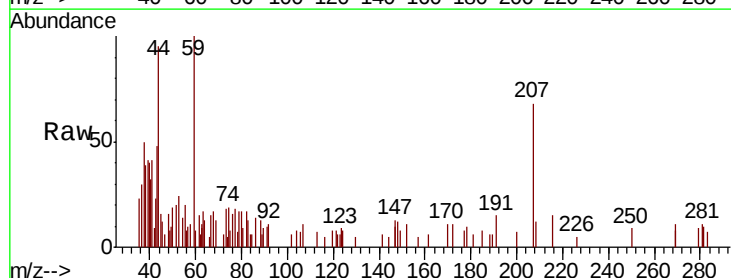
Acq: 24 Jul 2020 14:36

Tgt Ion: 59 Resp: 2354

Ion Ratio Lower Upper

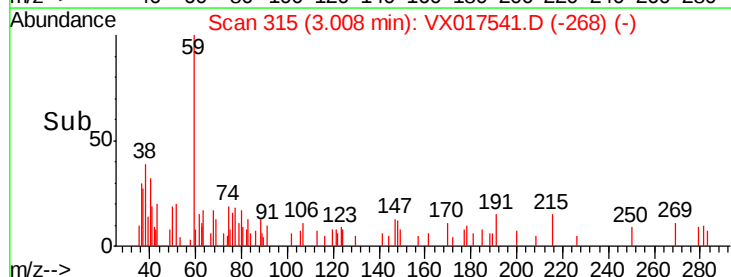
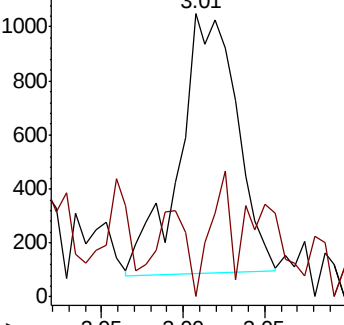
59 100

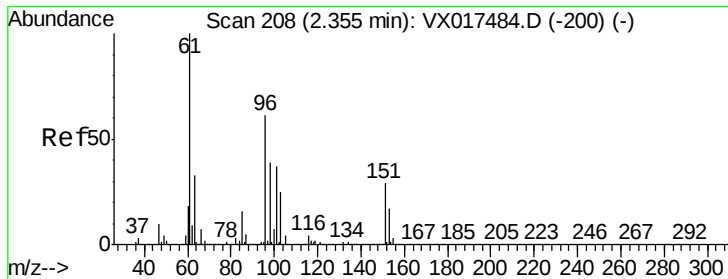
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.231 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampled :

1754DL

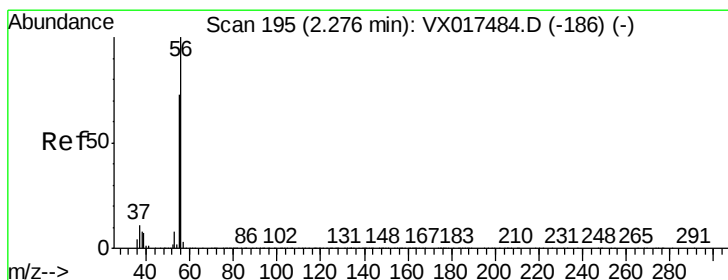
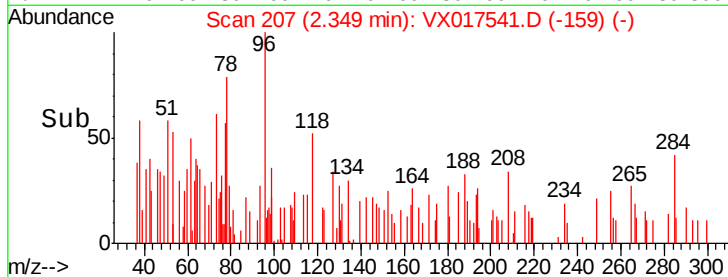
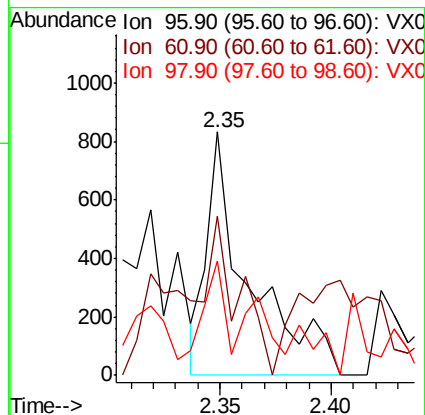
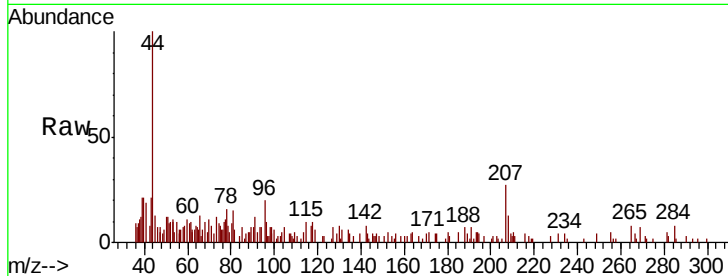
Tot Ion: 96 Resp: 1103

Ion Ratio Lower Upper

96 100

61 34.9 134.0 201.0#

98 47.1 51.0 76.4#



#13

Acrolein

Concen: 6.653 ug/l

RT: 2.25 min Scan# 190

Delta R.T. -0.03 min

Lab File: VX017541.D

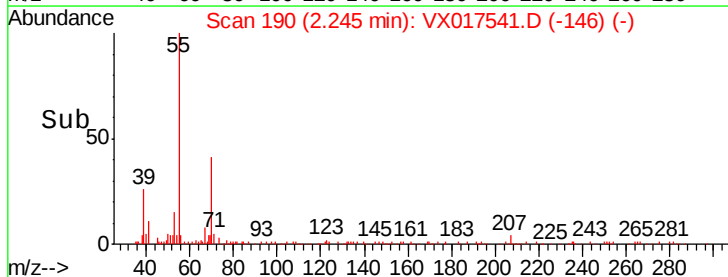
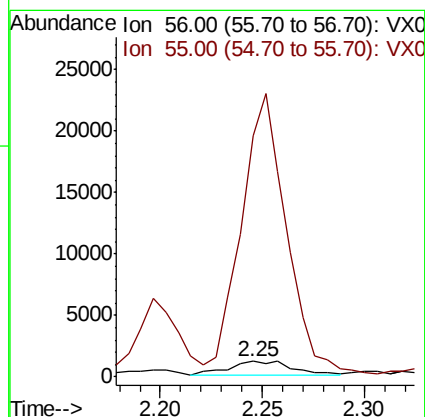
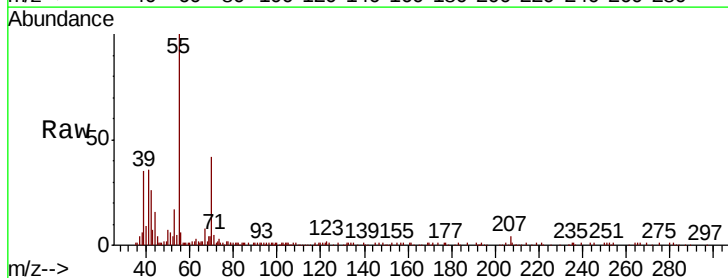
Acq: 24 Jul 2020 14:36

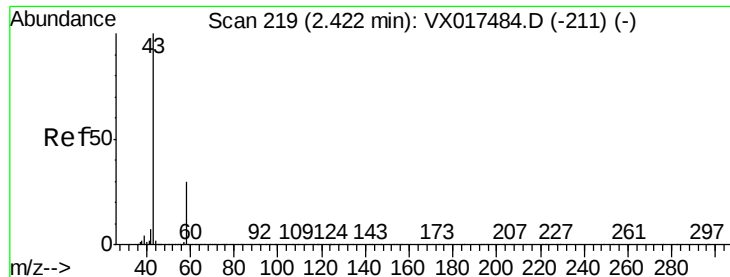
Tgt Ion: 56 Resp: 2438

Ion Ratio Lower Upper

56 100

55 1425.8 57.4 86.2#





#16

Acetone

Concen: 248.422 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

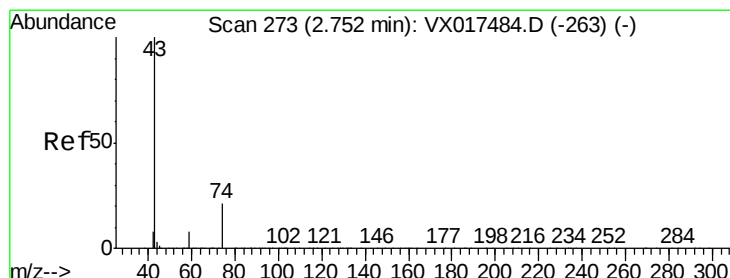
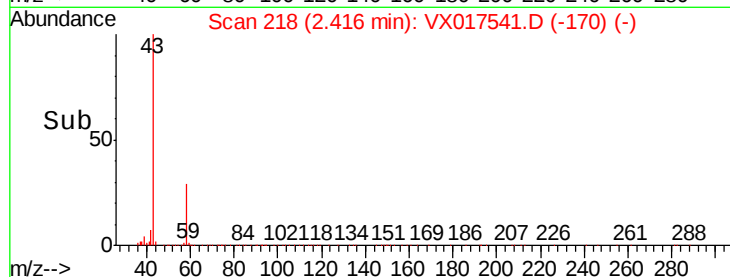
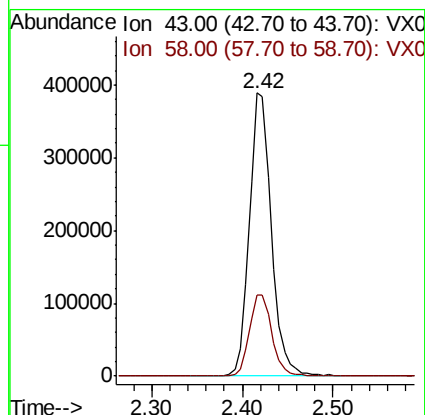
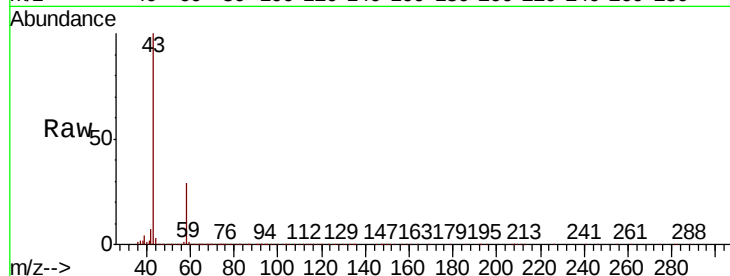
1754DL

Tot Ion: 43 Resp: 650368

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.4



#18

Methyl Acetate

Concen: 0.299 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017541.D

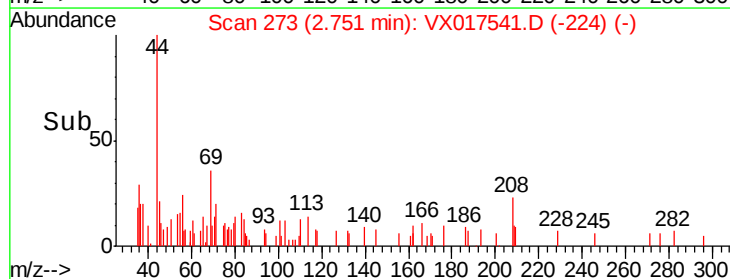
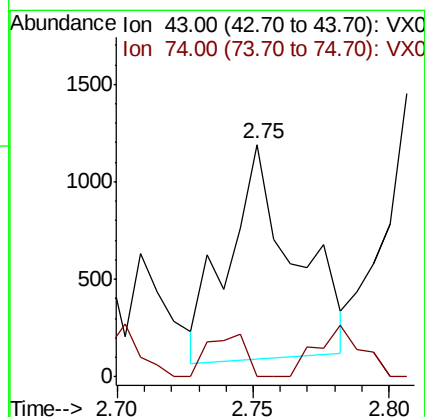
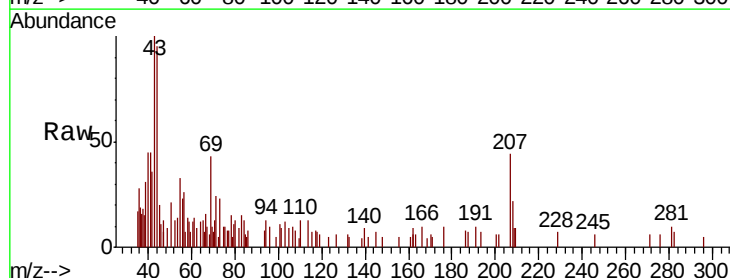
Acq: 24 Jul 2020 14:36

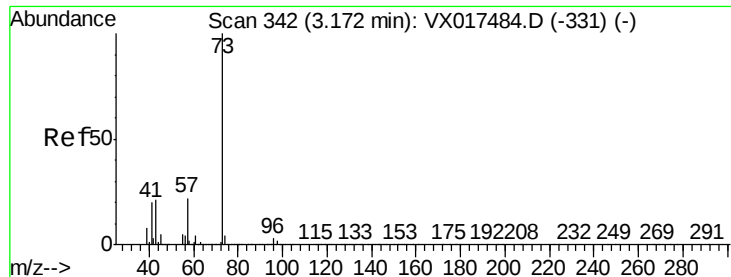
Tgt Ion: 43 Resp: 1845

Ion Ratio Lower Upper

43 100

74 11.4 17.5 26.3#



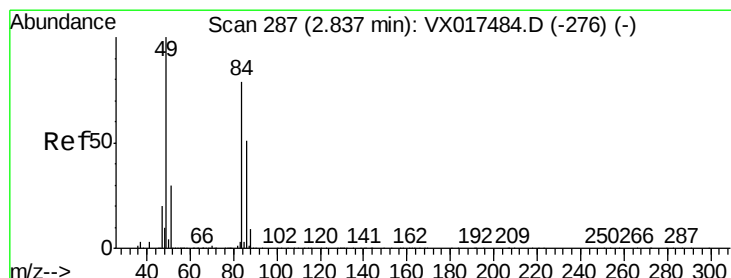
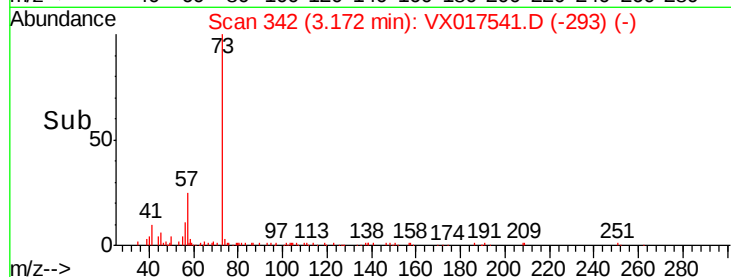
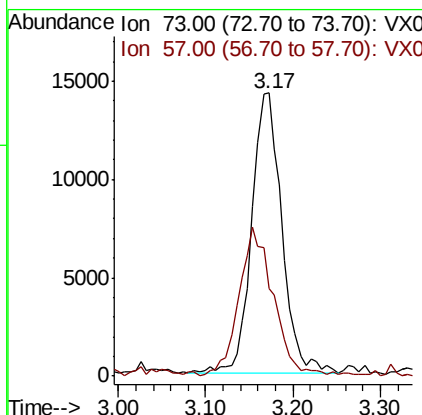
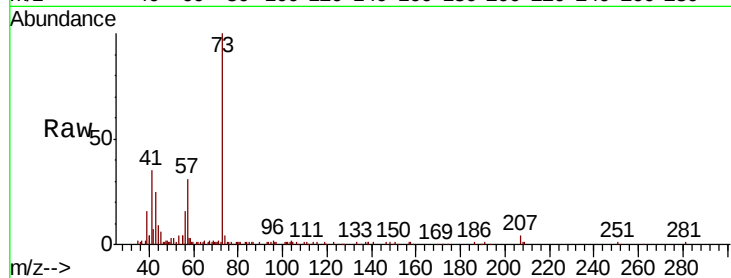


#19

Methyl tert-butyl Ether
 Concen: 2.080 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 1754DL

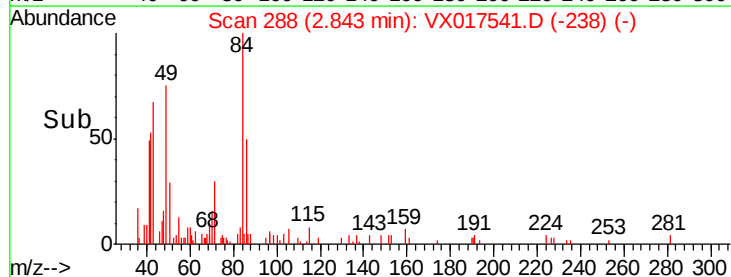
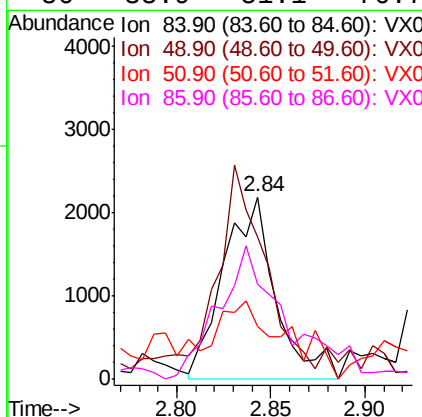
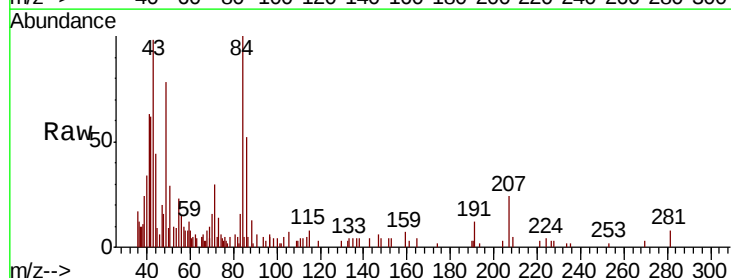
Tot Ion: 73 Resp: 34427
 Ion Ratio Lower Upper
 73 100
 57 30.3 17.0 25.4#

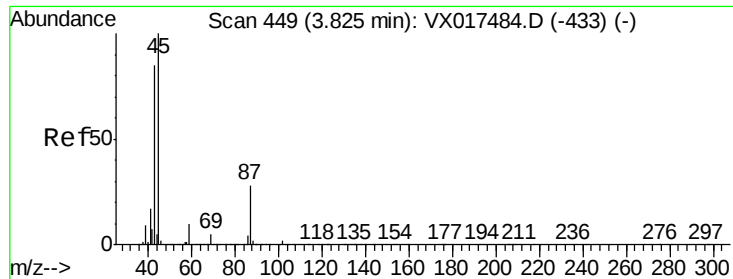


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.84 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

Tgt Ion: 84 Resp: 4181
 Ion Ratio Lower Upper
 84 100
 49 69.2 100.3 150.5#
 51 28.7 30.5 45.7#
 86 38.9 51.1 76.7#





#22

Diisopropyl ether

Concen: 1.202 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

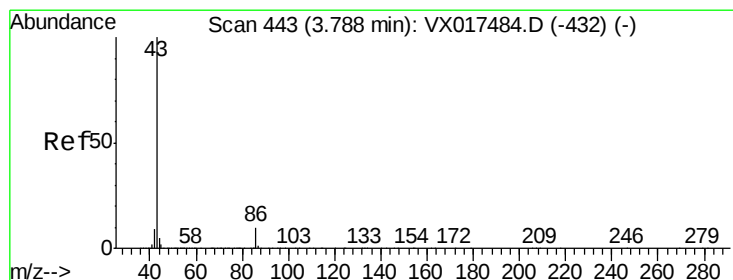
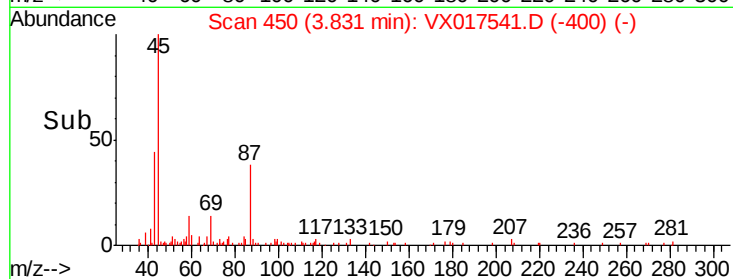
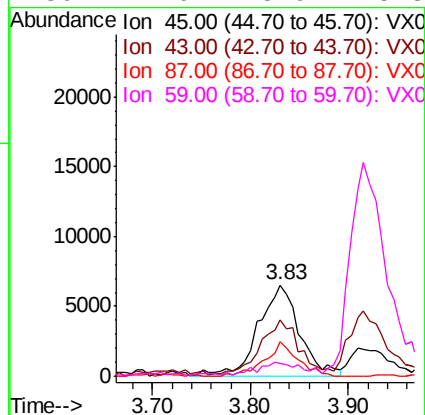
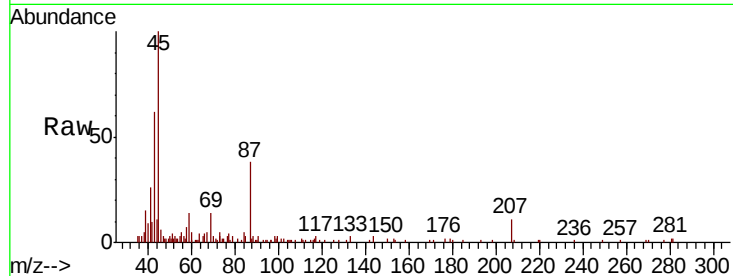
Instrument :

MSVOA_X

ClientSampleId :

1754DL

Tot Ion:	45	Resp:	19202
Ion	Ratio	Lower	Upper
45	100		
43	60.4	52.0	78.0
87	39.3	22.2	33.4#
59	12.9	8.9	13.3



#23

Vinyl Acetate

Concen: 0.726 ug/l

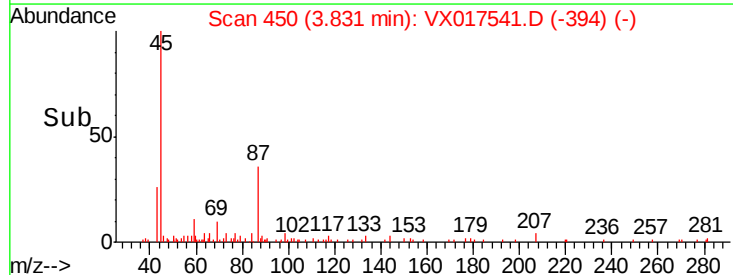
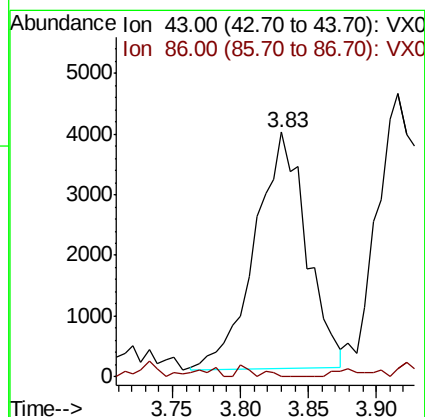
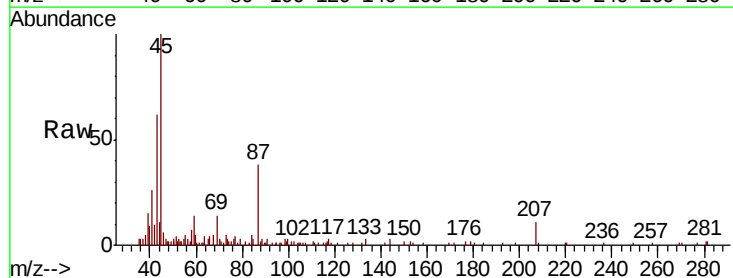
RT: 3.83 min Scan# 450

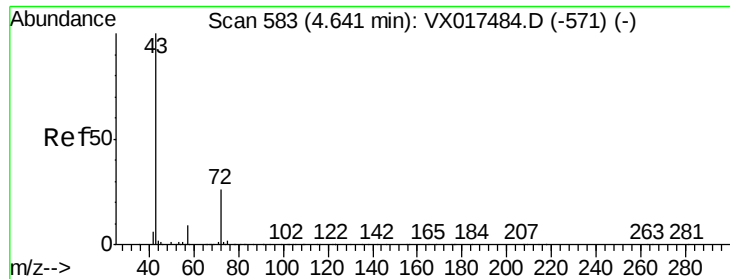
Delta R.T. 0.04 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Tgt Ion:	43	Resp:	10337
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





#25

2-Butanone

Concen: 0.898 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

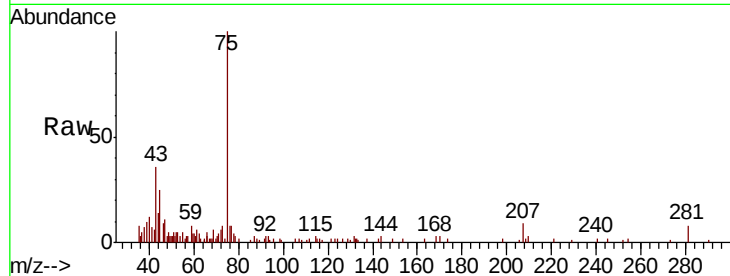
1754DL

Tot Ion: 43 Resp: 3338

Ion Ratio Lower Upper

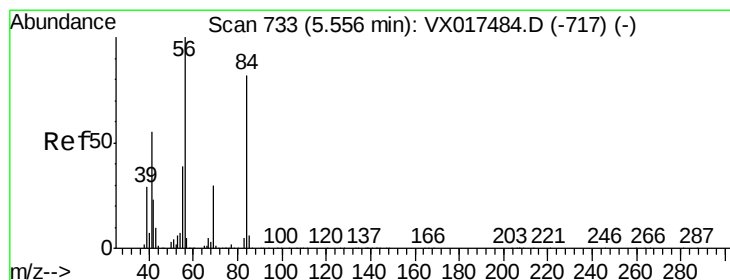
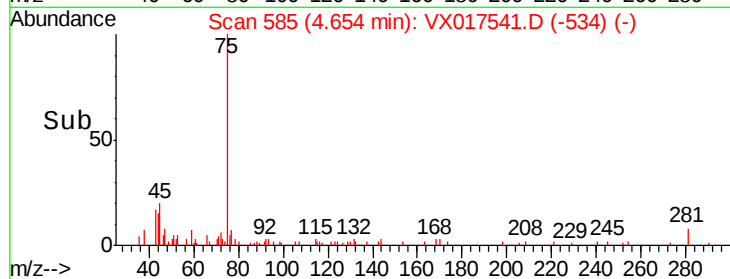
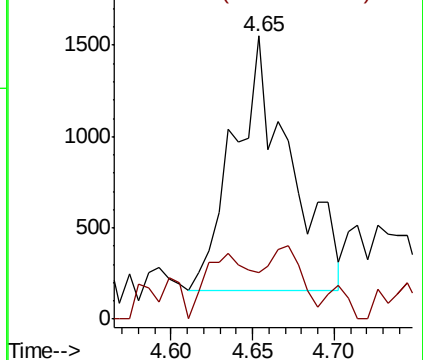
43 100

72 18.3 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 2.768 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

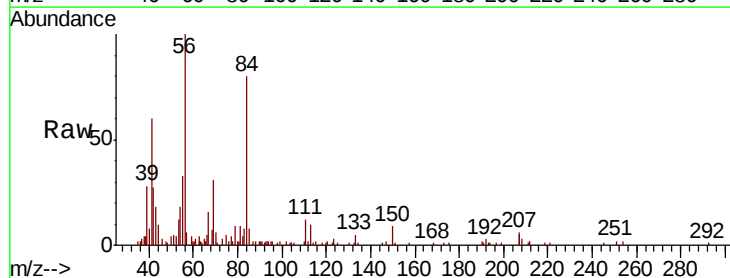
Tgt Ion: 56 Resp: 20302

Ion Ratio Lower Upper

56 100

69 24.2 24.2 36.4

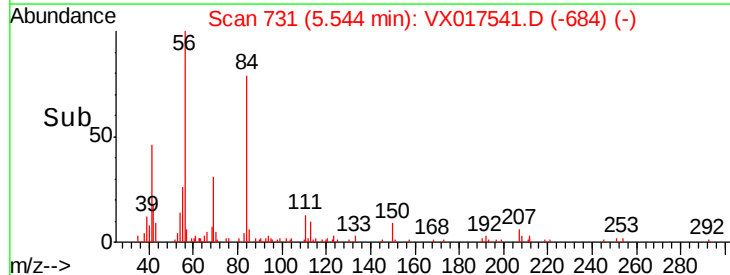
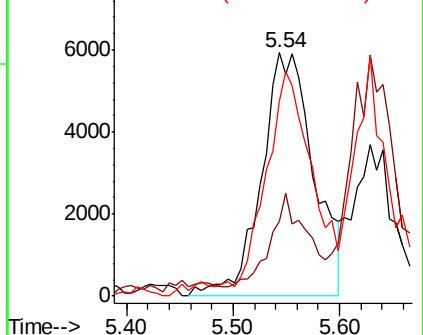
84 77.6 69.0 103.6

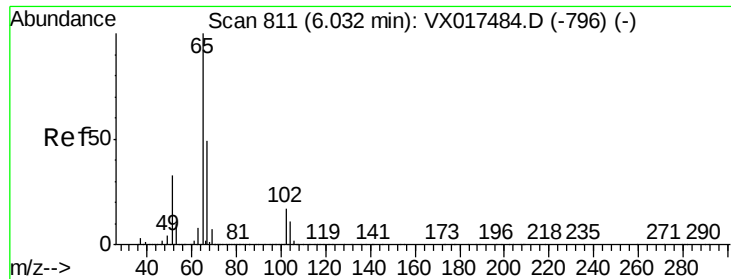


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

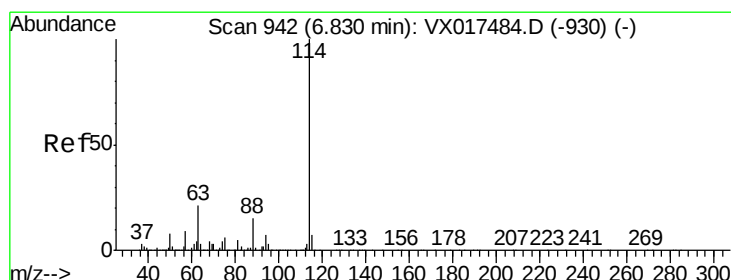
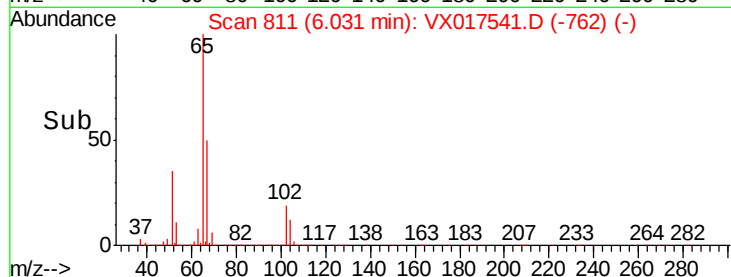
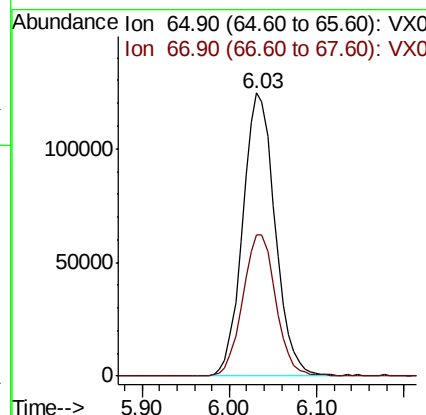
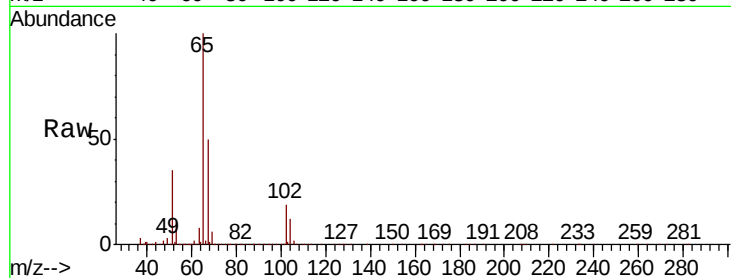




#33
 1,2-Dichloroethane-d4
 Concen: 53.794 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

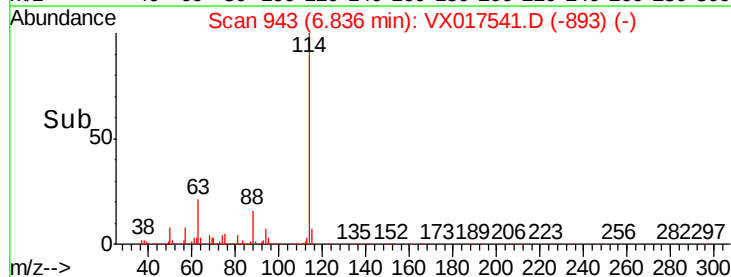
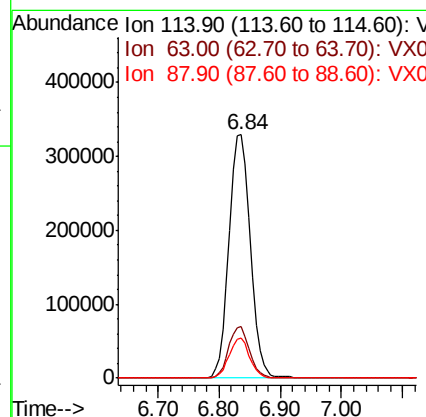
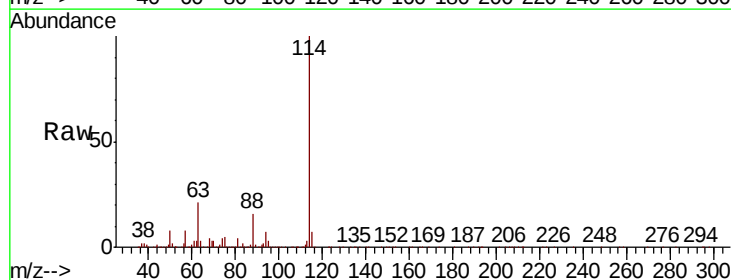
Instrument :
 MSVOA_X
 ClientSampled :
 1754DL

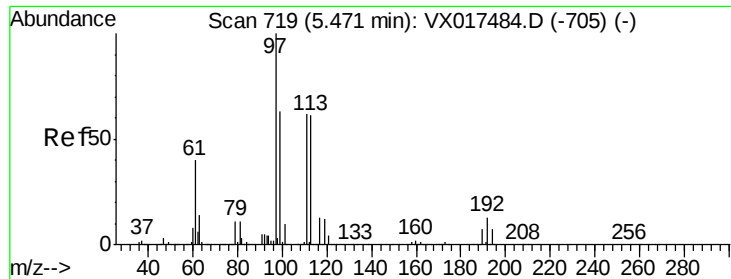
Tot Ion: 65 Resp: 319973
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

Tgt Ion: 114 Resp: 796290
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 16.3 0.0 33.4

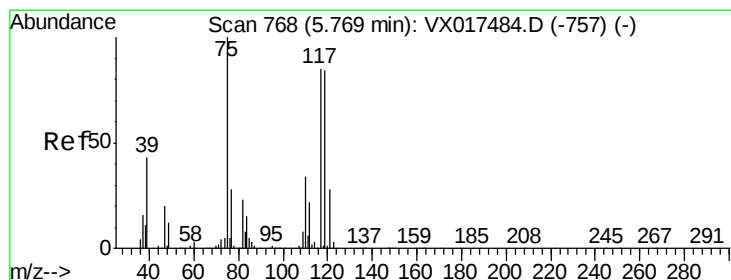
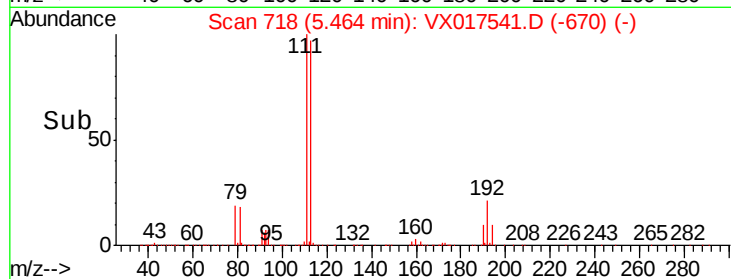
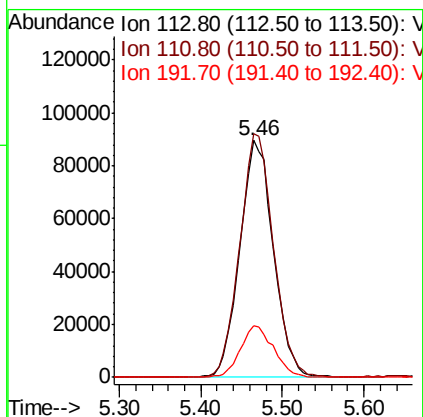
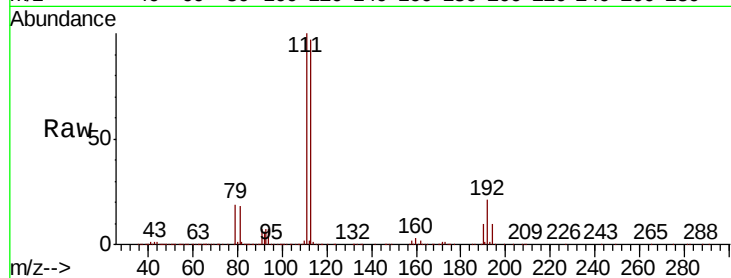




#35
Dibromofluoromethane
Concen: 48.066 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

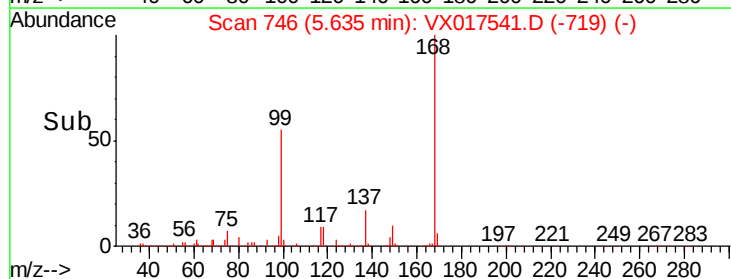
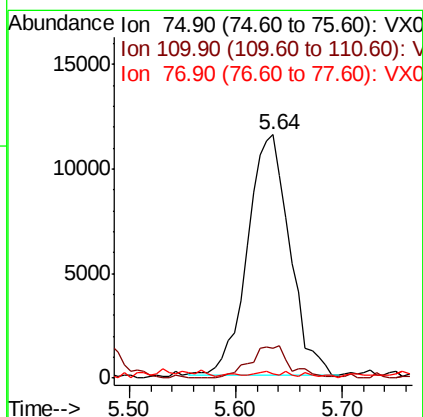
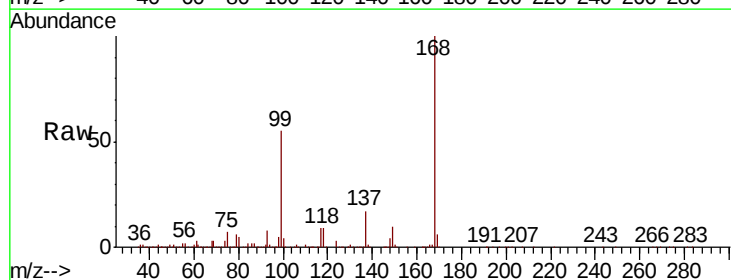
Instrument :
MSVOA_X
ClientSampleId :
1754DL

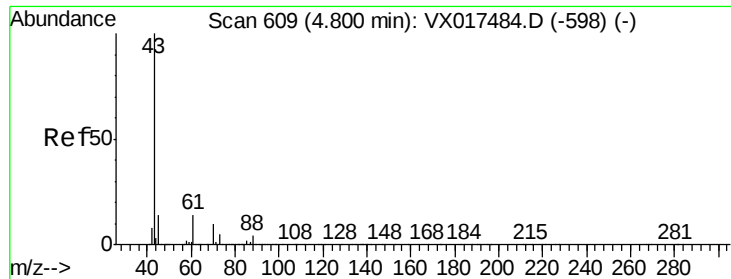
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	21.4	16.9	25.3



#36
1,1-Dichloropropene
Concen: 4.173 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.6	18.1	54.3#
77	0.5	24.6	37.0#

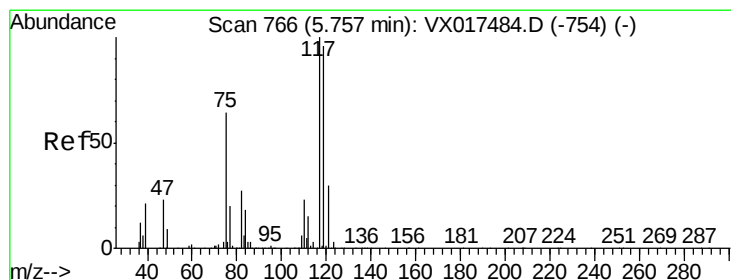
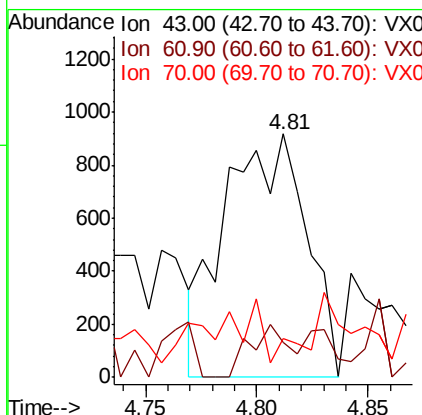
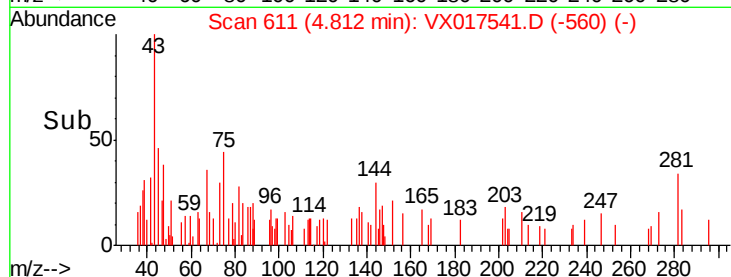
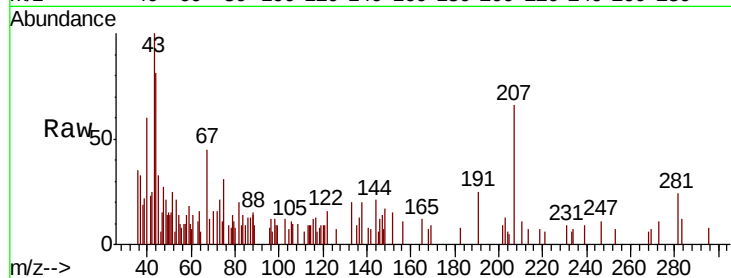




#37
Ethyl Acetate
Concen: 0.280 ug/l
RT: 4.81 min Scan# 611
Delta R.T. 0.01 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

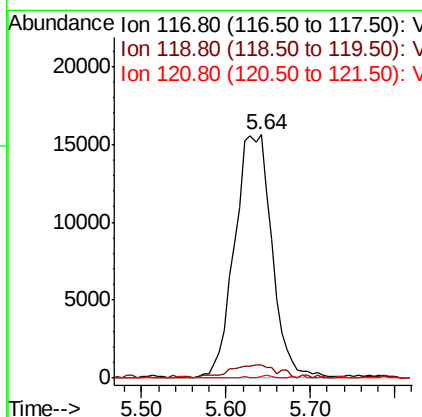
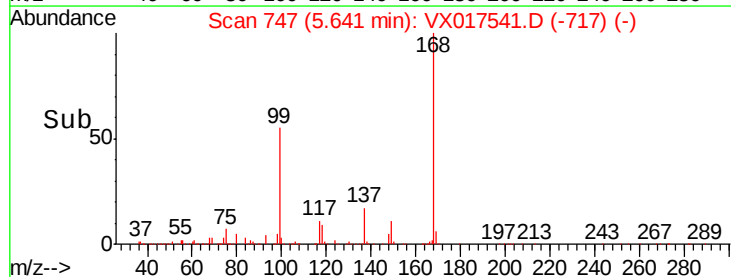
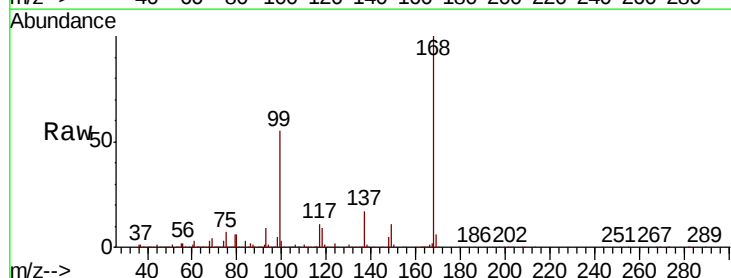
Instrument :
MSVOA_X
ClientSampled :
1754DL

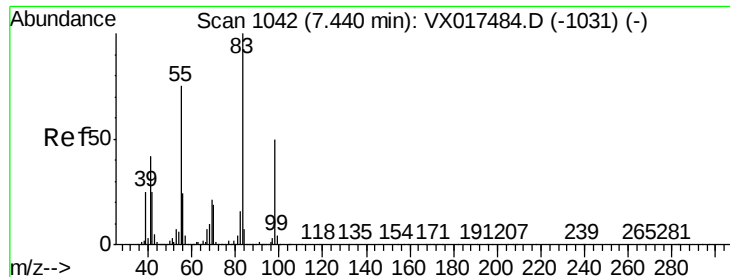
Tot Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
61 10.4 10.7 16.1#
70 13.5 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 5.64 min Scan# 747
Delta R.T. -0.12 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

Tgt Ion: 117 Resp: 46930
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.4 24.3 36.5#

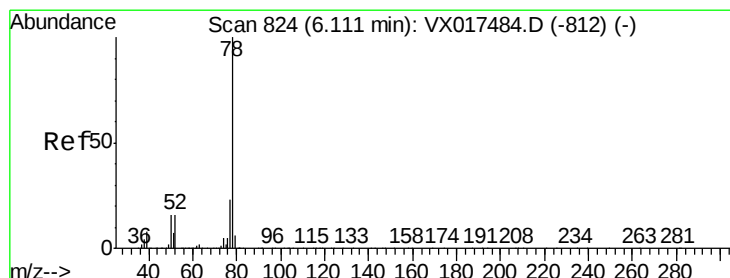
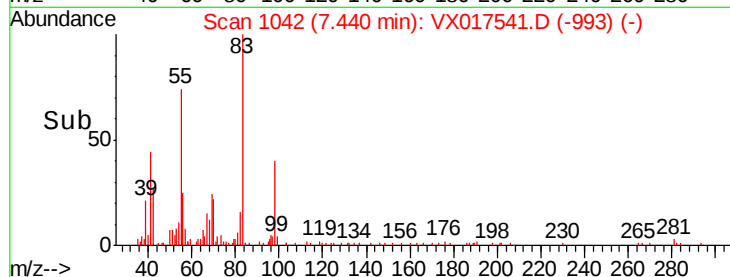
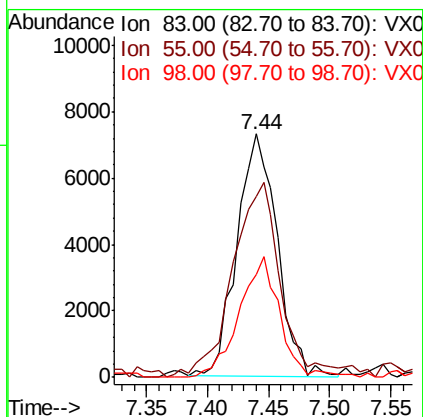
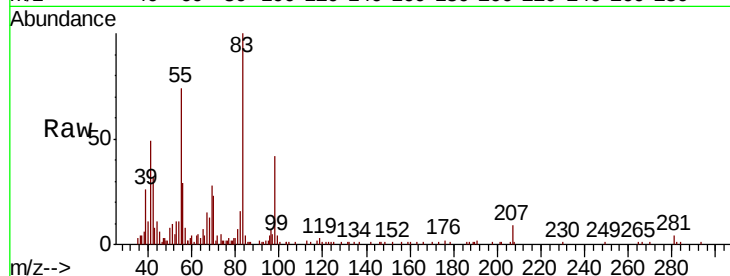




#39
Methvlcvclohexane
Concen: 1.866 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

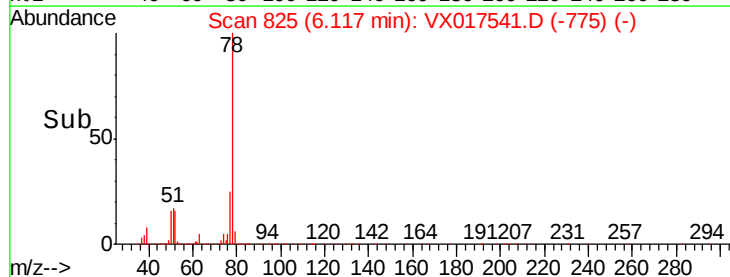
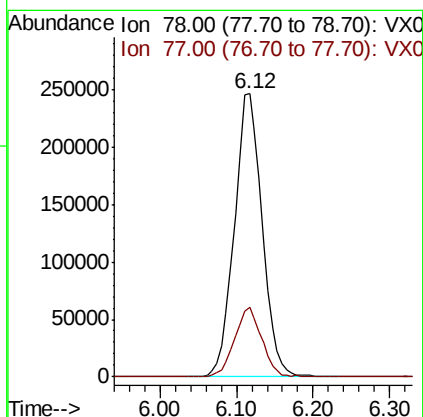
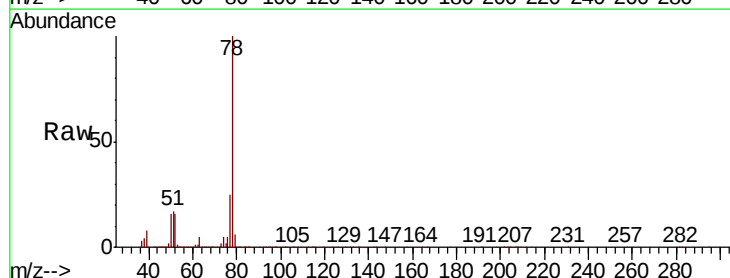
Instrument :
MSVOA_X
ClientSampleId :
1754DL

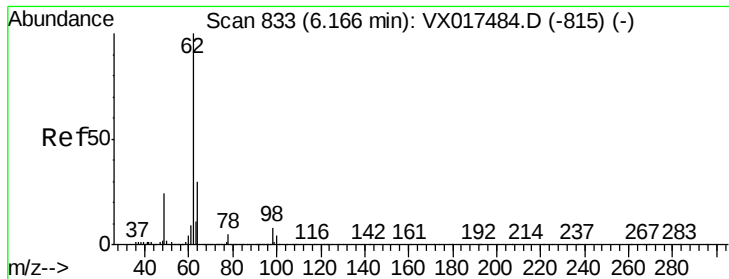
Tot Ion: 83 Resp: 16634
Ion Ratio Lower Upper
83 100
55 73.2 61.8 92.8
98 42.3 36.9 55.3



#40
Benzene
Concen: 28.378 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

Tgt Ion: 78 Resp: 621341
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2





#42

1,2-Dichloroethane

Concen: 0.809 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampled :

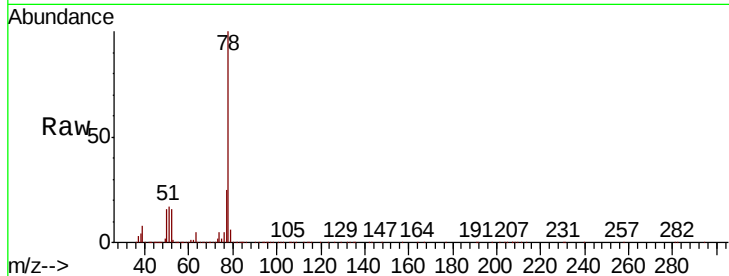
1754DL

Tot Ion: 62 Resp: 7243

Ion Ratio Lower Upper

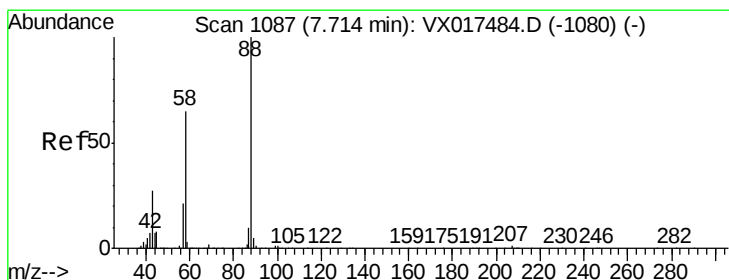
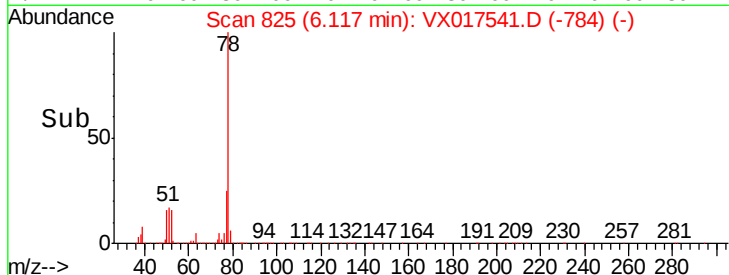
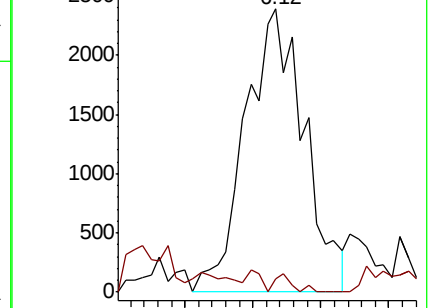
62 100

98 1.9 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#49

1,4-Dioxane

Concen: 1.603 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

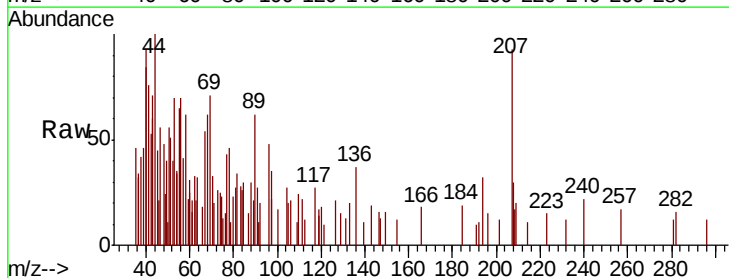
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

43 142.4 27.8 41.6#

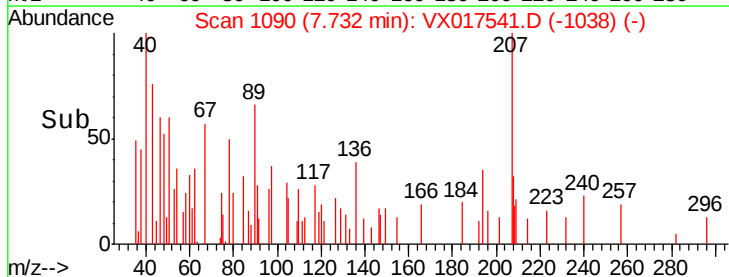
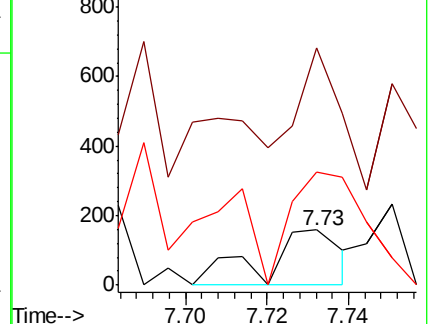
58 197.6 58.3 87.5#

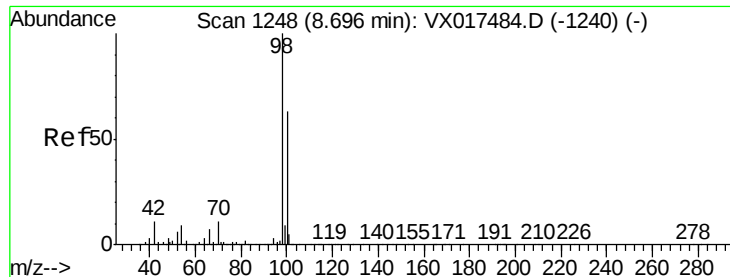


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.808 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

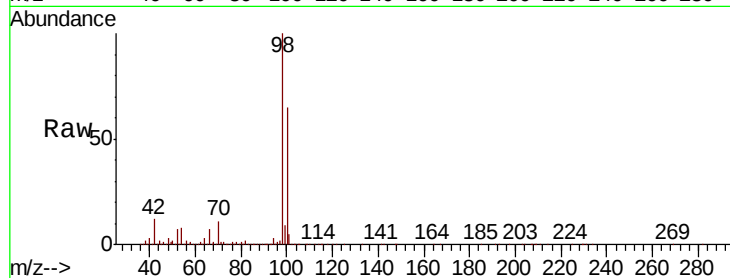
1754DL

Tot Ion: 98 Resp: 956924

Ion Ratio Lower Upper

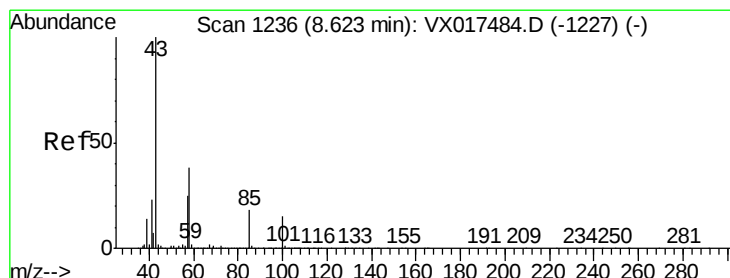
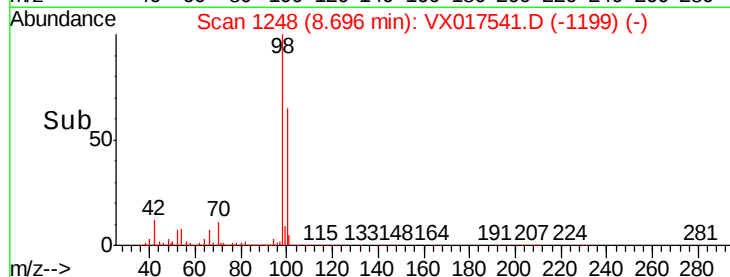
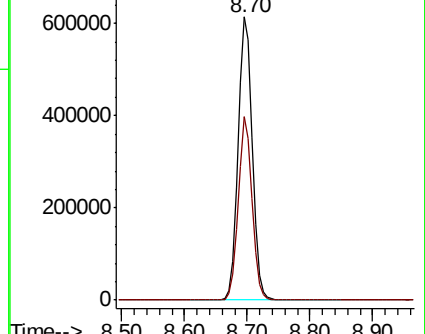
98 100

100 63.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.591 ug/l

RT: 8.69 min Scan# 1247

Delta R.T. 0.07 min

Lab File: VX017541.D

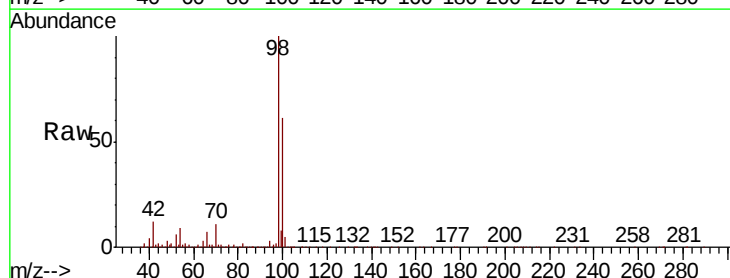
Acq: 24 Jul 2020 14:36

Tgt Ion: 43 Resp: 4865

Ion Ratio Lower Upper

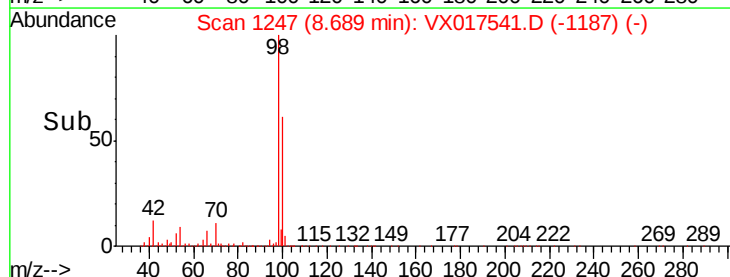
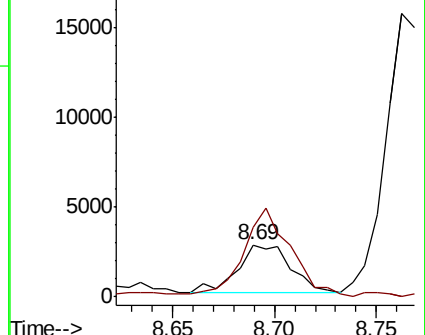
43 100

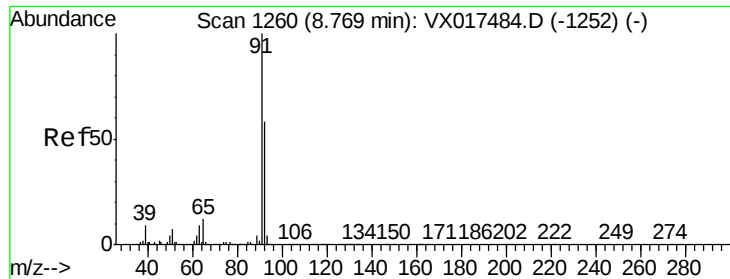
58 163.7 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 128.309 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

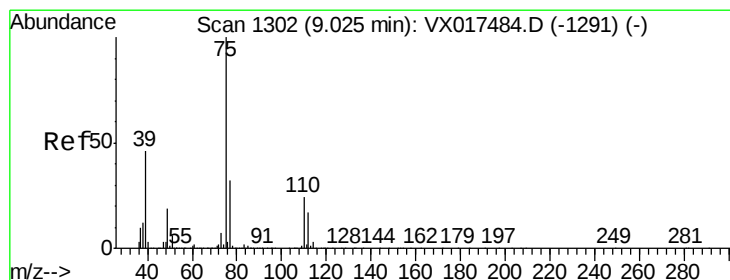
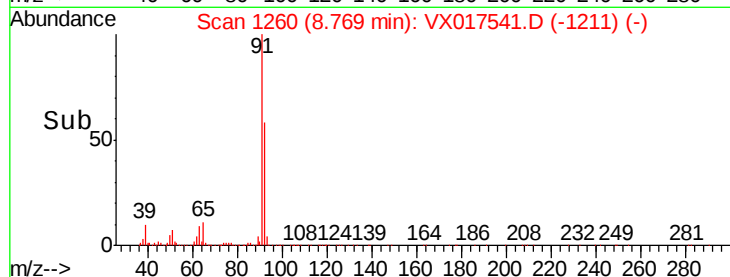
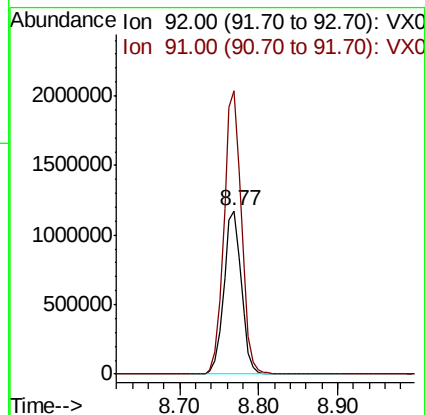
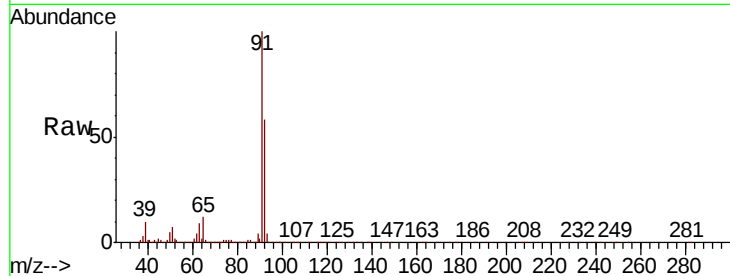
1754DL

Tot Ion: 92 Resp: 1801706

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4



#53

t-1,3-Dichloropropene

Concen: 2.322 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.26 min

Lab File: VX017541.D

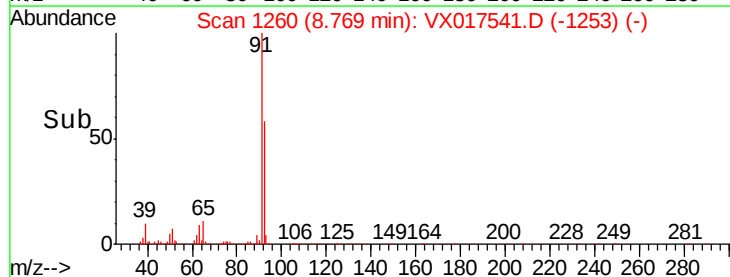
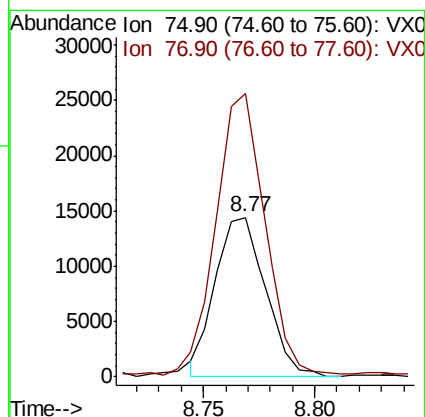
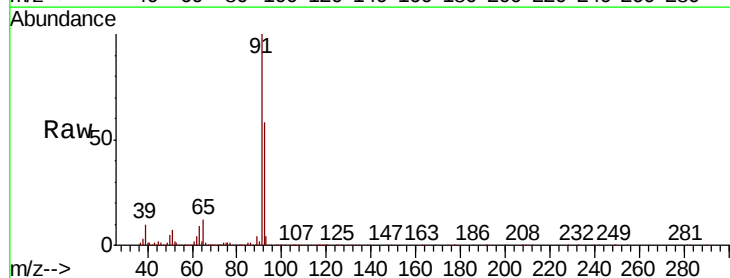
Acq: 24 Jul 2020 14:36

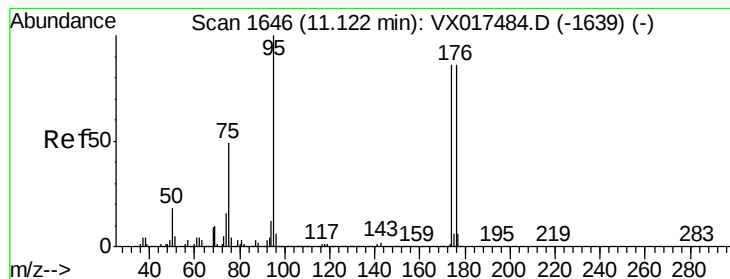
Tgt Ion: 75 Resp: 22439

Ion Ratio Lower Upper

75 100

77 177.0 25.5 38.3#





#62

4-Bromofluorobenzene

Concen: 54.305 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

1754DL

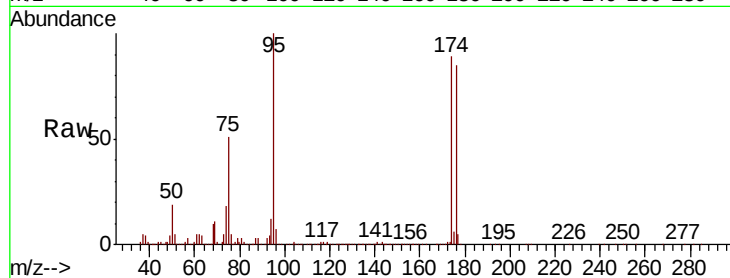
Tot Ion: 95 Resp: 417538

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.0

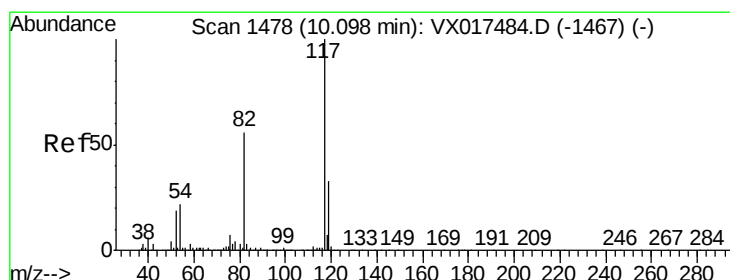
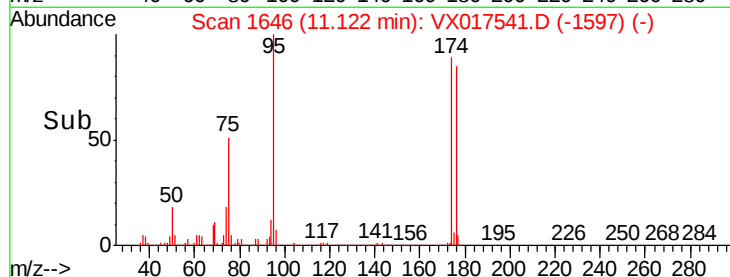
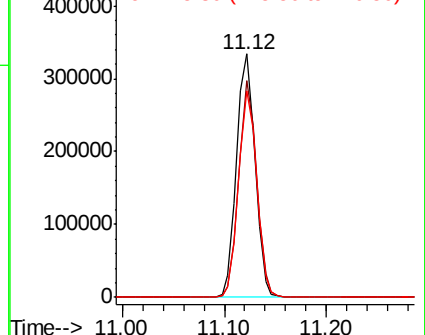
176 83.1 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

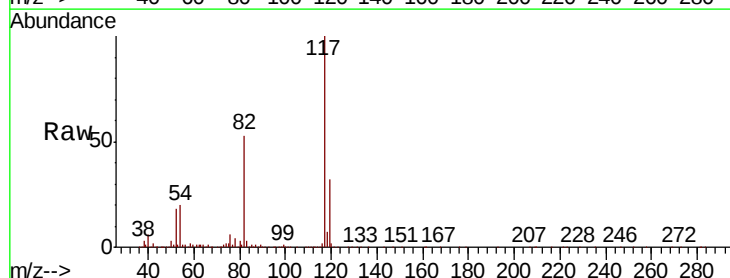
Tgt Ion: 117 Resp: 790755

Ion Ratio Lower Upper

117 100

82 53.4 44.0 66.0

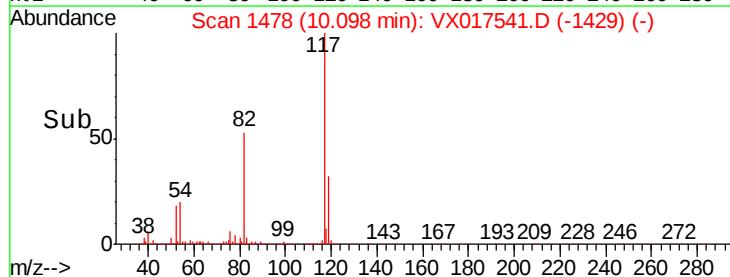
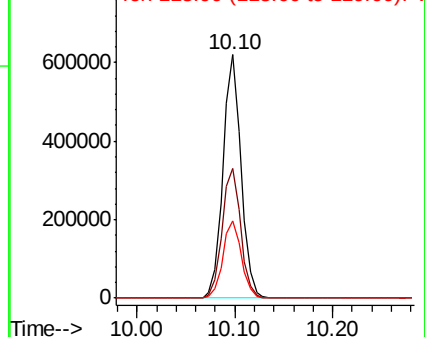
119 31.5 25.4 38.0

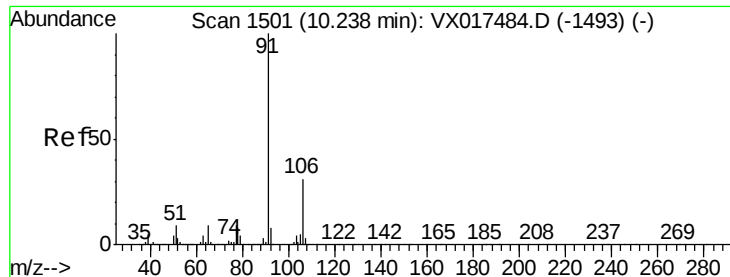


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

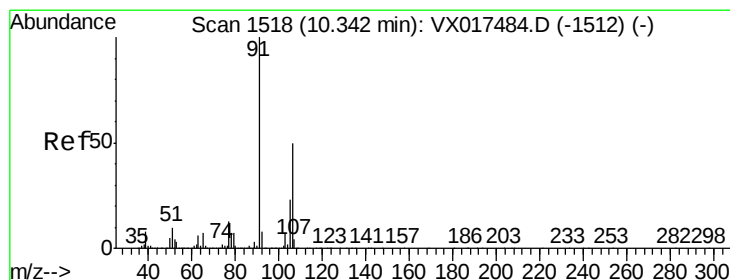
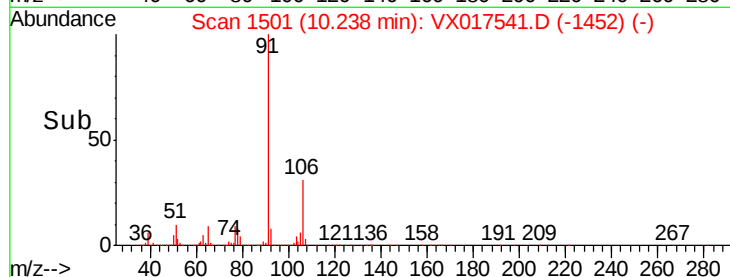
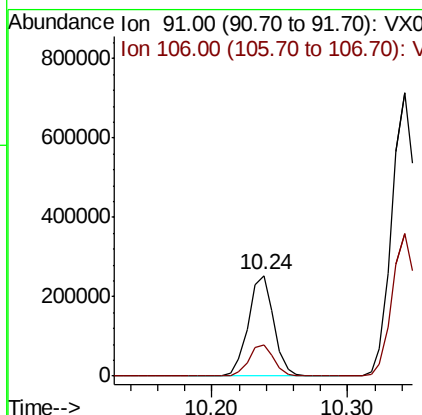
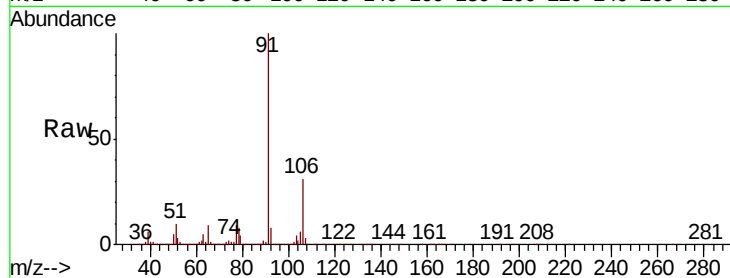




#67
Ethyl Benzene
Concen: 11.600 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

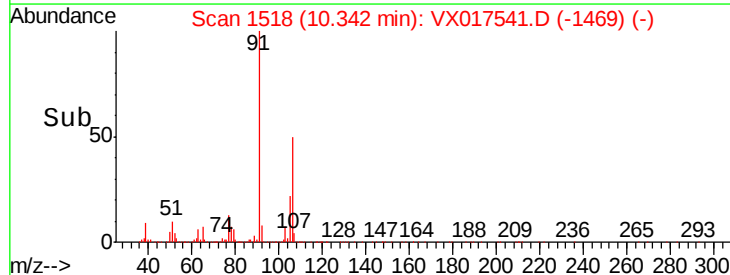
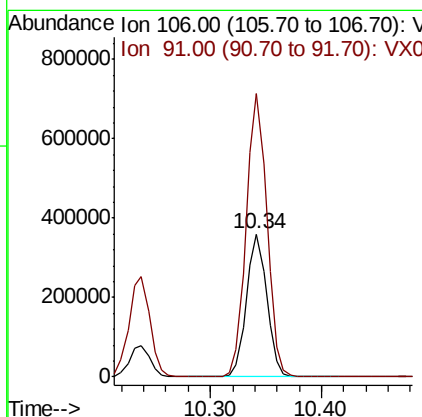
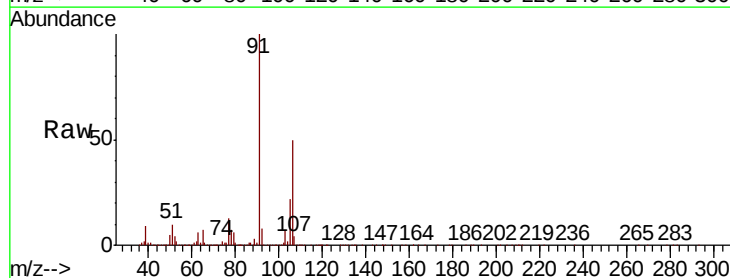
Instrument :
MSVOA_X
ClientSampleID :
1754DL

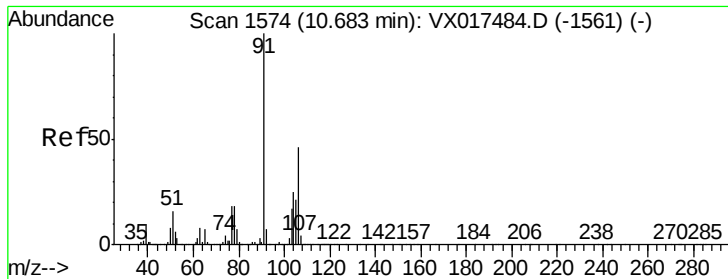
Tot Ion: 91 Resp: 331417
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 41.209 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

Tgt Ion: 106 Resp: 456119
Ion Ratio Lower Upper
106 100
91 202.2 160.9 241.3

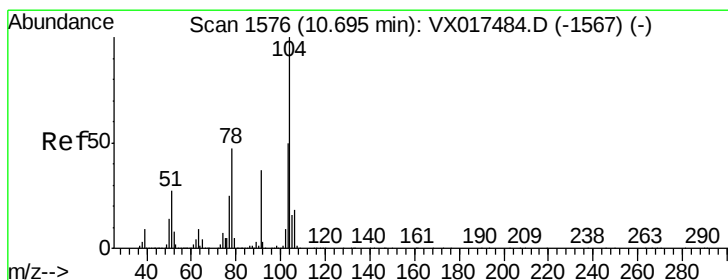
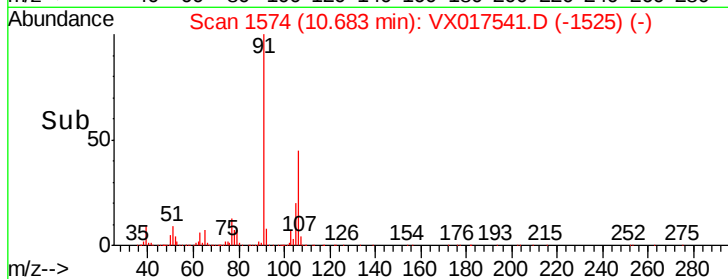
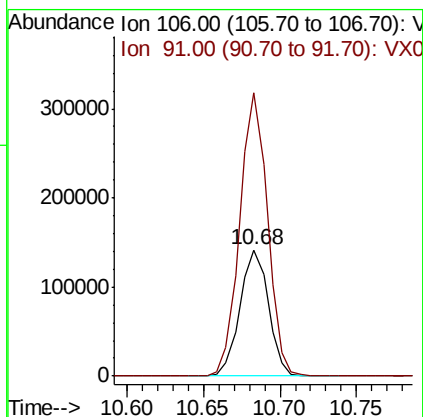
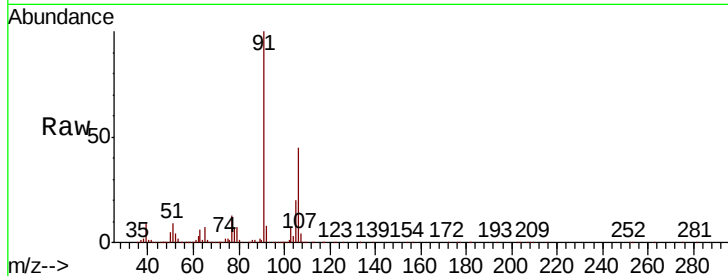




#69
o-Xylene
Concen: 17.347 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

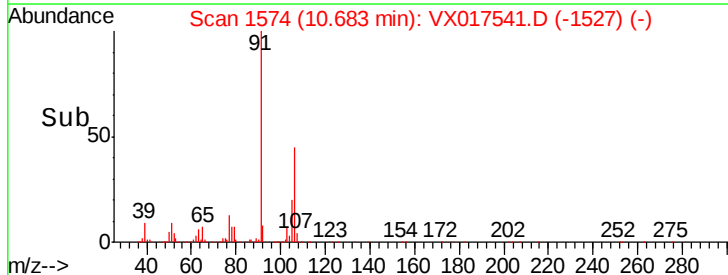
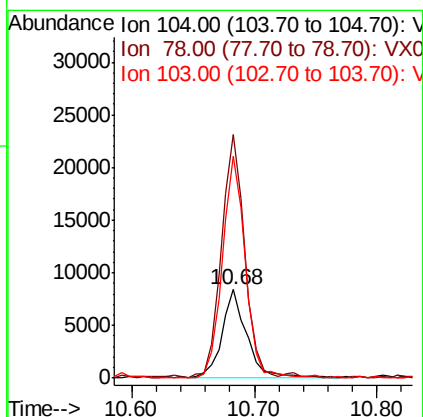
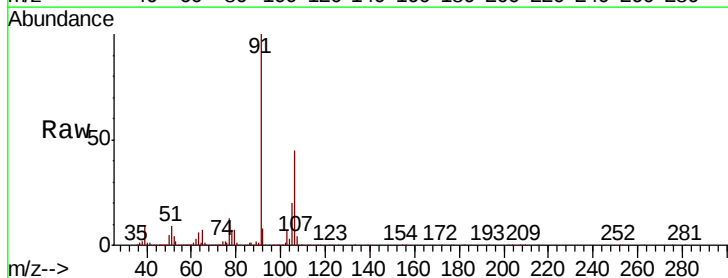
Instrument :
MSVOA_X
ClientSampleId :
1754DL

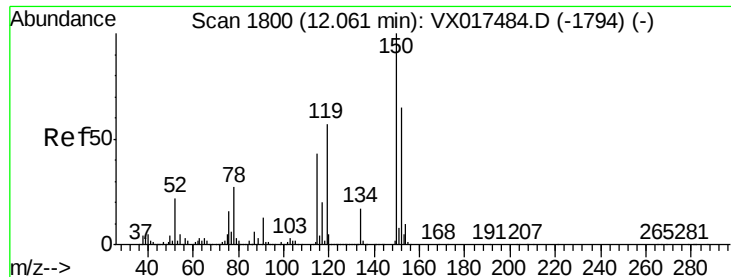
Tot Ion:106 Resp: 184660
Ion Ratio Lower Upper
106 100
91 217.5 108.2 324.6



#70
Styrene
Concen: 0.654 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017541.D
Acq: 24 Jul 2020 14:36

Tgt Ion:104 Resp: 11839
Ion Ratio Lower Upper
104 100
78 253.0 42.5 63.7#
103 230.6 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

1754DL

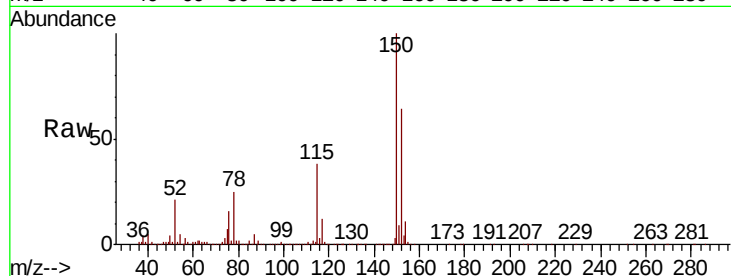
Tot Ion:152 Resp: 452297

Ion Ratio Lower Upper

152 100

115 57.8 65.5 196.6#

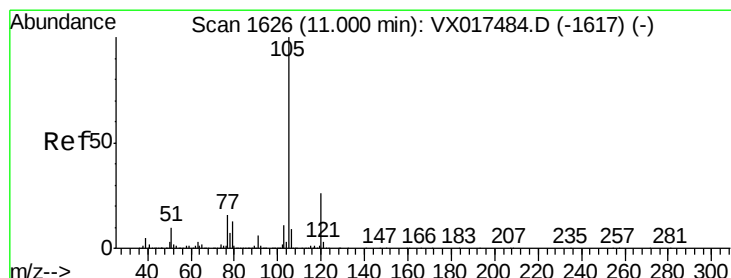
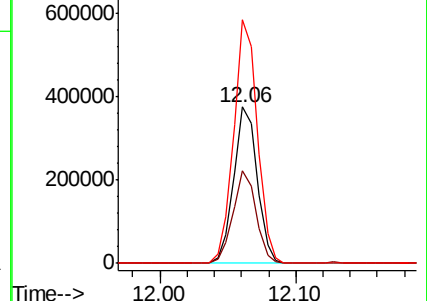
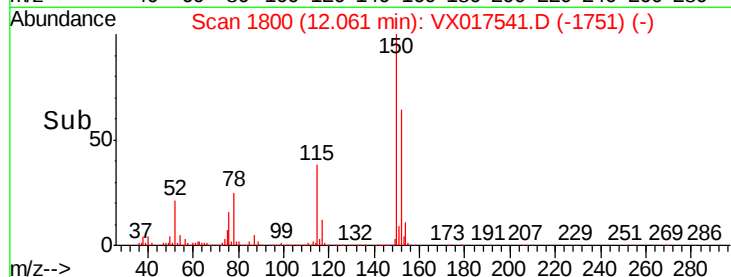
150 155.9 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.470 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017541.D

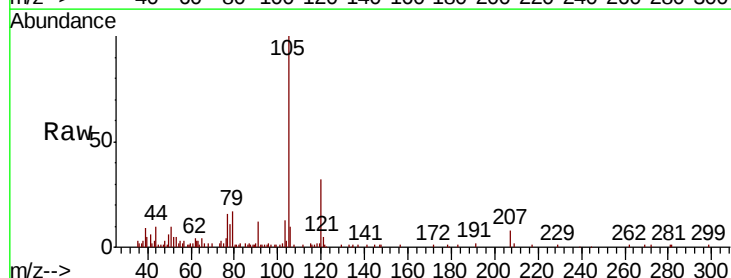
Acq: 24 Jul 2020 14:36

Tgt Ion:105 Resp: 14574

Ion Ratio Lower Upper

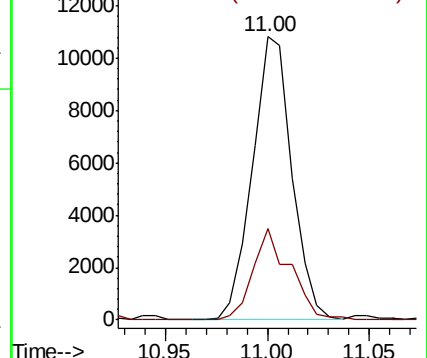
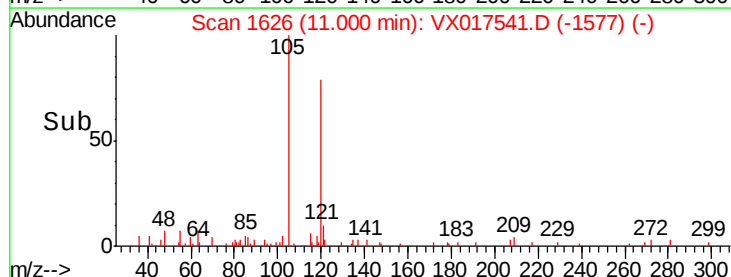
105 100

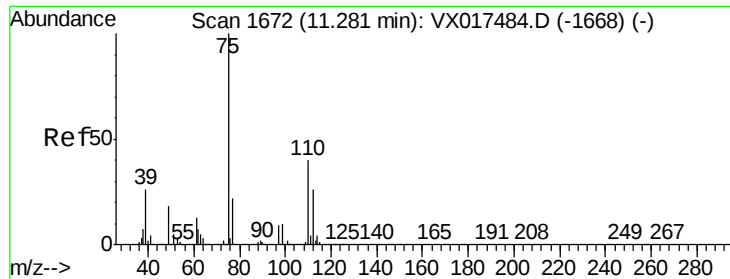
120 30.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 23.173 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

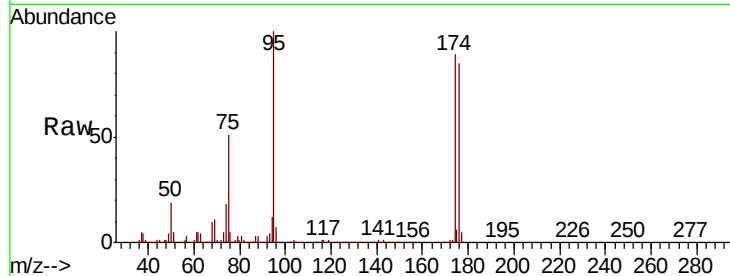
1754DL

Tot Ion: 75 Resp: 215599

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

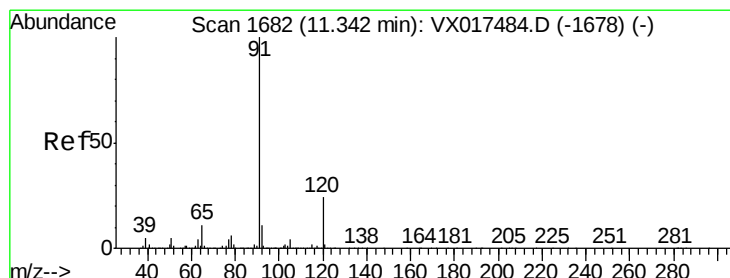
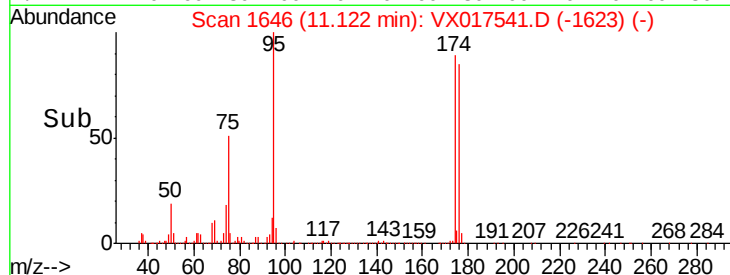
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 1.404 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017541.D

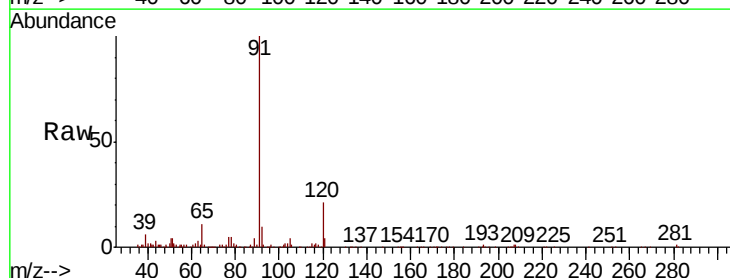
Acq: 24 Jul 2020 14:36

Tgt Ion: 91 Resp: 49142

Ion Ratio Lower Upper

91 100

120 23.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

40000

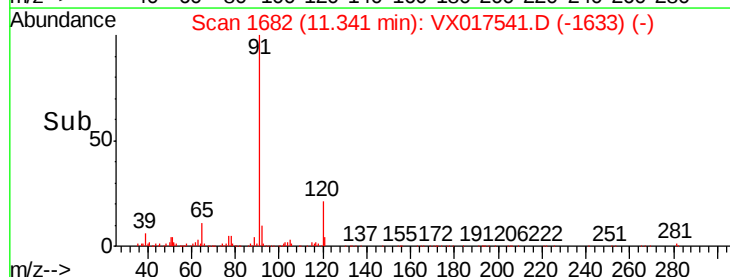
30000

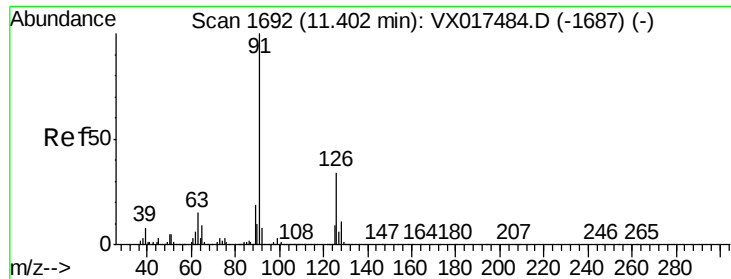
20000

10000

0

Time-->

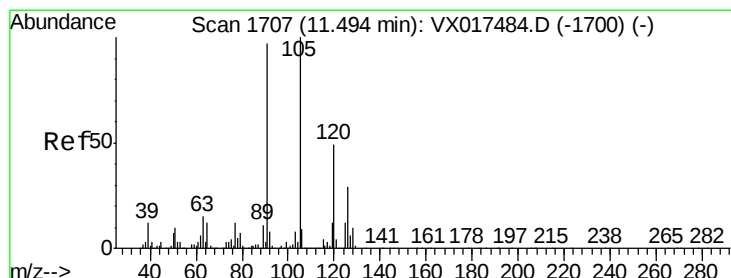
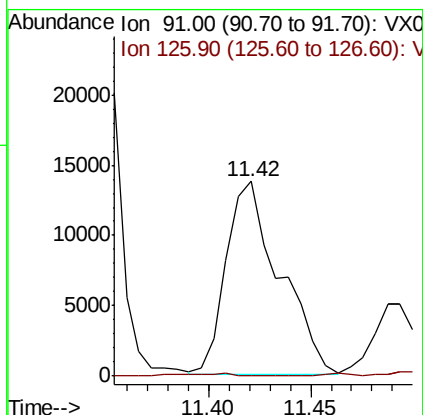
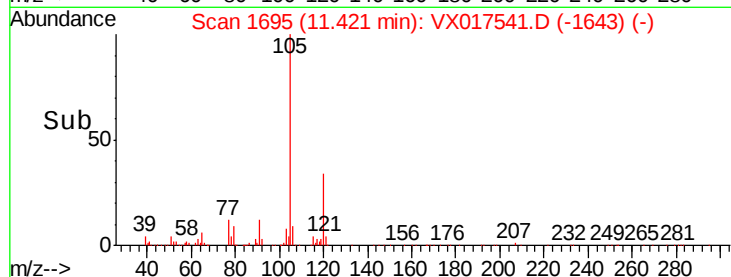
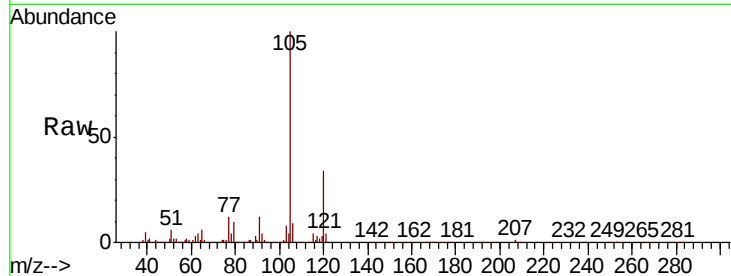




#79
 2-Chlorotoluene
 Concen: 1.163 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

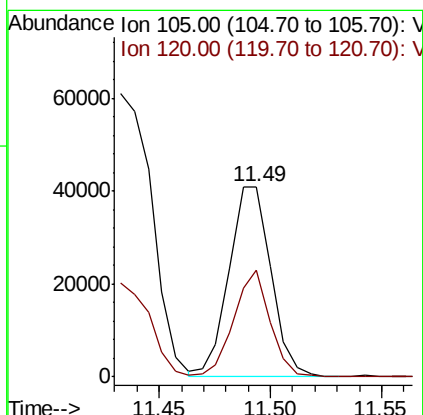
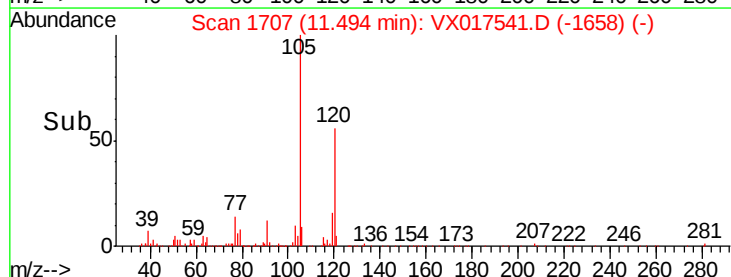
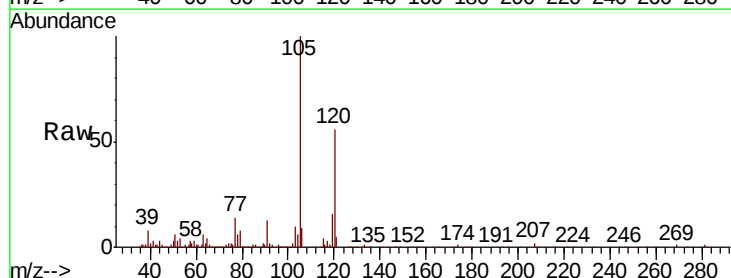
Instrument :
 MSVOA_X
 ClientSampleId :
 1754DL

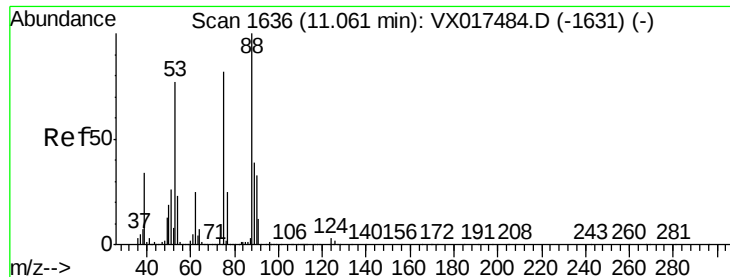
Tot Ion: 91 Resp: 25214
 Ion Ratio Lower Upper
 91 100
 126 1.1 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.038 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

Tgt Ion: 105 Resp: 53983
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 58.390 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

1754DL

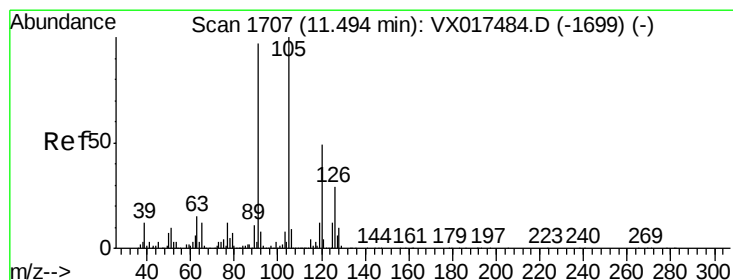
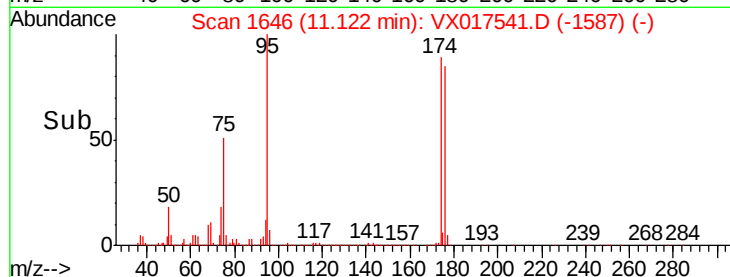
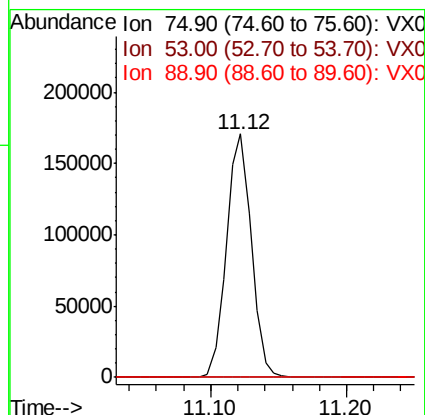
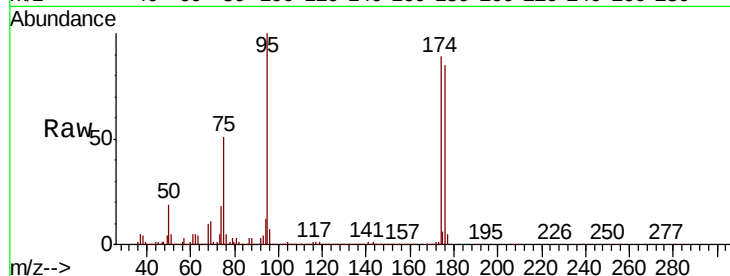
Tot Ion: 75 Resp: 215599

Ion Ratio Lower Upper

75 100

53 0.3 75.9 113.9#

89 0.2 37.8 56.6#



#82

4-Chlorotoluene

Concen: 0.284 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017541.D

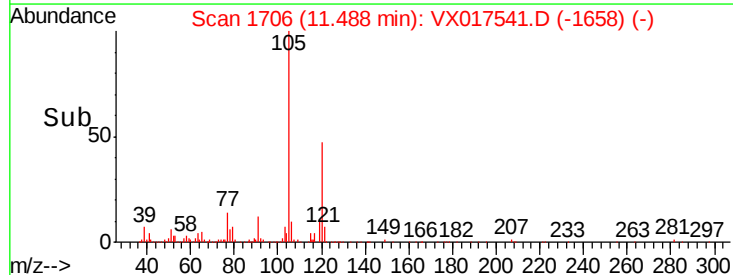
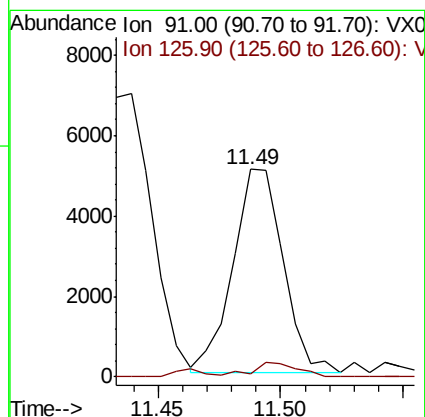
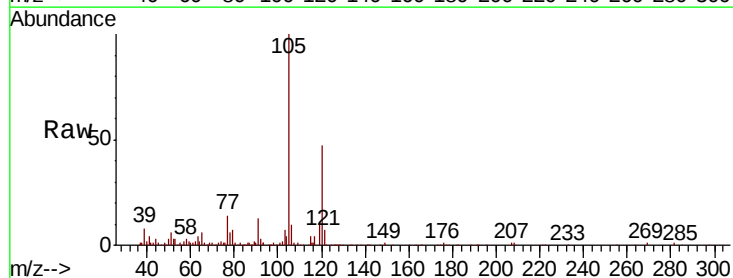
Acq: 24 Jul 2020 14:36

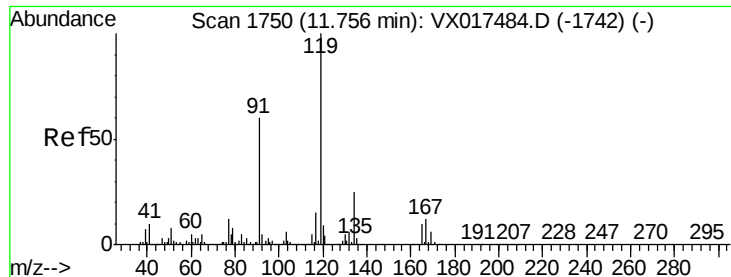
Tgt Ion: 91 Resp: 7253

Ion Ratio Lower Upper

91 100

126 6.2 15.2 45.6#





#83

tert-Butylbenzene

Concen: 1.121 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

1754DL

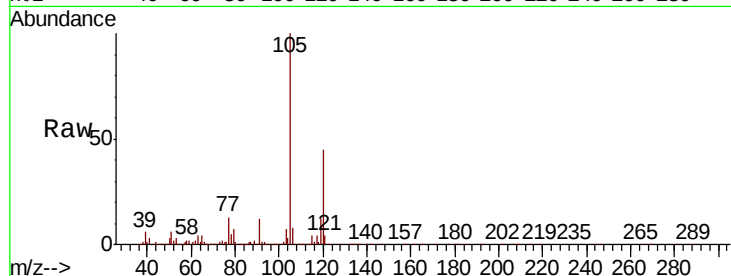
Tot Ion:119 Resp: 28405

Ion Ratio Lower Upper

119 100

91 94.5 29.3 88.0#

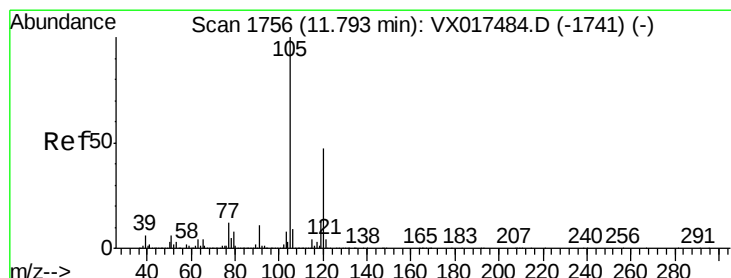
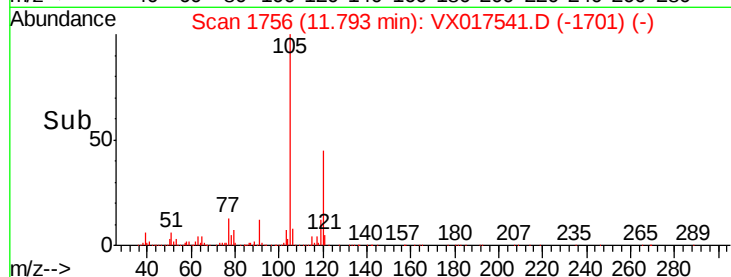
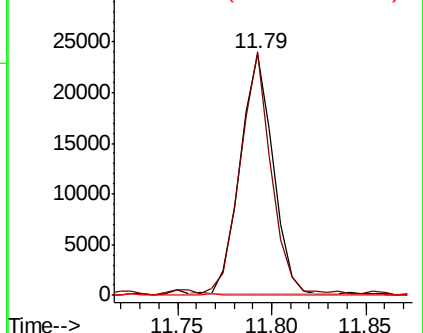
134 0.0 11.2 33.6#



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: 8.773 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017541.D

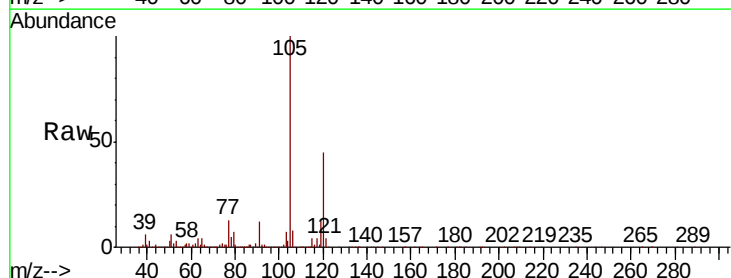
Acq: 24 Jul 2020 14:36

Tgt Ion:105 Resp: 231175

Ion Ratio Lower Upper

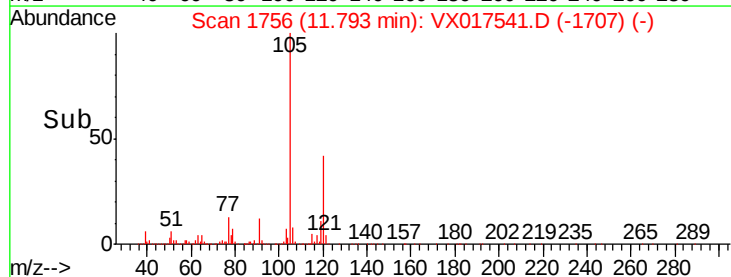
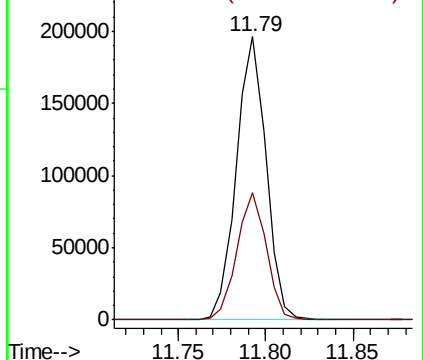
105 100

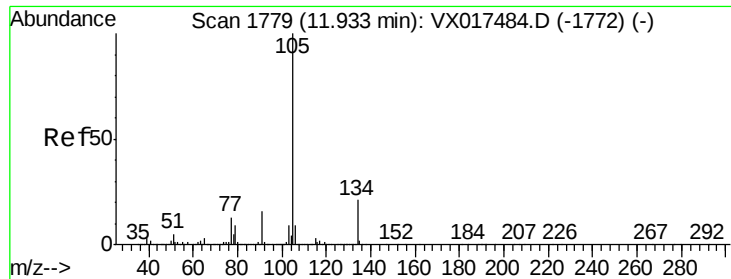
120 44.7 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

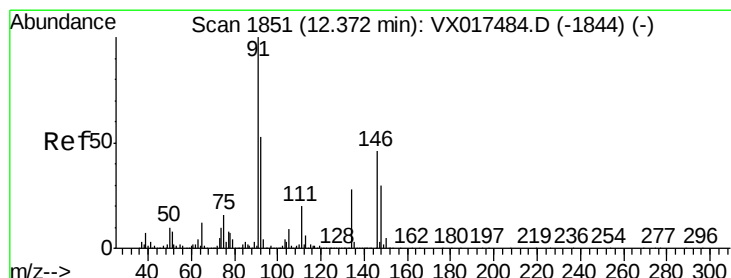
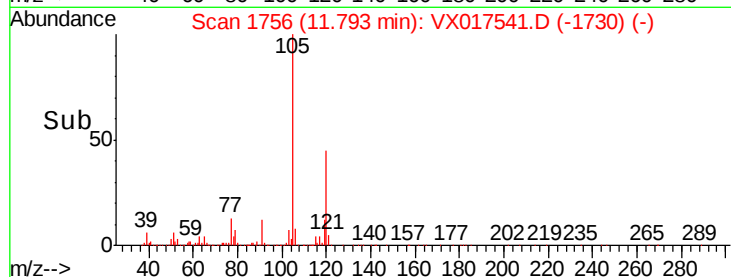
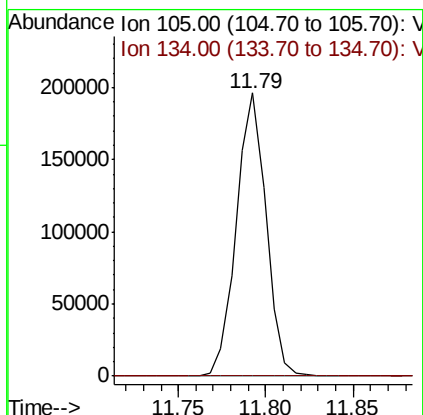
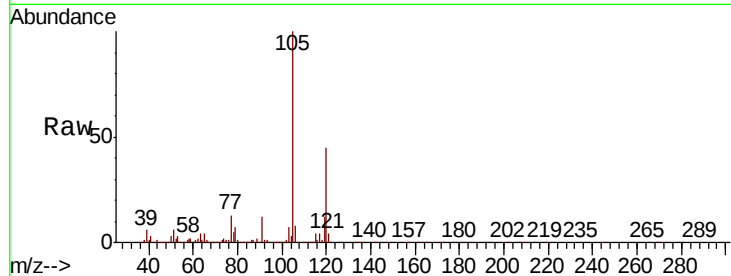




#85
 sec-Butylbenzene
 Concen: 7.828 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

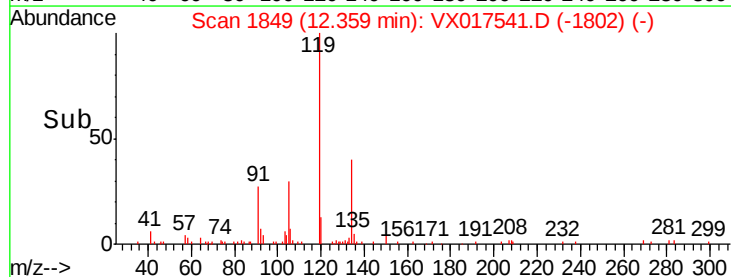
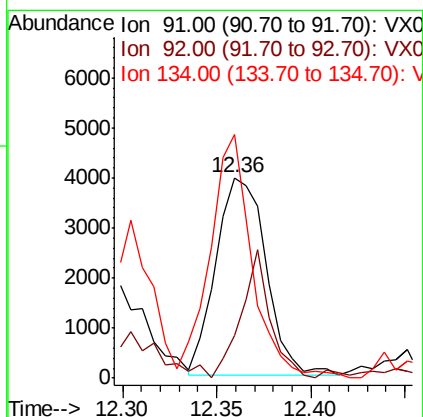
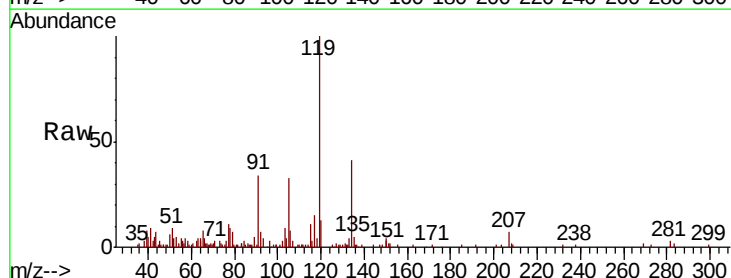
Instrument :
 MSVOA_X
 ClientSampleId :
 1754DL

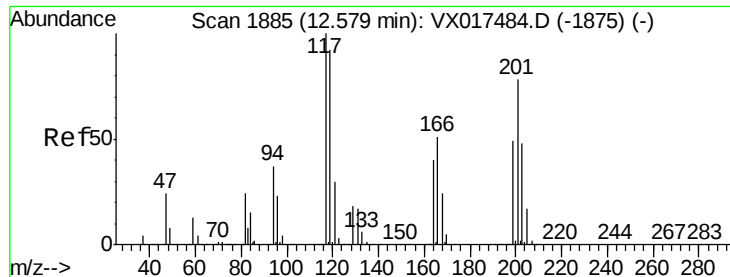
Tot Ion:105 Resp: 231175
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#89
 n-Butylbenzene
 Concen: 0.292 ug/l
 RT: 12.36 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: VX017541.D
 Acq: 24 Jul 2020 14:36

Tgt Ion: 91 Resp: 7311
 Ion Ratio Lower Upper
 91 100
 92 37.5 26.7 80.1
 134 103.3 13.6 40.7#





#90

Hexachloroethane

Concen: 0.568 ug/l

RT: 12.59 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleID :

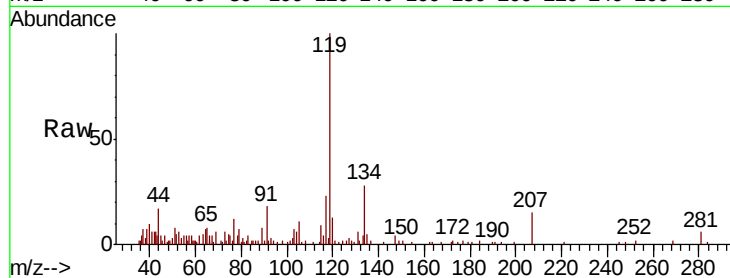
1754DL

Tot Ion:117 Resp: 3149

Ion Ratio Lower Upper

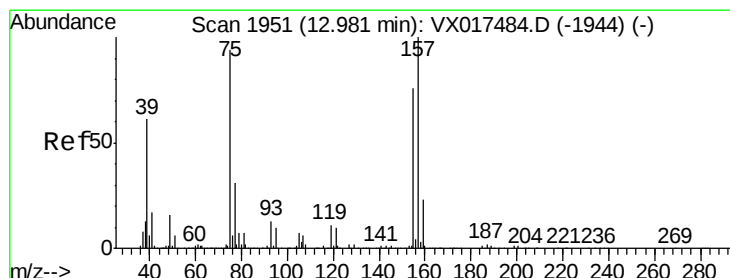
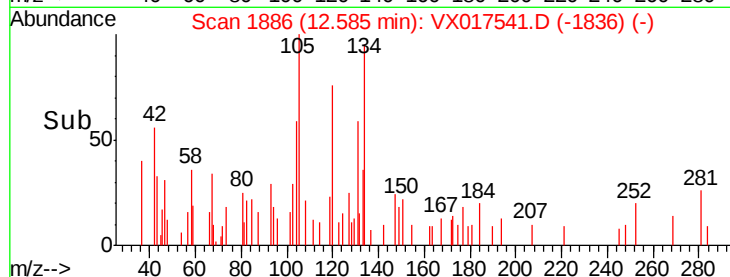
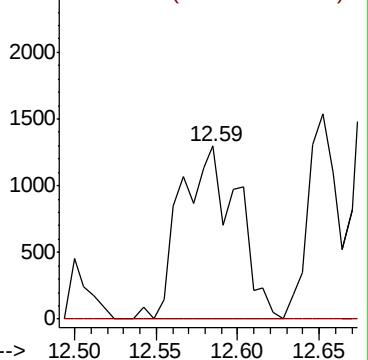
117 100

201 0.0 42.2 126.6#



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: 2.761 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

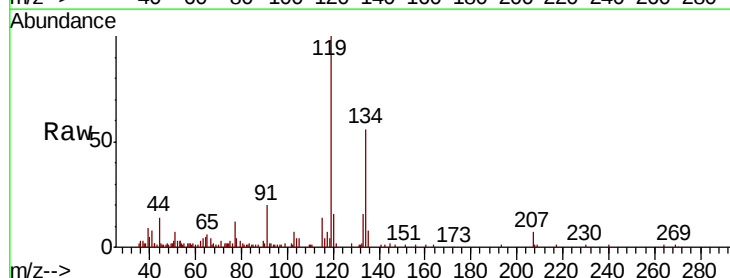
Tgt Ion: 75 Resp: 532

Ion Ratio Lower Upper

75 100

155 3.9 42.3 126.8#

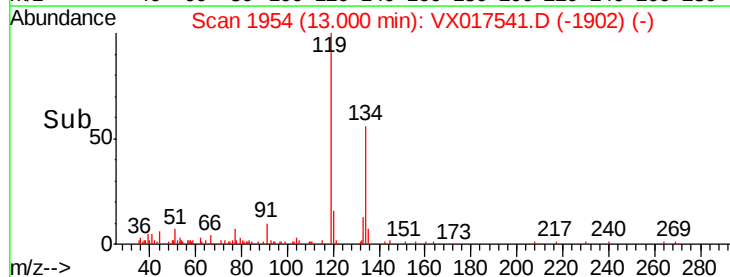
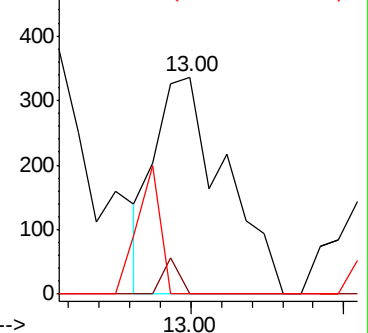
157 19.9 54.3 162.9#

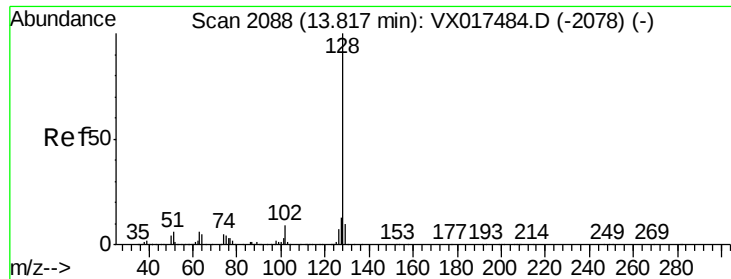


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.432 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017541.D

Acq: 24 Jul 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

1754DL

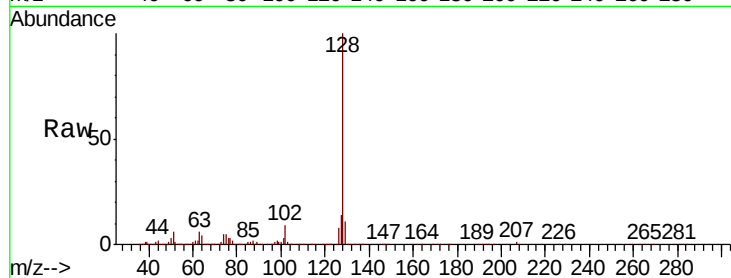
Tot Ion:128 Resp: 102496

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.6 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

