

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002791.D
 Acq On : 28 May 2020 16:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 28 17:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	475858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	446252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	142900	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
35) Dibromofluoromethane	7.72	113	148034	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
50) Toluene-d8	10.18	98	572873	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.48	95	199283	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	97788	44.851	ug/l	98
3) Chloromethane	2.12	50	115606	47.937	ug/l	99
4) Vinyl Chloride	2.25	62	125338	49.172	ug/l	98
5) Bromomethane	2.65	94	94556	49.501	ug/l	98
6) Chloroethane	2.79	64	82222	49.759	ug/l	99
7) Trichlorofluoromethane	3.13	101	218598	48.421	ug/l	98
8) Diethyl Ether	3.53	74	84565	47.973	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	136157	50.797	ug/l	98
10) Methyl Iodide	4.10	142	185539	49.469	ug/l	99
11) Tert butyl alcohol	4.97	59	80420	273.144	ug/l	100
12) 1,1-Dichloroethene	3.88	96	136477	50.629	ug/l	99
13) Acrolein	3.73	56	75886	235.367	ug/l	100
14) Allyl chloride	4.49	41	206526	53.419	ug/l	98
15) Acrylonitrile	5.17	53	213599	268.594	ug/l	100
16) Acetone	3.96	43	165331	256.273	ug/l	99
17) Carbon Disulfide	4.19	76	401105	49.241	ug/l	97
18) Methyl Acetate	4.48	43	88489	54.755	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	388337	52.184	ug/l	98
20) Methylene Chloride	4.72	84	159748	50.670	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	152460	50.292	ug/l	96
22) Diisopropyl ether	6.13	45	430855	53.629	ug/l	99
23) Vinyl Acetate	6.07	43	1457913	274.857	ug/l	99
24) 1,1-Dichloroethane	6.02	63	246596	52.471	ug/l	98
25) 2-Butanone	6.99	43	266134	264.778	ug/l	96
26) 2,2-Dichloropropane	6.99	77	218360	48.446	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	174027	51.280	ug/l	100
28) Bromochloromethane	7.34	49	101041	52.372	ug/l	98
29) Tetrahydrofuran	7.35	42	177014	270.749	ug/l	99
30) Chloroform	7.51	83	259545	52.044	ug/l	98
31) Cyclohexane	7.79	56	224396	48.090	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231095	49.728	ug/l	99
36) 1,1-Dichloropropene	7.92	75	200452	50.007	ug/l	100
37) Ethyl Acetate	7.08	43	116707	53.512	ug/l	99
38) Carbon Tetrachloride	7.91	117	215233	48.334	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	259101	49.039	ug/l	96
40) Benzene	8.16	78	597575	50.452	ug/l	99
41) Methacrylonitrile	7.35	41	159252	135.921	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	165930	49.988	ug/l	100
43) Isopropyl Acetate	8.28	43	218257	52.810	ug/l	100
44) Trichloroethene	8.94	130	186343	49.807	ug/l	99
45) 1,2-Dichloropropane	9.22	63	146763	51.670	ug/l	98
46) Dibromomethane	9.31	93	87257	51.727	ug/l	99
47) Bromodichloromethane	9.50	83	206689	51.974	ug/l	99
48) Methyl methacrylate	9.30	41	99258	53.201	ug/l	98
49) 1,4-Dioxane	9.30	88	27702	1069.517	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	585339	267.465	ug/l	98
52) Toluene	10.24	92	385374	49.737	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	221705	51.042	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	252110	51.223	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	131646	50.975	ug/l	96
56) Ethyl methacrylate	10.51	69	183745	53.120	ug/l	99
57) 1,3-Dichloropropane	10.79	76	217796	51.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	441481	261.199	ug/l	99
59) 2-Hexanone	10.83	43	412199	265.460	ug/l	100
60) Dibromochloromethane	10.99	129	167013	51.009	ug/l	100
61) 1,2-Dibromoethane	11.09	107	129668	50.899	ug/l	100
64) Tetrachloroethene	10.72	164	192940	47.572	ug/l	99
65) Chlorobenzene	11.52	112	439427	49.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	166394	50.090	ug/l	100
67) Ethyl Benzene	11.59	91	752492	49.212	ug/l	100
68) m/p-Xylenes	11.70	106	588001	99.181	ug/l	99
69) o-Xylene	12.03	106	276696	49.439	ug/l	98
70) Styrene	12.04	104	491945	50.705	ug/l	99
71) Bromoform	12.20	173	111023	49.948	ug/l #	98
73) Isopropylbenzene	12.33	105	756423	49.359	ug/l	100
74) N-amyl acetate	12.14	43	208127	52.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	139882	52.022	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	203127	94.267	ug/l #	100
77) Bromobenzene	12.61	156	196968	49.360	ug/l	99
78) n-propylbenzene	12.67	91	877754	49.584	ug/l	99
79) 2-Chlorotoluene	12.75	91	492492	49.596	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	635810	49.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58944	51.536	ug/l	100
82) 4-Chlorotoluene	12.85	91	511487	49.163	ug/l	100
83) tert-Butylbenzene	13.07	119	568804	49.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	640727	49.799	ug/l	100
85) sec-Butylbenzene	13.25	105	770169	49.350	ug/l	100
86) p-Isopropyltoluene	13.37	119	723256	49.805	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	369568	48.893	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	370440	48.992	ug/l	99
89) n-Butylbenzene	13.69	91	658773	49.967	ug/l	100
90) Hexachloroethane	13.96	117	134405	49.439	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	337571	49.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26778	51.763	ug/l	96

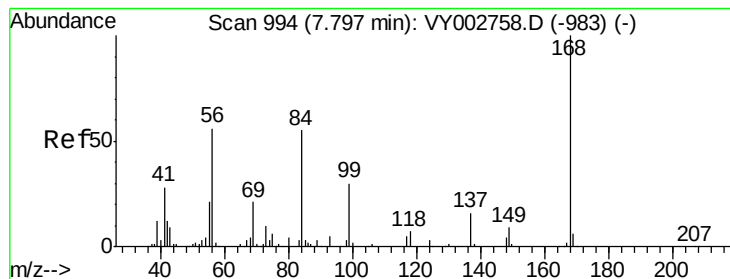
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	256099	49.565	ug/l	100
94) Hexachlorobutadiene	15.11	225	144433	49.285	ug/l	100
95) Naphthalene	15.23	128	523782	50.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228333	49.487	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

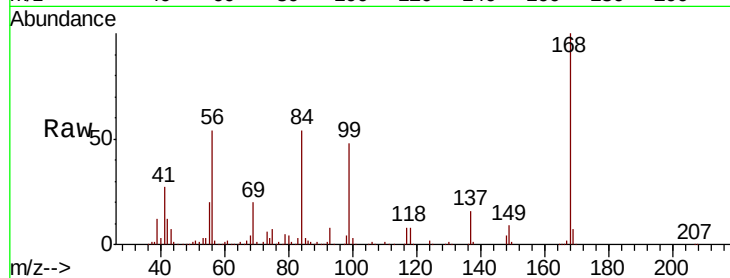
ClientSampleId :

Tot Ion:168 Resp: 316864

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

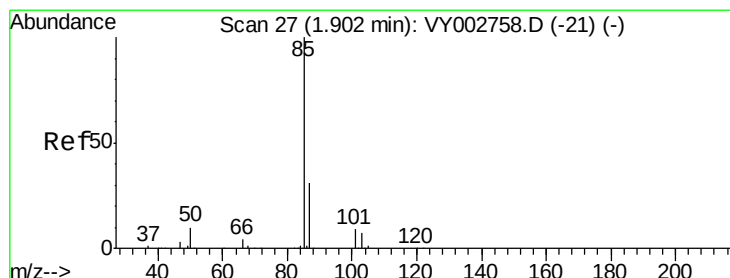
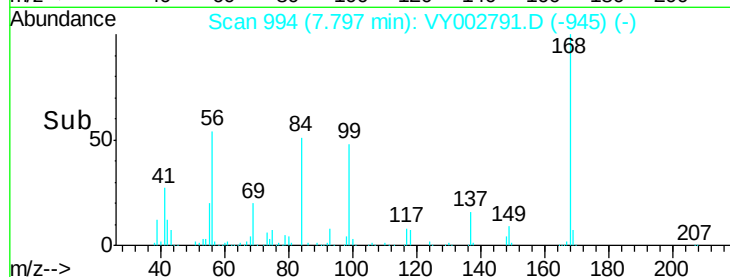
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.851 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002791.D

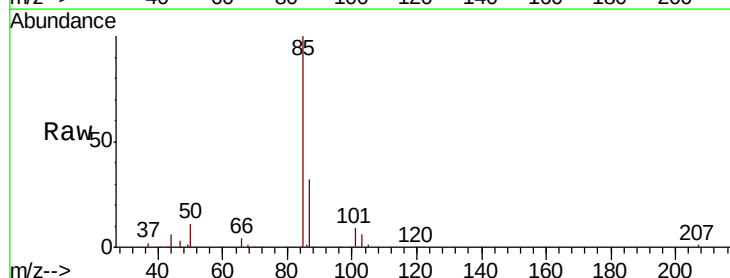
Acq: 28 May 2020 16:32

Tgt Ion: 85 Resp: 97788

Ion Ratio Lower Upper

85 100

87 32.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.90

80000

60000

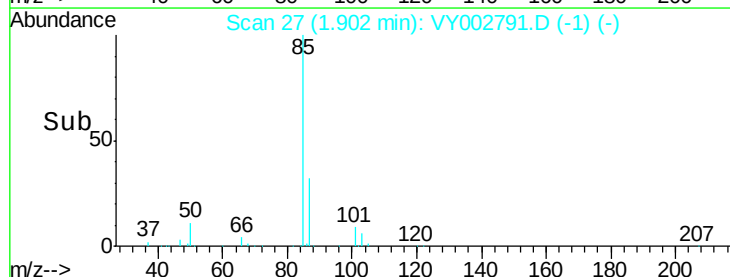
40000

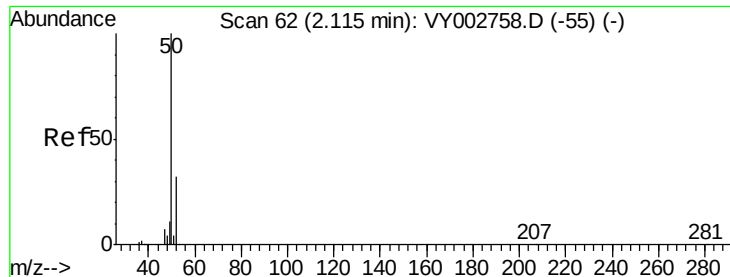
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.937 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

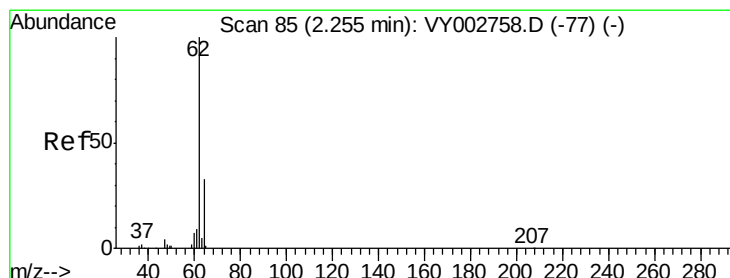
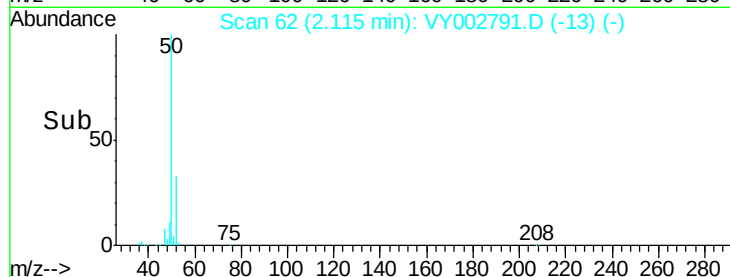
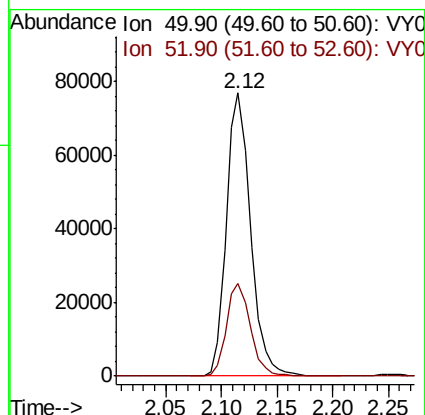
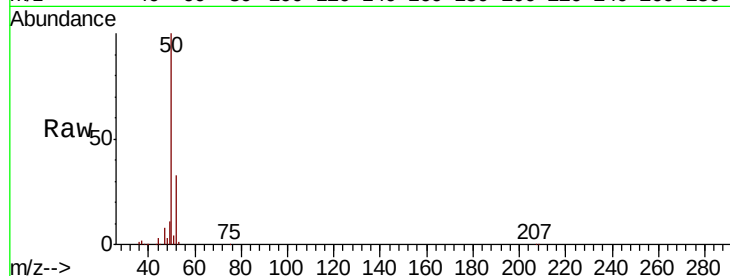
ClientSampleId :

Tot Ion: 50 Resp: 115606

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 49.172 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002791.D

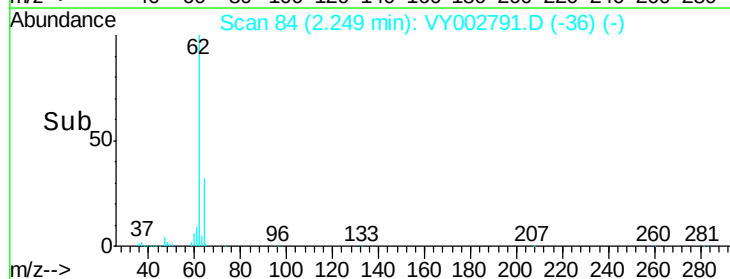
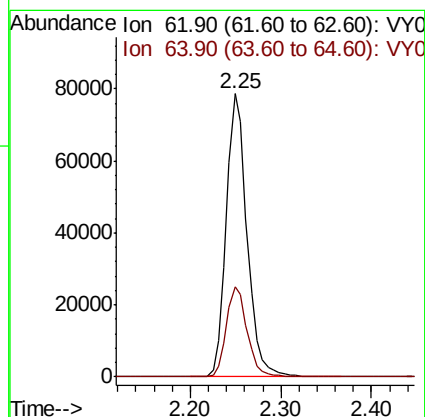
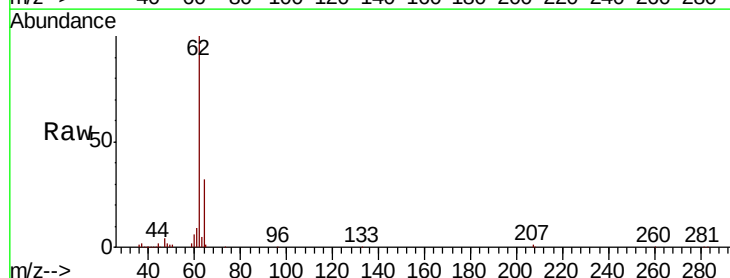
Acq: 28 May 2020 16:32

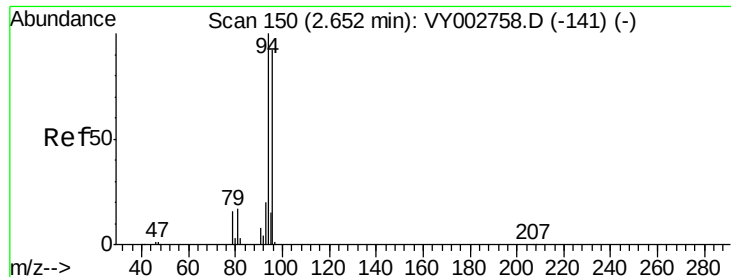
Tgt Ion: 62 Resp: 125338

Ion Ratio Lower Upper

62 100

64 31.7 26.1 39.1





#5

Bromomethane

Concen: 49.501 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

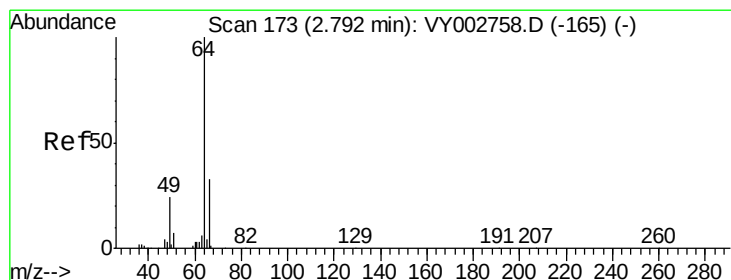
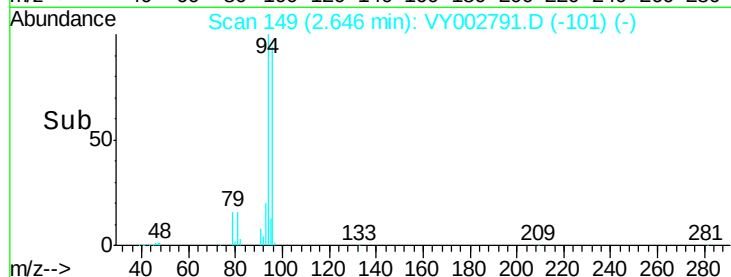
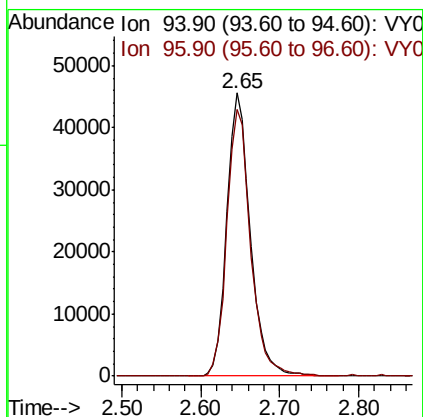
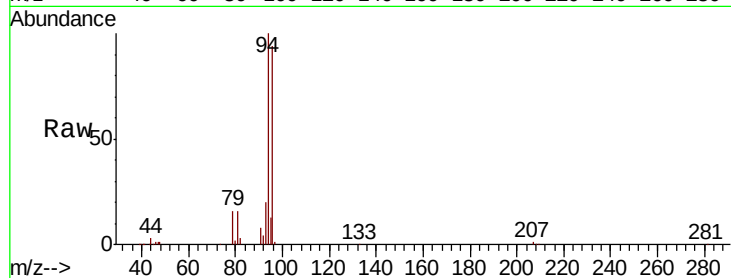
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 94556

Ion Ratio Lower Upper

94 100

96 94.3 73.7 110.5



#6

Chloroethane

Concen: 49.759 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002791.D

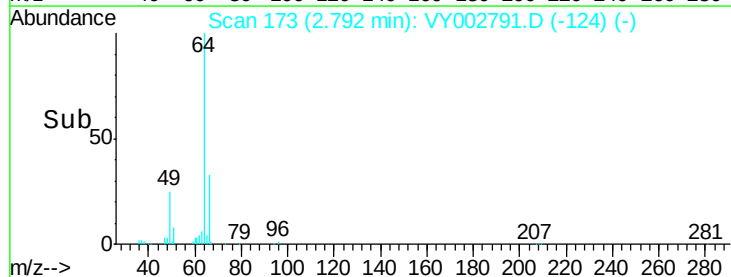
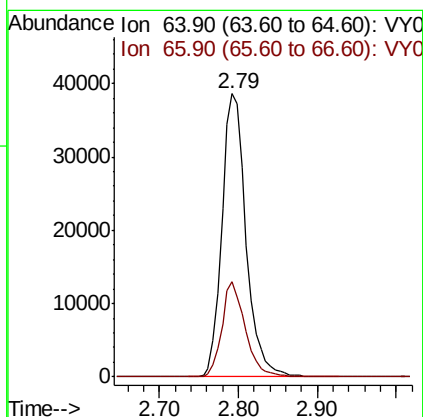
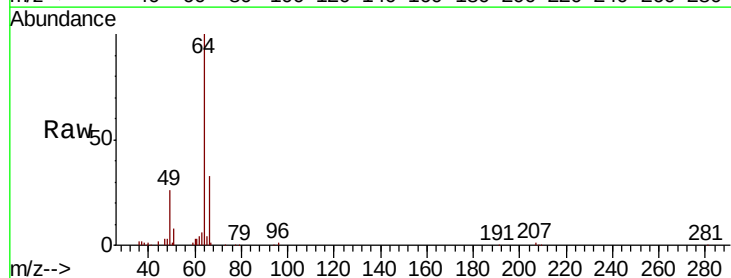
Acq: 28 May 2020 16:32

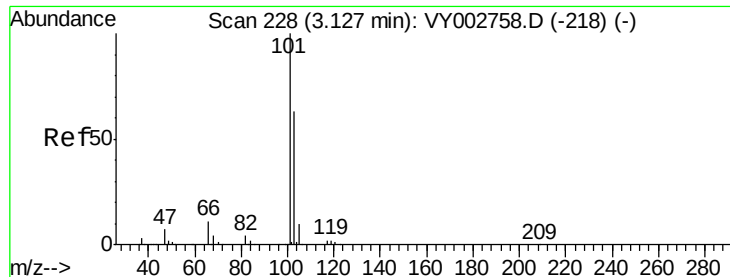
Tgt Ion: 64 Resp: 82222

Ion Ratio Lower Upper

64 100

66 33.4 26.4 39.6



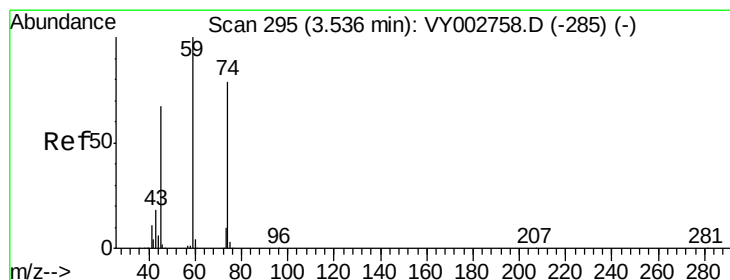
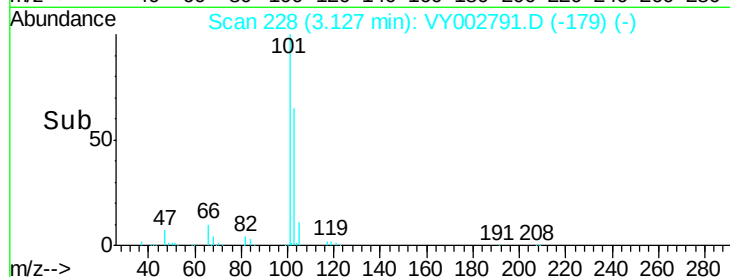
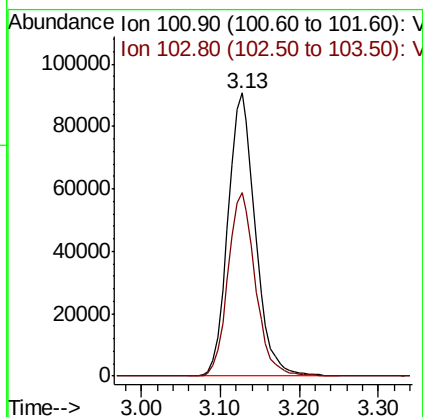
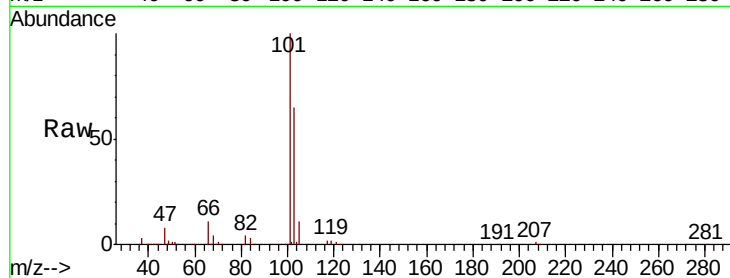


#7

Trichlorofluoromethane
 Concen: 48.421 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampled :

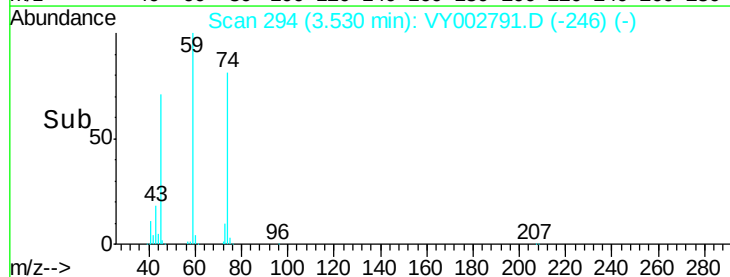
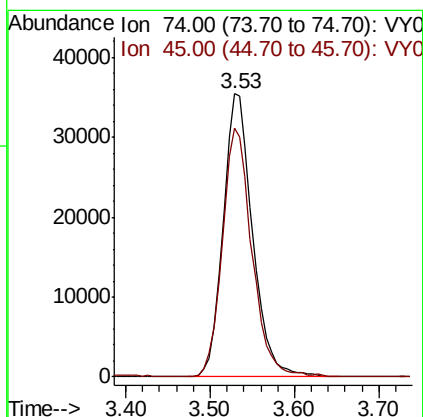
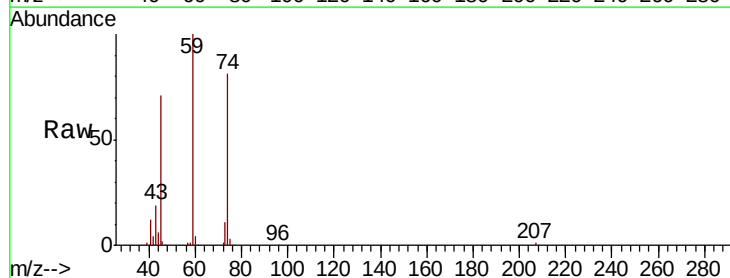
Tot Ion:101 Resp: 218598
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

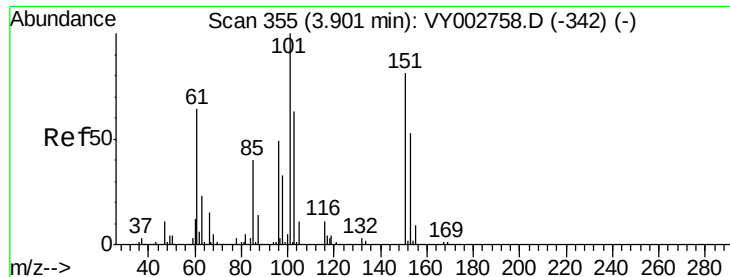


#8

Diethyl Ether
 Concen: 47.973 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 74 Resp: 84565
 Ion Ratio Lower Upper
 74 100
 45 88.5 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.797 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

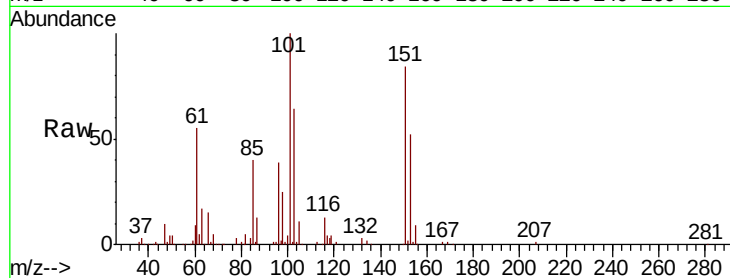
Tot Ion:101 Resp: 136157

Ion Ratio Lower Upper

101 100

85 42.5 32.7 49.1

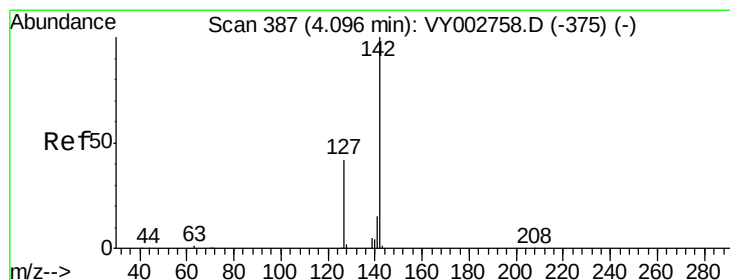
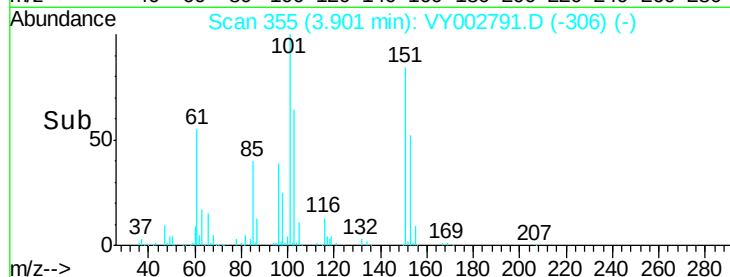
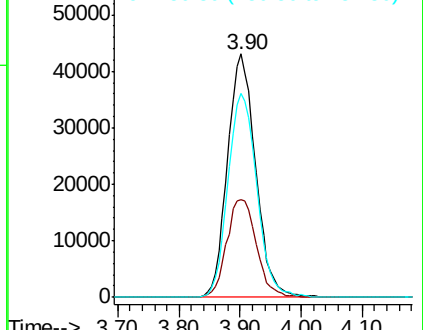
151 86.1 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.469 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

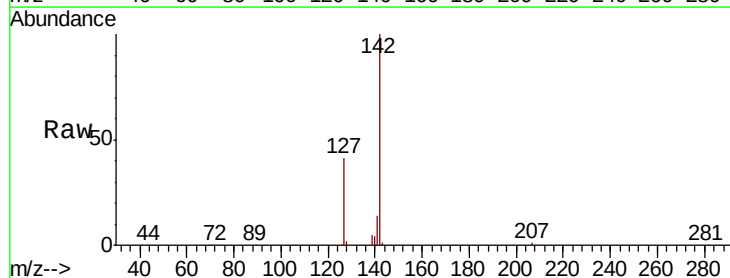
Tgt Ion:142 Resp: 185539

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

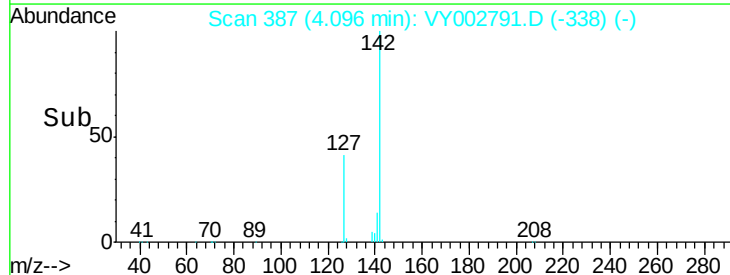
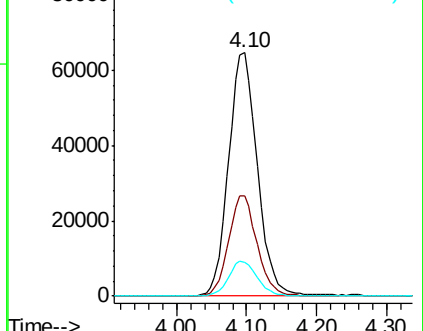
141 14.3 11.5 17.3

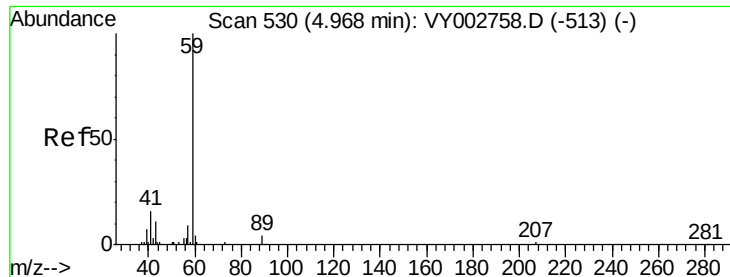


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



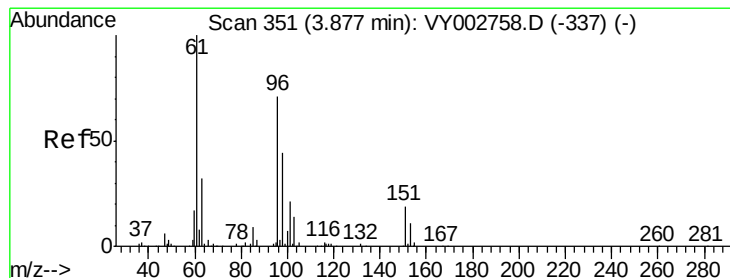
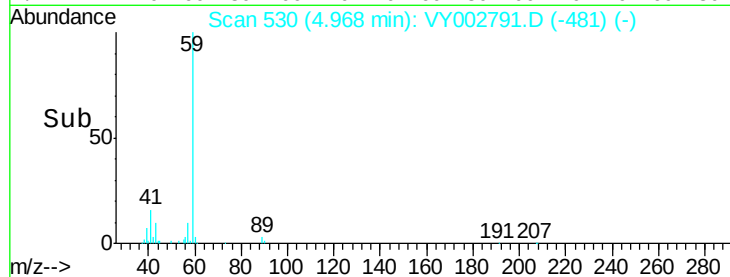
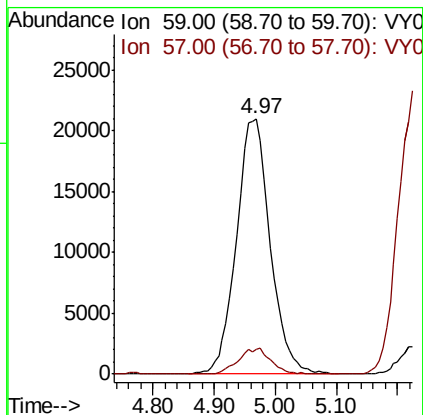
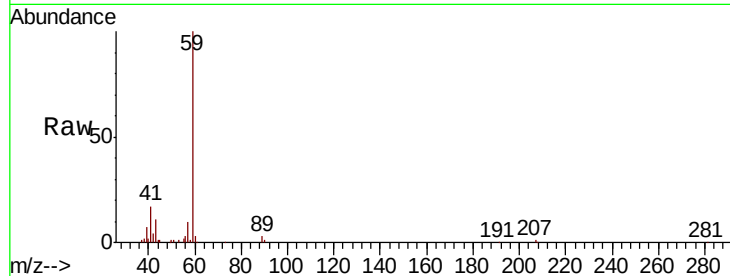


#11

Tert butyl alcohol
 Concen: 273.144 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :

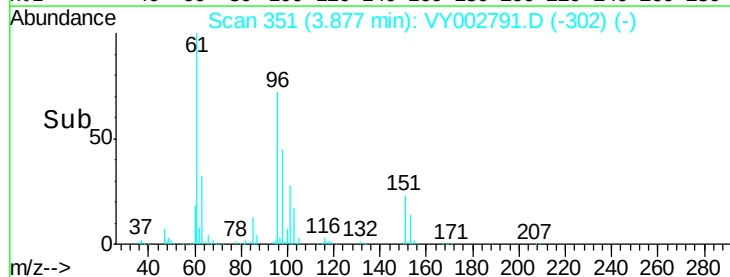
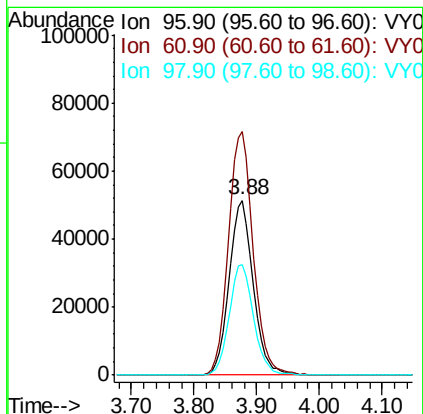
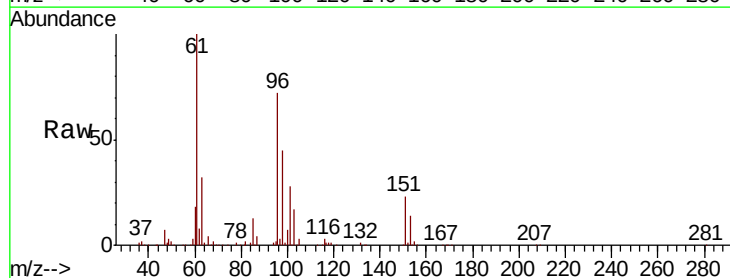
Tot Ion: 59 Resp: 80420
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.7 11.5

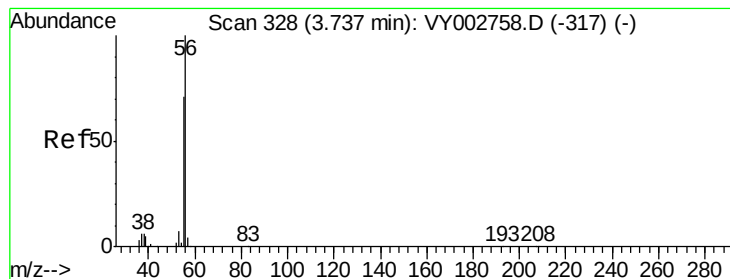


#12

1,1-Dichloroethene
 Concen: 50.629 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 96 Resp: 136477
 Ion Ratio Lower Upper
 96 100
 61 139.4 112.6 168.8
 98 63.1 50.0 75.0





#13

Acrolein

Concen: 235.367 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

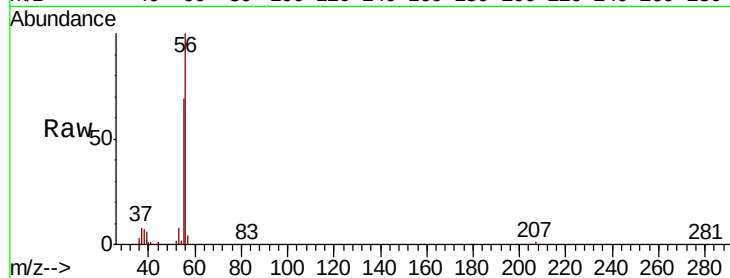
ClientSampleId :

Tot Ion: 56 Resp: 75886

Ion Ratio Lower Upper

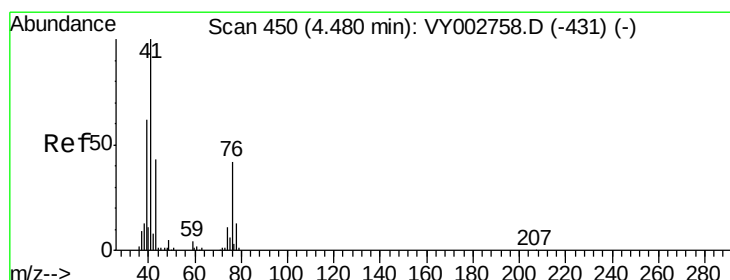
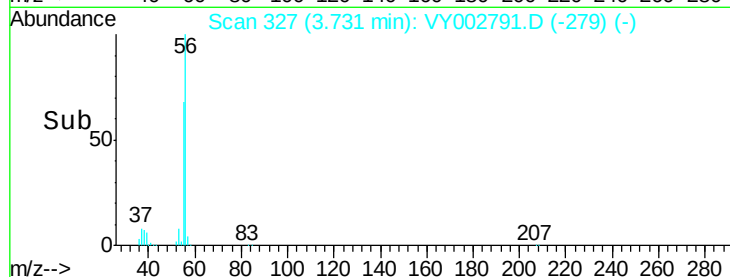
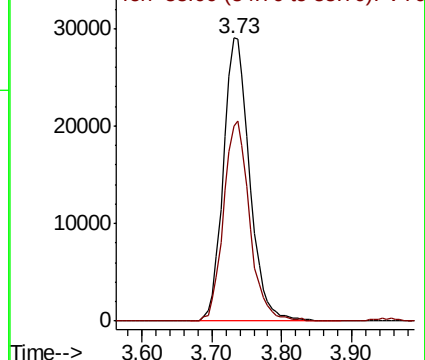
56 100

55 69.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.419 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

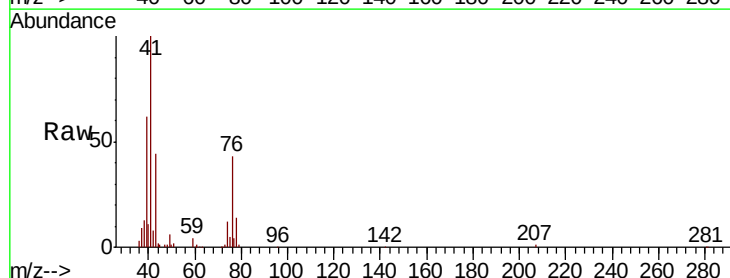
Tgt Ion: 41 Resp: 206526

Ion Ratio Lower Upper

41 100

39 61.1 49.9 74.9

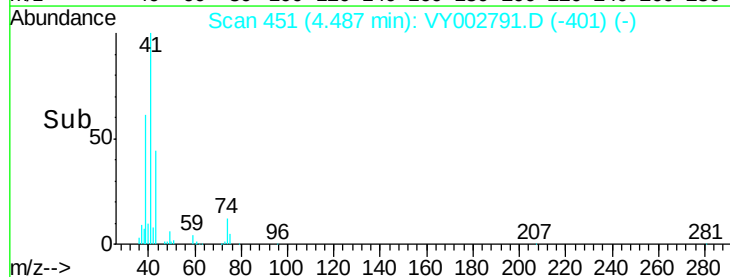
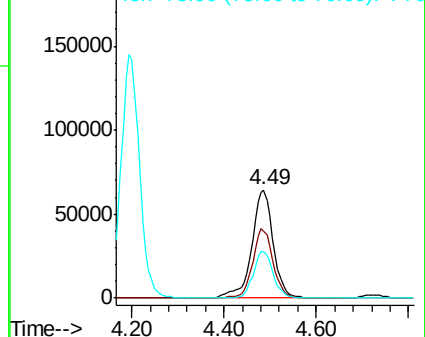
76 40.5 33.2 49.8

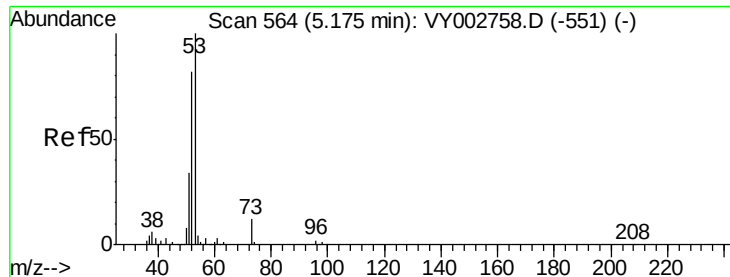


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 268.594 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

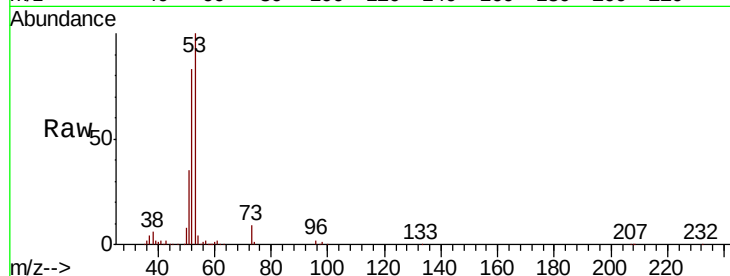
Tot Ion: 53 Resp: 213599

Ion Ratio Lower Upper

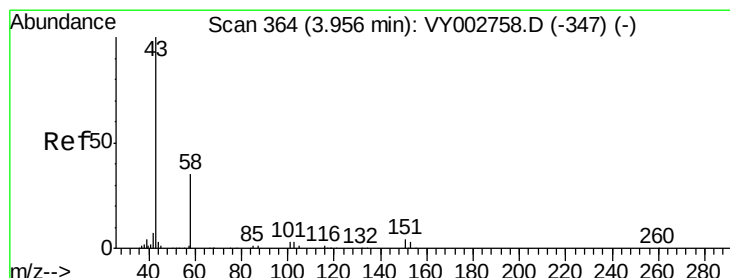
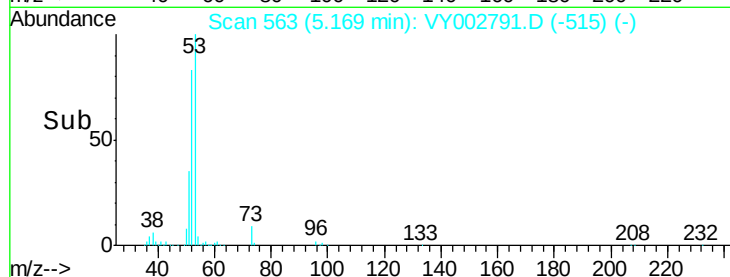
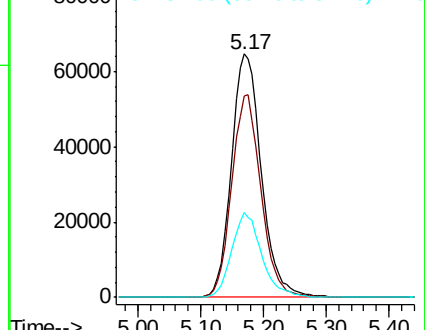
53 100

52 81.4 65.3 97.9

51 34.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 256.273 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002791.D

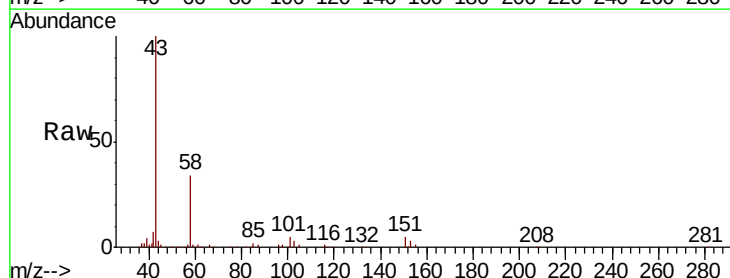
Acq: 28 May 2020 16:32

Tgt Ion: 43 Resp: 165331

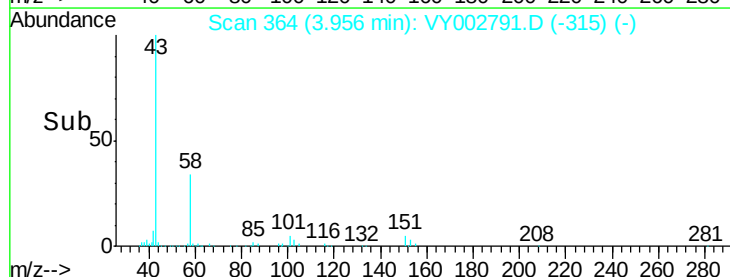
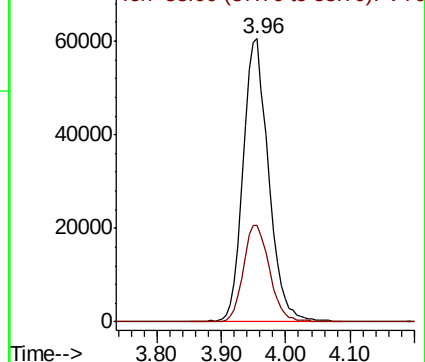
Ion Ratio Lower Upper

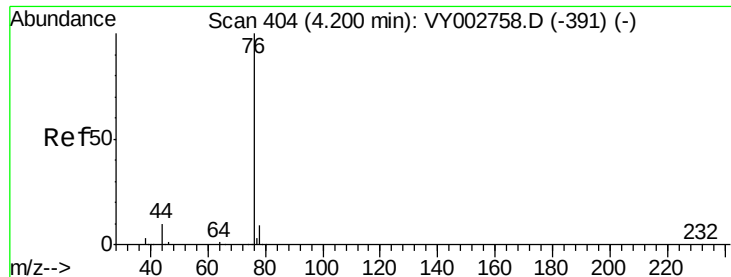
43 100

58 34.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 49.241 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

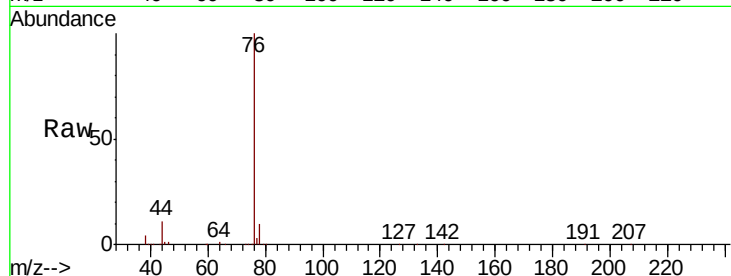
ClientSampleId :

Tot Ion: 76 Resp: 401105

Ion Ratio Lower Upper

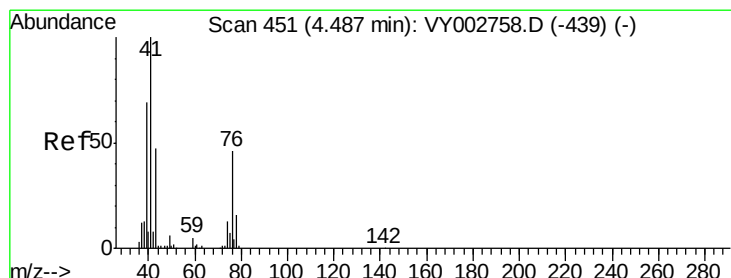
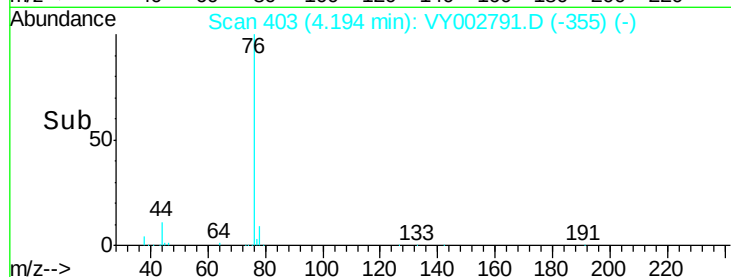
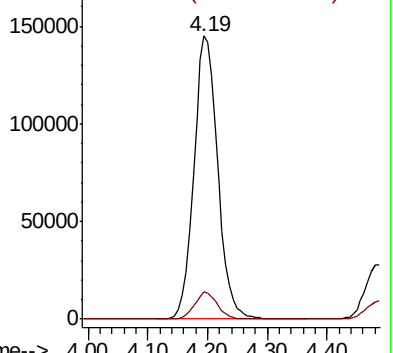
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 54.755 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002791.D

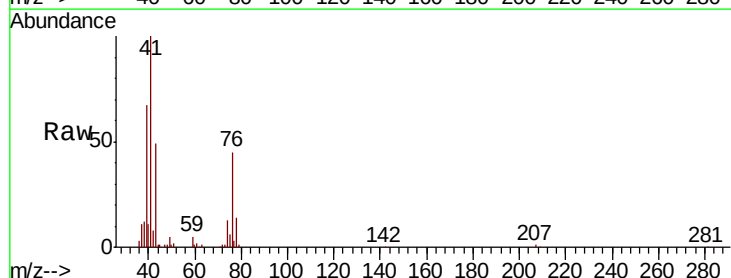
Acq: 28 May 2020 16:32

Tgt Ion: 43 Resp: 88489

Ion Ratio Lower Upper

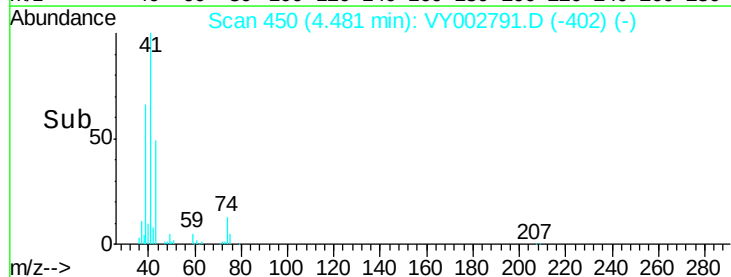
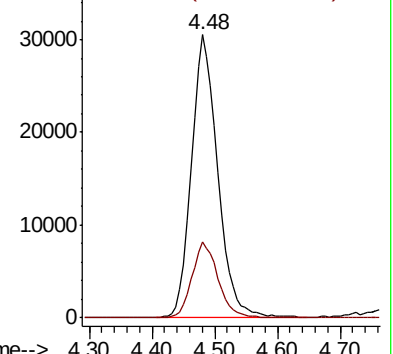
43 100

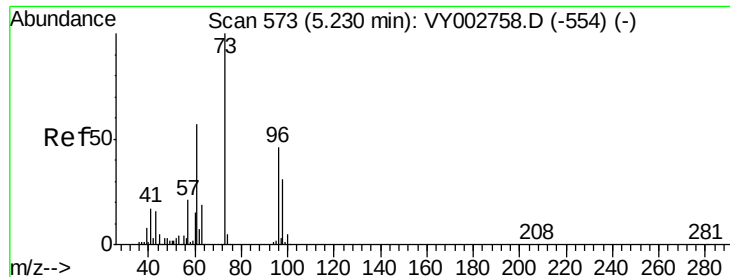
74 26.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



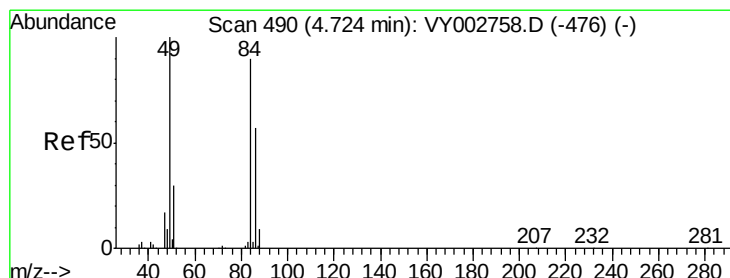
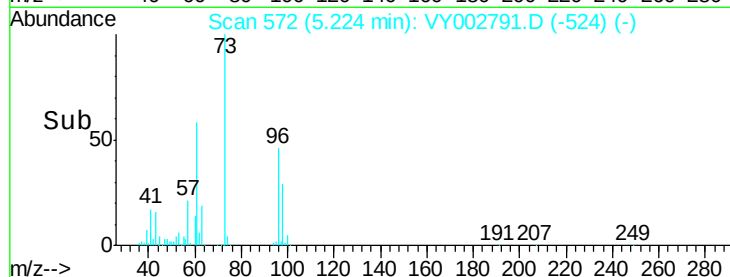
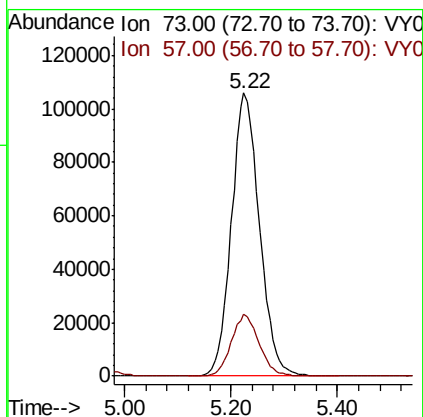
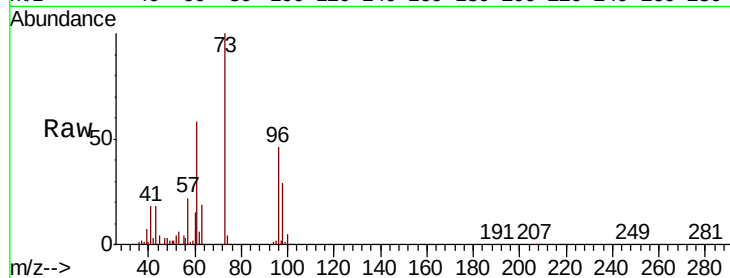


#19

Methyl tert-butyl Ether
 Concen: 52.184 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :

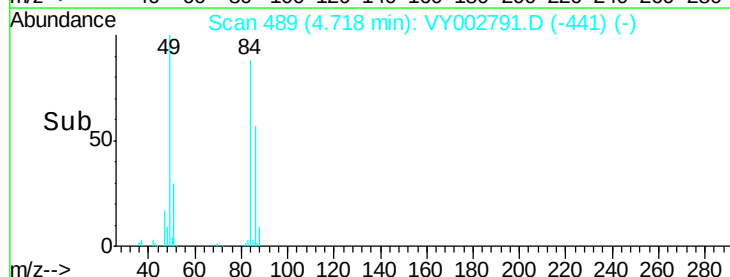
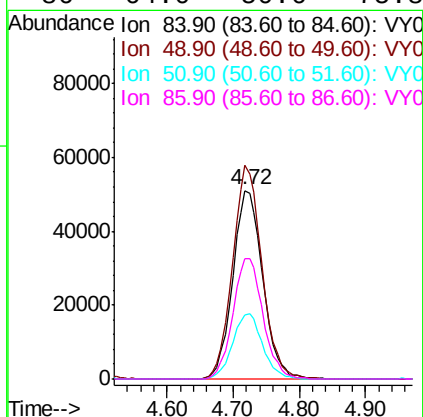
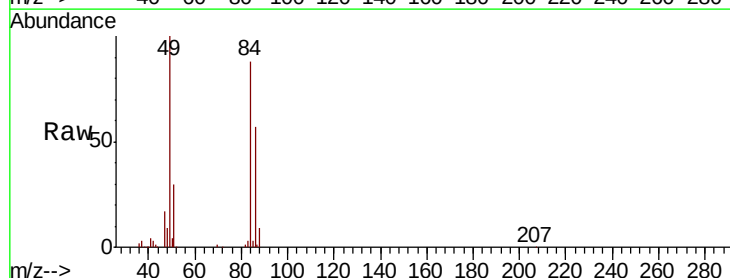
Tot Ion: 73 Resp: 388337
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.0 25.4

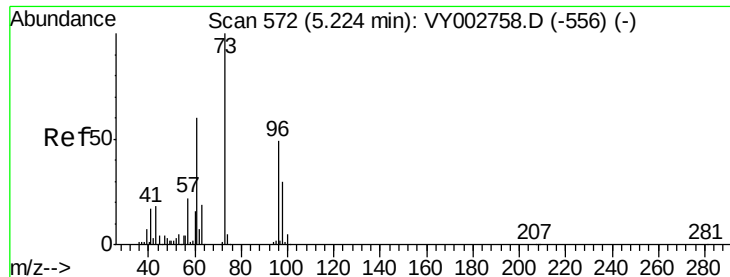


#20

Methylene Chloride
 Concen: 50.670 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 84 Resp: 159748
 Ion Ratio Lower Upper
 84 100
 49 113.3 88.5 132.7
 51 34.0 26.8 40.2
 86 64.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.292 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

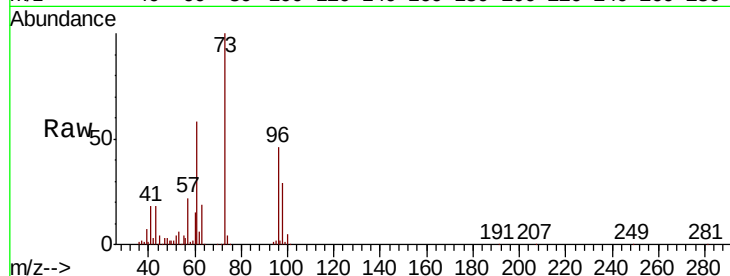
Tot Ion: 96 Resp: 152460

Ion Ratio Lower Upper

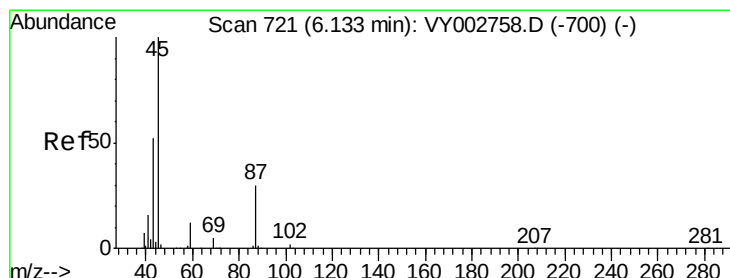
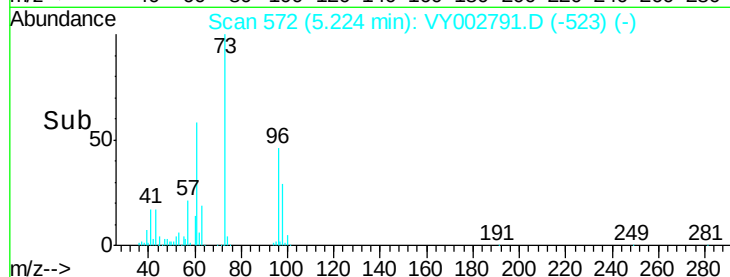
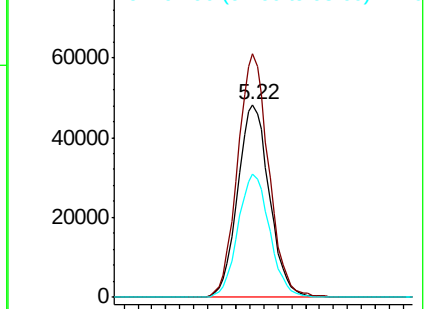
96 100

61 126.2 96.8 145.2

98 63.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.629 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion: 45 Resp: 430855

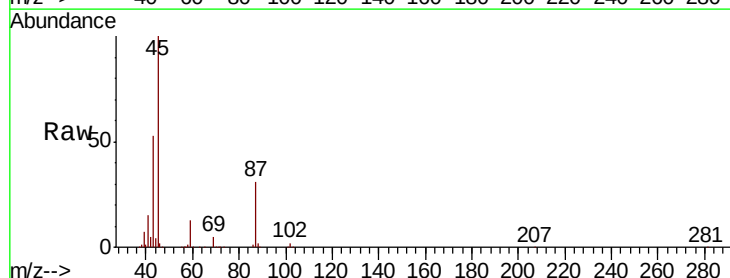
Ion Ratio Lower Upper

45 100

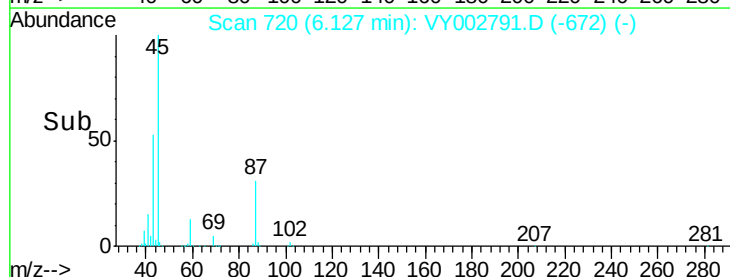
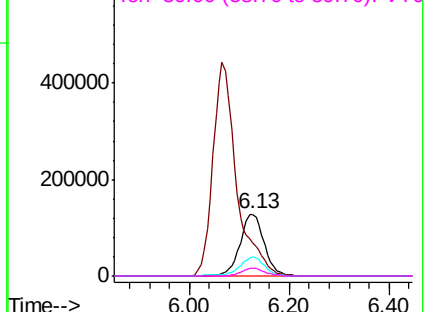
43 53.3 41.7 62.5

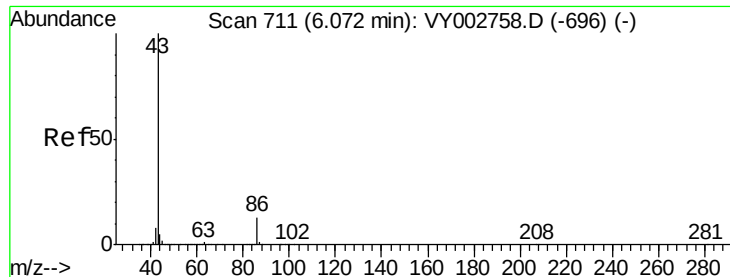
87 30.7 24.2 36.2

59 12.7 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 274.857 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

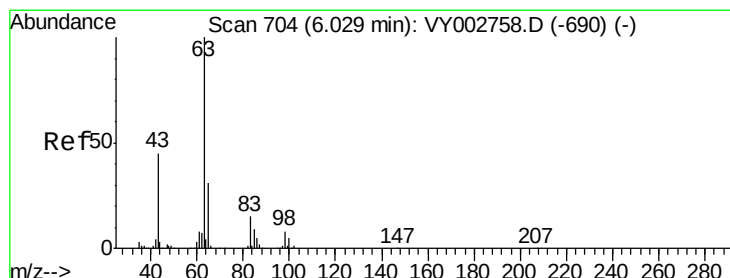
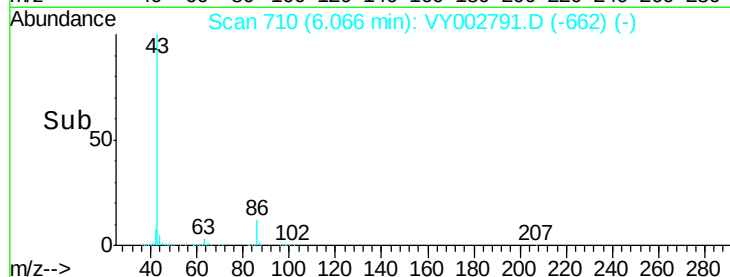
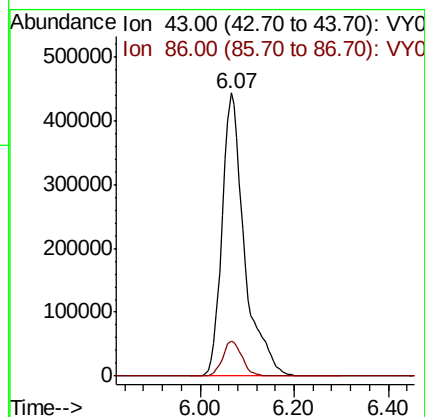
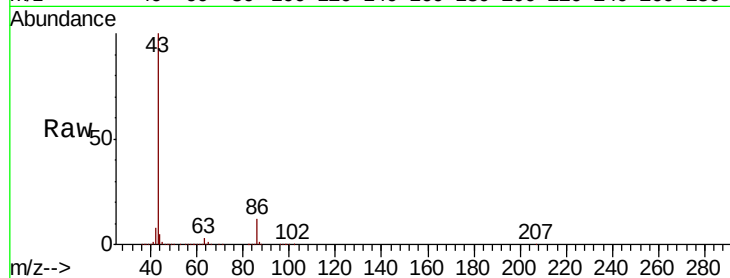
ClientSampled :

Tot Ion: 43 Resp: 1457913

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 52.471 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

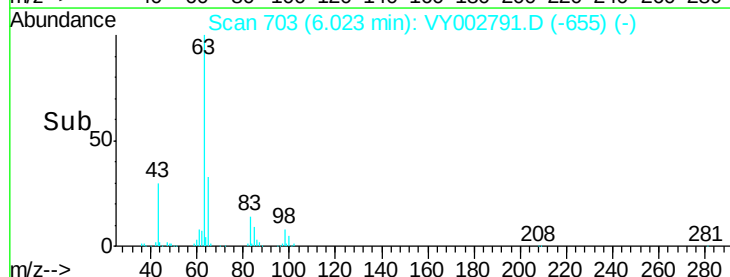
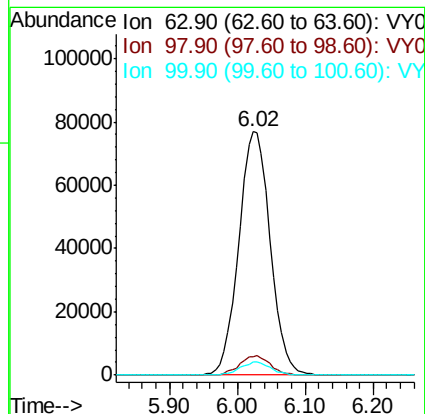
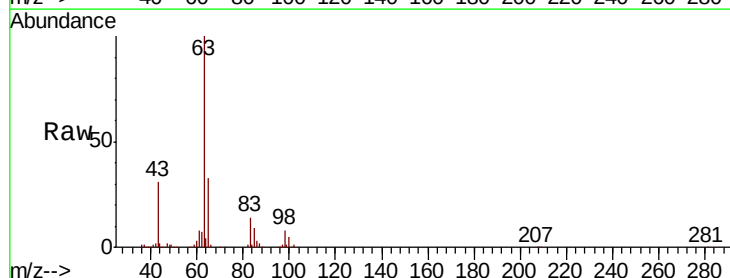
Tgt Ion: 63 Resp: 246596

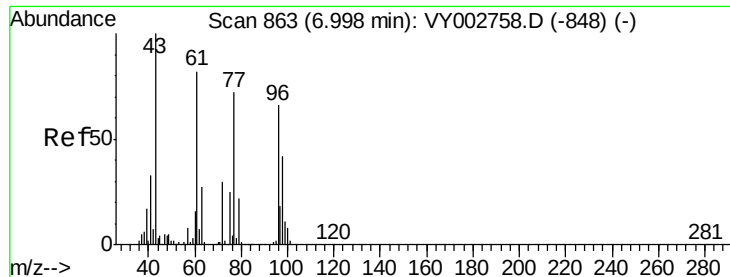
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 264.778 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

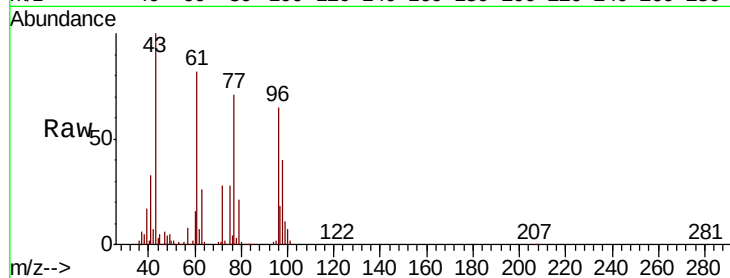
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 266134

Ion Ratio Lower Upper

43 100

72 27.7 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

100000

80000

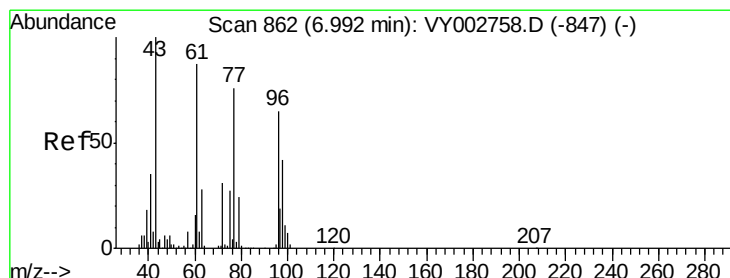
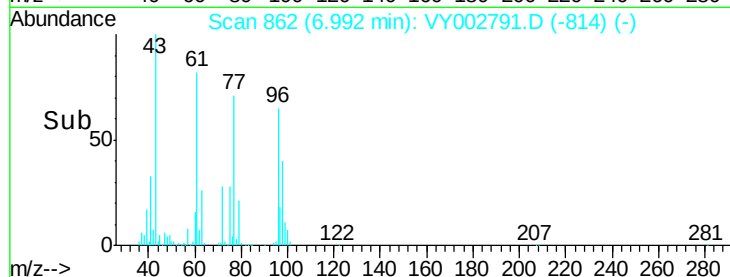
60000

40000

20000

0

Time--> 6.85 6.90 6.95 7.00 7.05



#26

2,2-Dichloropropane

Concen: 48.446 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002791.D

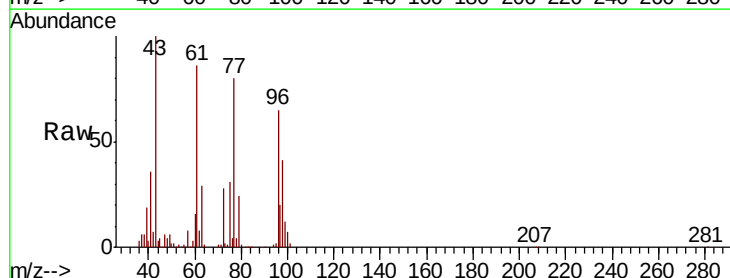
Acq: 28 May 2020 16:32

Tgt Ion: 77 Resp: 218360

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

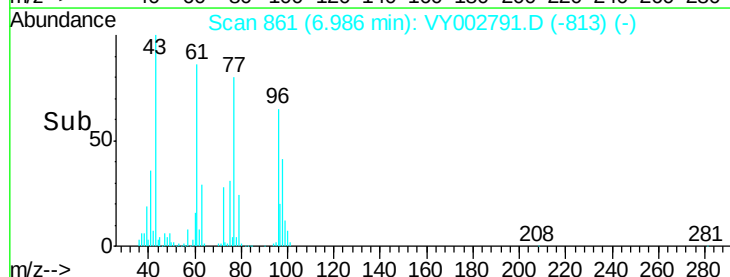
60000

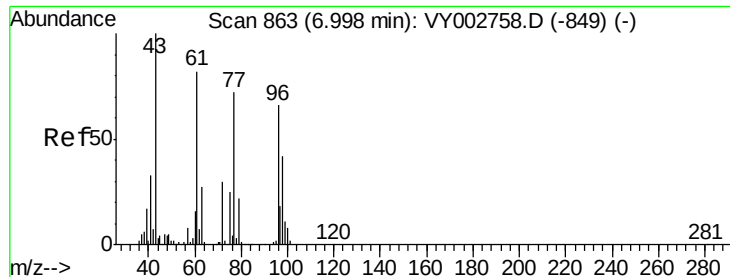
40000

20000

0

Time--> 6.90 7.00 7.10



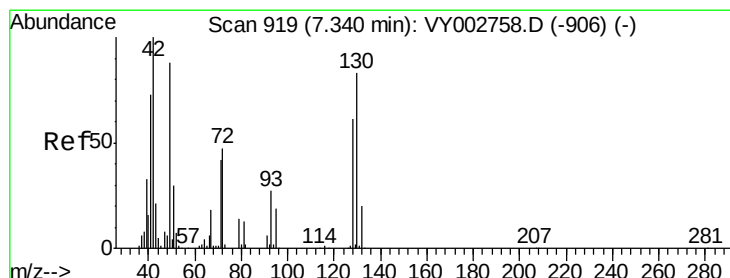
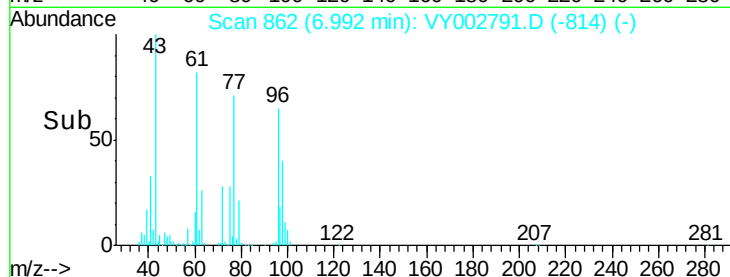
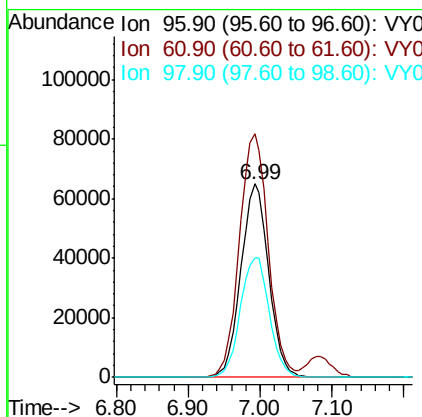
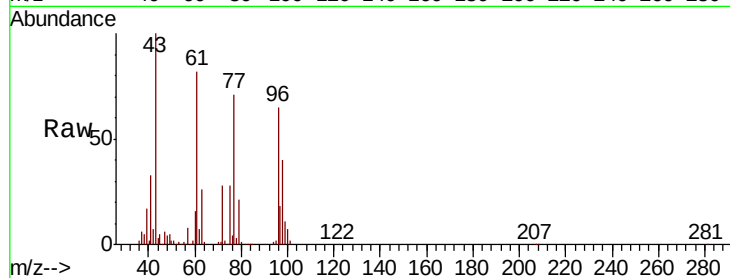


#27

cis-1,2-Dichloroethene
 Concen: 51.280 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :

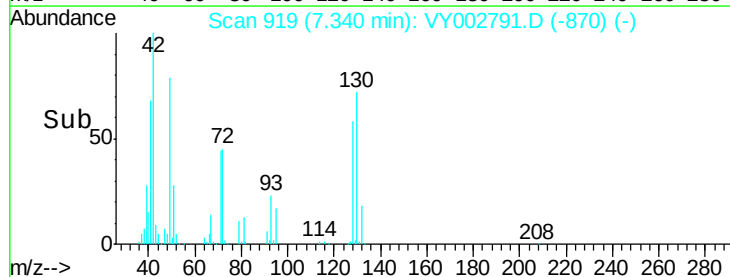
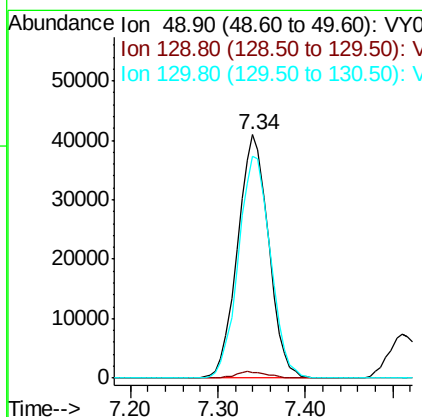
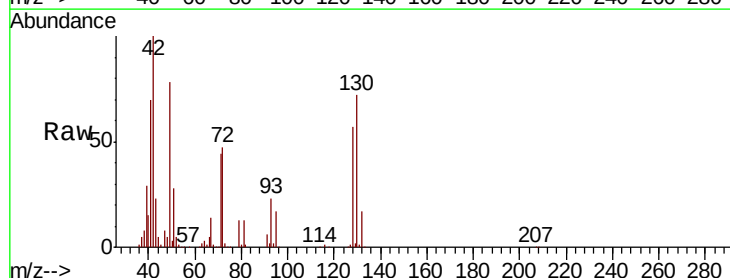
Tot Ion	96	Resp	174027
Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	260.2
98	64.4	0.0	128.2

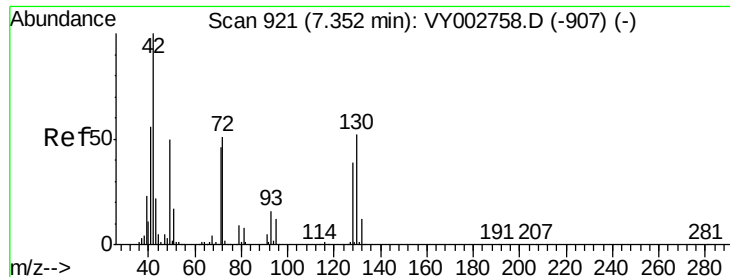


#28

Bromochloromethane
 Concen: 52.372 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	49	Resp	101041
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	94.1	77.1	115.7





#29

Tetrahydrofuran

Concen: 270.749 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampled :

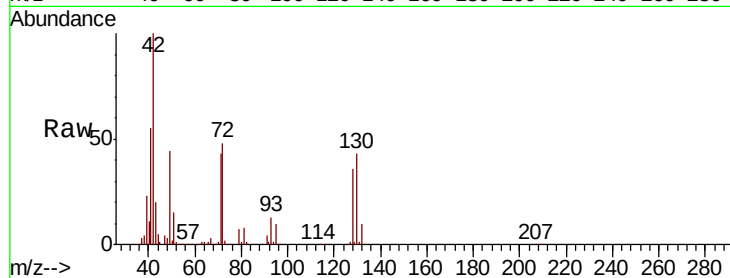
Tot Ion: 42 Resp: 177014

Ion Ratio Lower Upper

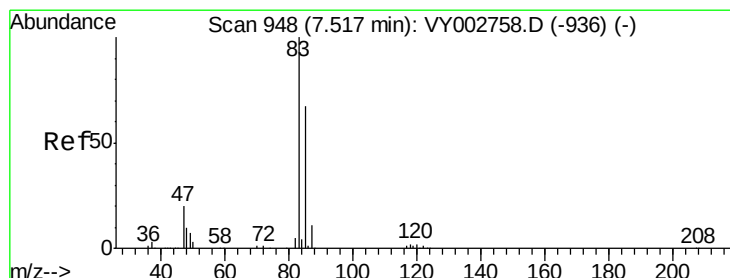
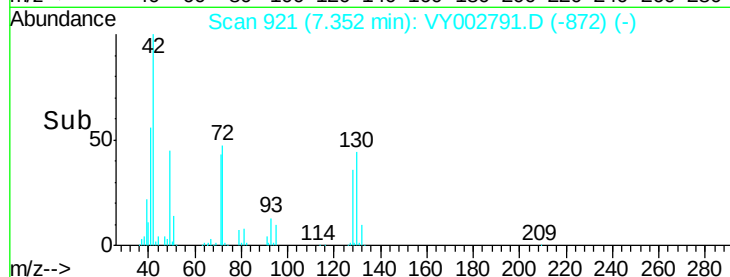
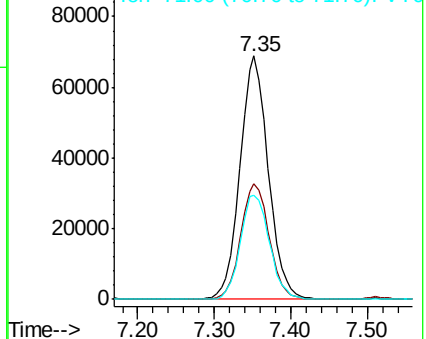
42 100

72 47.9 38.6 58.0

71 44.3 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 52.044 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002791.D

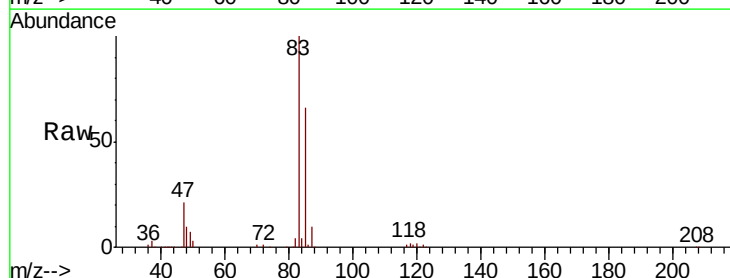
Acq: 28 May 2020 16:32

Tgt Ion: 83 Resp: 259545

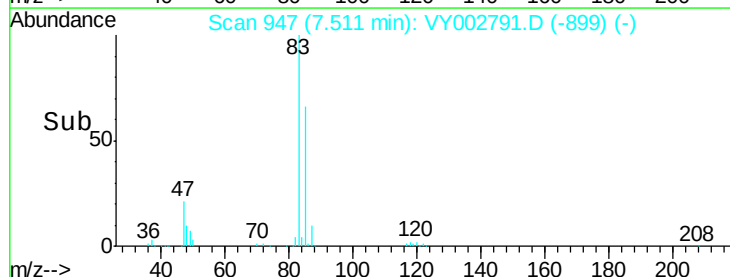
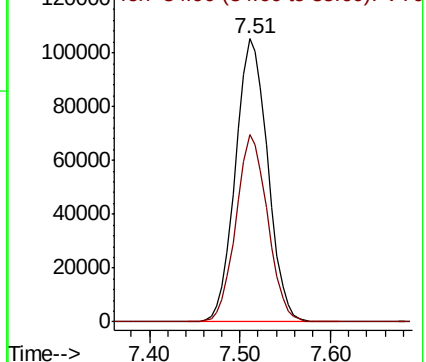
Ion Ratio Lower Upper

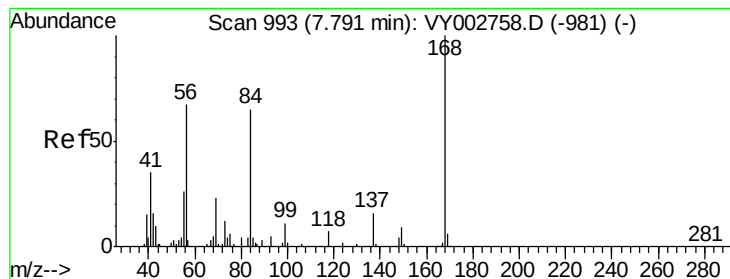
83 100

85 66.0 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.090 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :

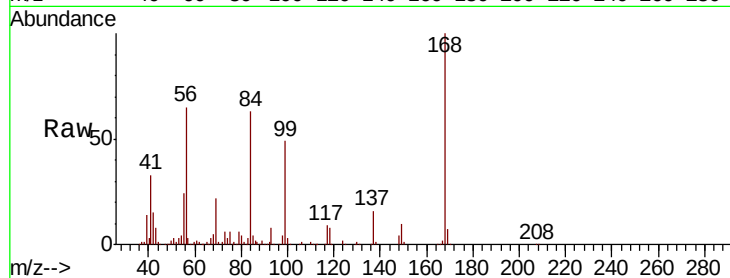
Tot Ion: 56 Resp: 224396

Ion Ratio Lower Upper

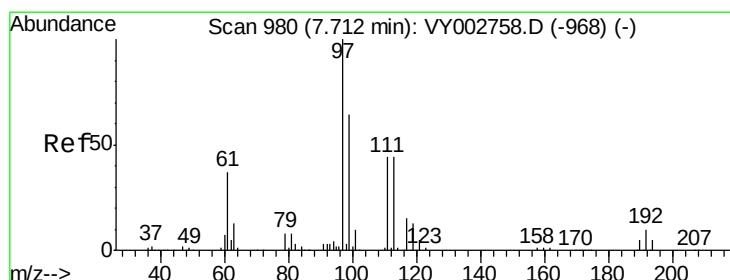
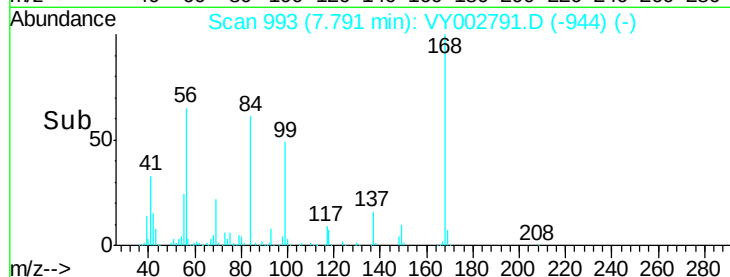
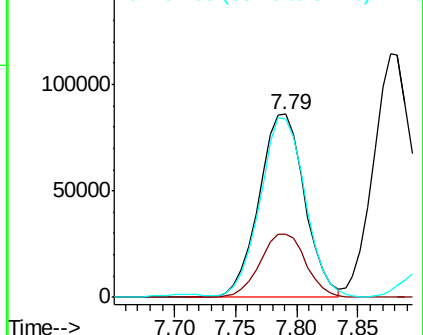
56 100

69 34.6 28.0 42.0

84 96.3 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.728 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

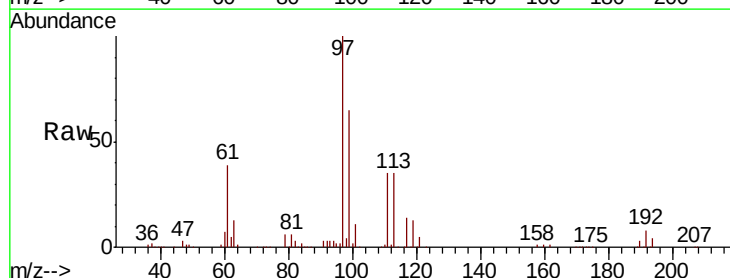
Tgt Ion: 97 Resp: 231095

Ion Ratio Lower Upper

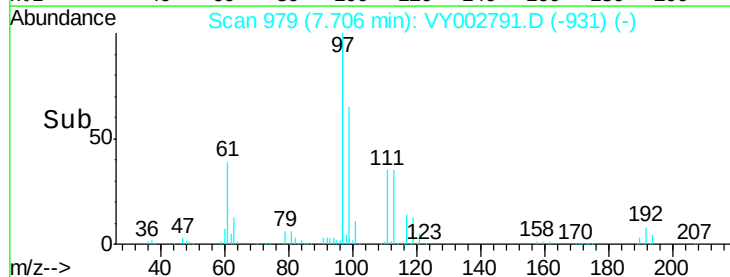
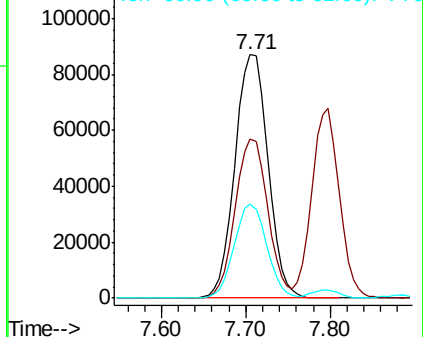
97 100

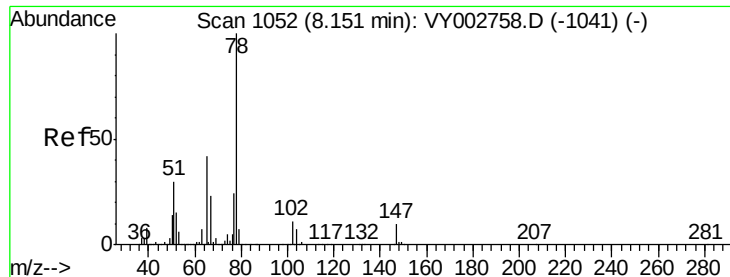
99 64.7 51.4 77.0

61 38.1 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

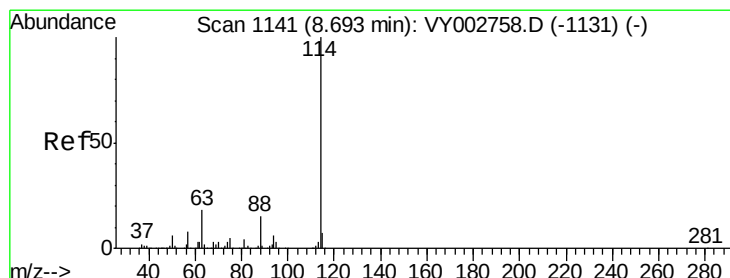
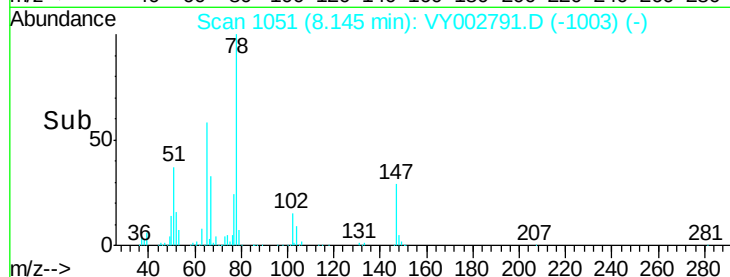
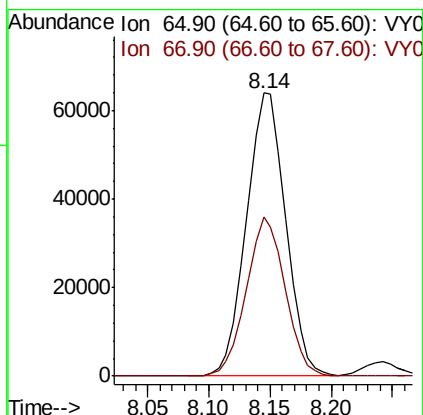
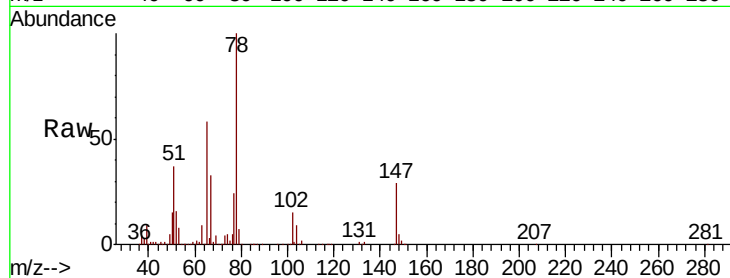




#33
 1,2-Dichloroethane-d4
 Concen: 51.940 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

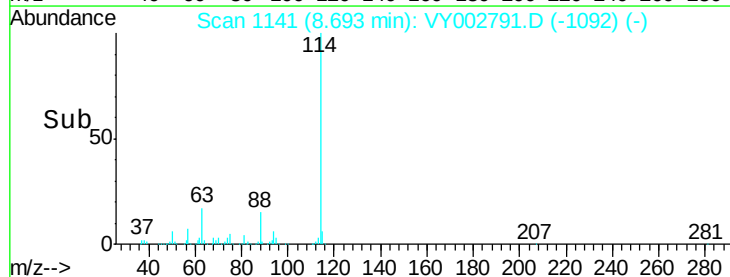
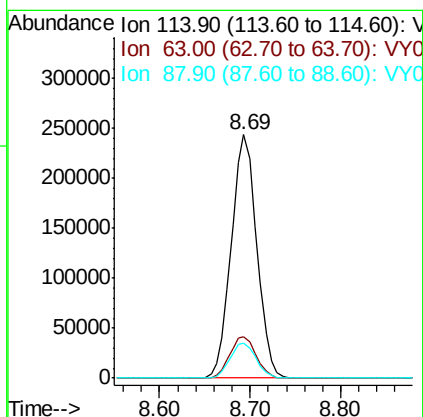
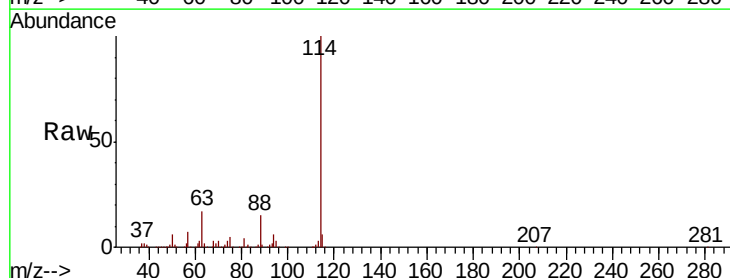
Instrument :
 MSVOA_Y
 ClientSampleId :

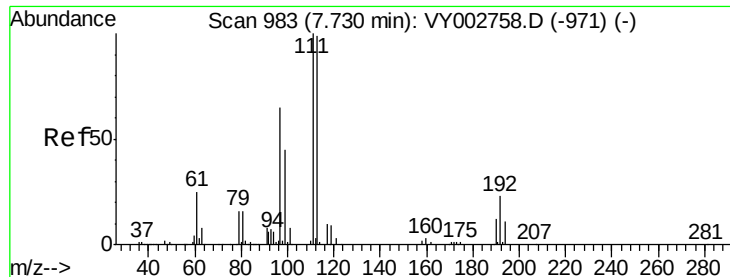
Tot Ion: 65 Resp: 142900
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 114 Resp: 475858
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.2
 88 14.6 0.0 29.2

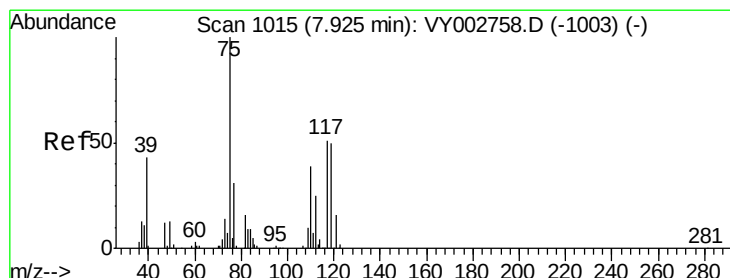
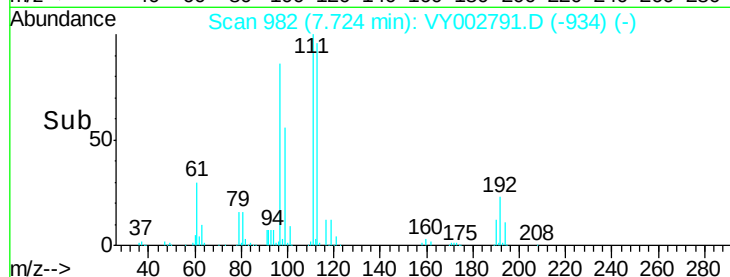
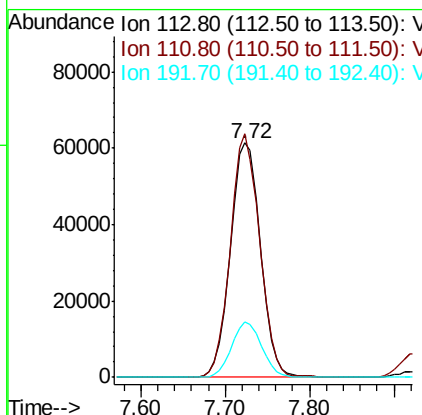
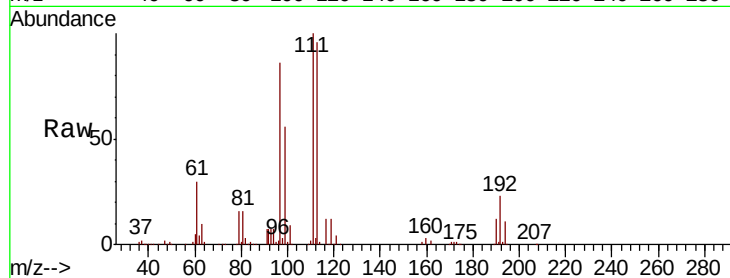




#35
 Dibromofluoromethane
 Concen: 53.082 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

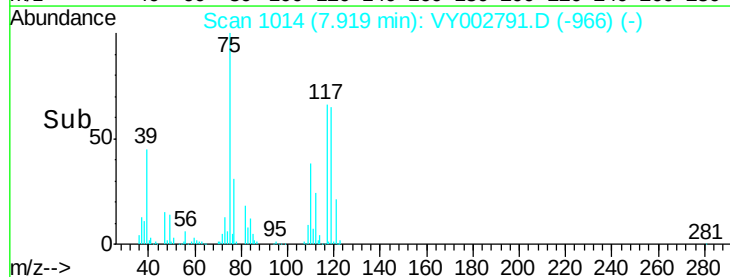
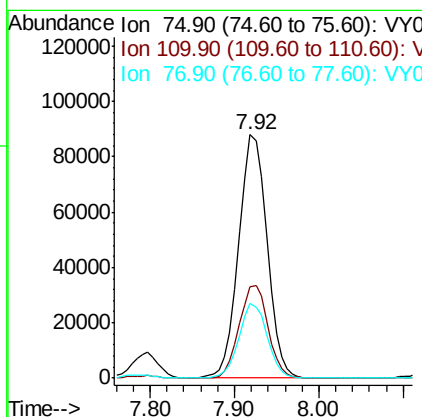
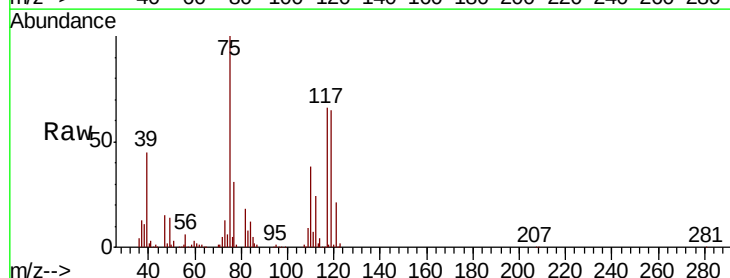
Instrument :
 MSVOA_Y
 ClientSampleId :

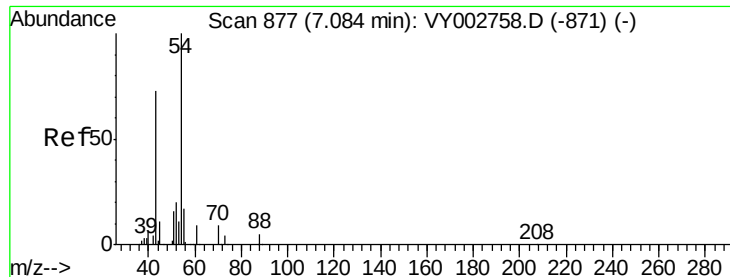
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 50.007 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.3	57.9
77	30.7	24.8	37.2

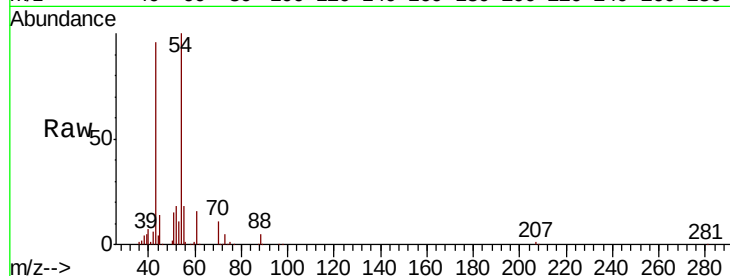




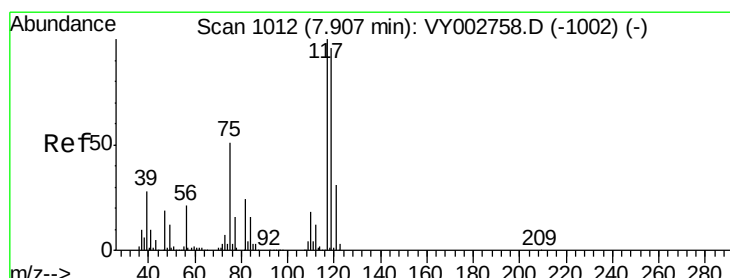
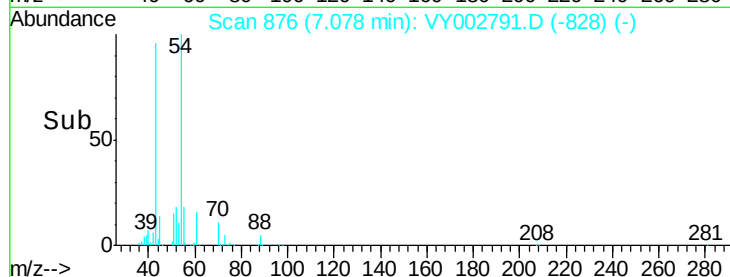
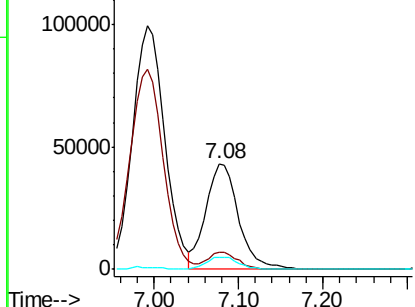
#37
Ethyl Acetate
Concen: 53.512 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 116707
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 11.4 9.1 13.7

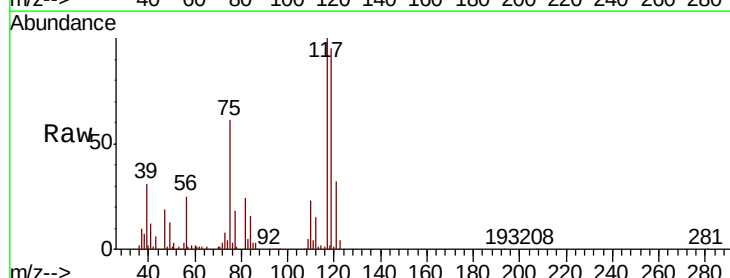


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

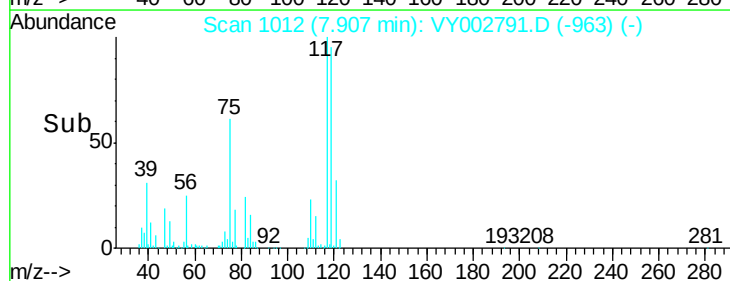
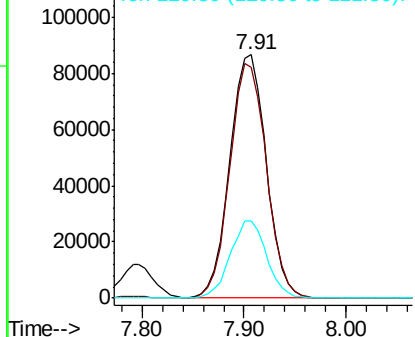


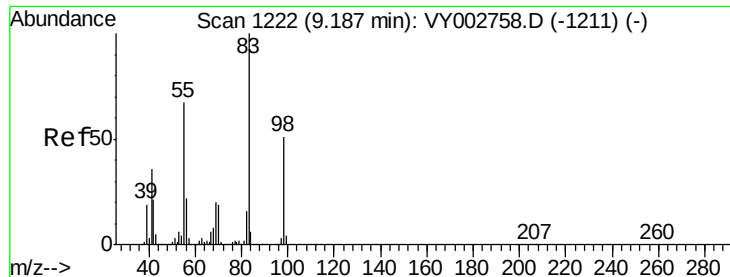
#38
Carbon Tetrachloride
Concen: 48.334 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 117 Resp: 215233
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 31.7 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

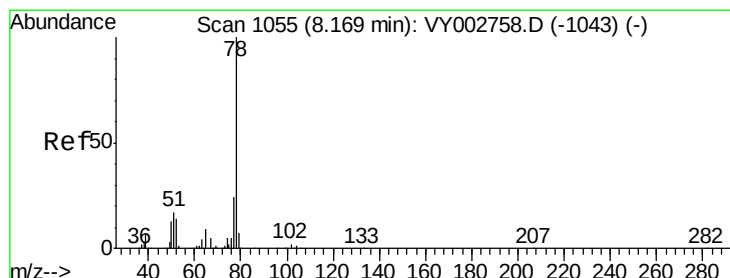
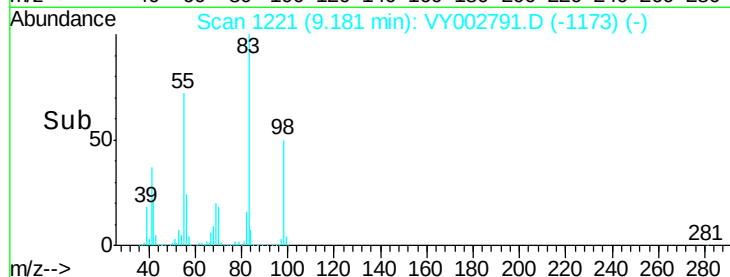
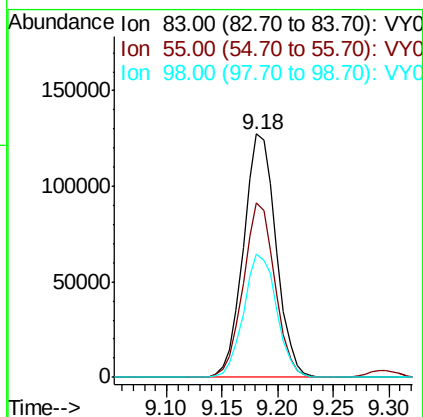
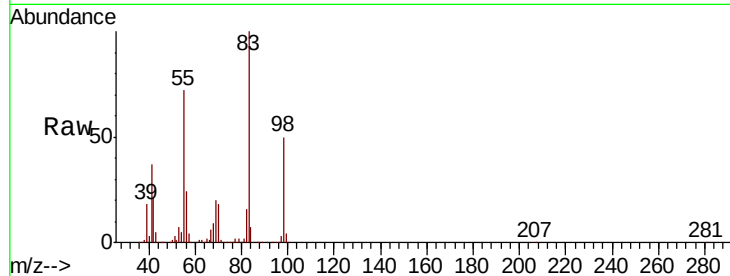




#39
Methylvlcyclohexane
Concen: 49.039 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

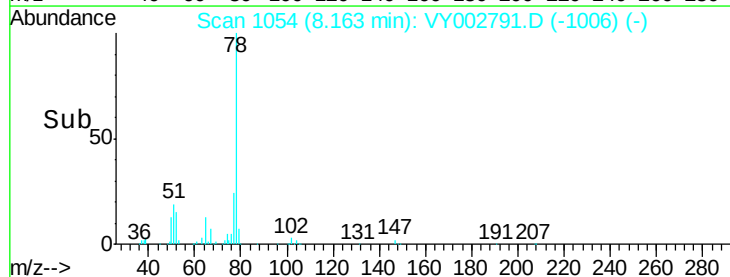
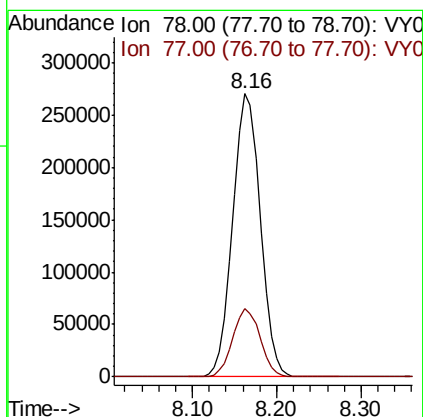
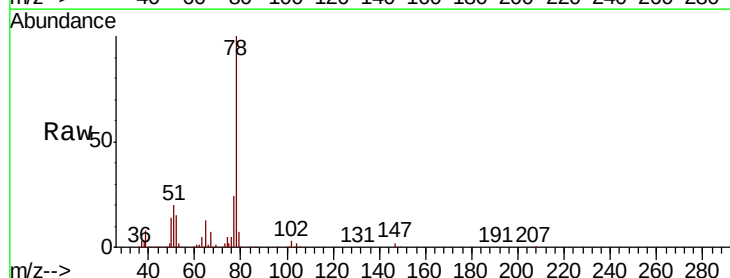
Instrument :
MSVOA_Y
ClientSampleId :

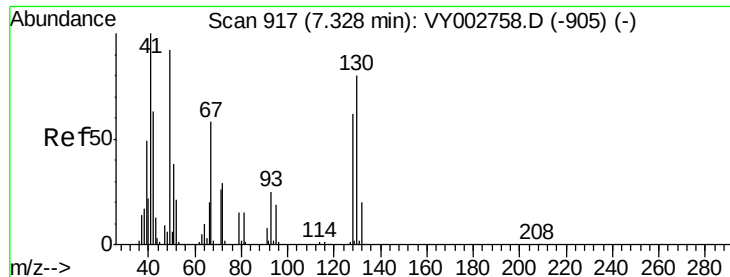
Tot Ion: 83 Resp: 259101
Ion Ratio Lower Upper
83 100
55 71.5 53.3 79.9
98 50.5 41.1 61.7



#40
Benzene
Concen: 50.452 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 78 Resp: 597575
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

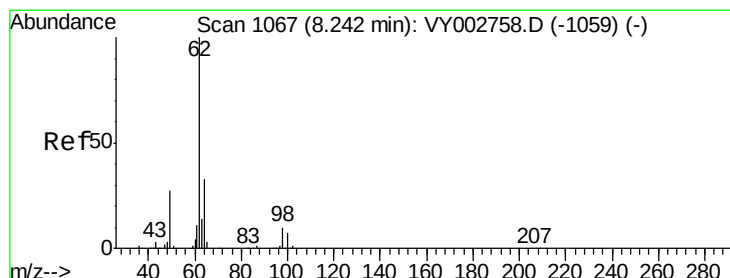
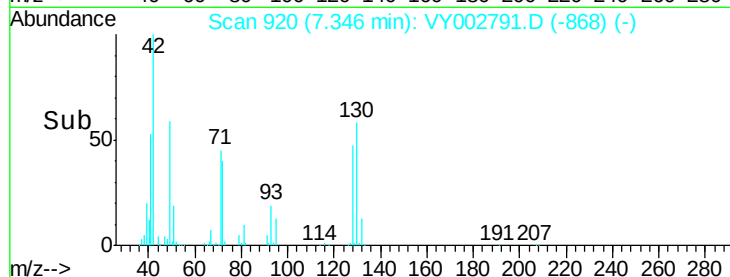
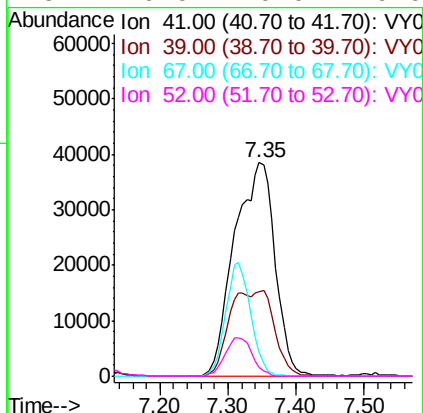
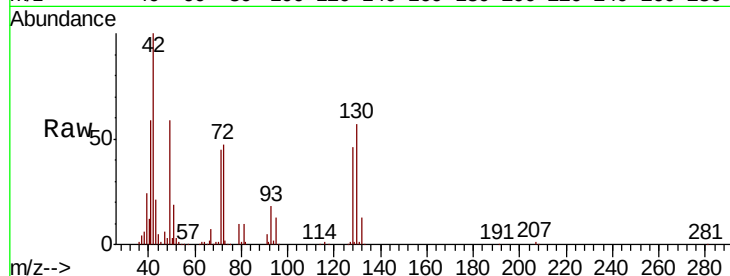




#41
Methacrylonitrile
Concen: 135.921 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

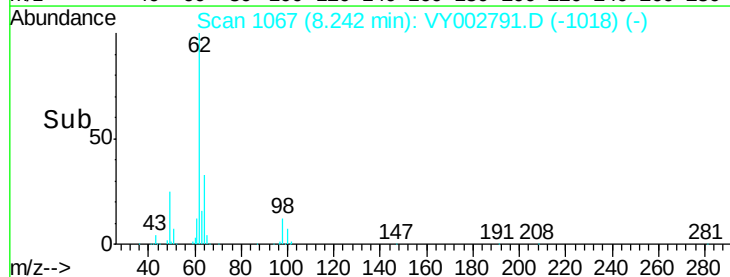
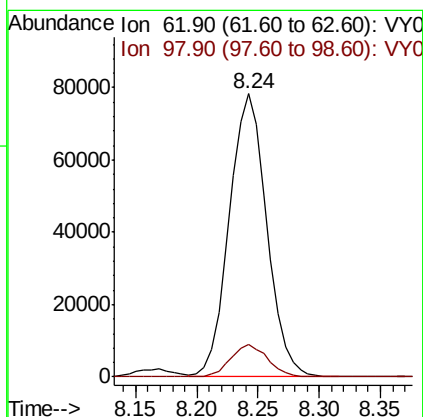
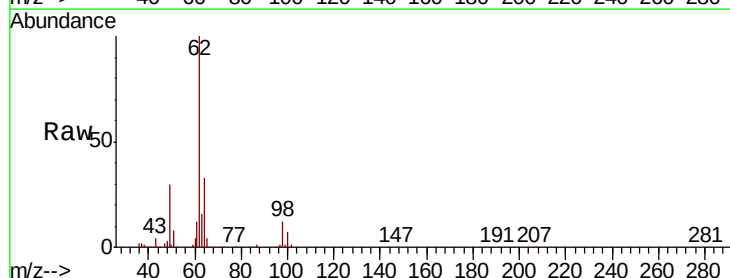
Instrument :
MSVOA_Y
ClientSampled :

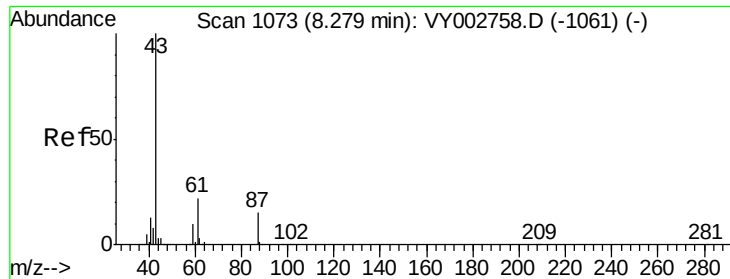
Tot Ion:	41	Resp:	159252
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.988 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion:	62	Resp:	165930
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

Isopropyl Acetate

Concen: 52.810 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampled :

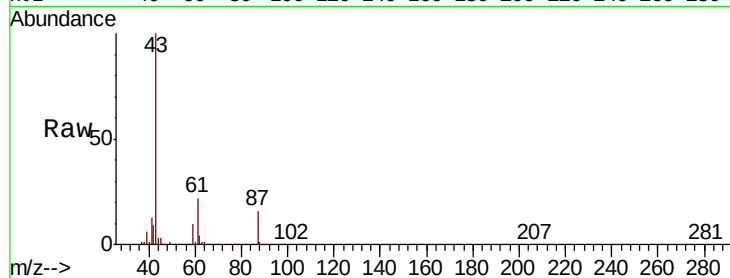
Tot Ion: 43 Resp: 218257

Ion Ratio Lower Upper

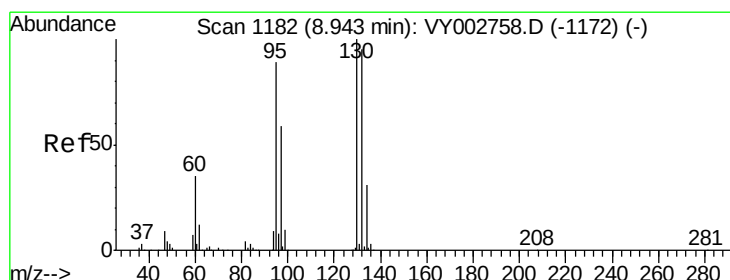
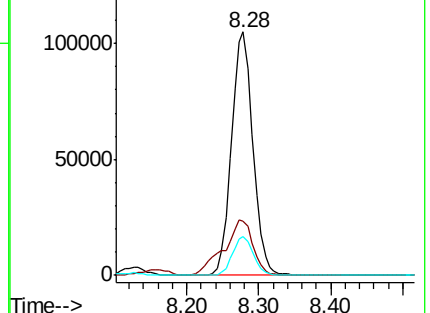
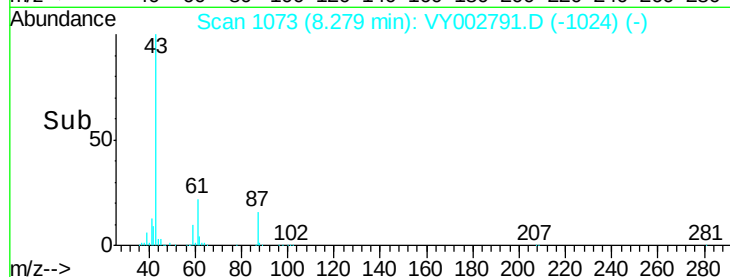
43 100

61 31.0 24.8 37.2

87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002791.D (-1024) (-)



#44

Trichloroethene

Concen: 49.807 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002791.D

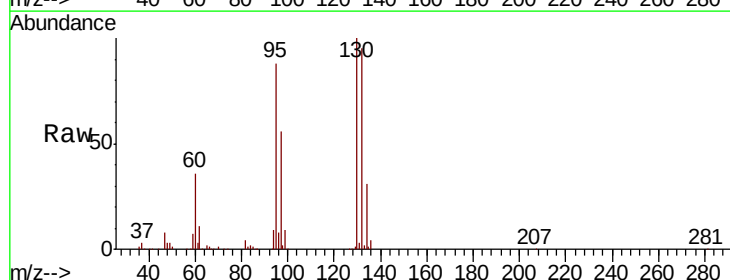
Acq: 28 May 2020 16:32

Tgt Ion:130 Resp: 186343

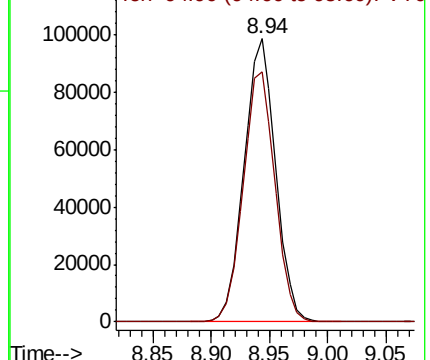
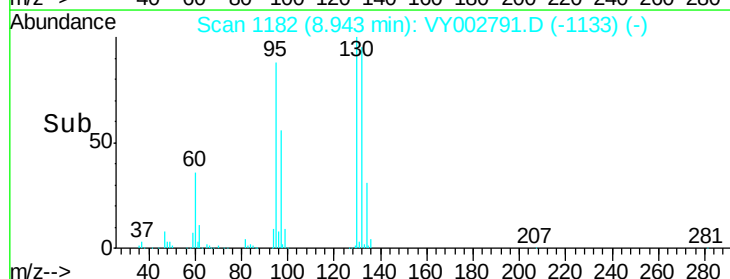
Ion Ratio Lower Upper

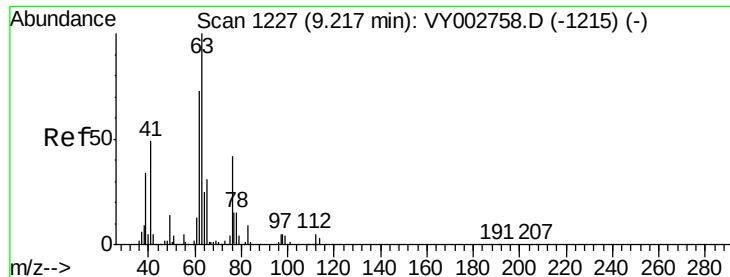
130 100

95 88.5 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002791.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 51.670 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

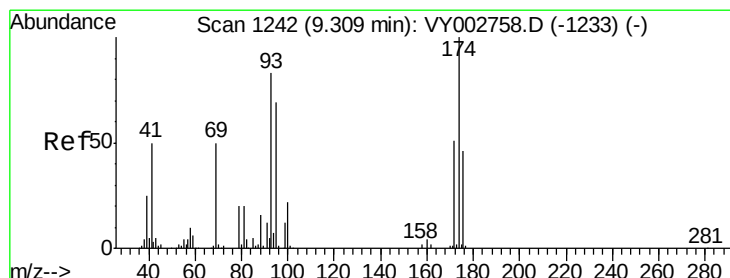
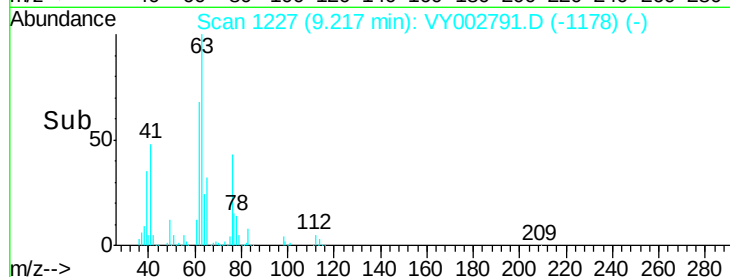
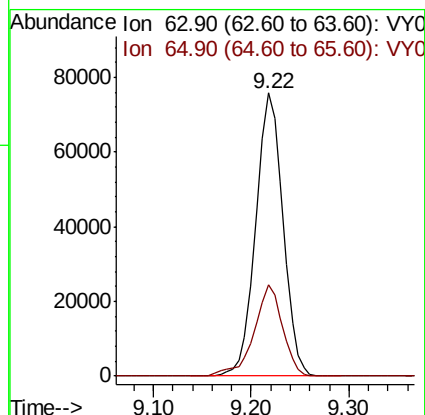
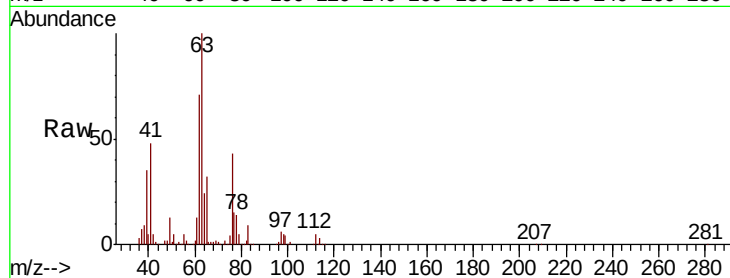
ClientSampleId :

Tot Ion: 63 Resp: 146763

Ion Ratio Lower Upper

63 100

65 32.1 24.8 37.2



#46

Dibromomethane

Concen: 51.727 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

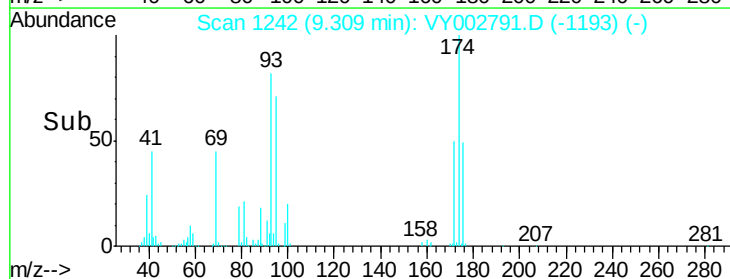
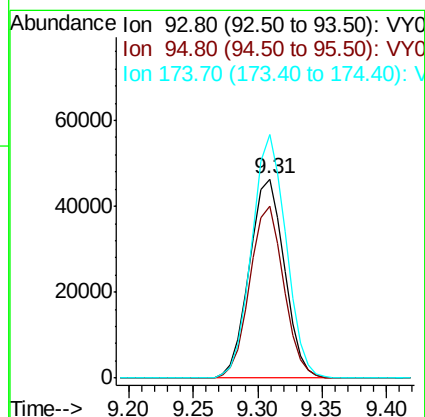
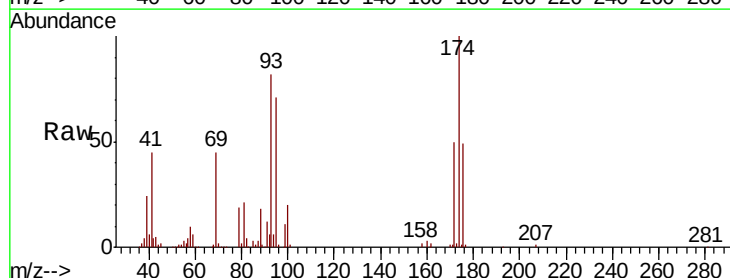
Tgt Ion: 93 Resp: 87257

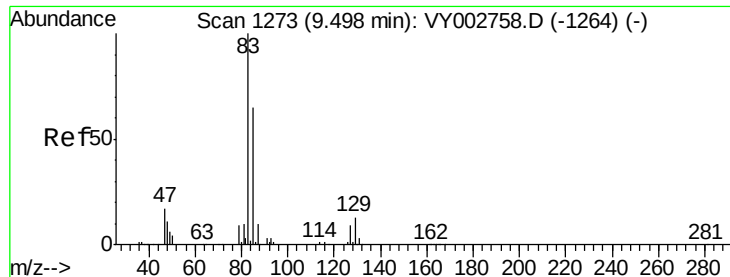
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 119.4 97.7 146.5





#47

Bromodichloromethane

Concen: 51.974 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampled :

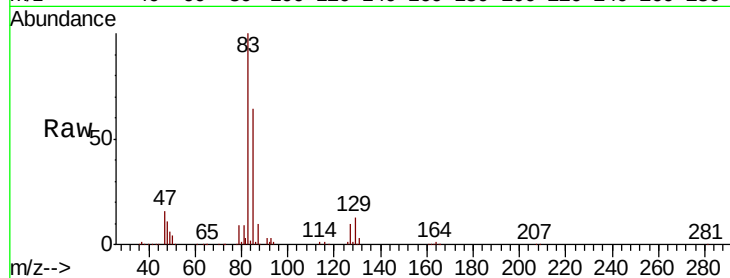
Tot Ion: 83 Resp: 206689

Ion Ratio Lower Upper

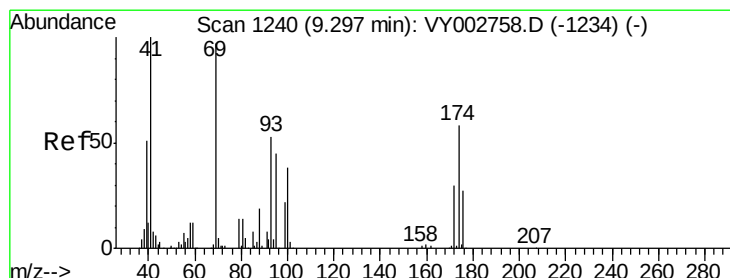
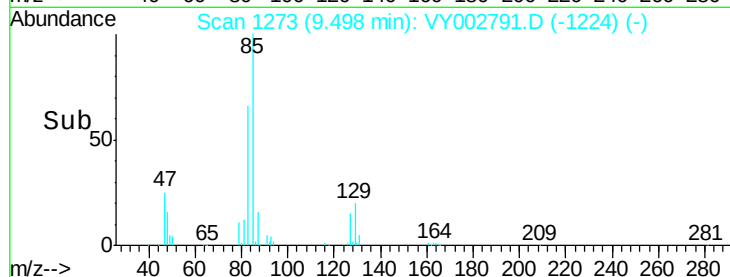
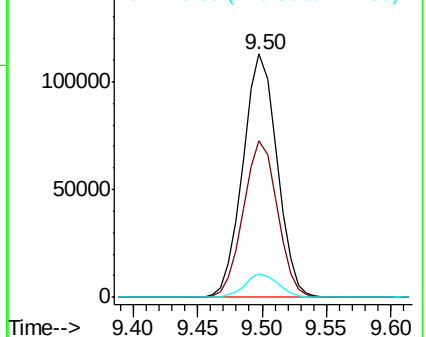
83 100

85 64.3 51.9 77.9

127 9.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.201 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

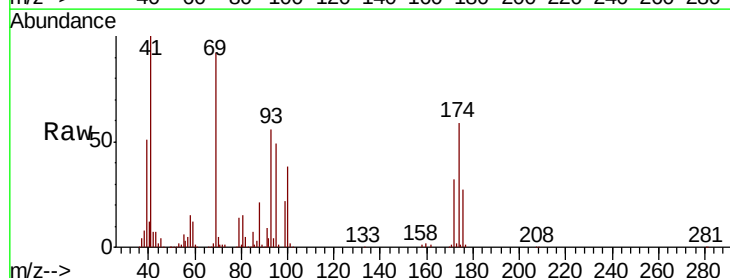
Tgt Ion: 41 Resp: 99258

Ion Ratio Lower Upper

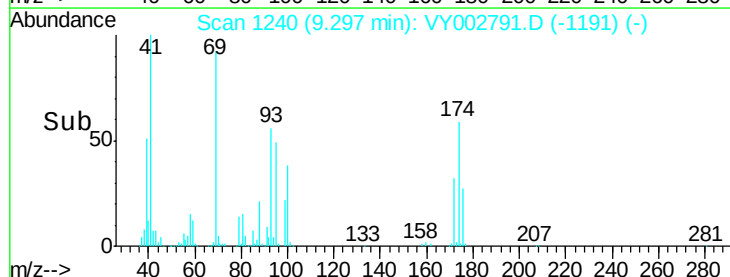
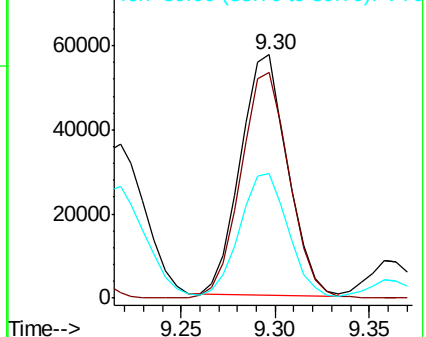
41 100

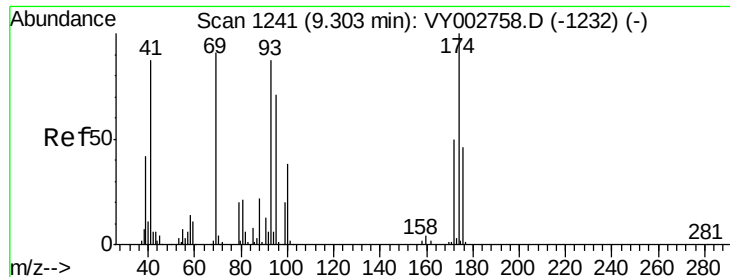
69 96.7 79.7 119.5

39 53.4 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1069.517 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampled :

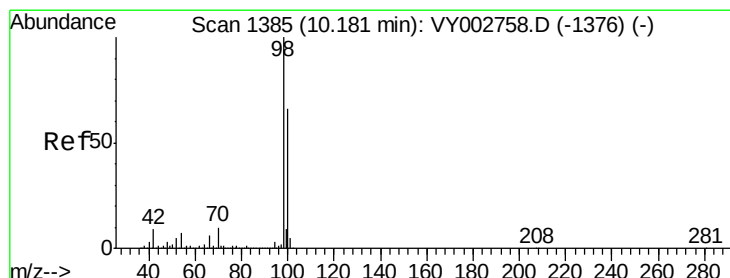
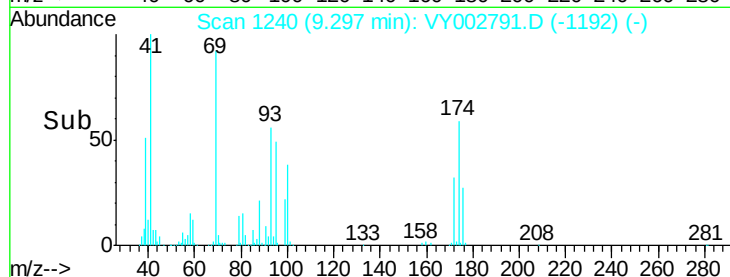
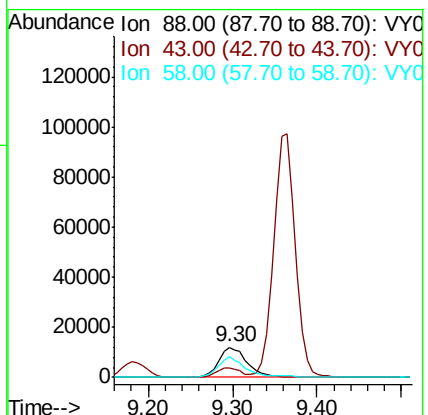
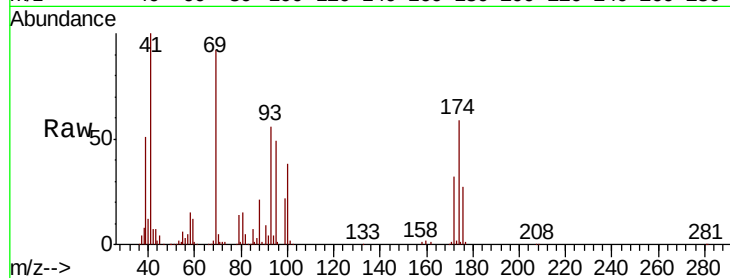
Tot Ion: 88 Resp: 27702

Ion Ratio Lower Upper

88 100

43 28.0 21.3 31.9

58 66.8 52.2 78.2



#50

Toluene-d8

Concen: 50.806 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002791.D

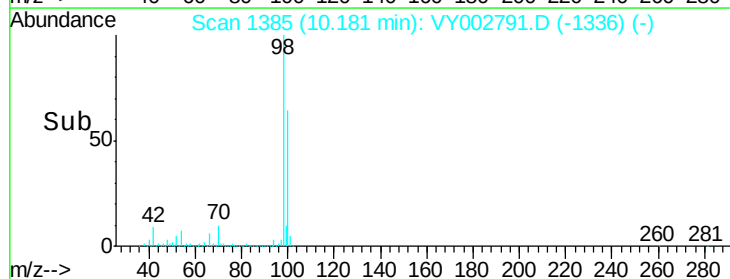
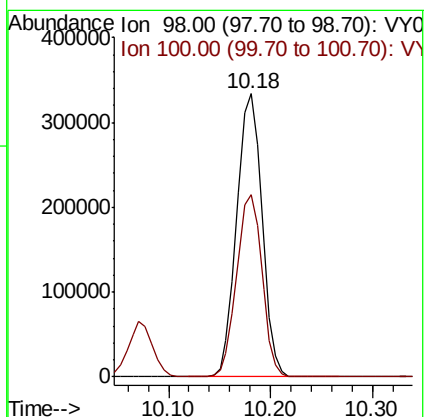
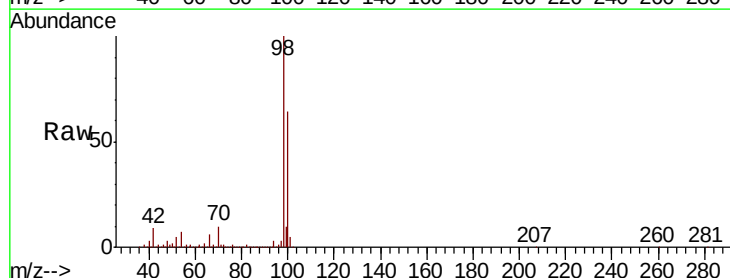
Acq: 28 May 2020 16:32

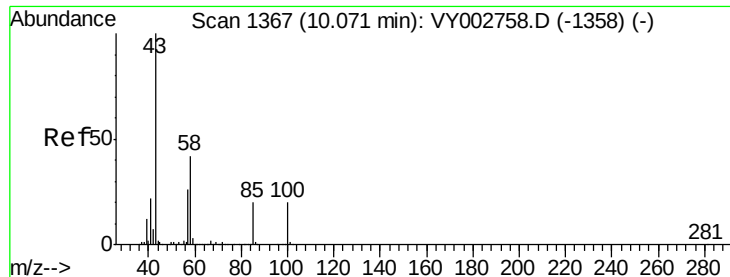
Tgt Ion: 98 Resp: 572873

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 267.465 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

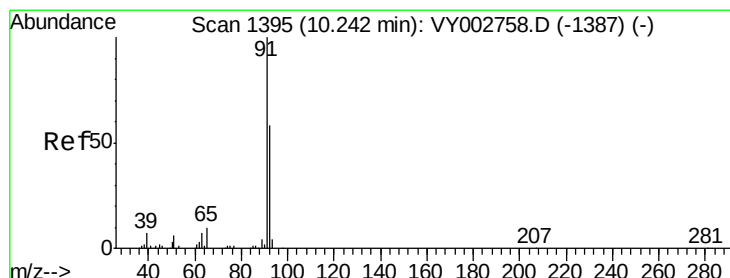
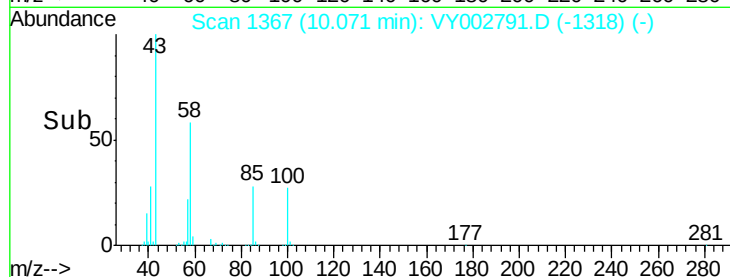
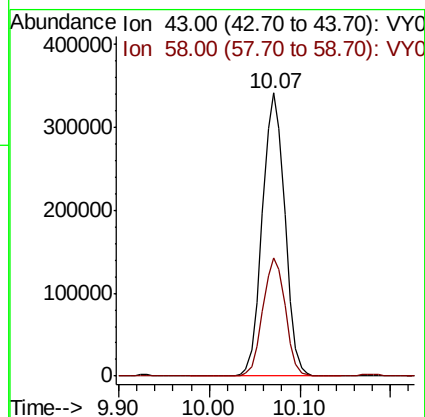
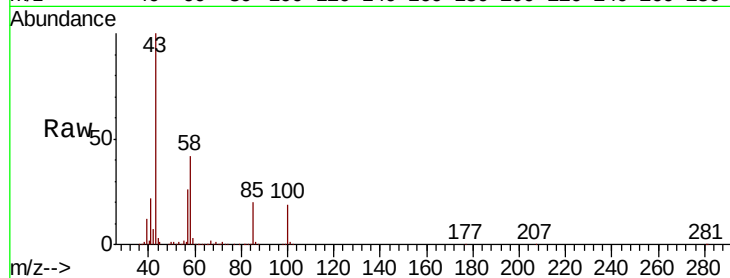
ClientSampleId :

Tot Ion: 43 Resp: 585339

Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.2



#52

Toluene

Concen: 49.737 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002791.D

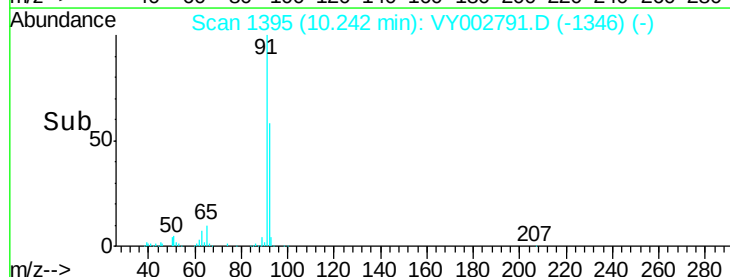
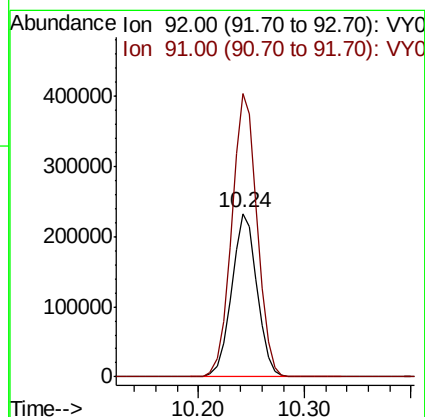
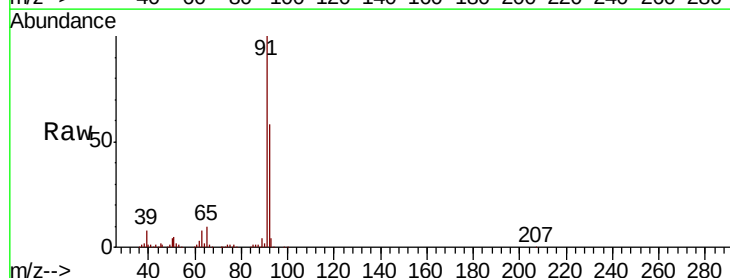
Acq: 28 May 2020 16:32

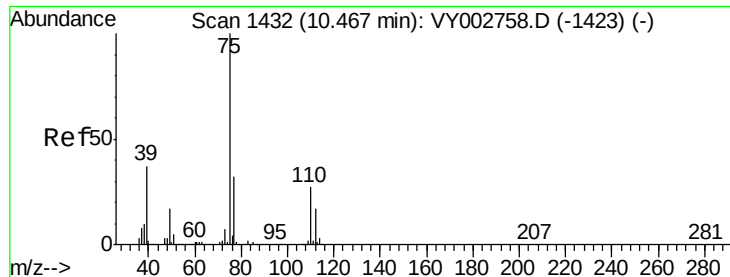
Tgt Ion: 92 Resp: 385374

Ion Ratio Lower Upper

92 100

91 174.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.042 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

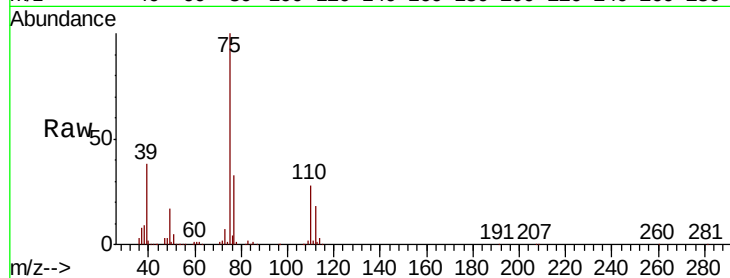
ClientSampled :

Tot Ion: 75 Resp: 221705

Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

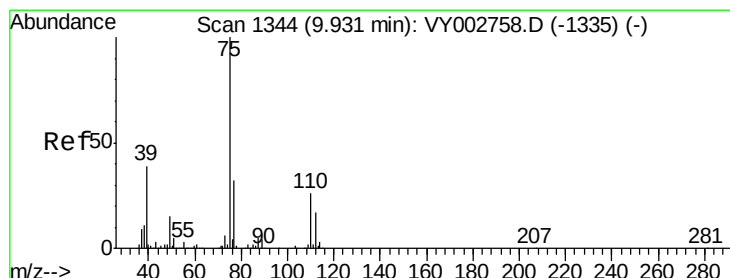
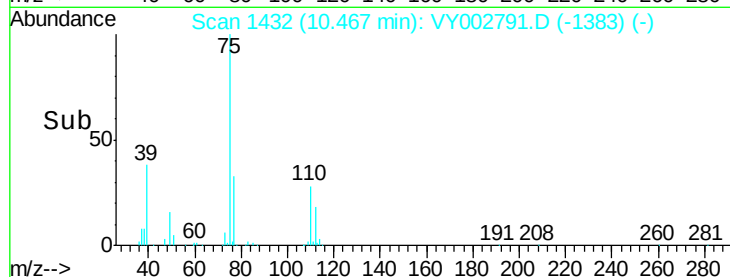
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.223 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

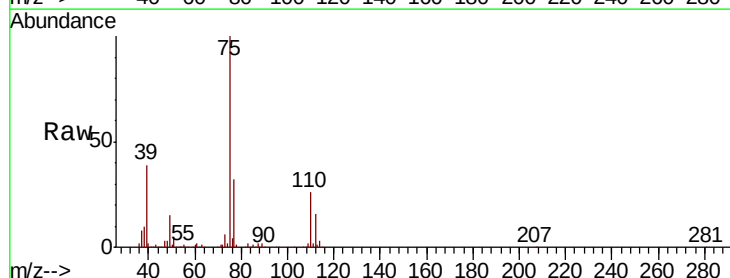
Tgt Ion: 75 Resp: 252110

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 39.0 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

200000

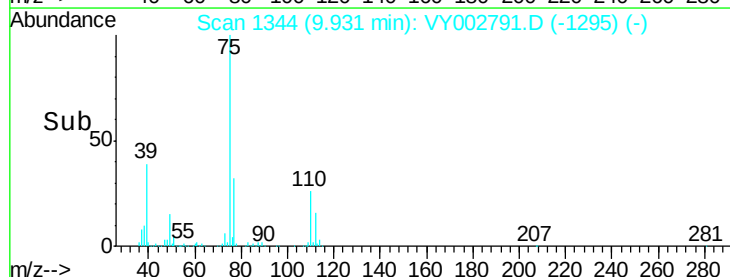
150000

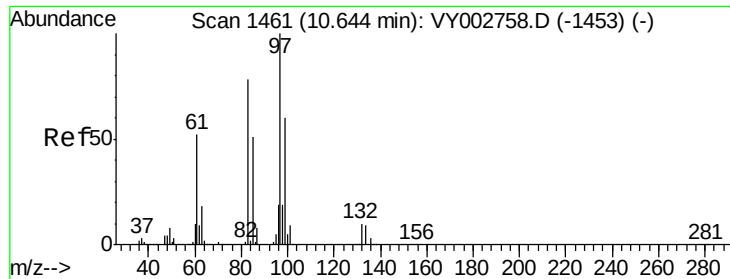
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.975 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 131646

Ion	Ratio	Lower	Upper
97	100		
83	83.1	62.7	94.1
85	53.7	40.6	60.8
99	61.8	48.2	72.4

Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

120000

100000

80000

60000

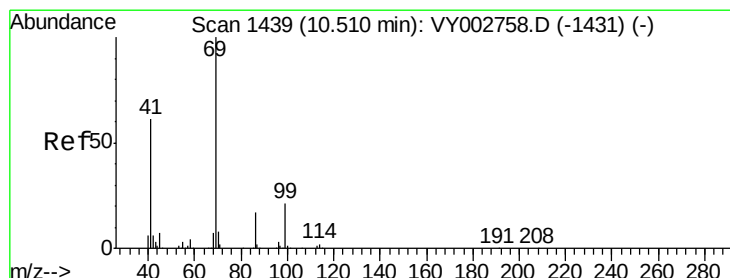
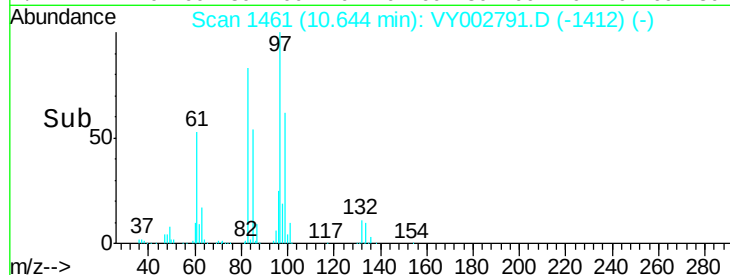
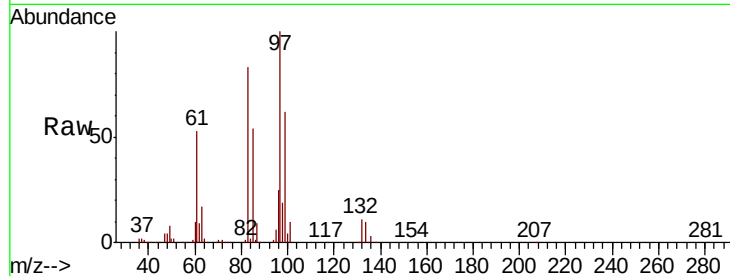
40000

20000

0

10.55 10.60 10.65 10.70

Time-->



#56

Ethyl methacrylate

Concen: 53.120 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion: 69 Resp: 183745

Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	29.0	22.0	33.0

Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

150000

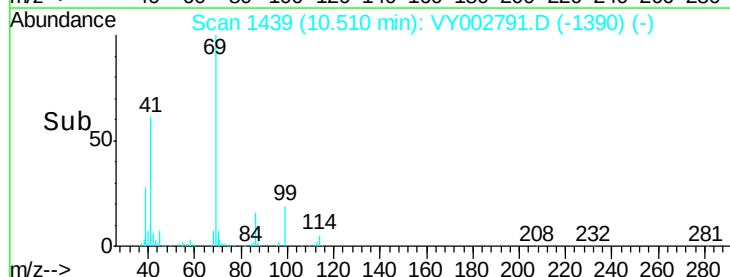
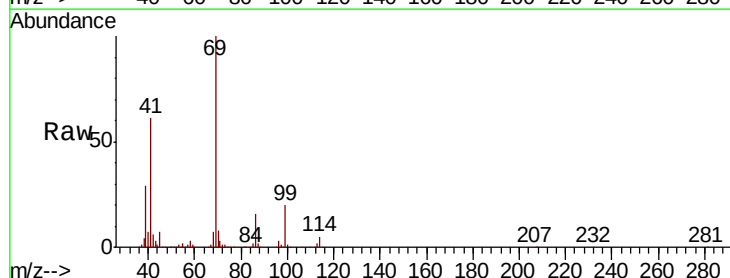
100000

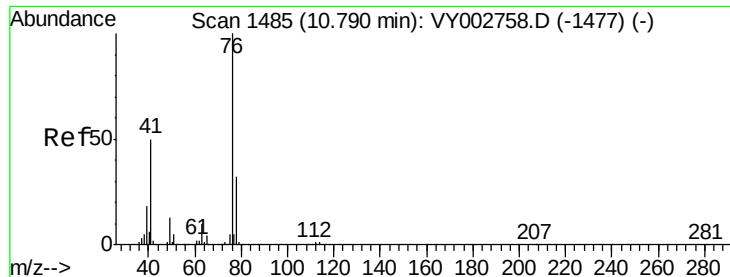
50000

0

10.40 10.50 10.60

Time-->





#57

1,3-Dichloropropane

Concen: 51.273 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

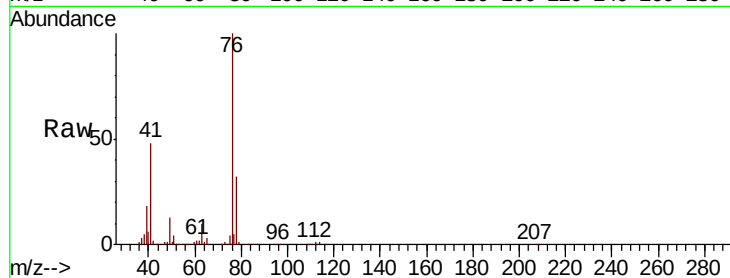
ClientSampled :

Tot Ion: 76 Resp: 217796

Ion Ratio Lower Upper

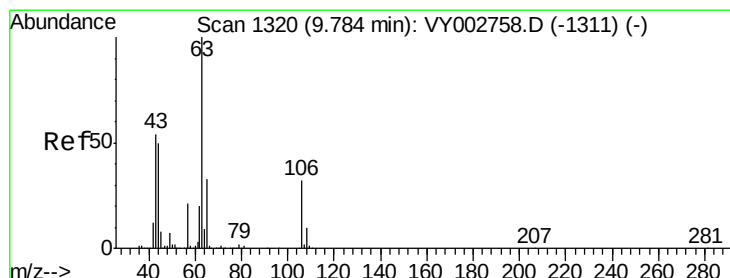
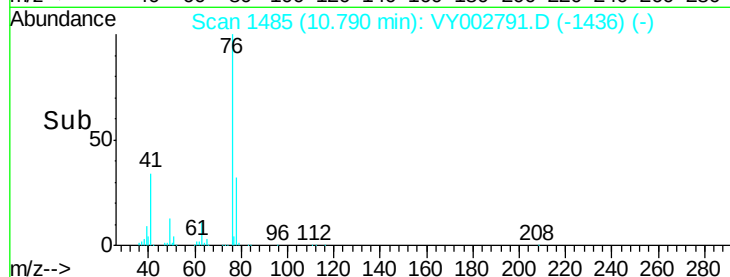
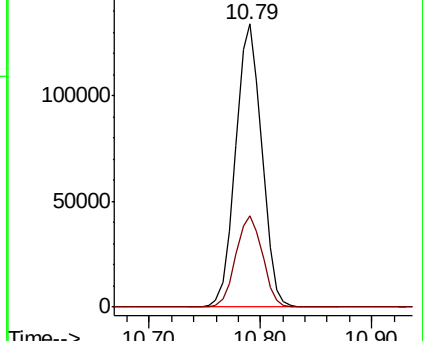
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 261.199 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002791.D

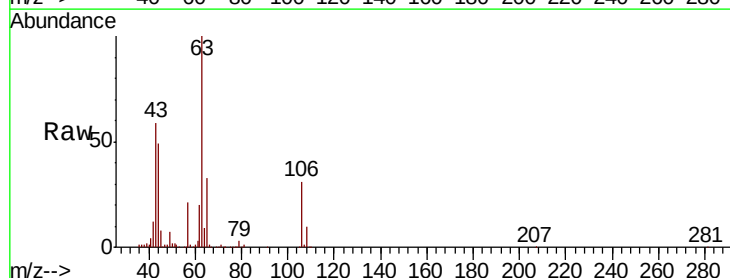
Acq: 28 May 2020 16:32

Tgt Ion: 63 Resp: 441481

Ion Ratio Lower Upper

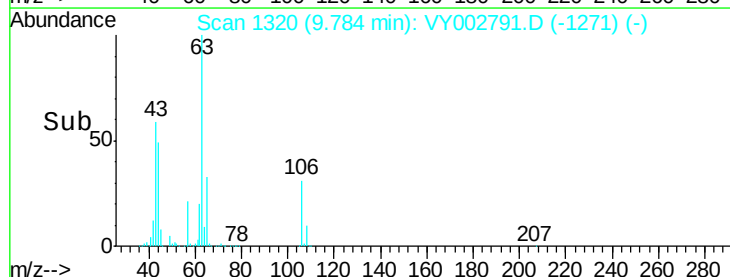
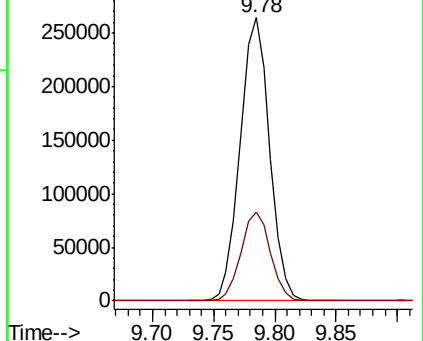
63 100

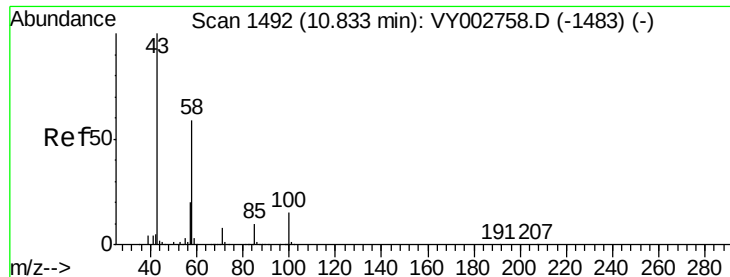
106 31.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

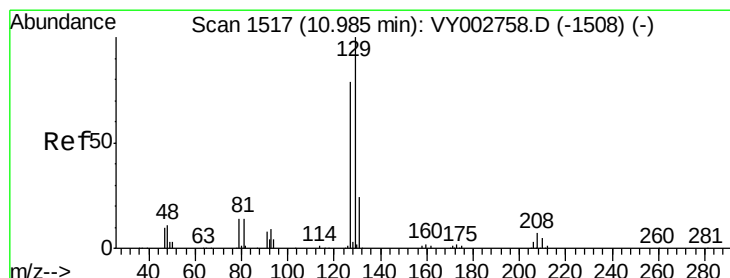
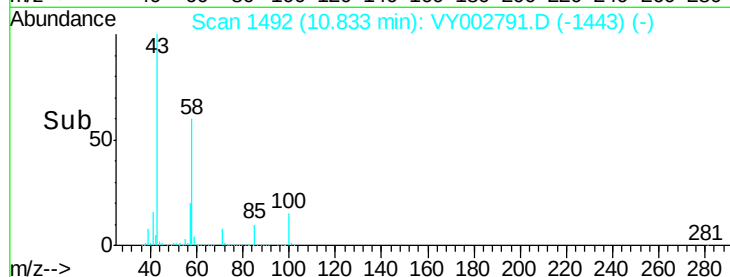
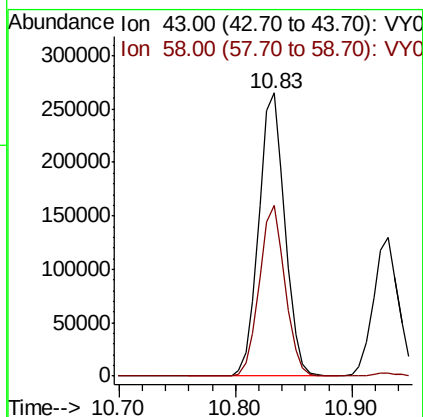
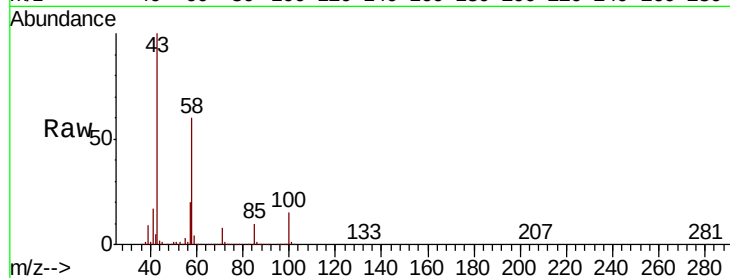




#59
2-Hexanone
Concen: 265.460 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

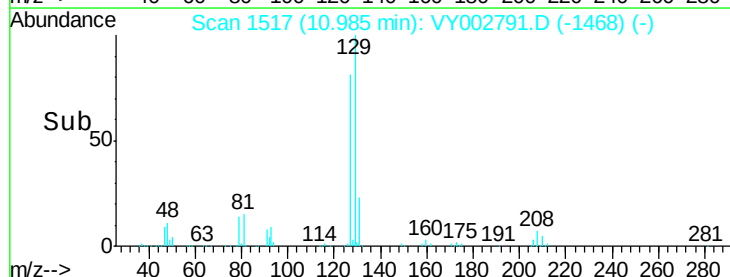
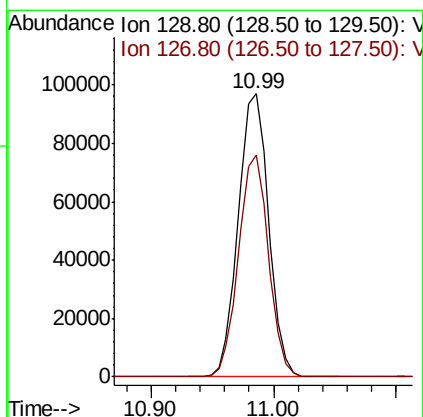
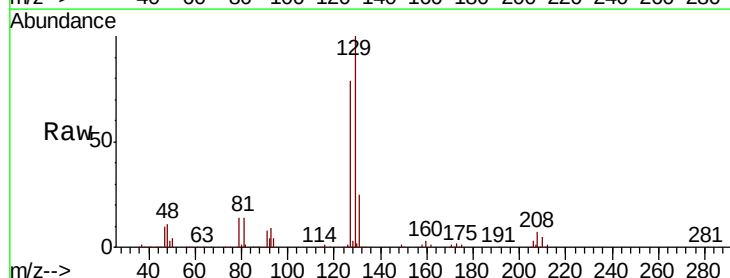
Instrument :
MSVOA_Y
ClientSampled :

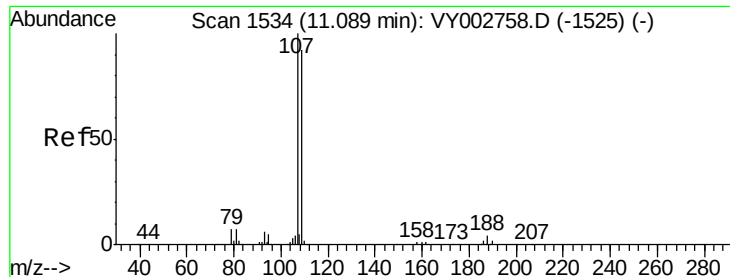
Tot Ion: 43 Resp: 412199
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 51.009 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 129 Resp: 167013
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

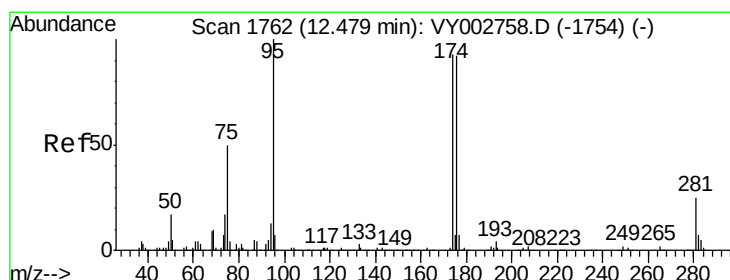
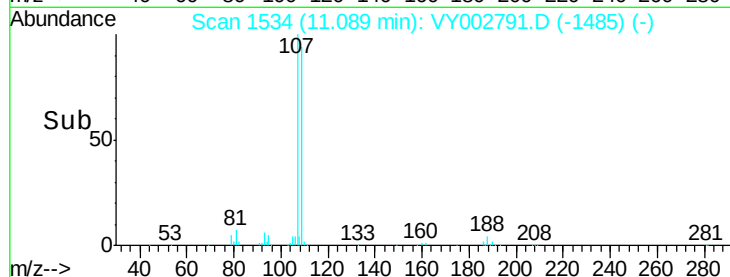
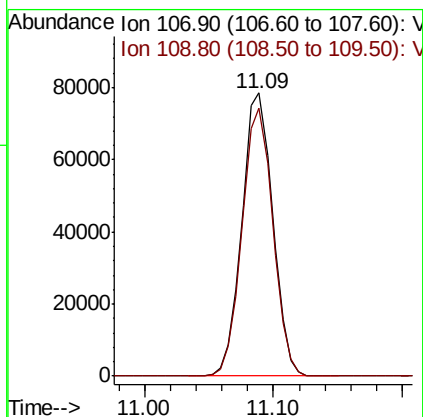
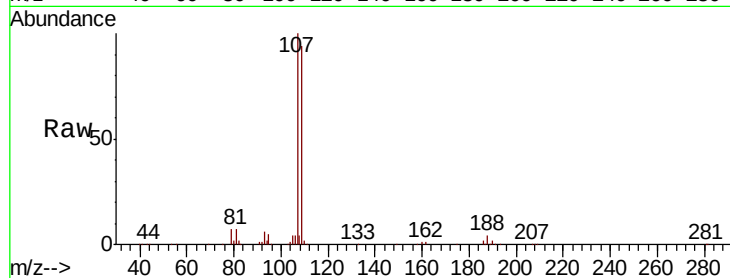




#61
 1,2-Dibromoethane
 Concen: 50.899 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

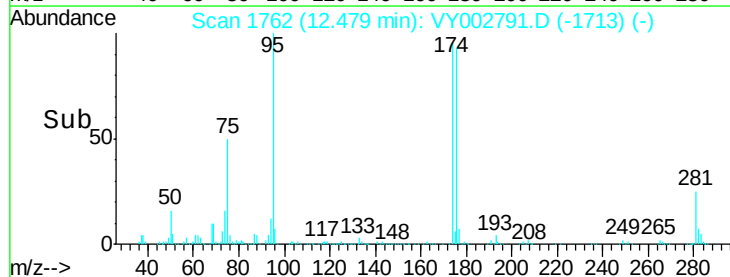
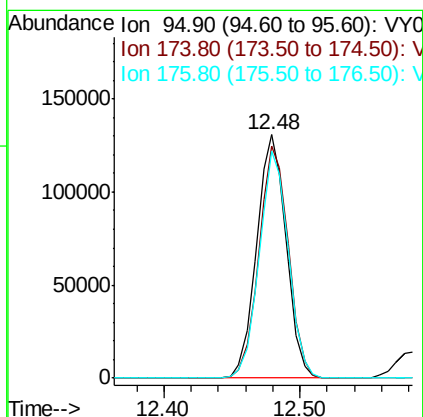
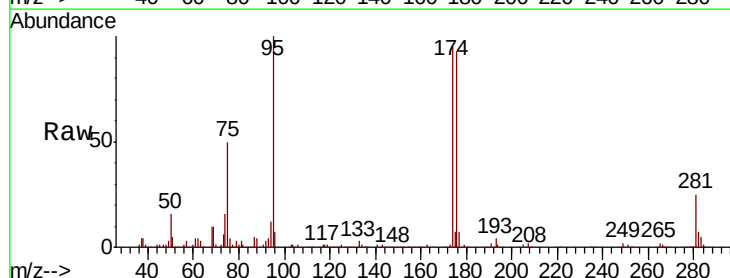
Instrument :
 MSVOA_Y
 ClientSampleId :

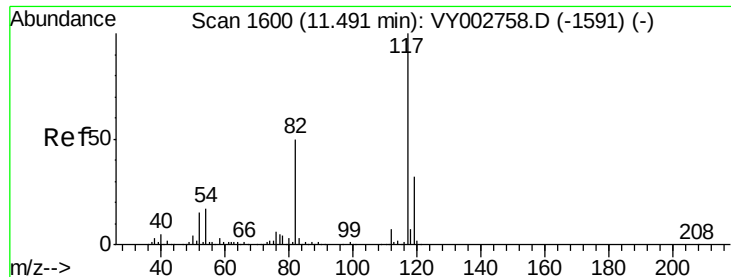
Tot Ion:107 Resp: 129668
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.715 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 95 Resp: 199283
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.2
 176 91.8 0.0 188.8

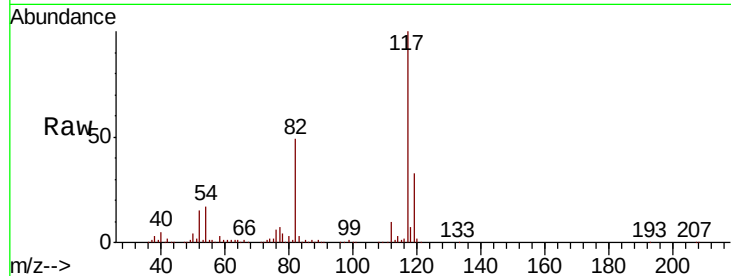




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	40.2	60.4
119	32.7	25.8	38.8

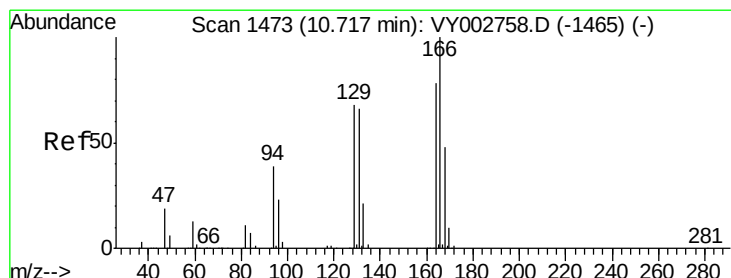
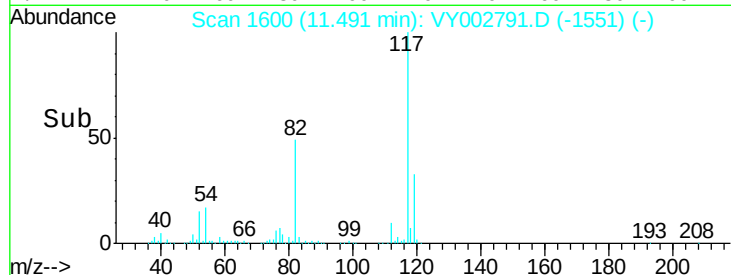
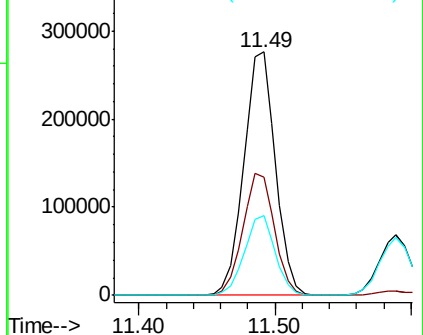


Abundance

Ion 116.90 (116.60 to 117.60): V

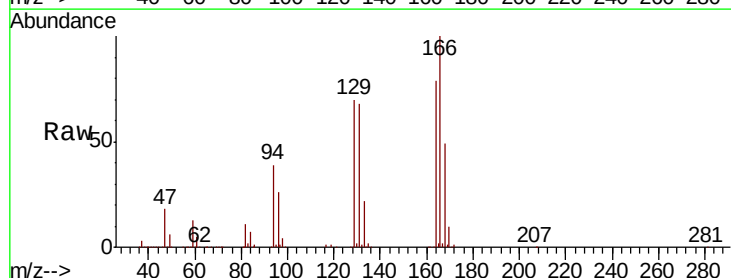
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.572 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.3	153.5
129	88.5	69.4	104.2
131	85.7	67.8	101.6



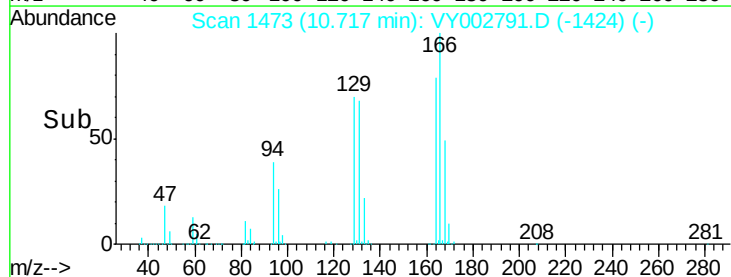
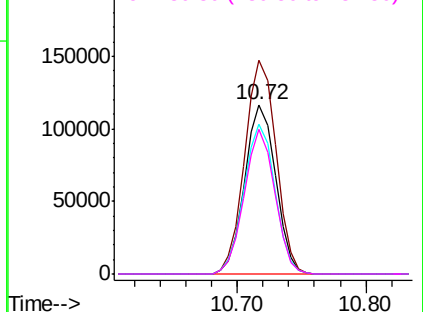
Abundance

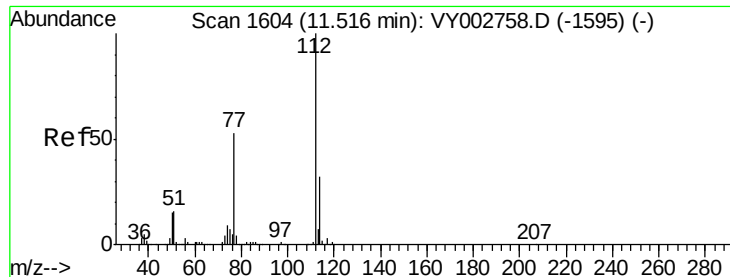
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

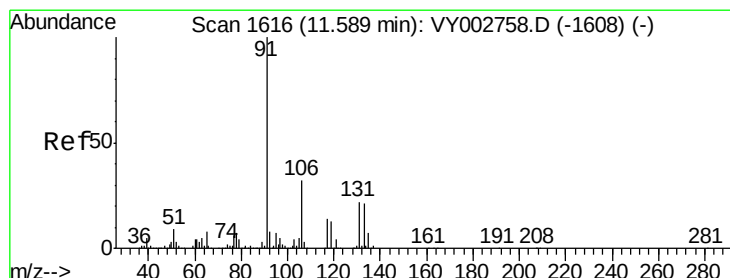
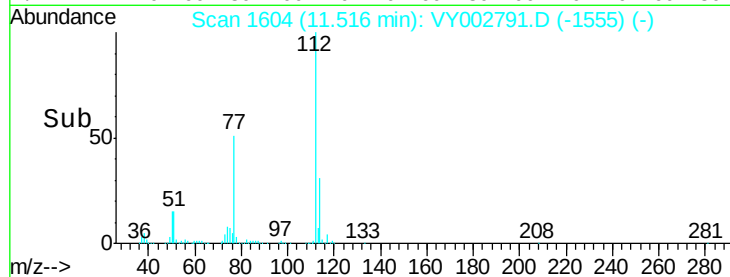
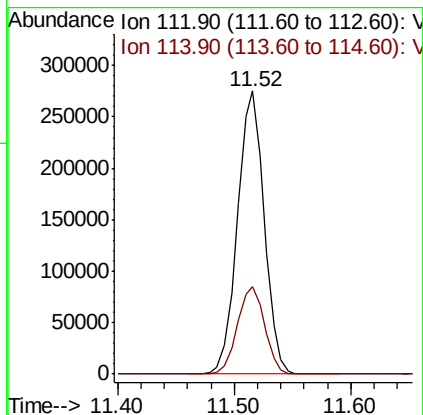
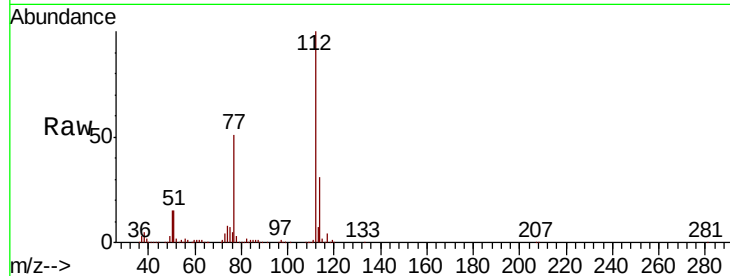




#65
Chlorobenzene
Concen: 49.821 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

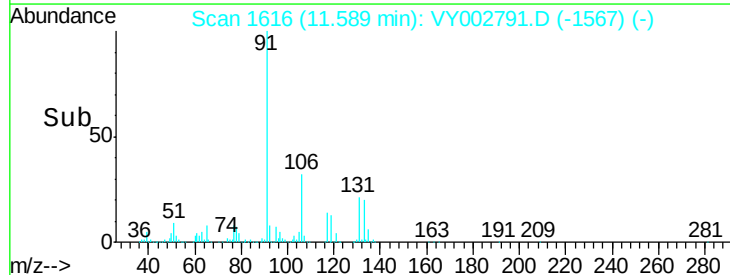
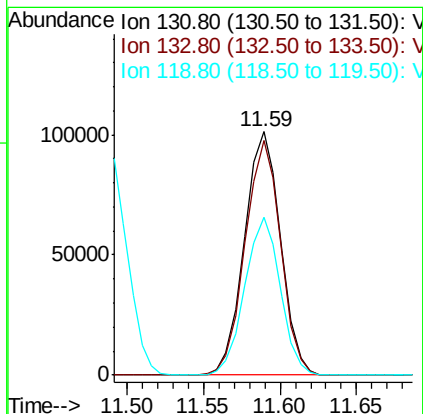
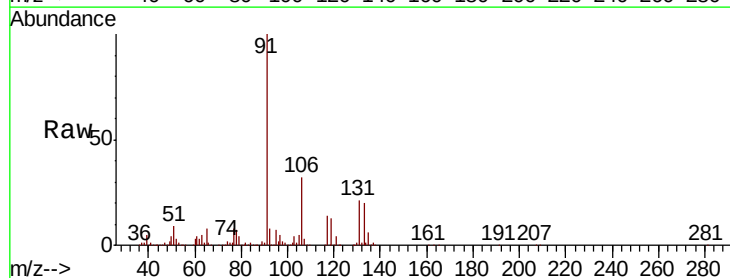
Instrument :
MSVOA_Y
ClientSampleId :

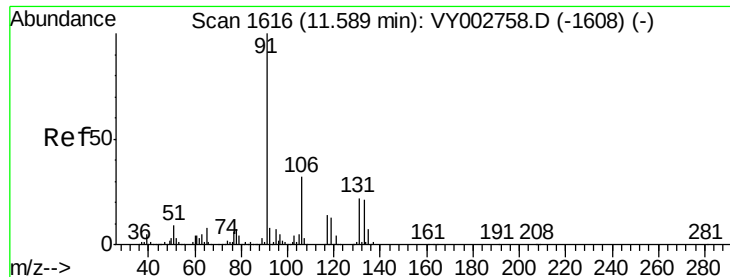
Tot Ion:112 Resp: 439427
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.090 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion:131 Resp: 166394
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 63.8 31.7 95.1

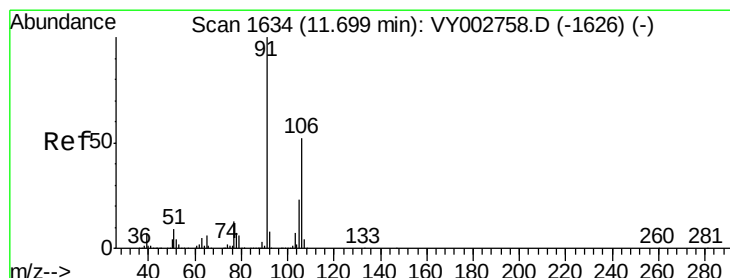
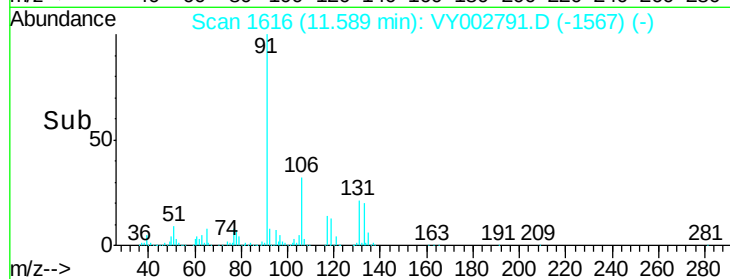
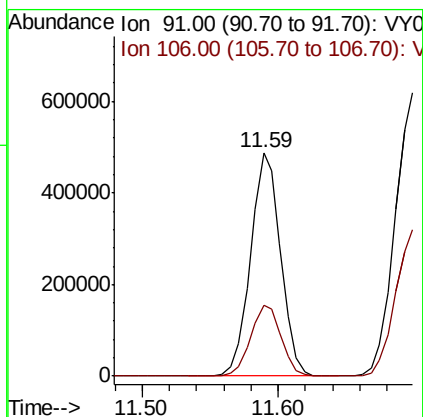
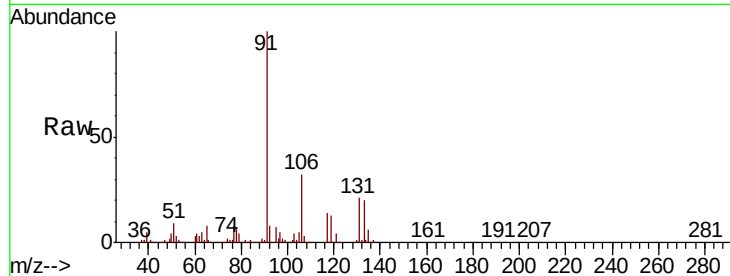




#67
Ethyl Benzene
Concen: 49.212 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

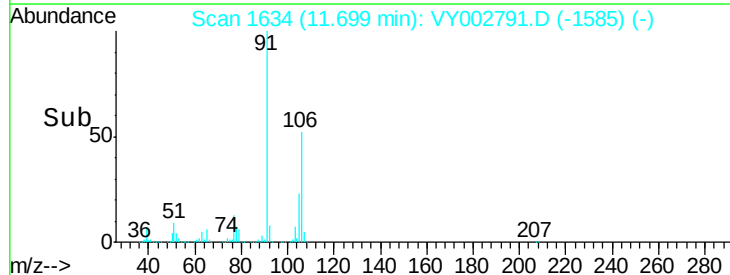
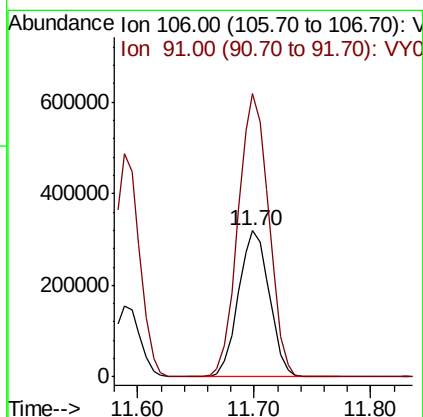
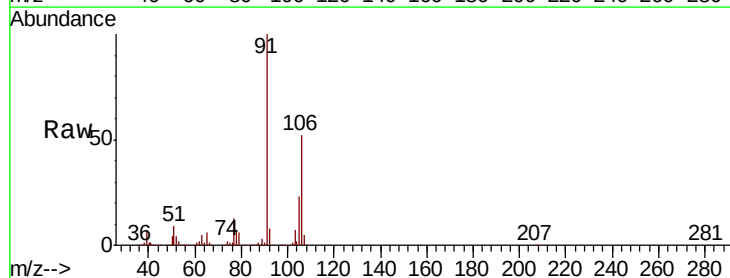
Instrument :
MSVOA_Y
ClientSampleId :

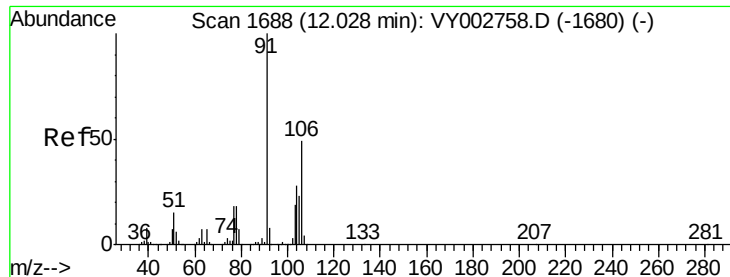
Tot Ion: 91 Resp: 752492
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 99.181 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 106 Resp: 588001
Ion Ratio Lower Upper
106 100
91 193.3 156.0 234.0

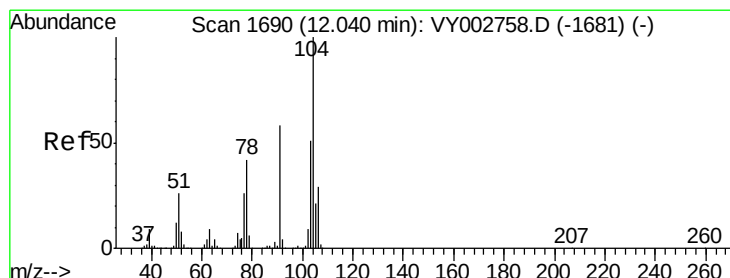
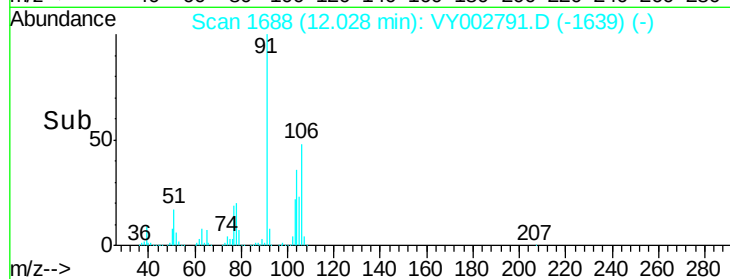
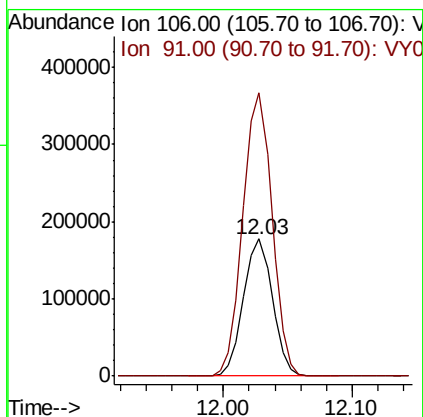
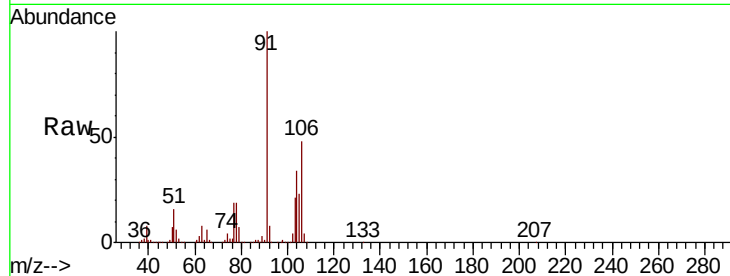




#69
o-Xylene
Concen: 49.439 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

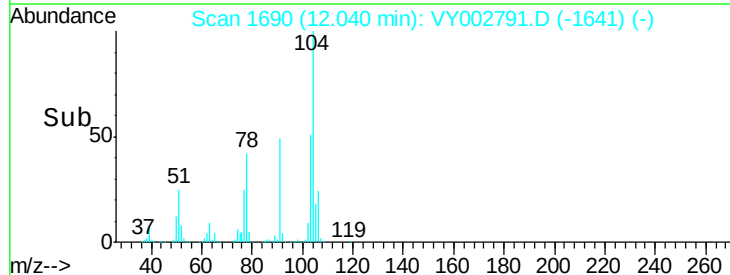
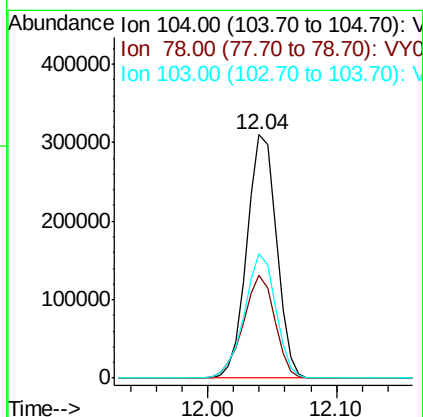
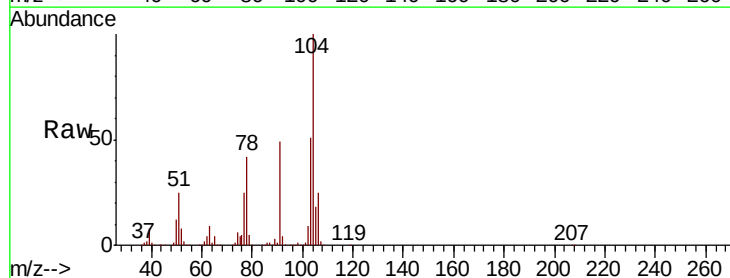
Instrument :
MSVOA_Y
ClientSampled :

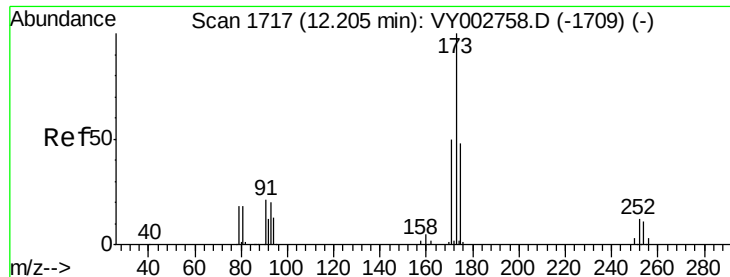
Tot Ion:106 Resp: 276696
Ion Ratio Lower Upper
106 100
91 208.0 102.4 307.1



#70
Styrene
Concen: 50.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion:104 Resp: 491945
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 49.948 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

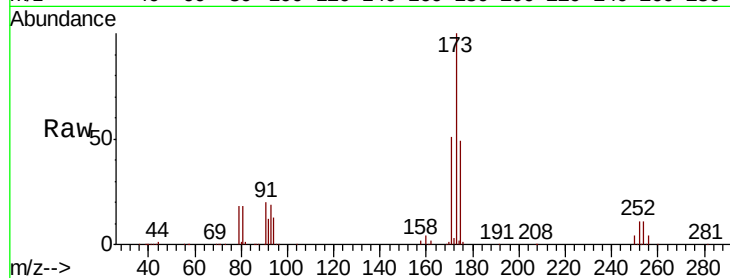
Tot Ion:173 Resp: 111023

Ion Ratio Lower Upper

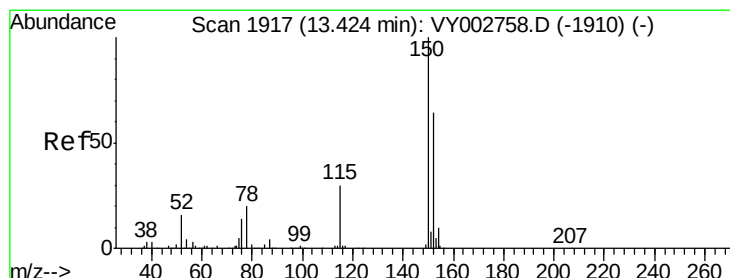
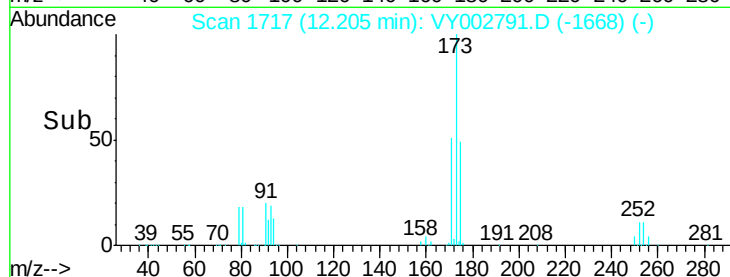
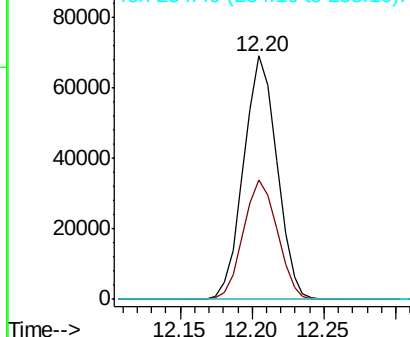
173 100

175 49.8 24.3 72.8

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

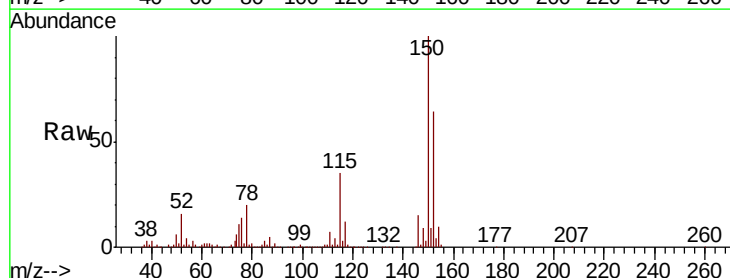
Tgt Ion:152 Resp: 239140

Ion Ratio Lower Upper

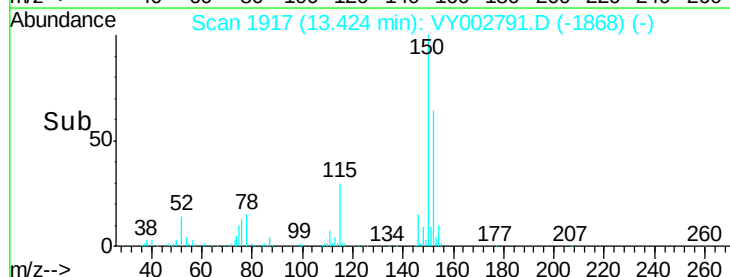
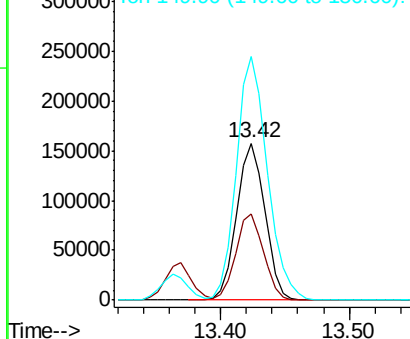
152 100

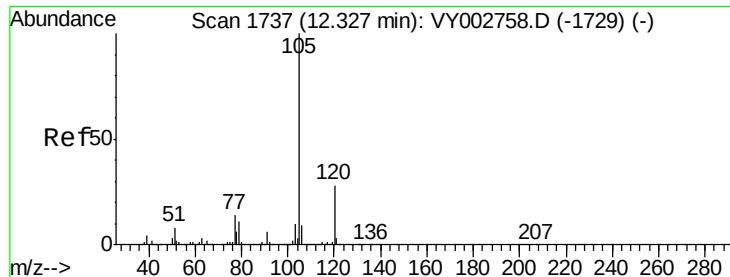
115 54.3 27.0 81.0

150 170.6 0.0 344.8



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: 49.359 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

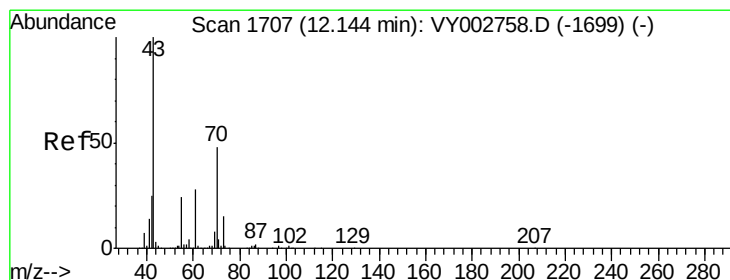
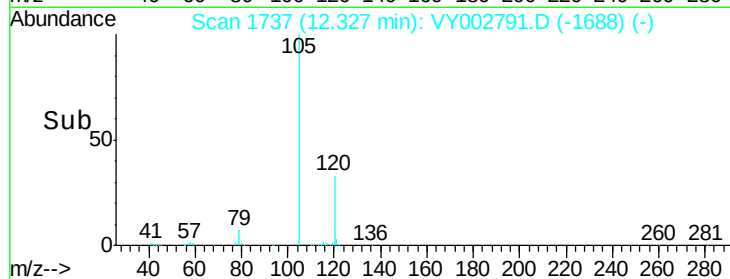
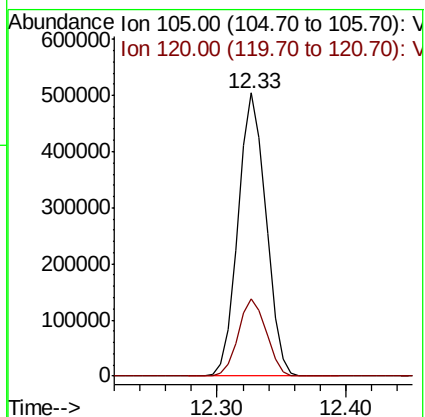
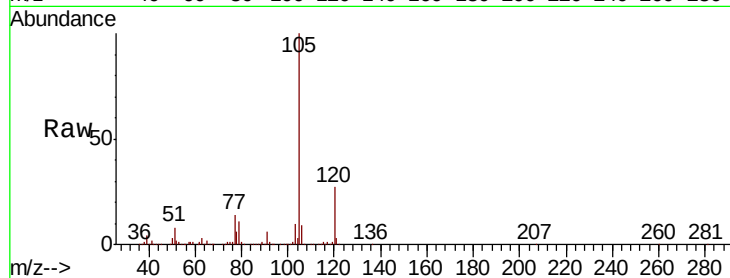
ClientSampleId :

Tot Ion:105 Resp: 756423

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 52.930 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion: 43 Resp: 208127

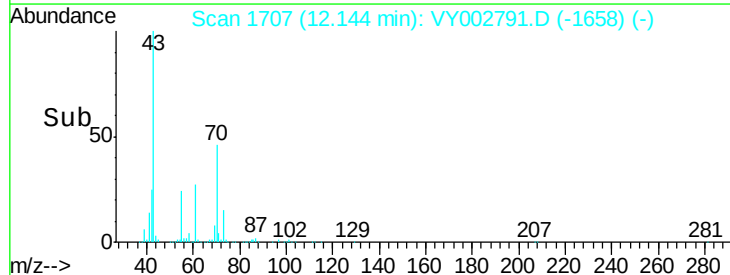
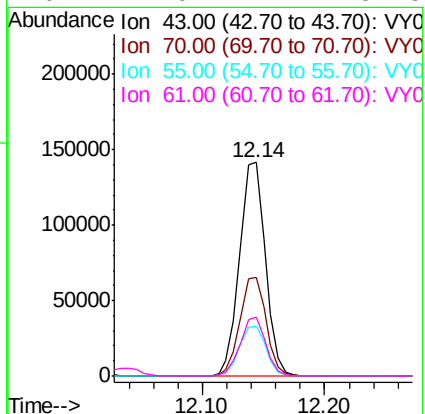
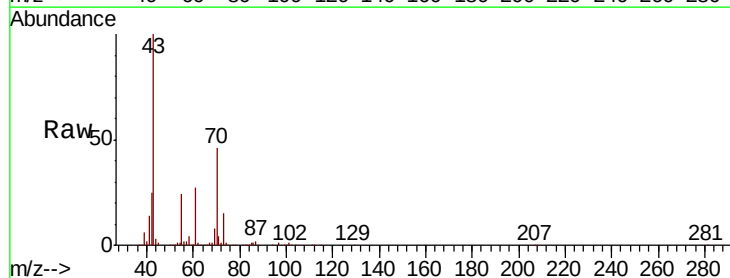
Ion Ratio Lower Upper

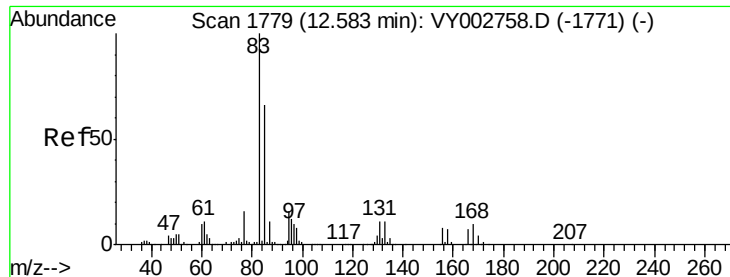
43 100

70 47.0 37.7 56.5

55 24.3 19.8 29.6

61 27.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.022 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

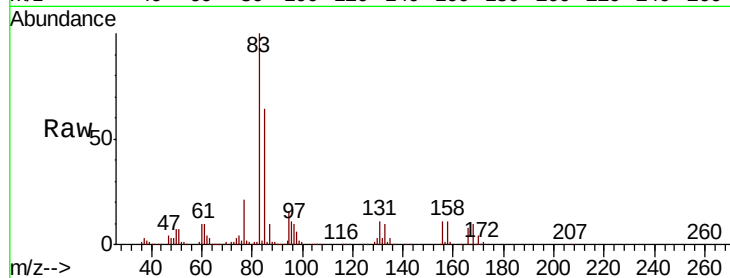
Tot Ion: 83 Resp: 139882

Ion Ratio Lower Upper

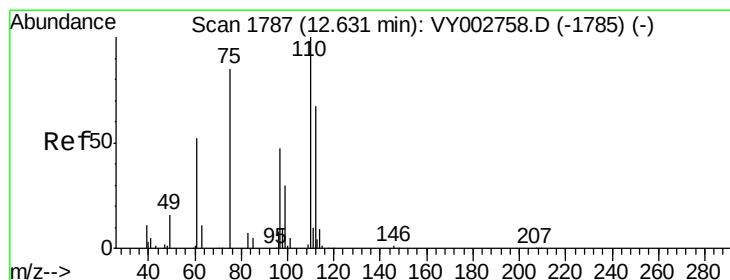
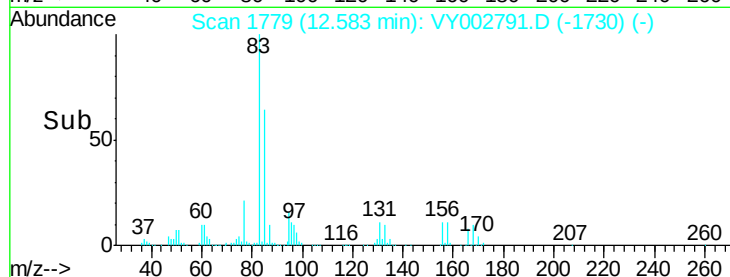
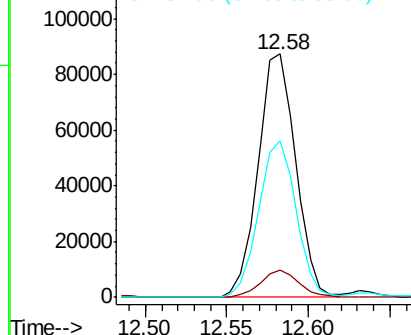
83 100

131 11.5 5.8 17.4

85 64.1 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 94.267 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002791.D

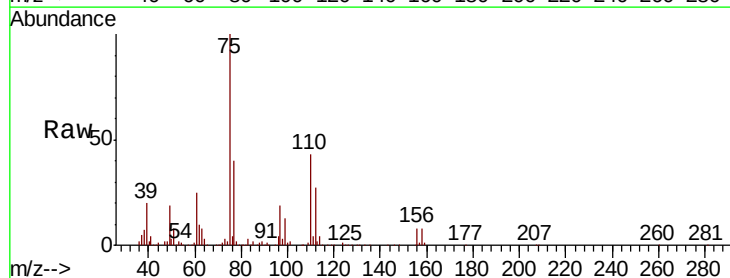
Acq: 28 May 2020 16:32

Tgt Ion: 75 Resp: 203127

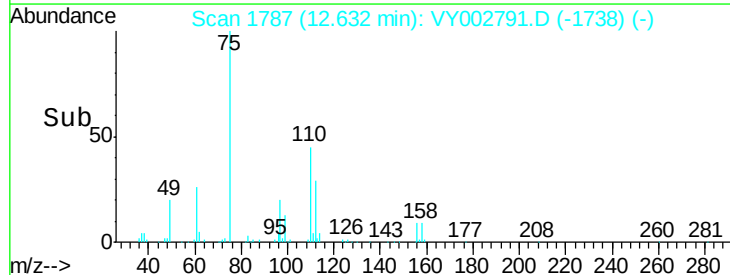
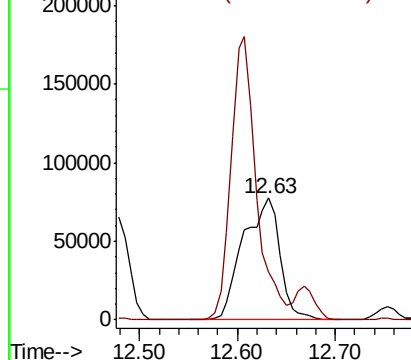
Ion Ratio Lower Upper

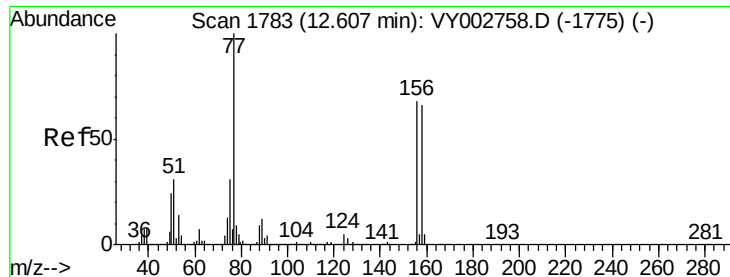
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.360 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

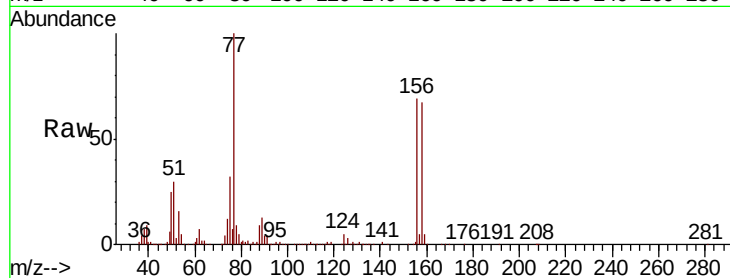
Tot Ion:156 Resp: 196968

Ion Ratio Lower Upper

156 100

77 163.8 81.4 244.2

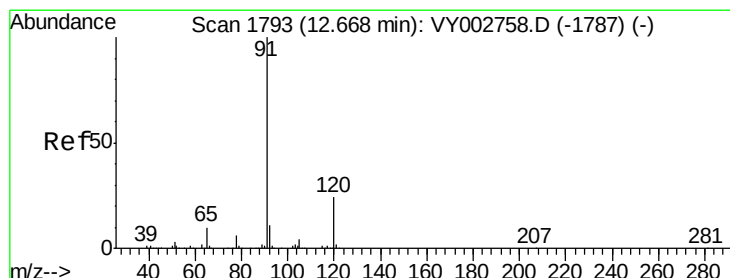
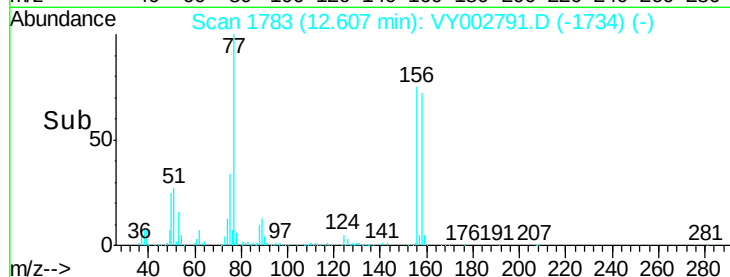
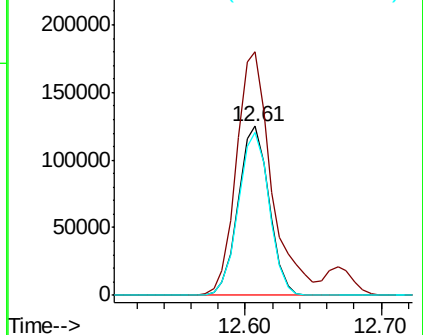
158 96.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.584 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002791.D

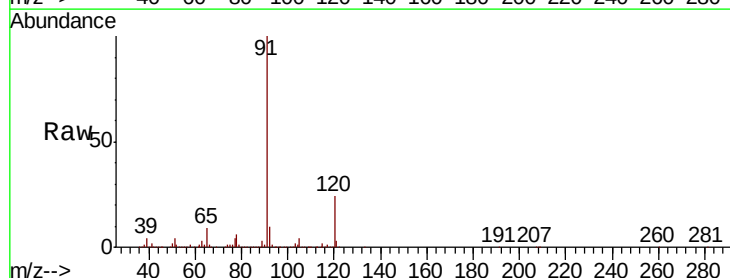
Acq: 28 May 2020 16:32

Tgt Ion: 91 Resp: 877754

Ion Ratio Lower Upper

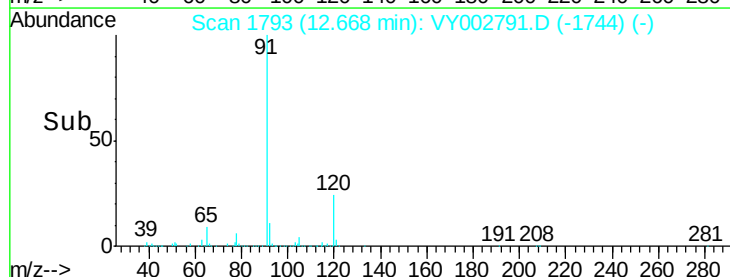
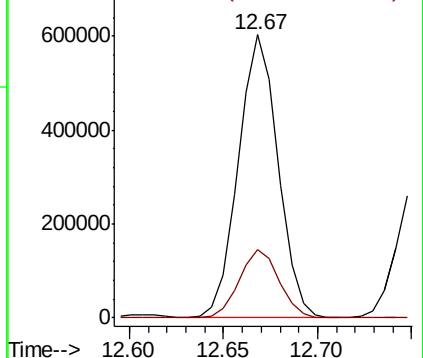
91 100

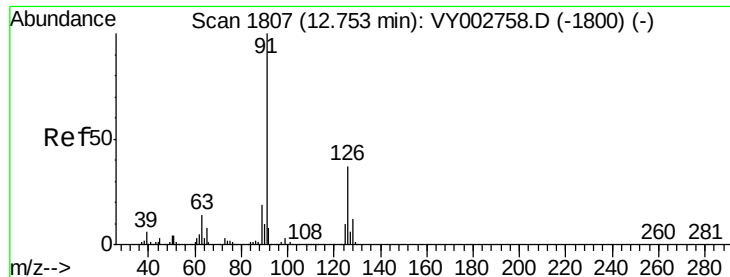
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

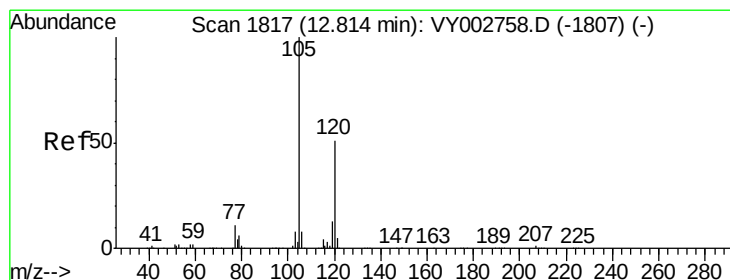
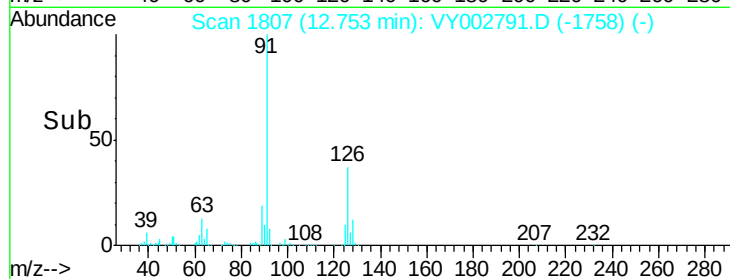
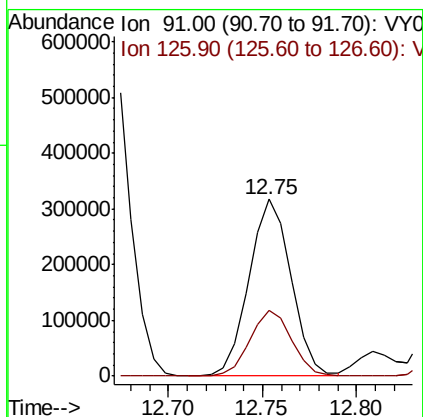
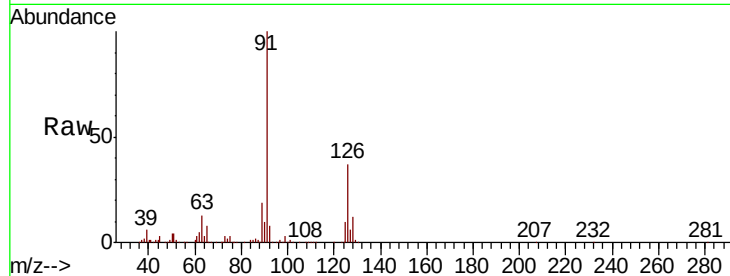




#79
 2-Chlorotoluene
 Concen: 49.596 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

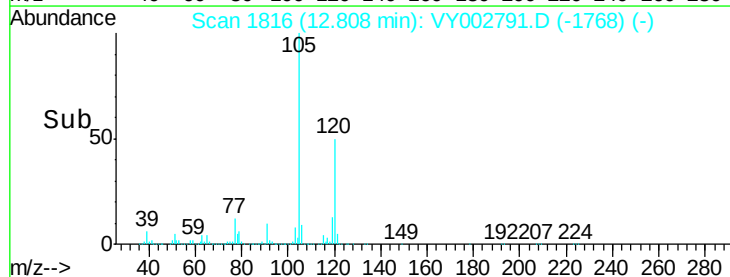
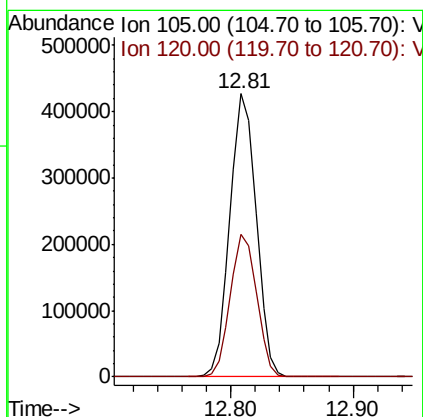
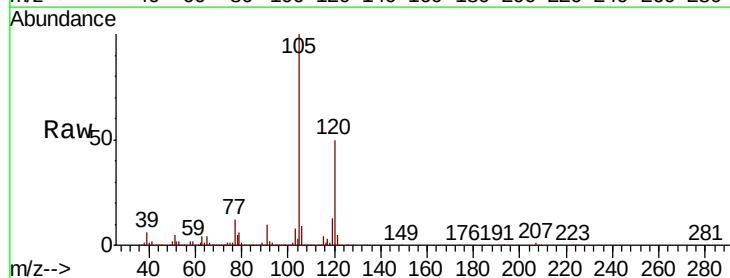
Instrument :
 MSVOA_Y
 ClientSampled :

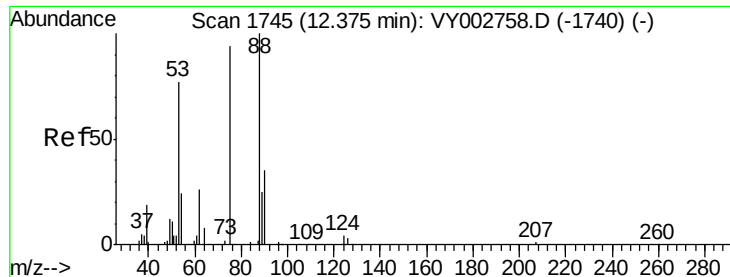
Tot Ion: 91 Resp: 492492
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.689 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 105 Resp: 635810
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.536 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

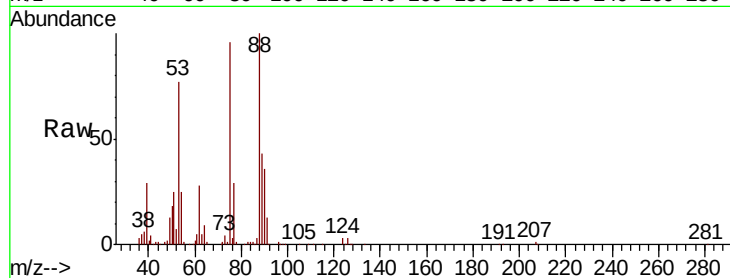
Tot Ion: 75 Resp: 58944

Ion Ratio Lower Upper

75 100

53 79.8 64.0 96.0

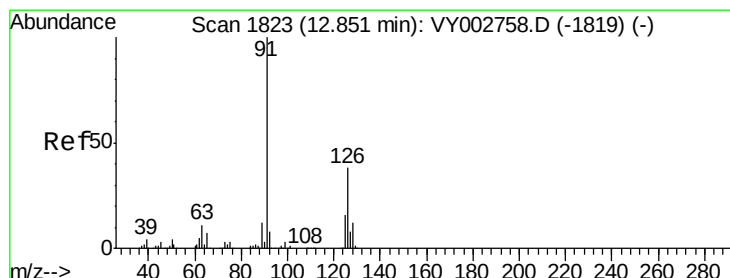
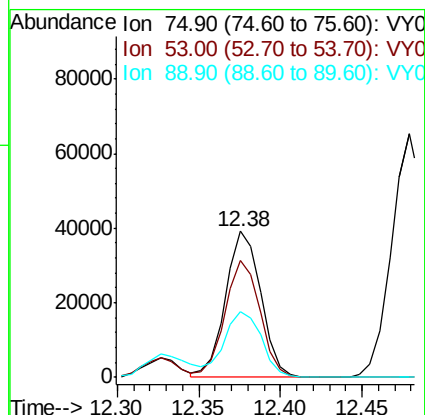
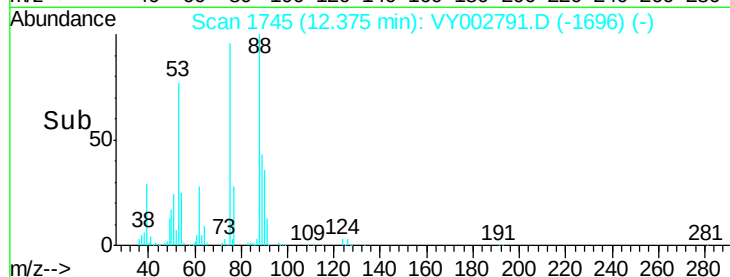
89 47.4 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.163 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002791.D

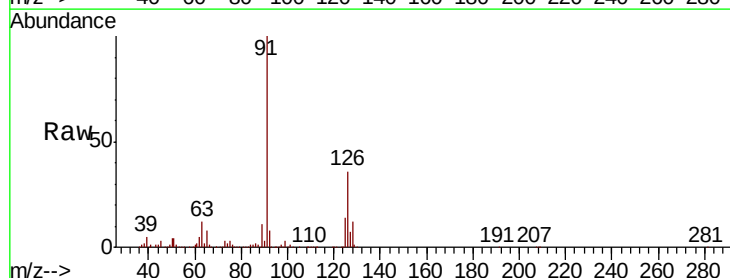
Acq: 28 May 2020 16:32

Tgt Ion: 91 Resp: 511487

Ion Ratio Lower Upper

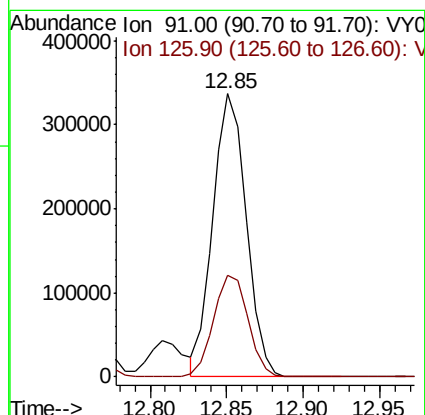
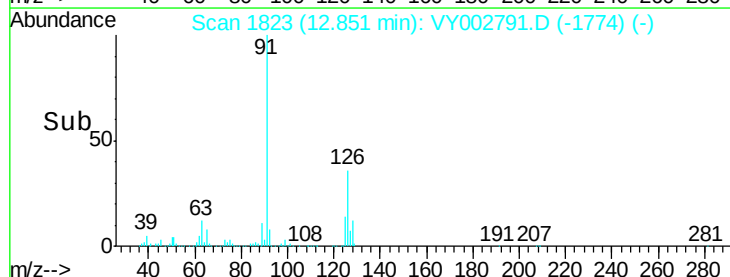
91 100

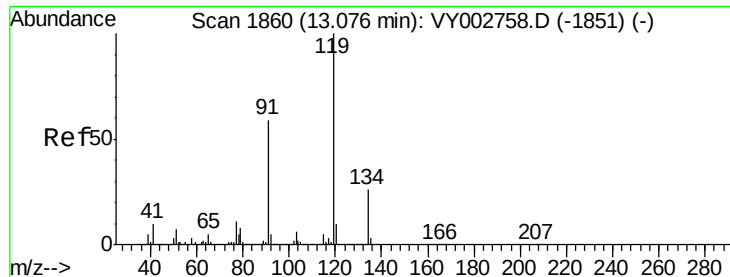
126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.834 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampled :

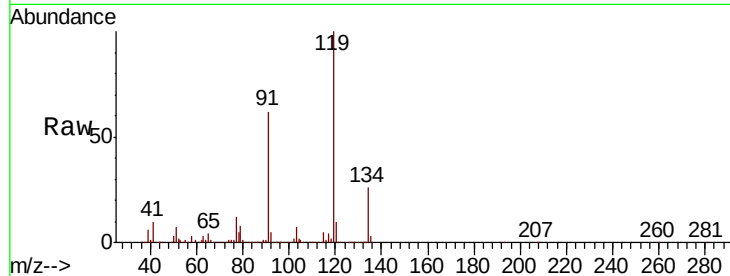
Tot Ion:119 Resp: 568804

Ion Ratio Lower Upper

119 100

91 59.6 29.8 89.4

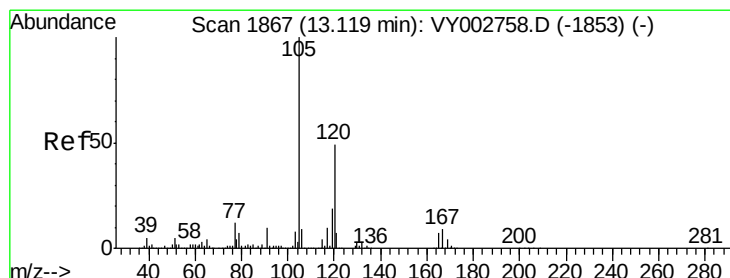
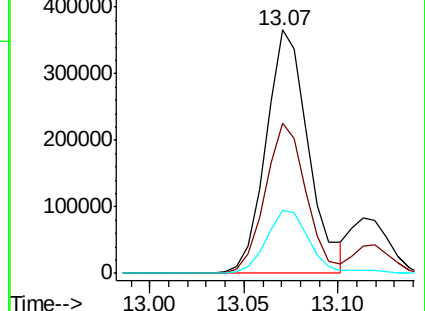
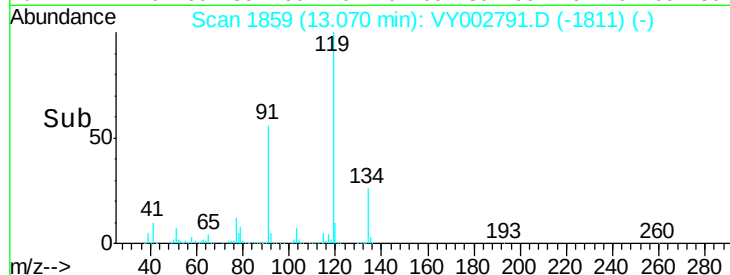
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.799 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002791.D

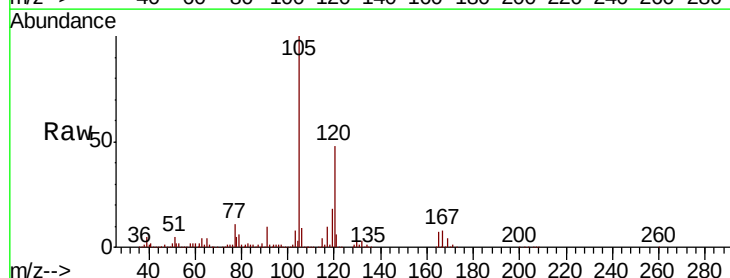
Acq: 28 May 2020 16:32

Tgt Ion:105 Resp: 640727

Ion Ratio Lower Upper

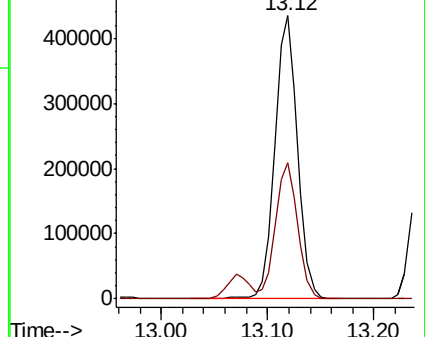
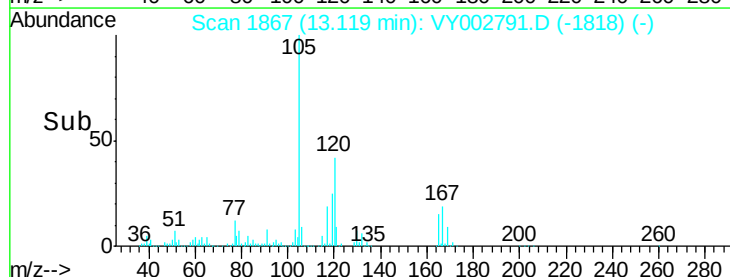
105 100

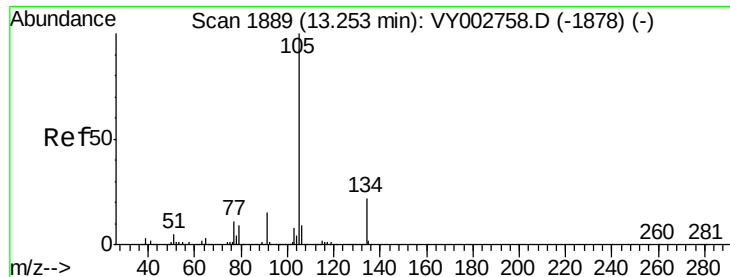
120 47.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.350 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

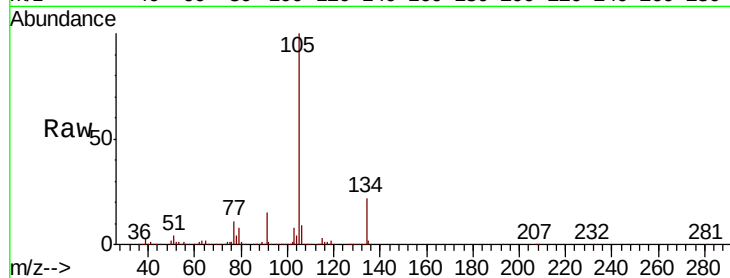
ClientSampled :

Tot Ion:105 Resp: 770169

Ion Ratio Lower Upper

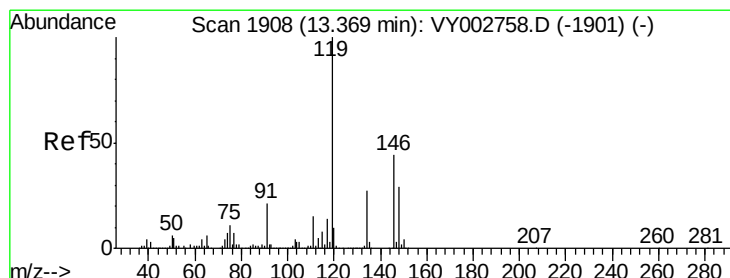
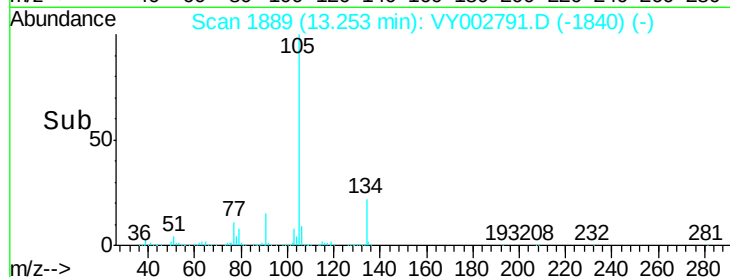
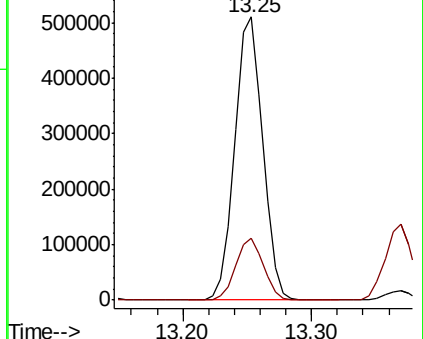
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.805 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

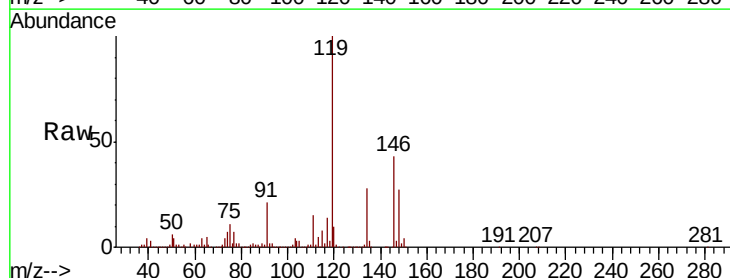
Tgt Ion:119 Resp: 723256

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

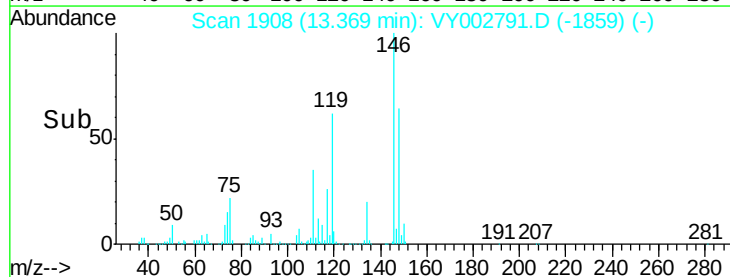
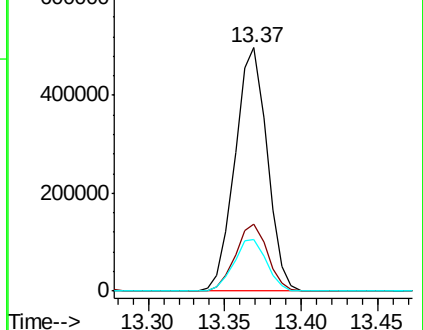
91 21.6 10.8 32.4

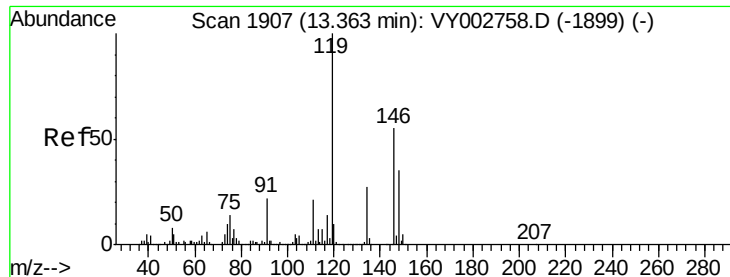


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

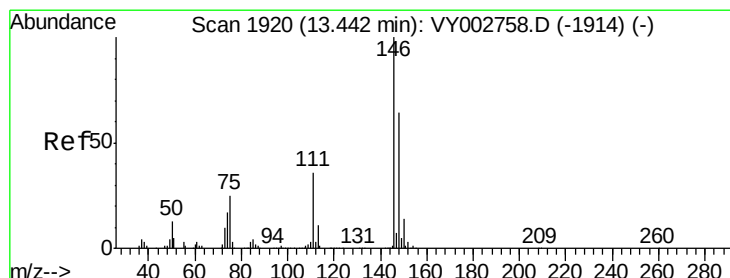
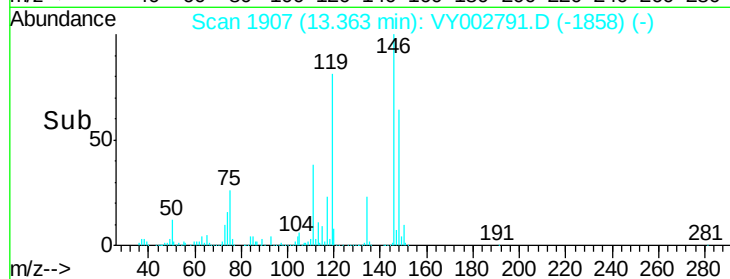
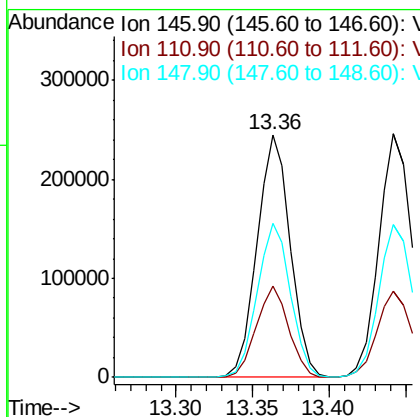
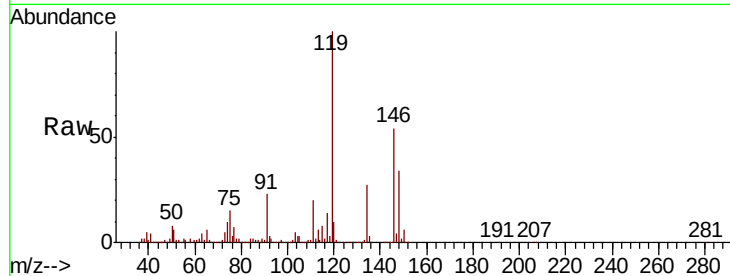




#87
 1,3-Dichlorobenzene
 Concen: 48.893 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

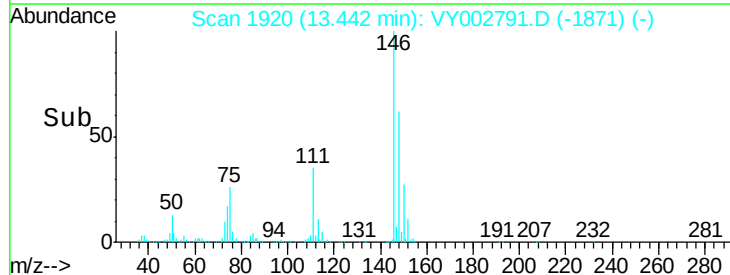
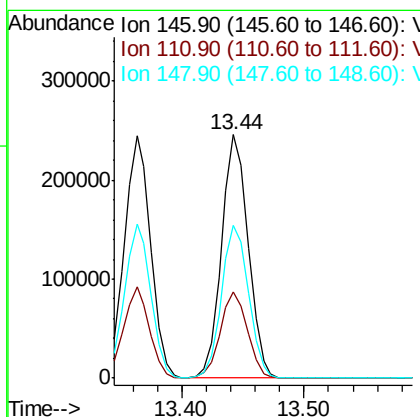
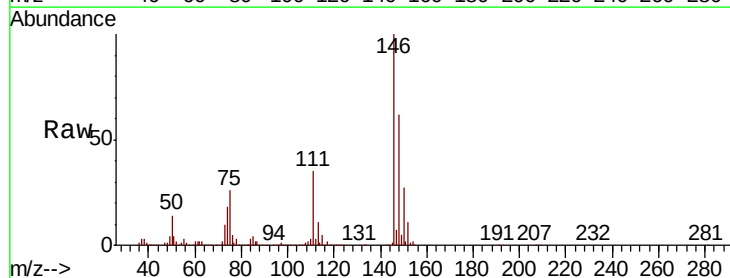
Instrument :
 MSVOA_Y
 ClientSampleId :

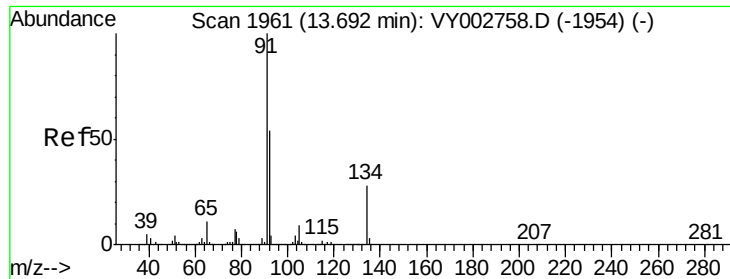
Tot Ion:146 Resp: 369568
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.992 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion:146 Resp: 370440
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.3
 148 63.5 32.1 96.3

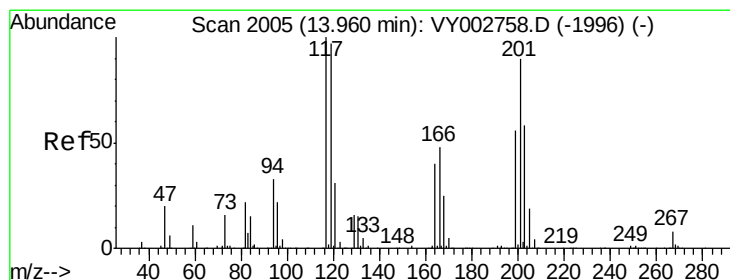
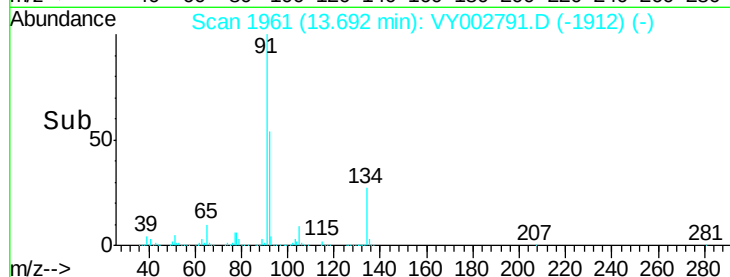
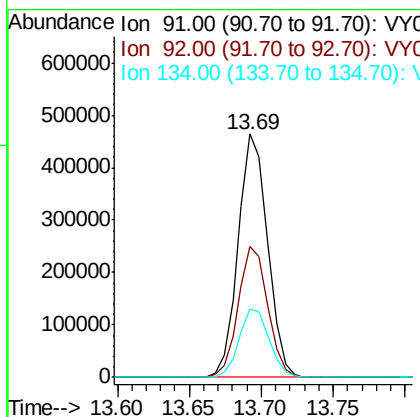
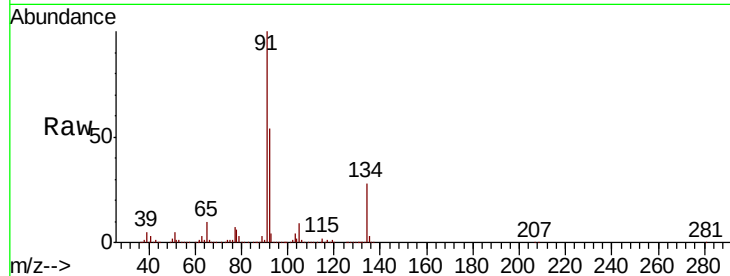




#89
n-Butylbenzene
Concen: 49.967 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

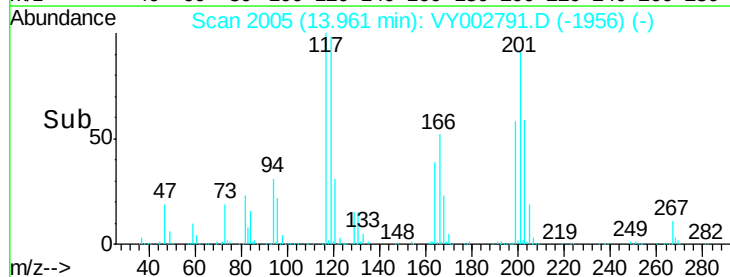
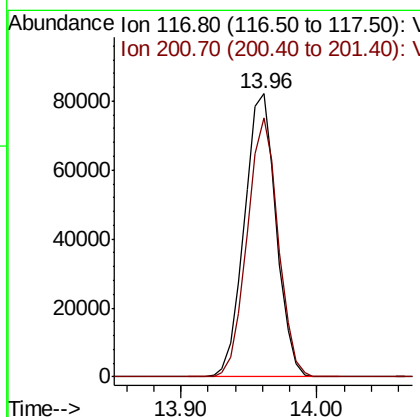
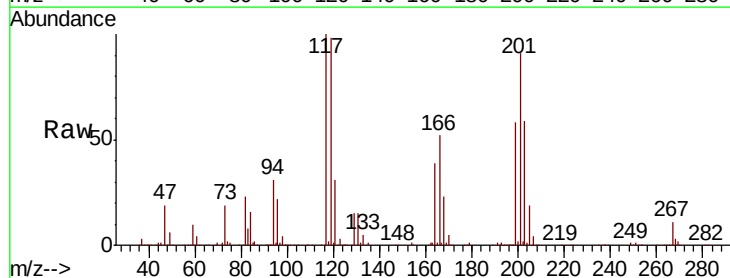
Instrument :
MSVOA_Y
ClientSampleId :

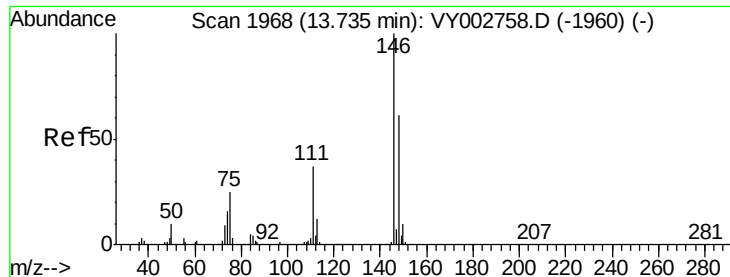
Tot Ion: 91 Resp: 658773
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 49.439 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 117 Resp: 134405
Ion Ratio Lower Upper
117 100
201 89.2 43.9 131.6

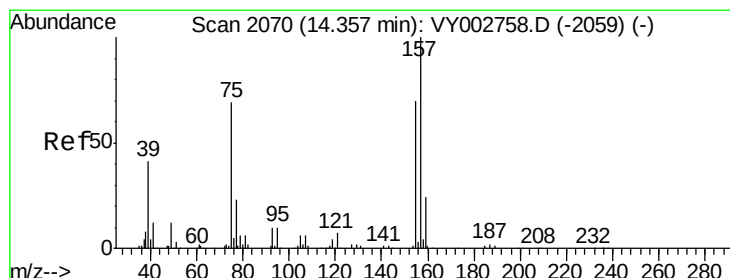
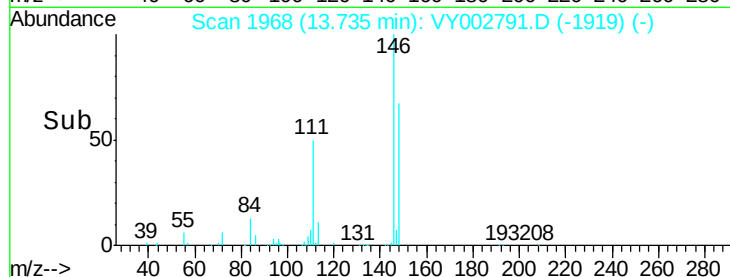
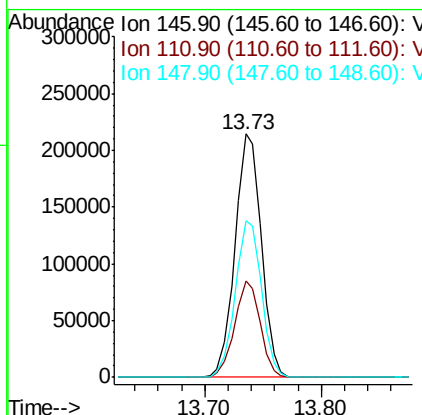
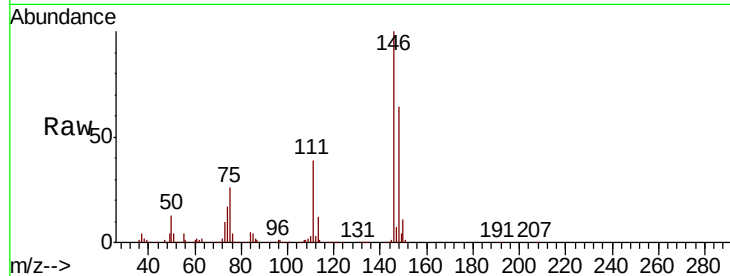




#91
 1,2-Dichlorobenzene
 Concen: 49.245 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

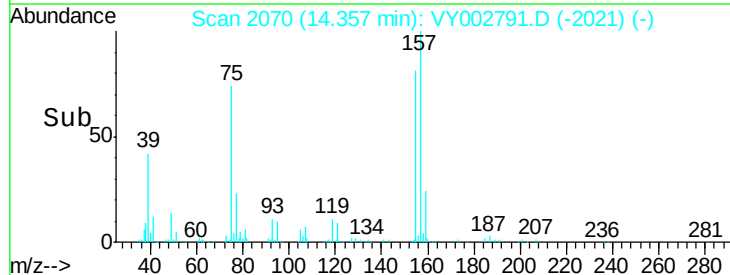
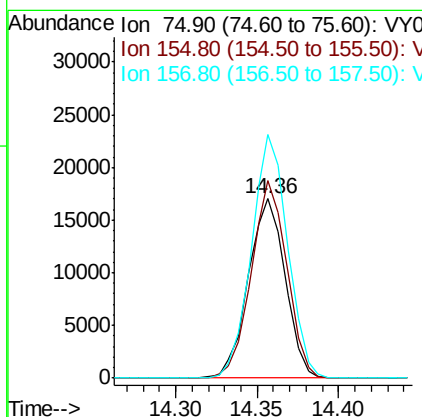
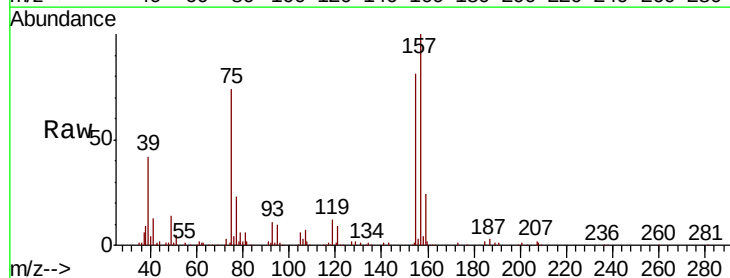
Instrument :
 MSVOA_Y
 ClientSampleId :

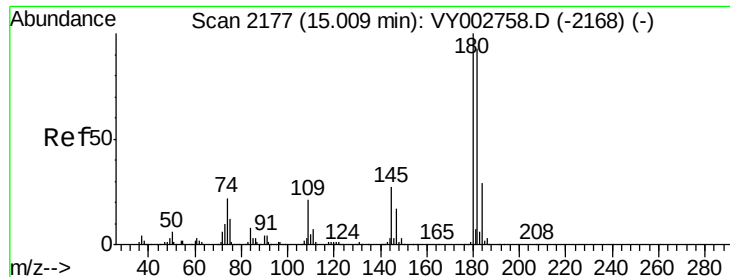
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.763 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.9	53.5	160.5
157	132.8	69.9	209.7

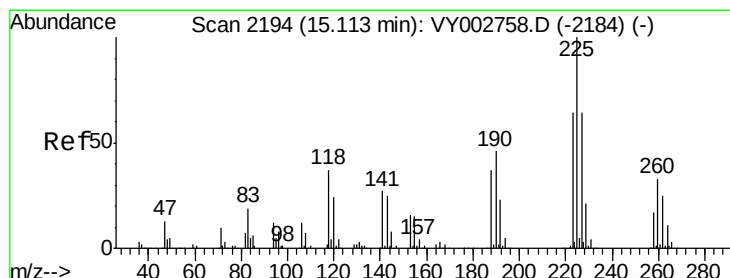
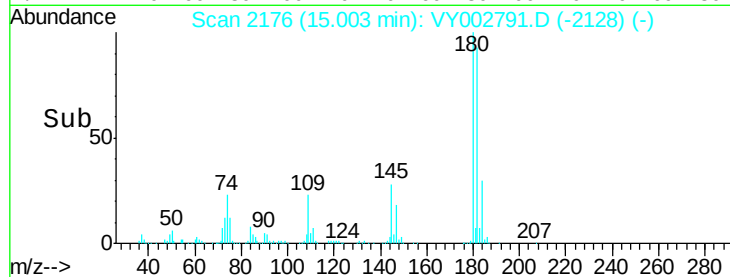
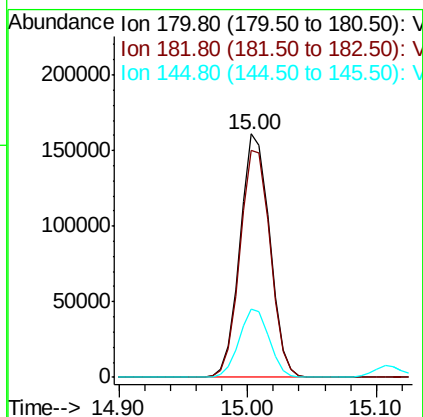
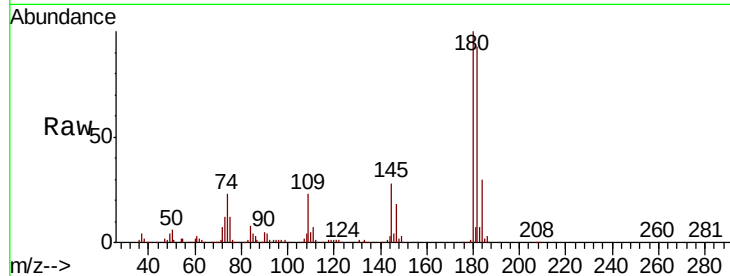




#93
 1,2,4-Trichlorobenzene
 Concen: 49.565 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

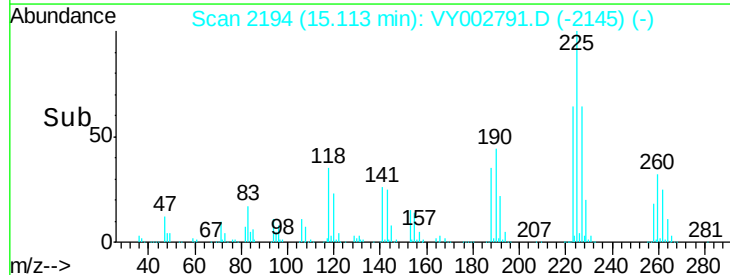
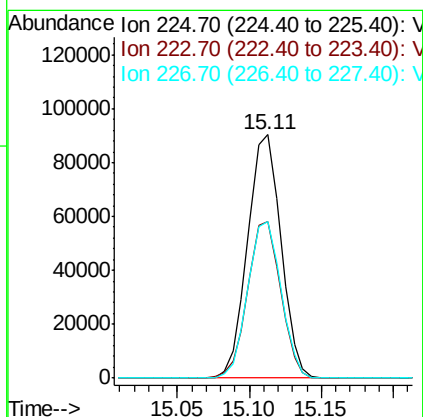
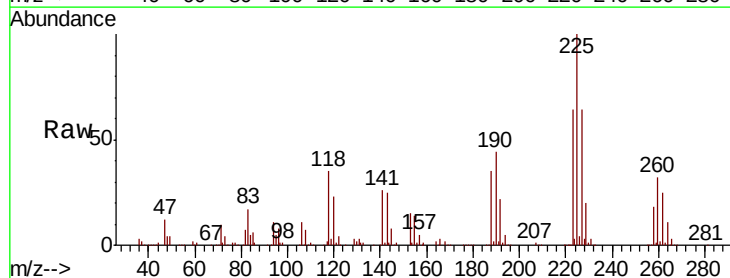
Instrument :
 MSVOA_Y
 ClientSampleId :

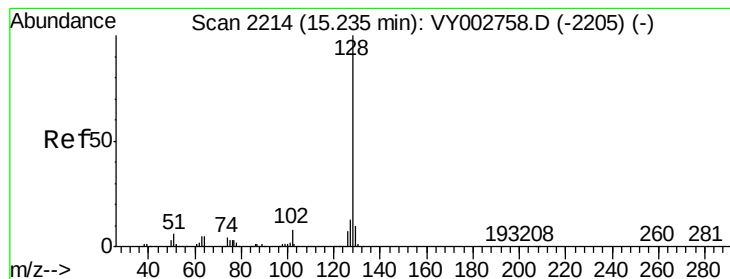
Tot Ion:180 Resp: 256099
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.285 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion:225 Resp: 144433
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 50.559 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

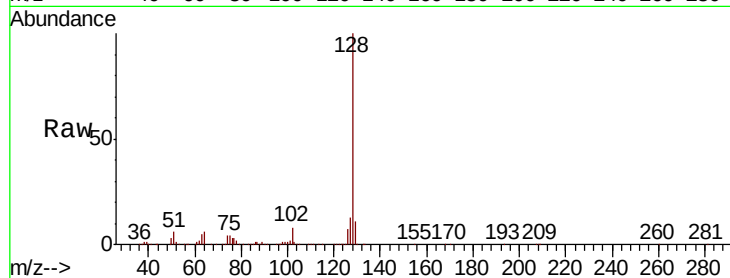
Tot Ion:128 Resp: 523782

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

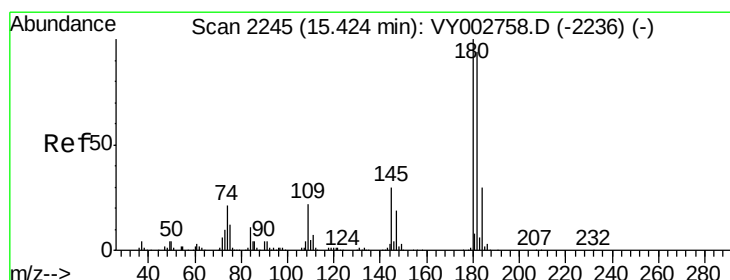
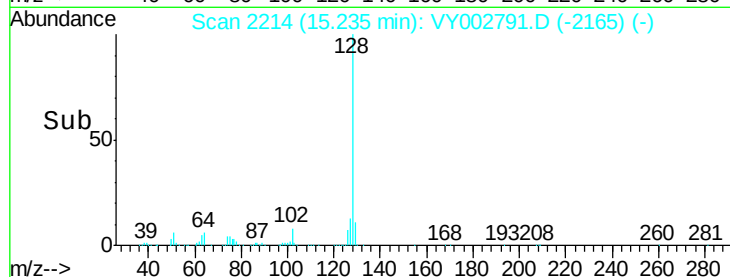
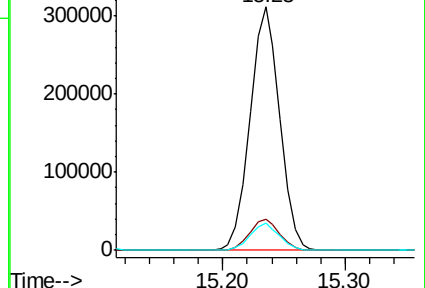
129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 49.487 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

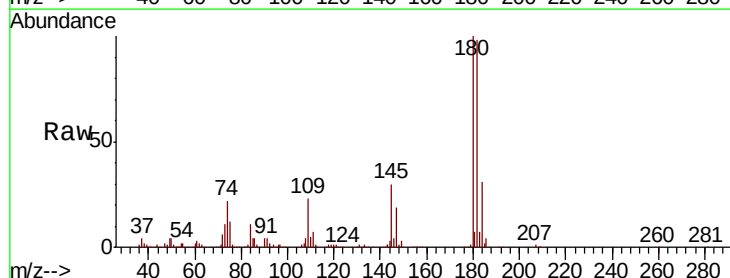
Tgt Ion:180 Resp: 228333

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

145 30.0 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

