

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002793.D
 Acq On : 29 May 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:53:56 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	293355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222476	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	124214	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	7.72	113	125431	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.18	98	498407	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.48	95	174310	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	99785	49.435	ug/l	97
3) Chloromethane	2.12	50	110725	49.593	ug/l	99
4) Vinyl Chloride	2.26	62	123595	52.373	ug/l	97
5) Bromomethane	2.65	94	87538	49.499	ug/l	98
6) Chloroethane	2.79	64	75577	49.403	ug/l	97
7) Trichlorofluoromethane	3.13	101	203689	48.735	ug/l	98
8) Diethyl Ether	3.53	74	74224	45.481	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125462	50.558	ug/l	98
10) Methyl Iodide	4.10	142	167457	48.226	ug/l	100
11) Tert butyl alcohol	4.96	59	68557	250.446	ug/l	98
12) 1,1-Dichloroethene	3.88	96	122737	49.181	ug/l	99
13) Acrolein	3.74	56	82317	275.773	ug/l	100
14) Allyl chloride	4.48	41	179849	50.247	ug/l	100
15) Acrylonitrile	5.17	53	189471	257.347	ug/l	100
16) Acetone	3.96	43	172099	288.142	ug/l	97
17) Carbon Disulfide	4.19	76	362438	48.060	ug/l	99
18) Methyl Acetate	4.49	43	77241	51.569	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	350459	50.868	ug/l	100
20) Methylene Chloride	4.72	84	138288	47.378	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	138249	49.259	ug/l	99
22) Diisopropyl ether	6.13	45	377383	50.738	ug/l	98
23) Vinyl Acetate	6.07	43	1295192	263.748	ug/l	99
24) 1,1-Dichloroethane	6.02	63	219168	50.372	ug/l	99
25) 2-Butanone	6.99	43	246321	264.705	ug/l	100
26) 2,2-Dichloropropane	6.99	77	203995	48.886	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	154910	49.305	ug/l	99
28) Bromochloromethane	7.34	49	86368	48.354	ug/l	100
29) Tetrahydrofuran	7.35	42	156965	259.323	ug/l	100
30) Chloroform	7.51	83	233046	50.475	ug/l	96
31) Cyclohexane	7.78	56	204697	47.384	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	214968	49.964	ug/l	99
36) 1,1-Dichloropropene	7.92	75	181670	49.846	ug/l	100
37) Ethyl Acetate	7.08	43	103346	52.117	ug/l	98
38) Carbon Tetrachloride	7.90	117	202396	49.989	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002793.D
 Acq On : 29 May 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:53:56 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)
39) Methylcyclohexane	9.19	83	234372	48.787	ug/l	99
40) Benzene	8.16	78	538558	50.009	ug/l	99
41) Methacrylonitrile	7.35	41	140310	131.710	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	152860	50.648	ug/l	99
43) Isopropyl Acetate	8.27	43	193917	51.605	ug/l	100
44) Trichloroethene	8.94	130	169868	49.937	ug/l	99
45) 1,2-Dichloropropane	9.22	63	128563	49.781	ug/l	98
46) Dibromomethane	9.31	93	78430	51.136	ug/l	98
47) Bromodichloromethane	9.50	83	188481	52.128	ug/l	97
48) Methyl methacrylate	9.29	41	87859	51.793	ug/l	98
49) 1,4-Dioxane	9.30	88	24157	1025.765	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	526510	264.603	ug/l	100
52) Toluene	10.24	92	354424	50.309	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	206085	52.183	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	230703	51.553	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	118792	50.590	ug/l	94
56) Ethyl methacrylate	10.51	69	164699	52.367	ug/l	99
57) 1,3-Dichloropropane	10.79	76	197571	51.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	383968	249.852	ug/l	100
59) 2-Hexanone	10.83	43	380936	269.820	ug/l	100
60) Dibromochloromethane	10.99	129	154813	52.003	ug/l	100
61) 1,2-Dibromoethane	11.09	107	116952	50.491	ug/l	99
64) Tetrachloroethene	10.72	164	178834	48.190	ug/l	99
65) Chlorobenzene	11.52	112	399639	49.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	153525	50.510	ug/l	99
67) Ethyl Benzene	11.60	91	695431	49.705	ug/l	99
68) m/p-Xylenes	11.70	106	541961	99.908	ug/l	100
69) o-Xylene	12.03	106	259760	50.724	ug/l	99
70) Styrene	12.05	104	450208	50.714	ug/l	100
71) Bromoform	12.20	173	103687	50.982	ug/l #	98
73) Isopropylbenzene	12.33	105	699423	49.058	ug/l	99
74) N-amyl acetate	12.14	43	189063	51.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	128177	51.240	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	190661	95.109	ug/l #	100
77) Bromobenzene	12.61	156	182412	49.136	ug/l	100
78) n-propylbenzene	12.67	91	821916	49.908	ug/l	100
79) 2-Chlorotoluene	12.75	91	453553	49.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	592115	49.740	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54937	51.630	ug/l	98
82) 4-Chlorotoluene	12.86	91	480254	49.619	ug/l	99
83) tert-Butylbenzene	13.08	119	523267	49.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	599449	50.081	ug/l	99
85) sec-Butylbenzene	13.25	105	723463	49.829	ug/l	99
86) p-Isopropyltoluene	13.37	119	682219	50.498	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	350444	49.836	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	349389	49.669	ug/l	99
89) n-Butylbenzene	13.70	91	620240	50.568	ug/l	99
90) Hexachloroethane	13.96	117	126015	49.825	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	320340	50.231	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25285	52.538	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
Data File : VY002793.D
Acq On : 29 May 2020 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 30 03:53:56 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

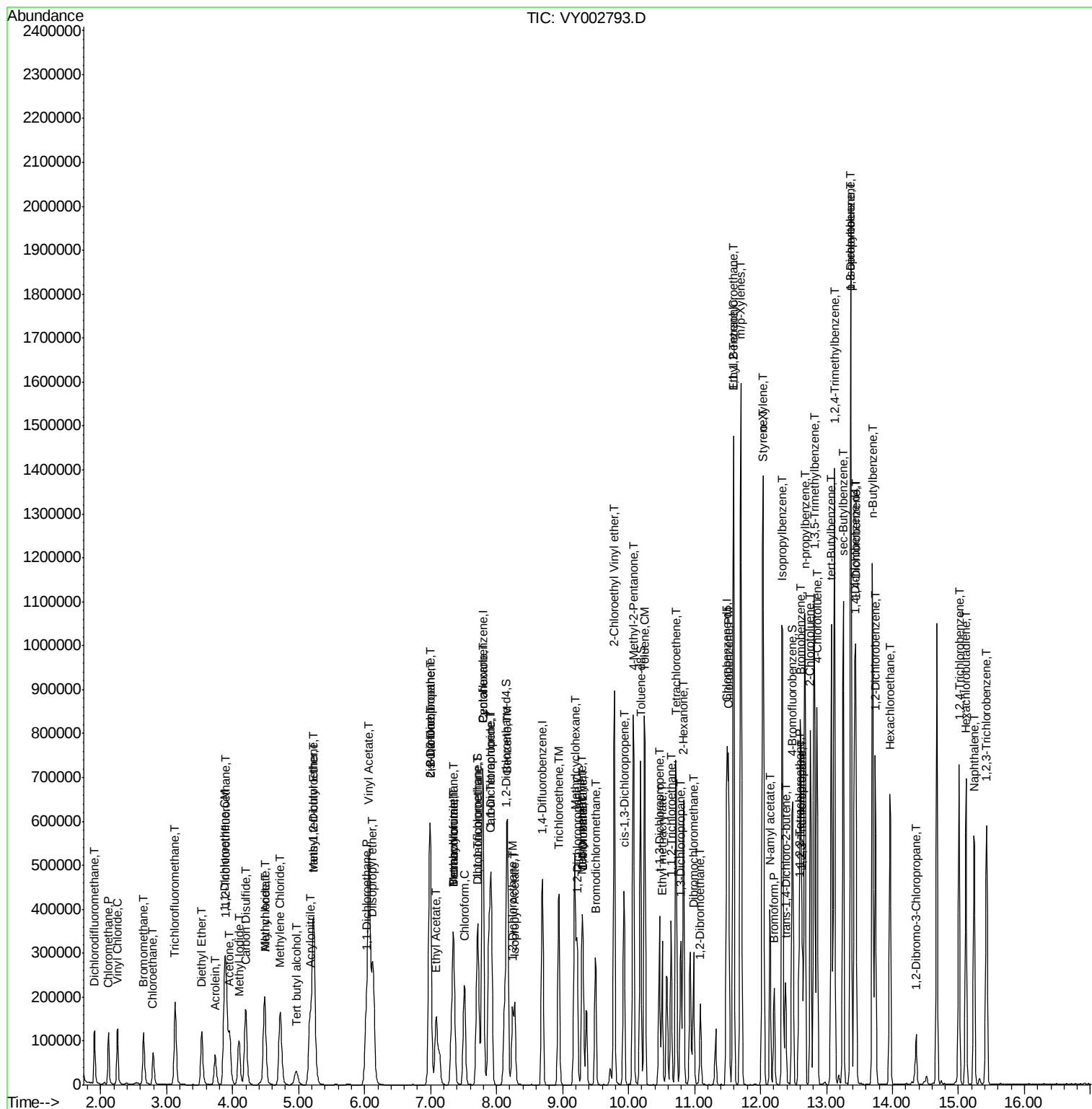
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	239276	49.778	ug/l	99
94) Hexachlorobutadiene	15.11	225	134779	49.435	ug/l	99
95) Naphthalene	15.23	128	488149	50.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	215506	50.205	ug/l	99

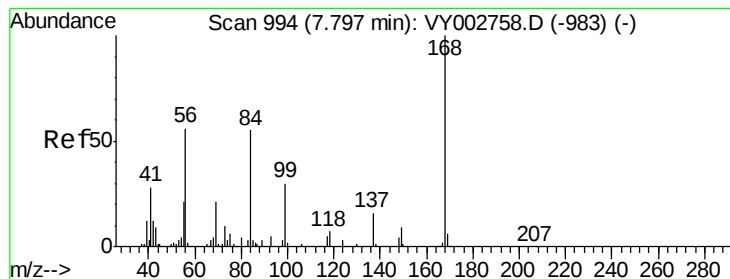
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
Data File : VY002793.D
Acq On : 29 May 2020 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 30 03:53:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

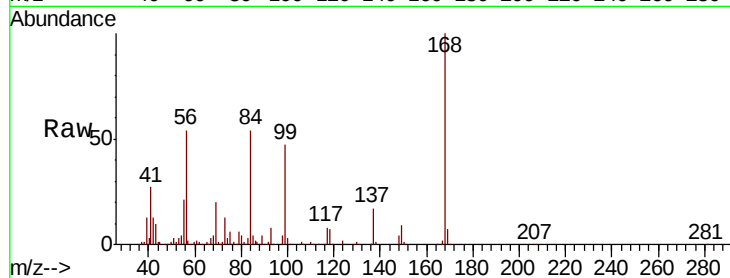
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 293355

Ion Ratio Lower Upper

168 100

99 46.9 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

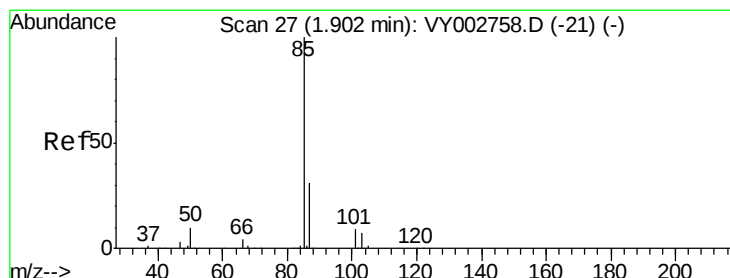
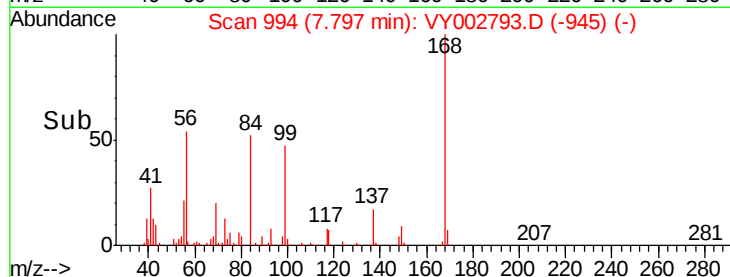
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.435 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002793.D

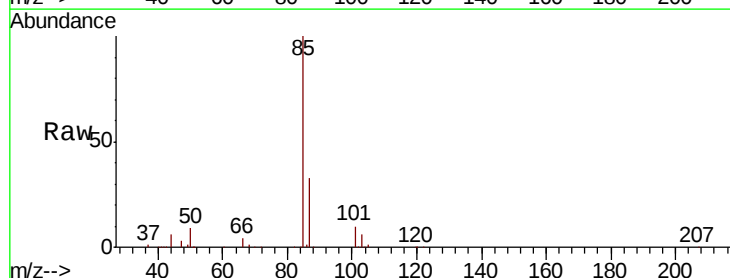
Acq: 29 May 2020 10:12

Tgt Ion: 85 Resp: 99785

Ion Ratio Lower Upper

85 100

87 32.6 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) (-)

1.91

80000

60000

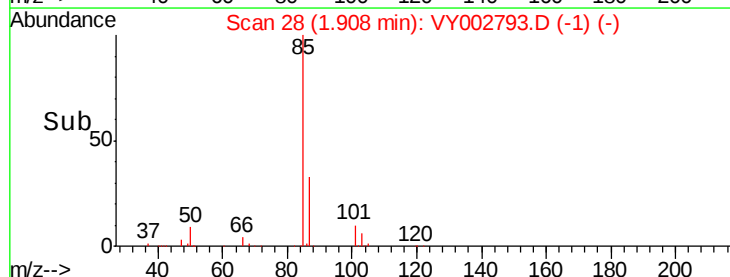
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.593 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

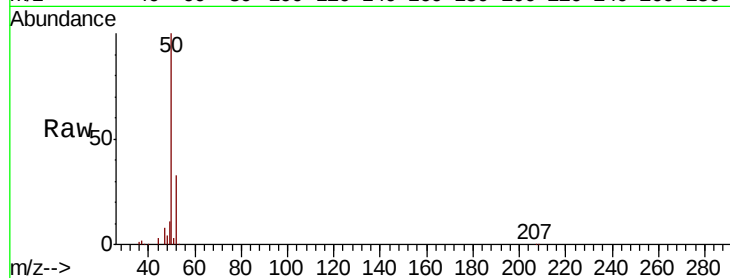
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 110725

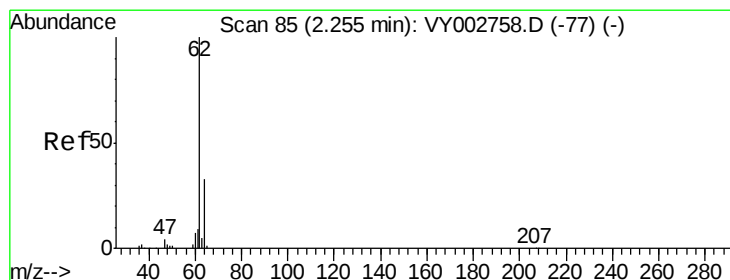
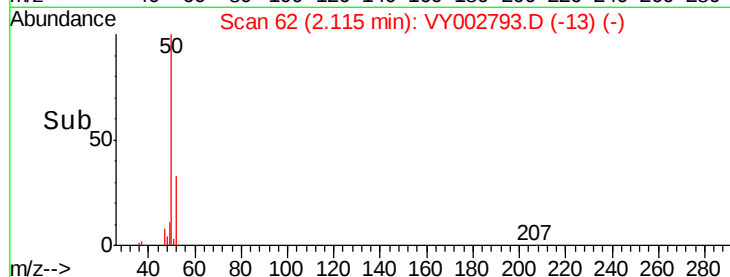
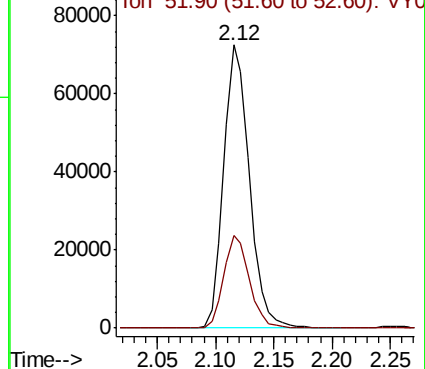
Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.373 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002793.D

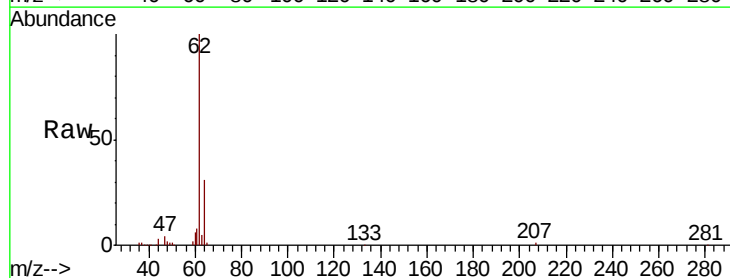
Acq: 29 May 2020 10:12

Tgt Ion: 62 Resp: 123595

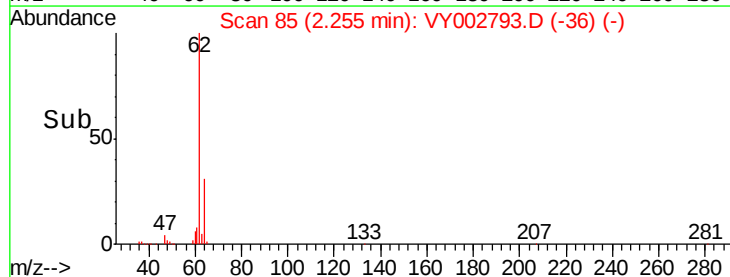
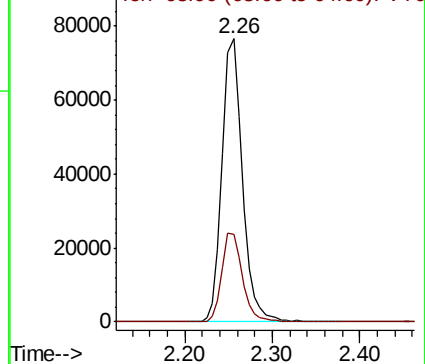
Ion Ratio Lower Upper

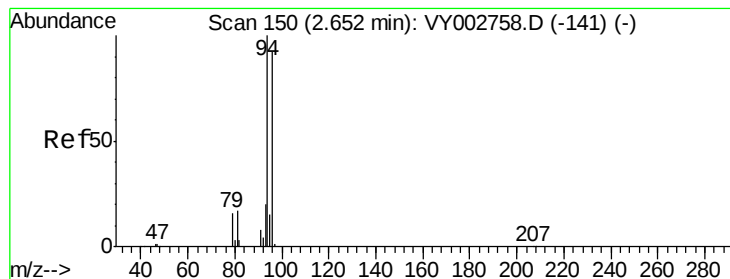
62 100

64 30.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.499 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

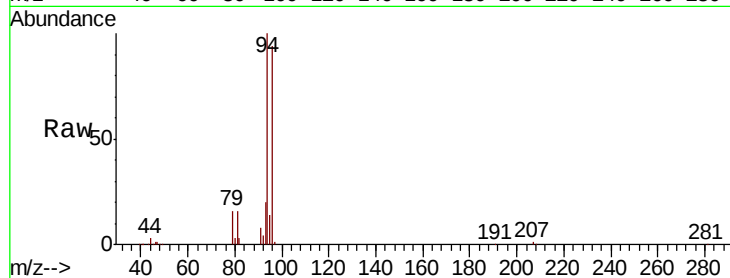
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 87538

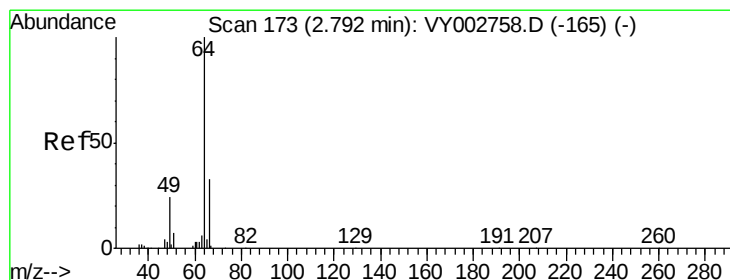
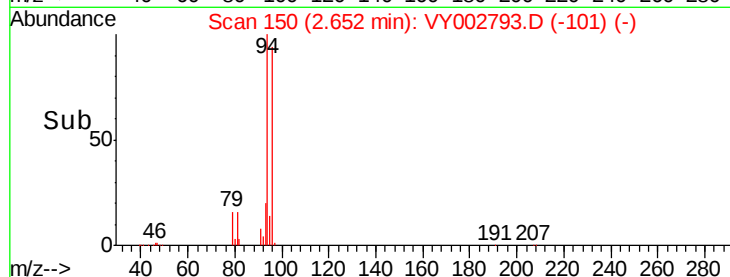
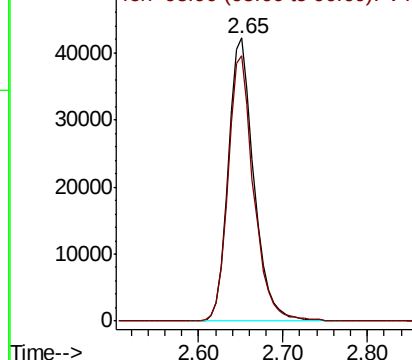
Ion Ratio Lower Upper

94 100

96 93.6 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.403 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002793.D

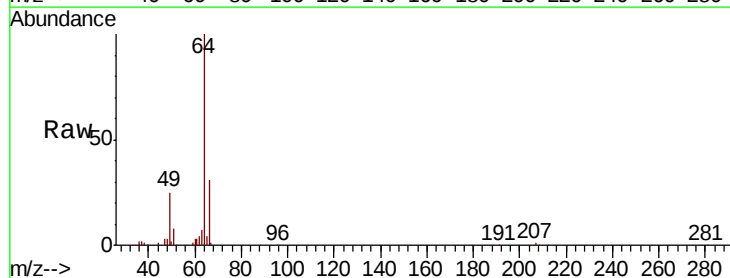
Acq: 29 May 2020 10:12

Tgt Ion: 64 Resp: 75577

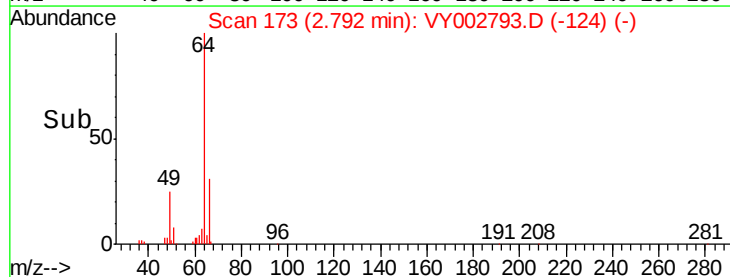
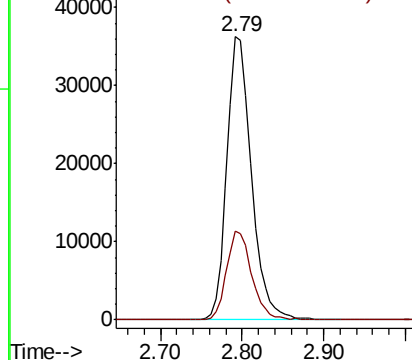
Ion Ratio Lower Upper

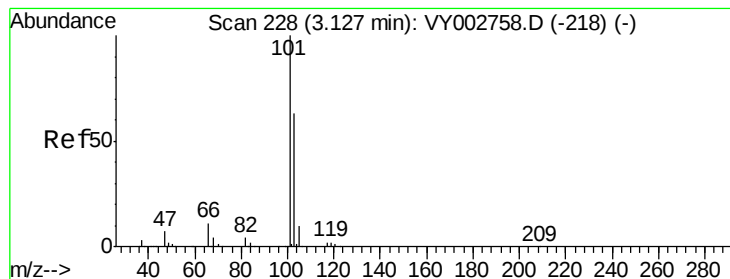
64 100

66 31.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



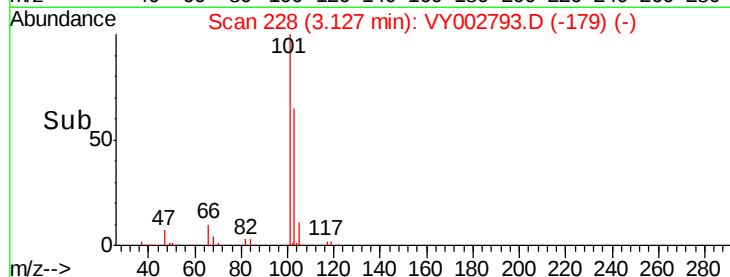
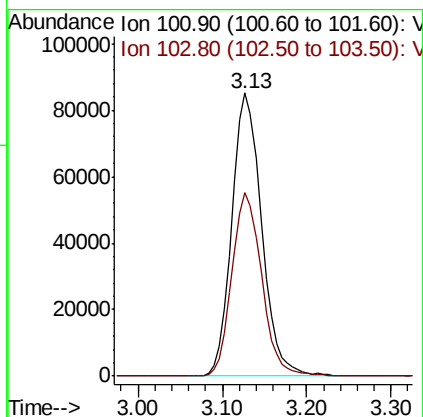
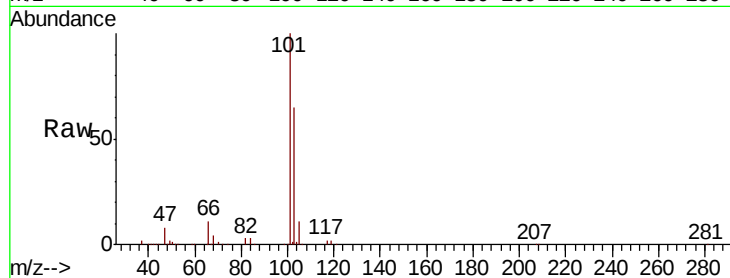


#7

Trichlorofluoromethane
 Concen: 48.735 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

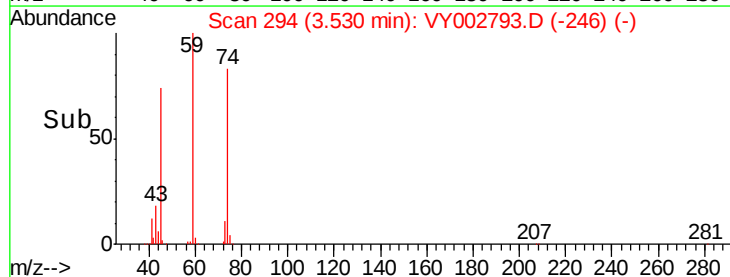
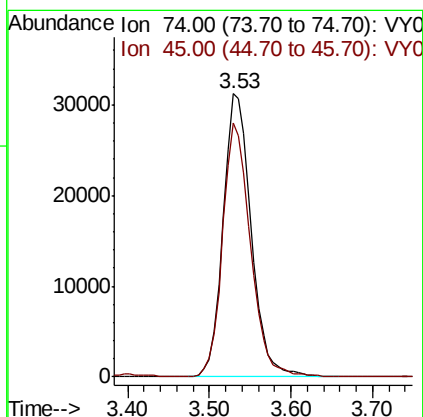
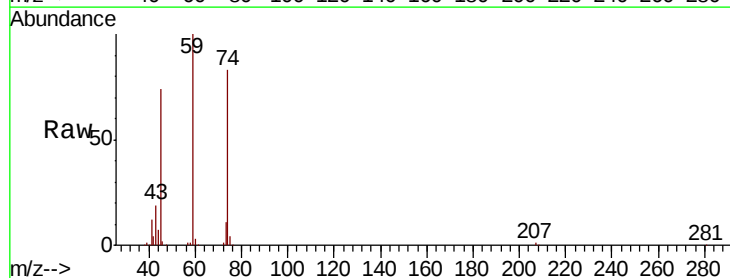
Tot Ion:101 Resp: 203689
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

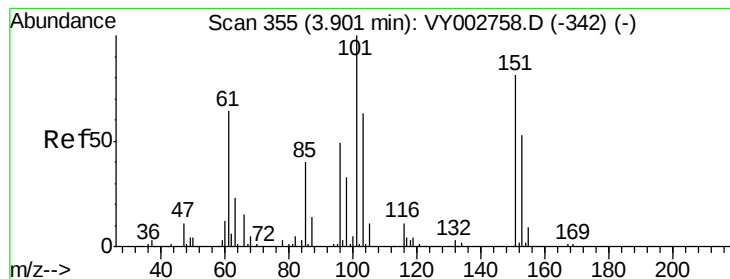


#8

Diethyl Ether
 Concen: 45.481 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 74 Resp: 74224
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.558 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

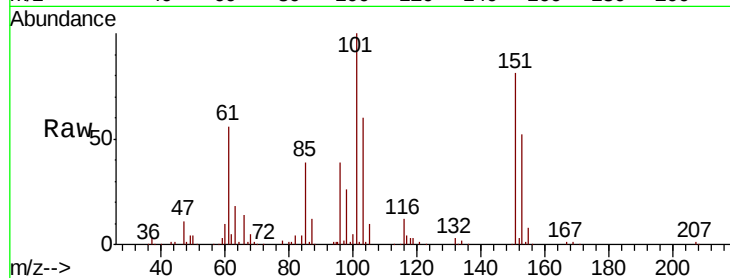
Tot Ion:101 Resp: 125462

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

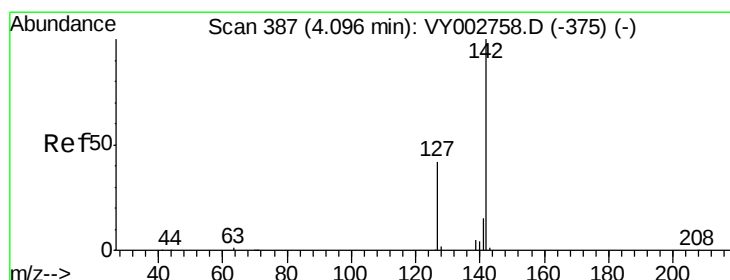
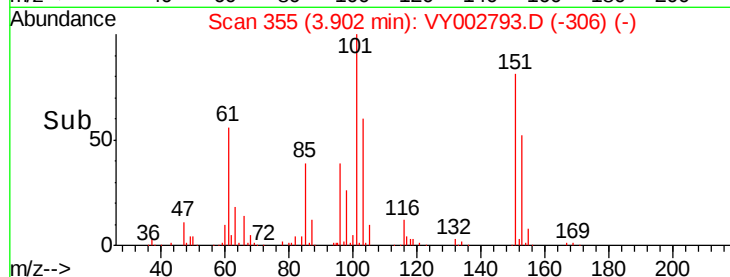
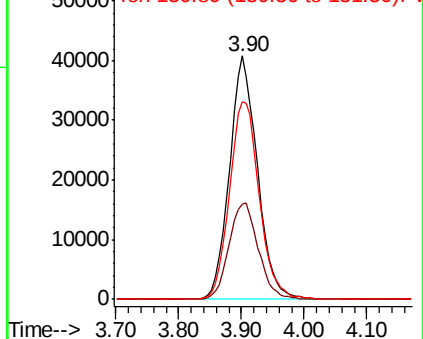
151 86.5 68.0 102.0



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: 48.226 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

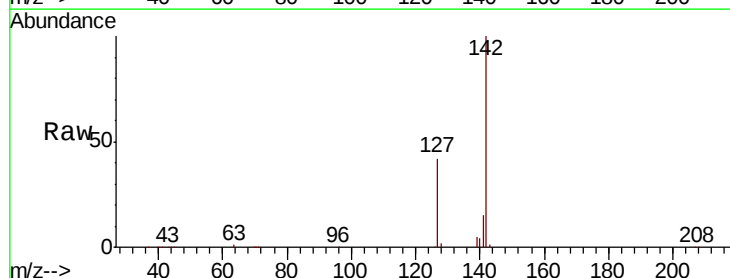
Tgt Ion:142 Resp: 167457

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

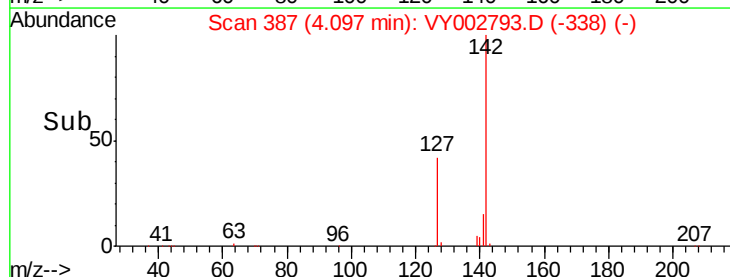
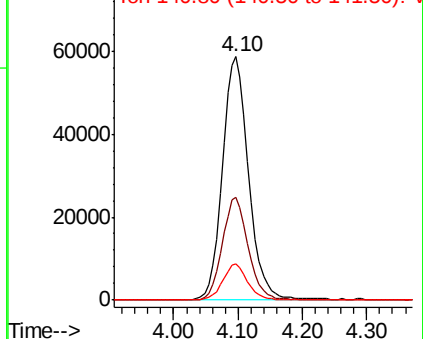
141 14.2 11.5 17.3

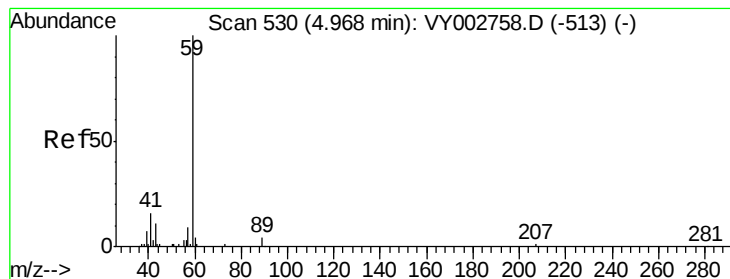


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



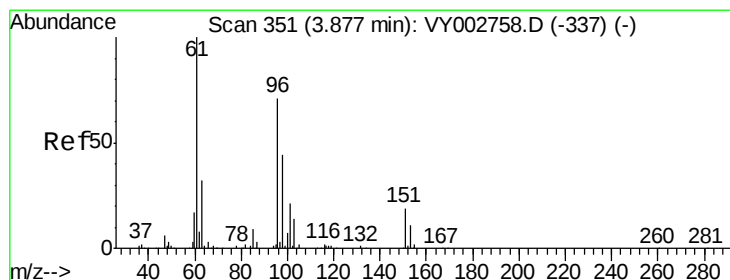
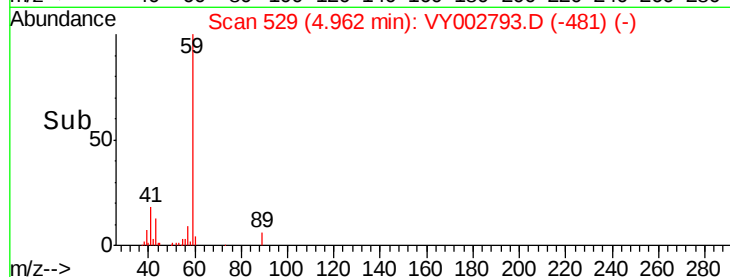
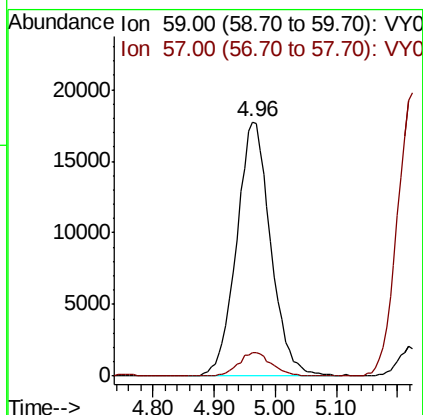
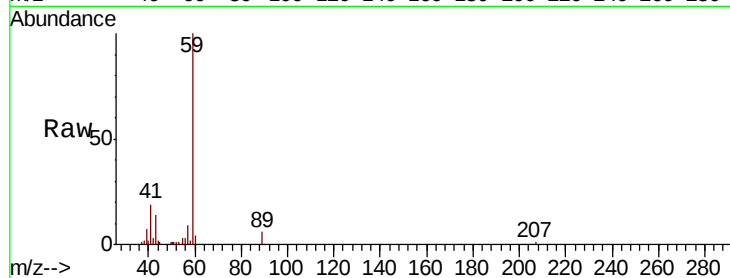


#11

Tert butyl alcohol
 Concen: 250.446 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

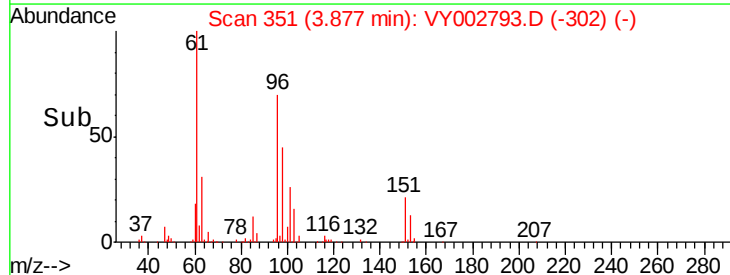
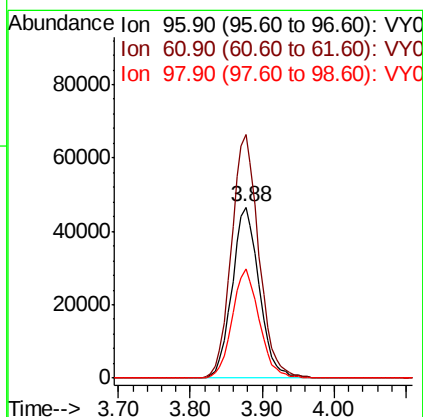
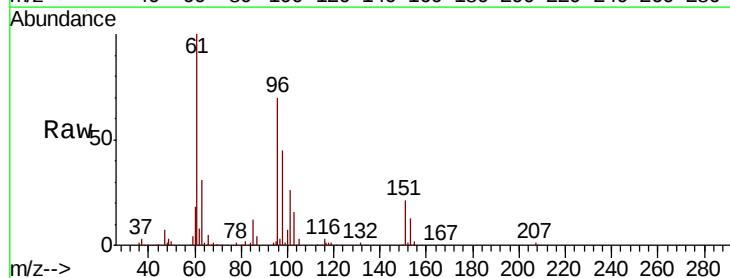
Tot Ion: 59 Resp: 68557
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

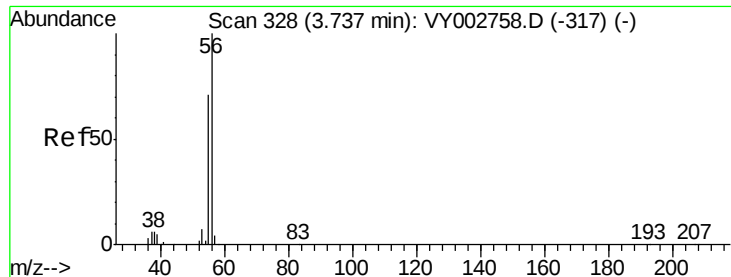


#12

1,1-Dichloroethene
 Concen: 49.181 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 96 Resp: 122737
 Ion Ratio Lower Upper
 96 100
 61 142.3 112.6 168.8
 98 63.5 50.0 75.0





#13

Acrolein

Concen: 275.773 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

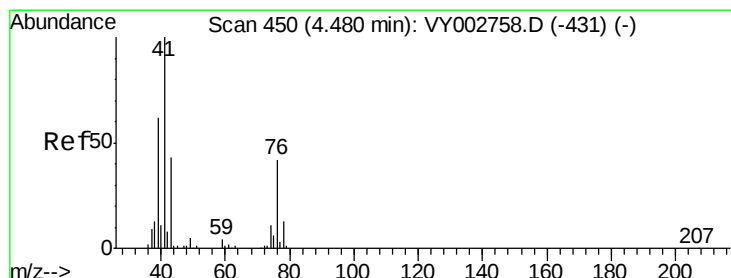
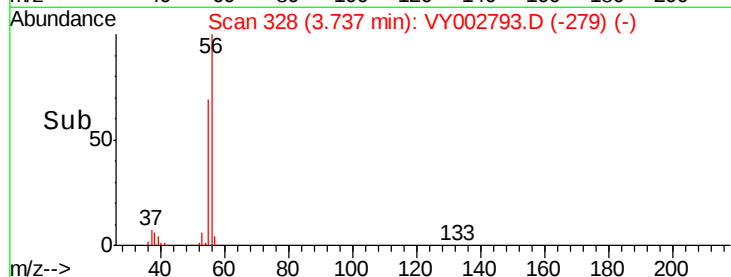
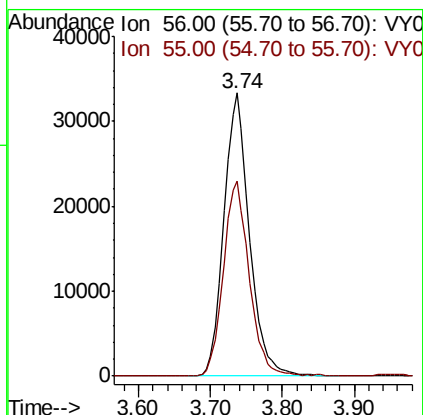
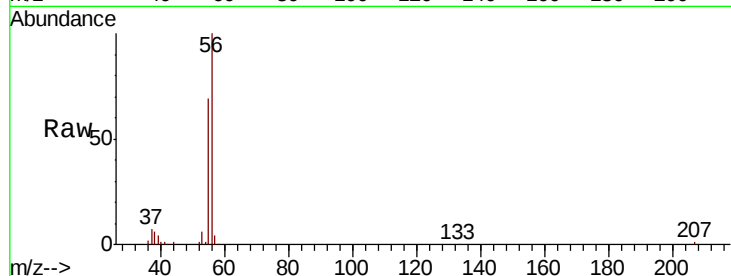
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 82317

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 50.247 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

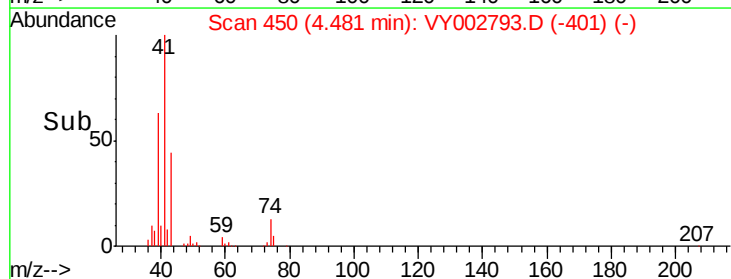
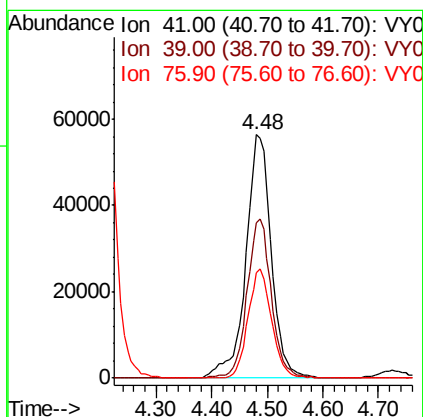
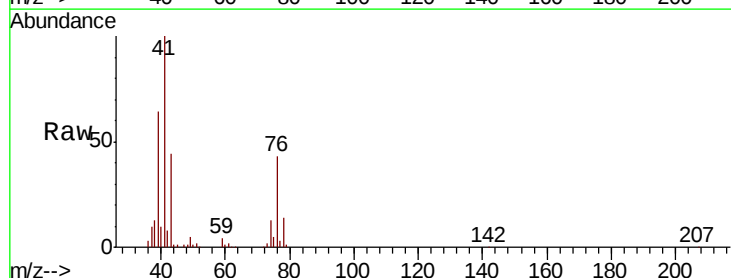
Tgt Ion: 41 Resp: 179849

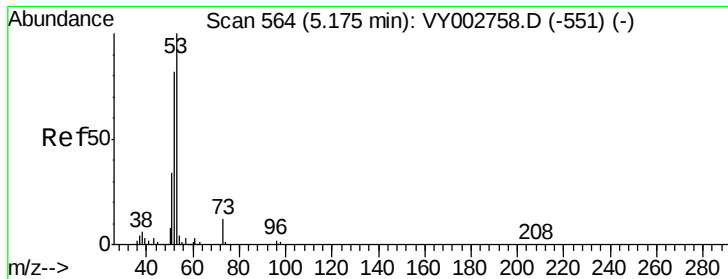
Ion Ratio Lower Upper

41 100

39 62.3 49.9 74.9

76 41.4 33.2 49.8





#15

Acrylonitrile

Concen: 257.347 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

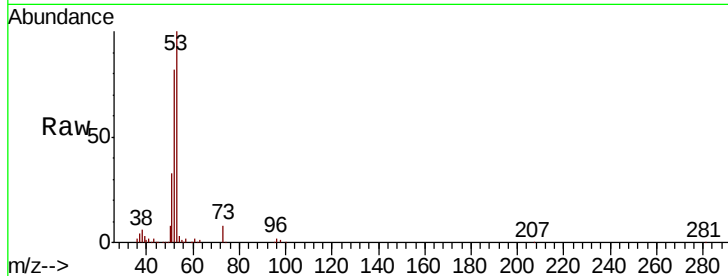
Tot Ion: 53 Resp: 189471

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

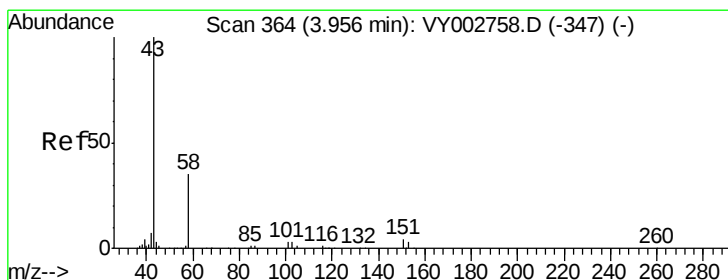
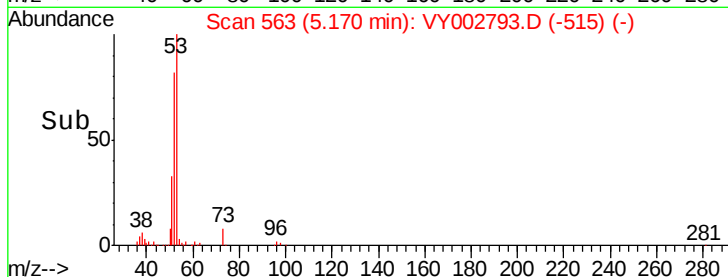
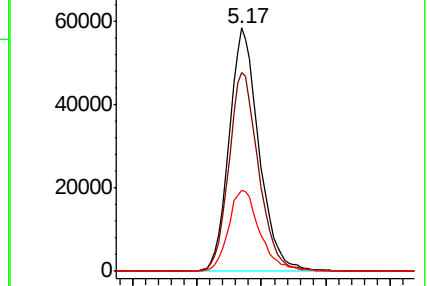
51 35.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002758.D (-551) (-)

Ion 52.00 (51.70 to 52.70): VY002758.D (-551) (-)

Ion 51.00 (50.70 to 51.70): VY002758.D (-551) (-)



#16

Acetone

Concen: 288.142 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002793.D

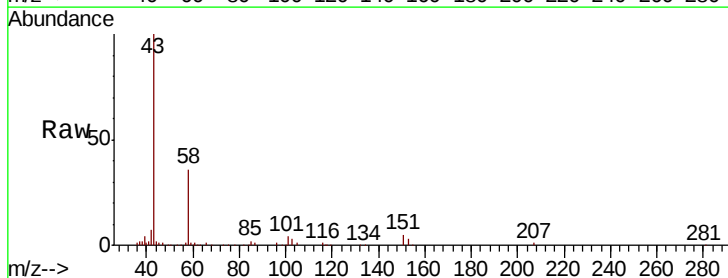
Acq: 29 May 2020 10:12

Tgt Ion: 43 Resp: 172099

Ion Ratio Lower Upper

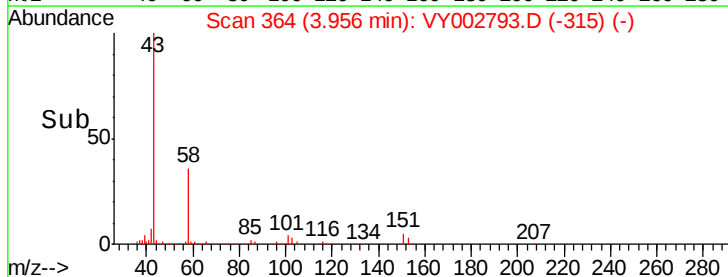
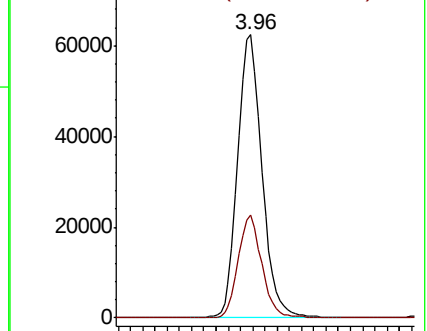
43 100

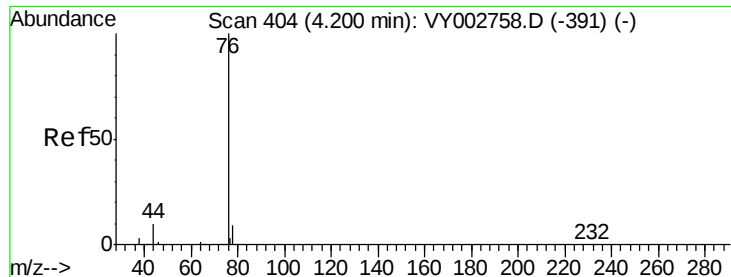
58 36.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)





#17

Carbon Disulfide

Concen: 48.060 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

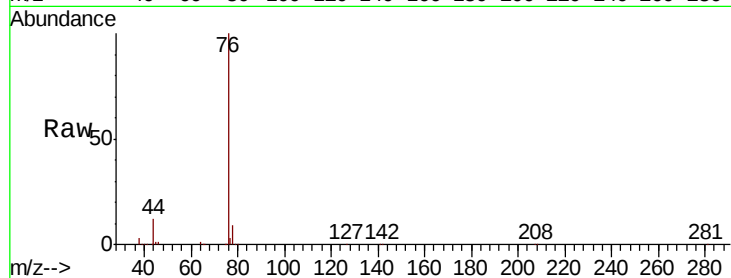
ClientSampleId :

Tot Ion: 76 Resp: 362438

Ion Ratio Lower Upper

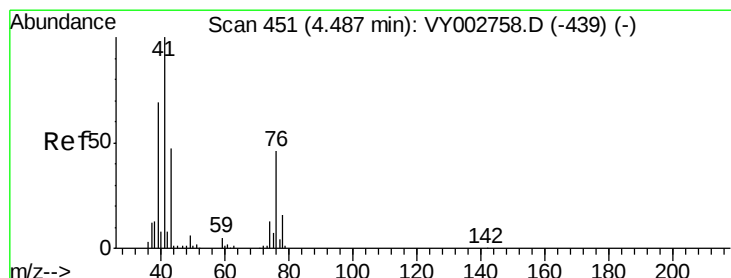
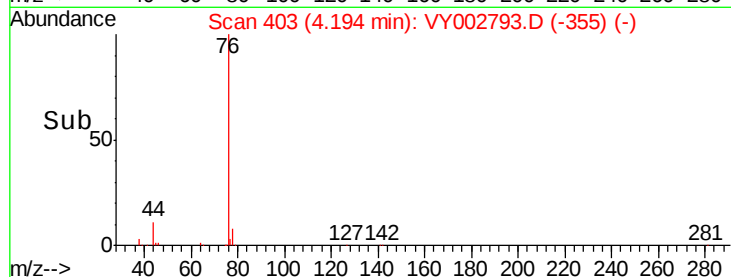
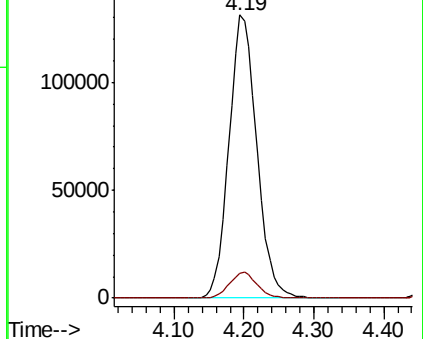
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002758.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002793.D (-355) (-)



#18

Methyl Acetate

Concen: 51.569 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002793.D

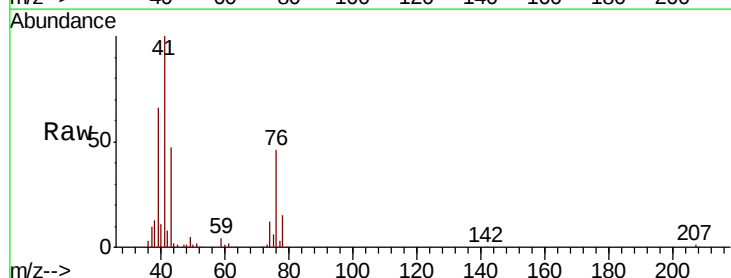
Acq: 29 May 2020 10:12

Tgt Ion: 43 Resp: 77241

Ion Ratio Lower Upper

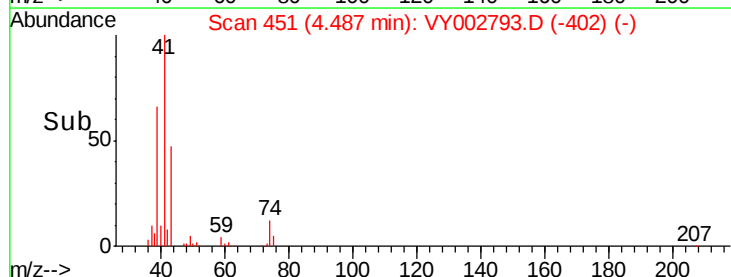
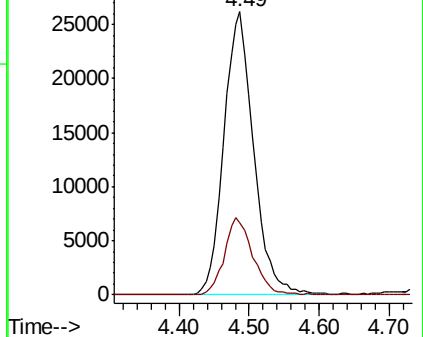
43 100

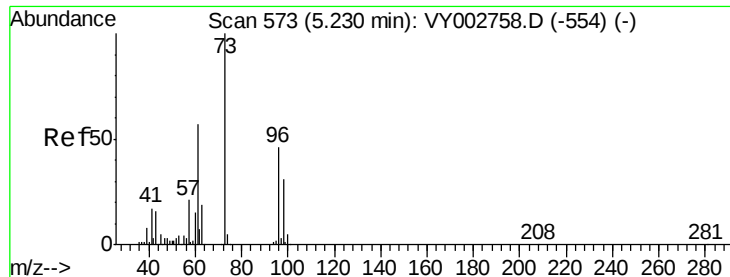
74 26.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.30): VY002758.D (-439) (-)

Ion 74.00 (73.70 to 74.30): VY002793.D (-402) (-)

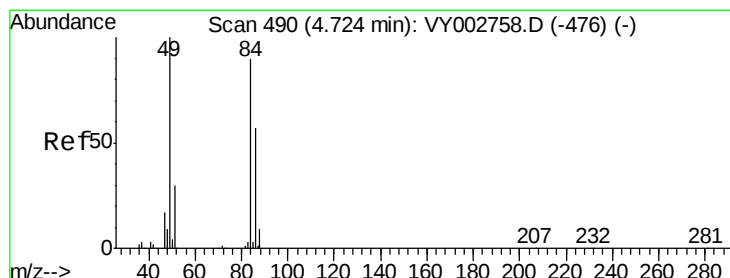
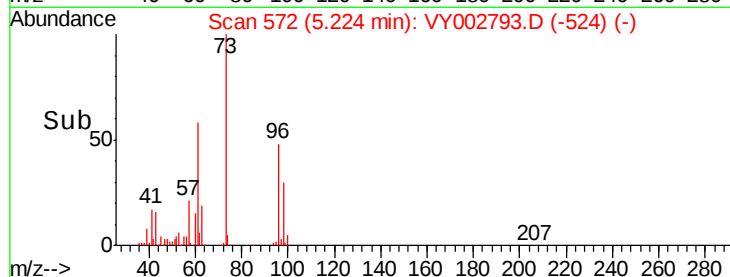
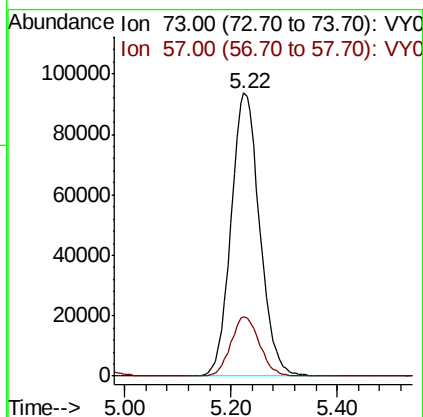
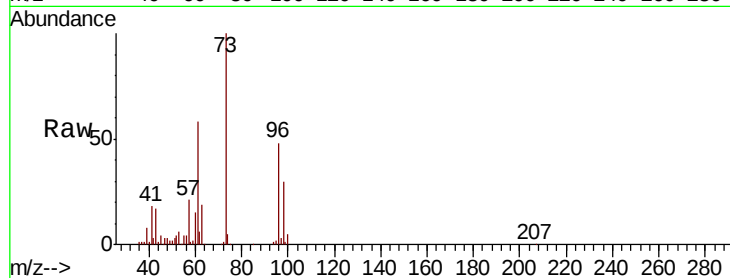




#19
Methvl tert-butvl Ether
Concen: 50.868 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

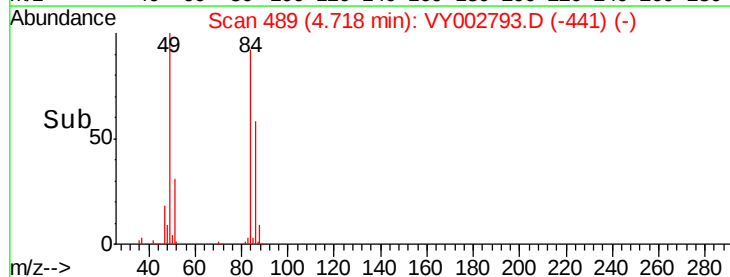
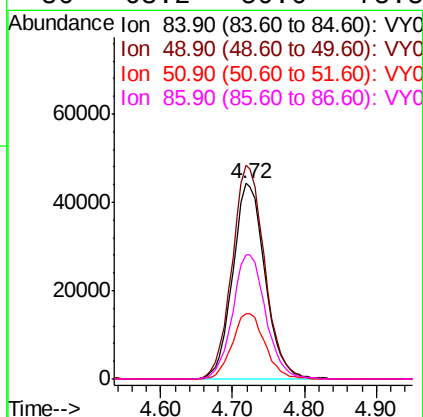
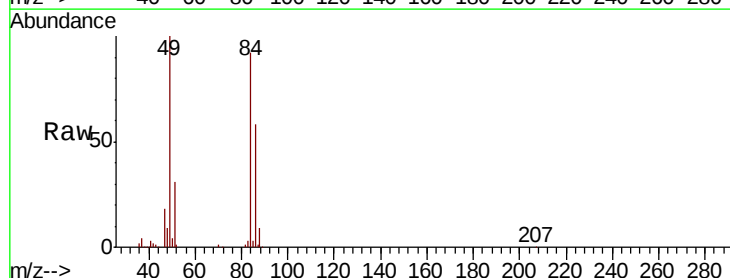
Instrument :
MSVOA_Y
ClientSampled :

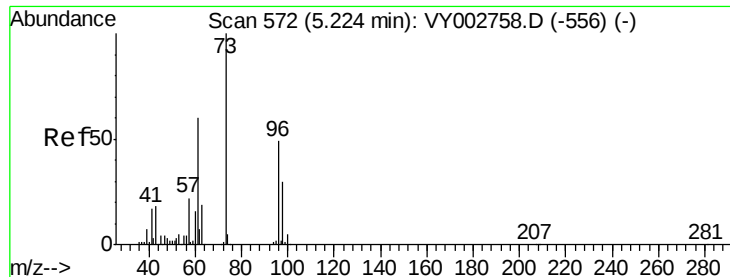
Tot Ion: 73 Resp: 350459
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.4



#20
Methylene Chloride
Concen: 47.378 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 84 Resp: 138288
Ion Ratio Lower Upper
84 100
49 109.1 88.5 132.7
51 33.5 26.8 40.2
86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.259 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

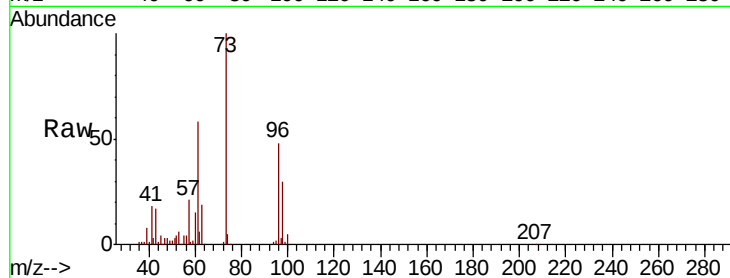
Tot Ion: 96 Resp: 138249

Ion Ratio Lower Upper

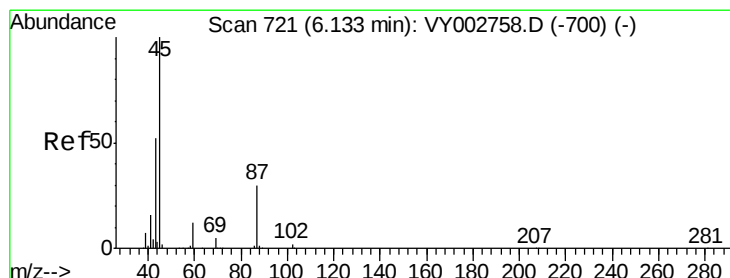
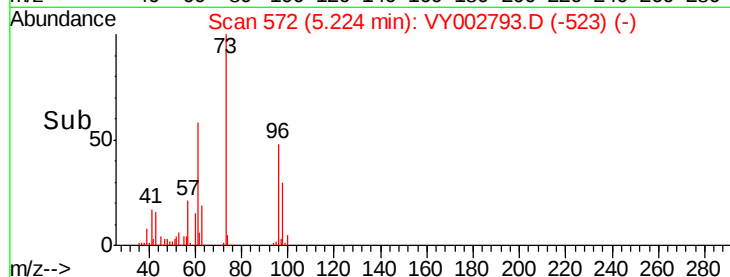
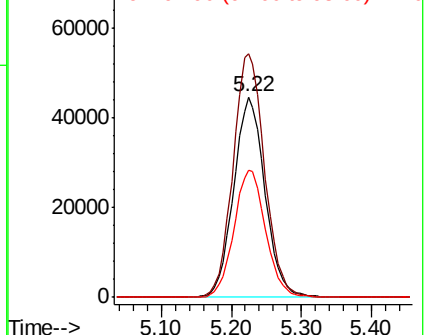
96 100

61 121.6 96.8 145.2

98 63.5 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: 50.738 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Tgt Ion: 45 Resp: 377383

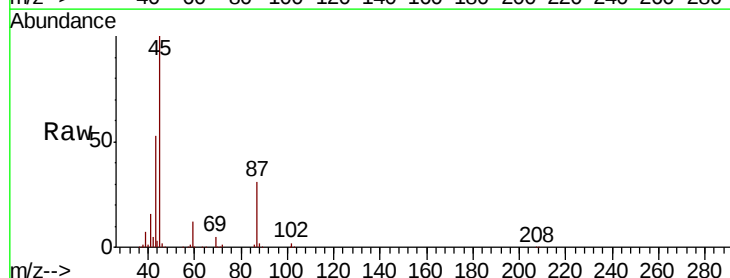
Ion Ratio Lower Upper

45 100

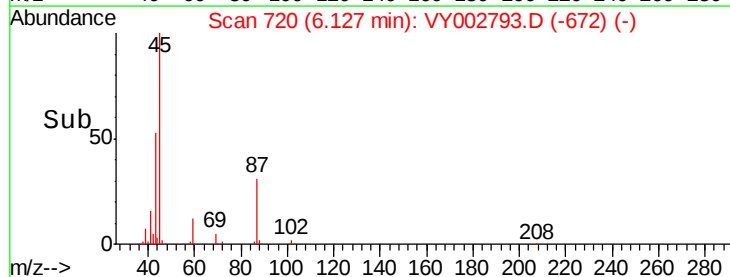
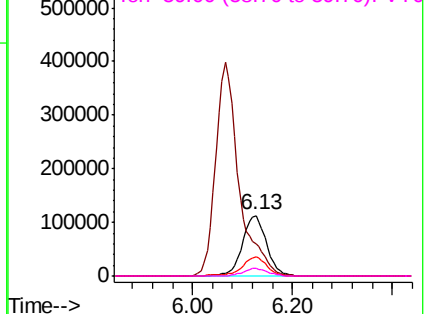
43 53.2 41.7 62.5

87 31.4 24.2 36.2

59 12.0 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: 263.748 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

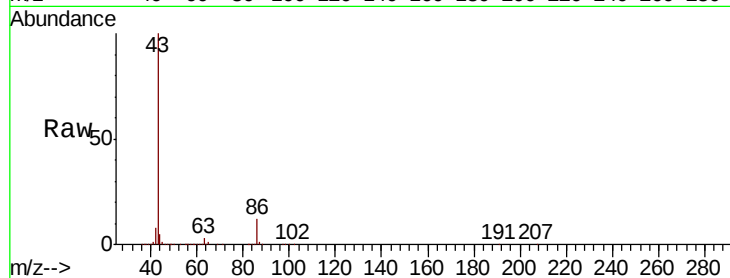
ClientSampled :

Tot Ion: 43 Resp: 1295192

Ion Ratio Lower Upper

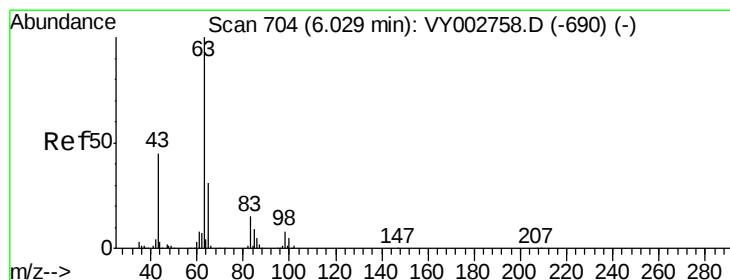
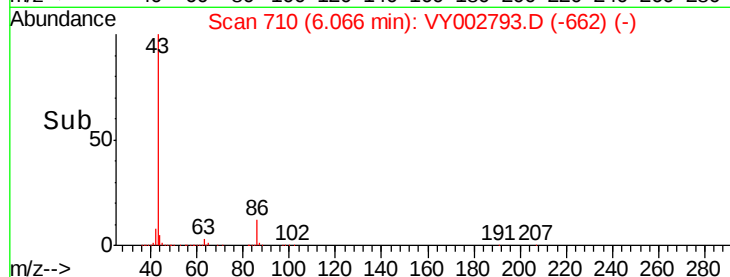
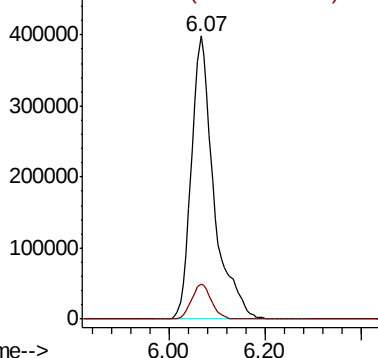
43 100

86 12.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.372 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

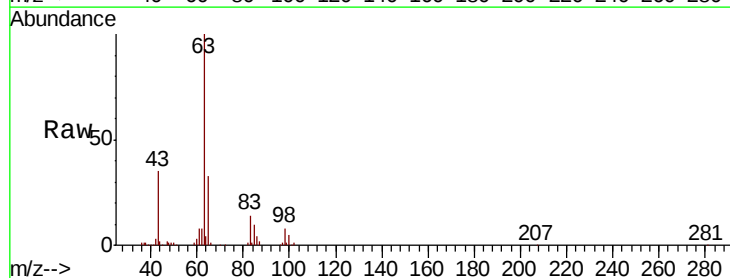
Tgt Ion: 63 Resp: 219168

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

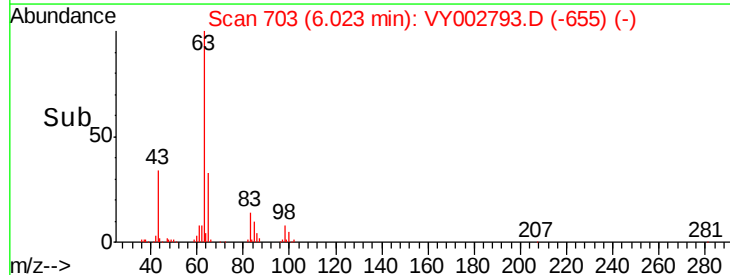
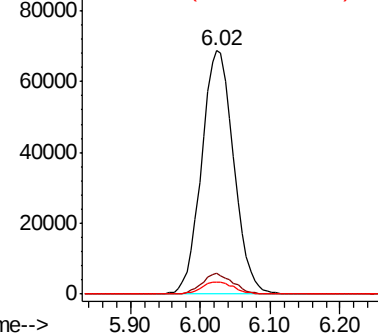
100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

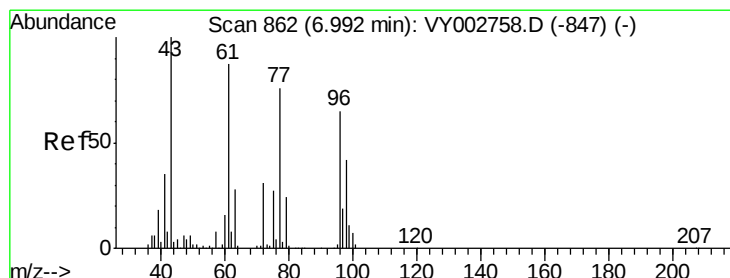
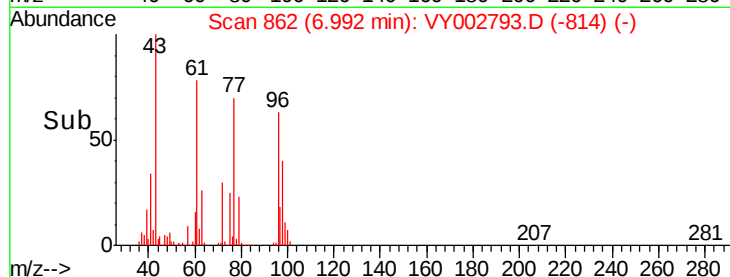
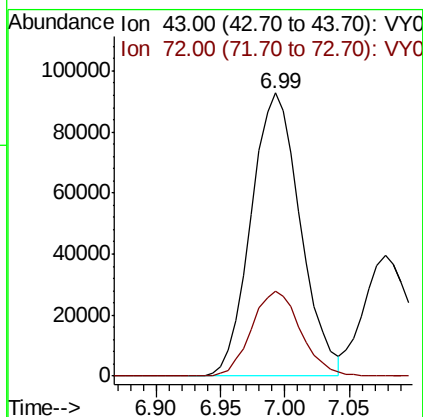
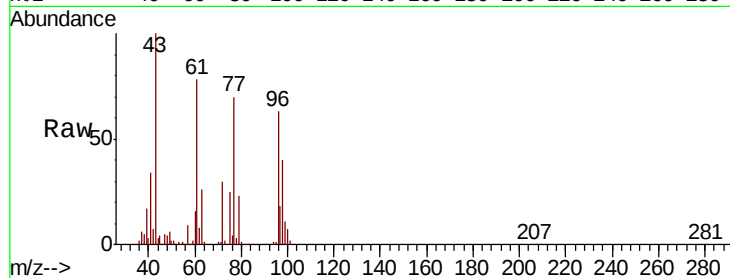




#25
2-Butanone
Concen: 264.705 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

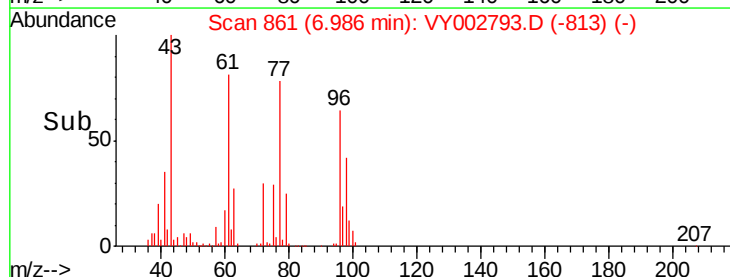
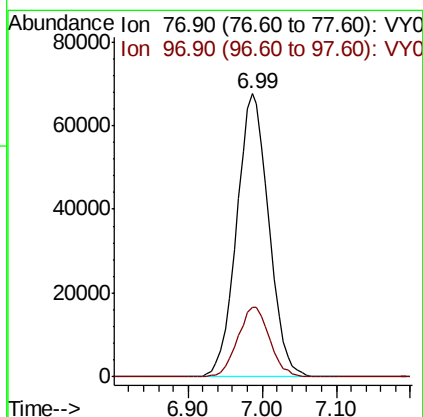
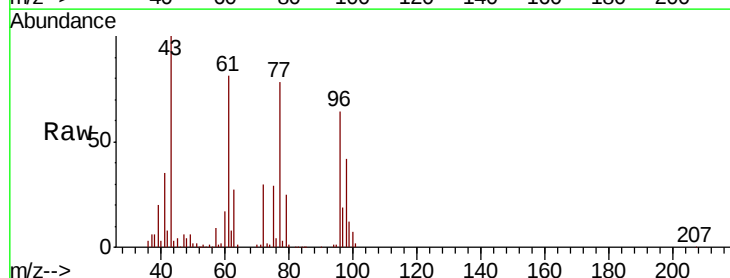
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 246321
Ion Ratio Lower Upper
43 100
72 30.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.886 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 77 Resp: 203995
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6



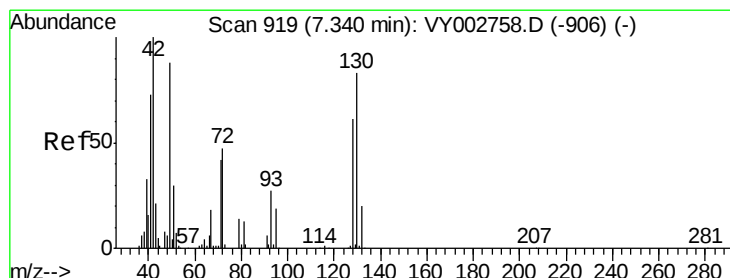
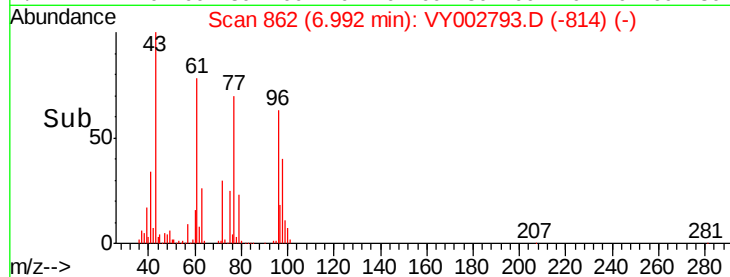
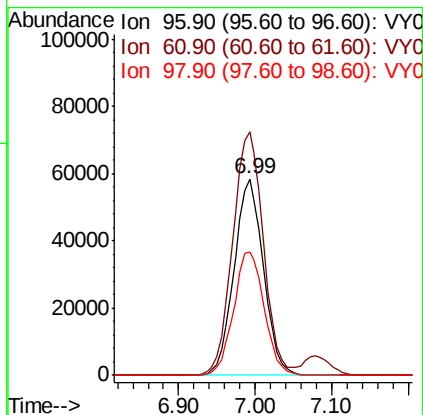
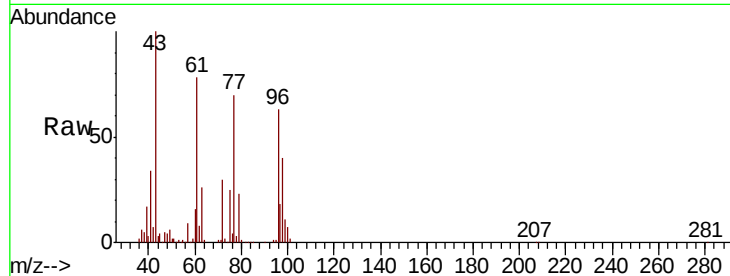


#27

cis-1,2-Dichloroethene
 Concen: 49.305 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampled :

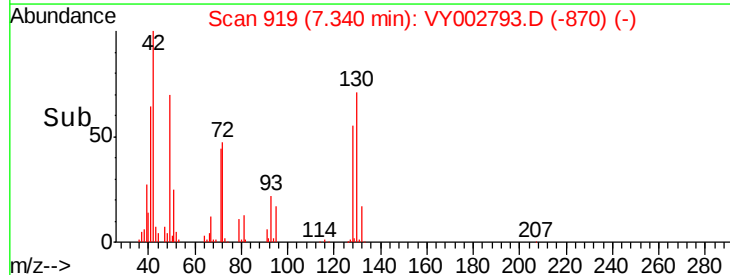
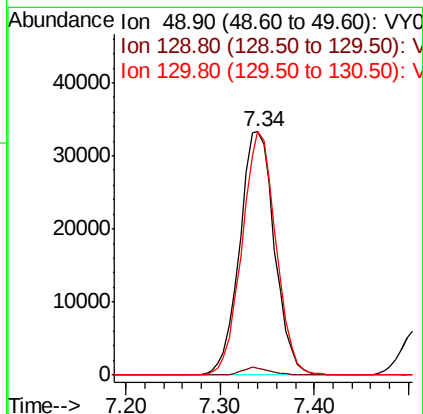
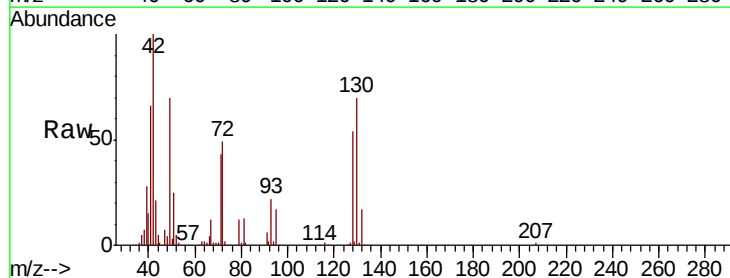
Tot Ion: 96 Resp: 154910
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 260.2
 98 65.4 0.0 128.2

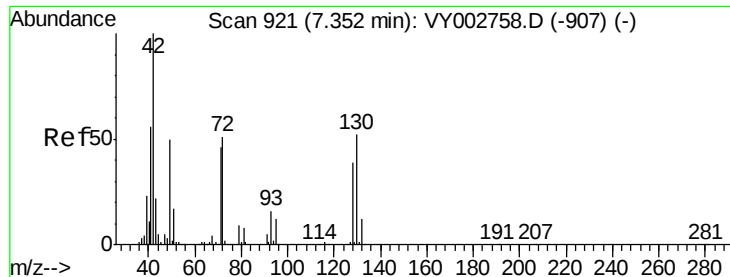


#28

Bromochloromethane
 Concen: 48.354 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 49 Resp: 86368
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 96.8 77.1 115.7

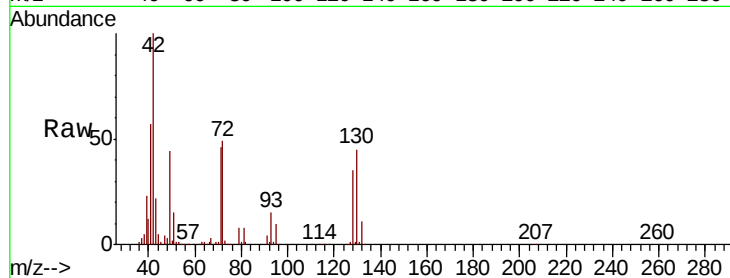




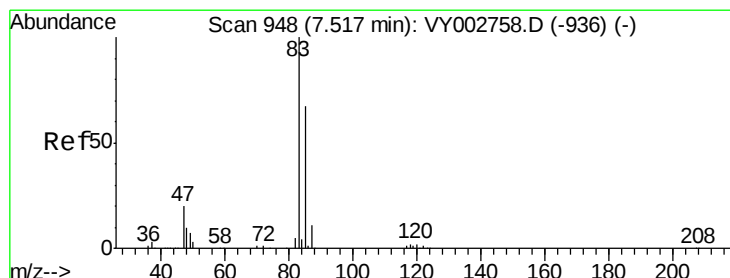
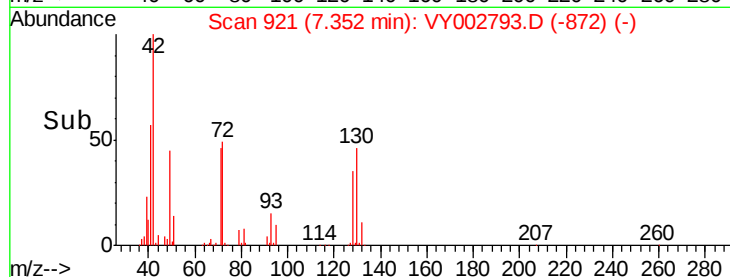
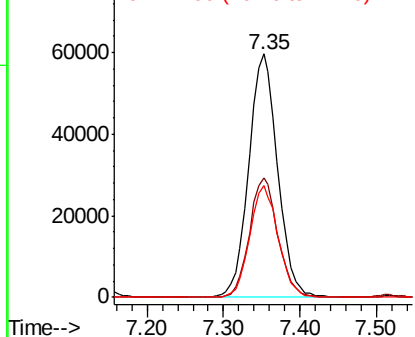
#29
Tetrahydrofuran
Concen: 259.323 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 156965
Ion Ratio Lower Upper
42 100
72 48.3 38.6 58.0
71 45.0 35.8 53.8

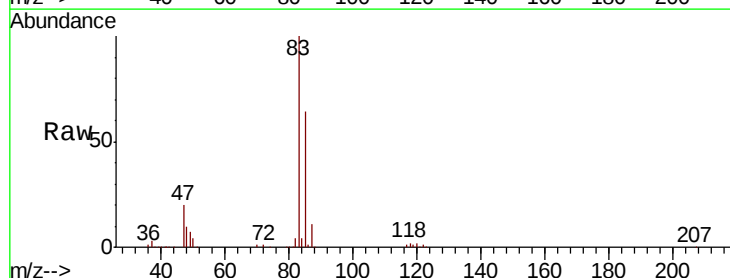


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

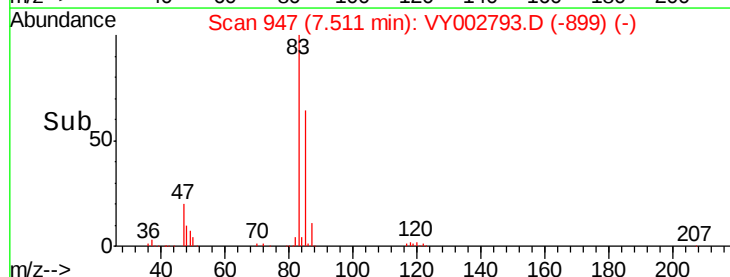
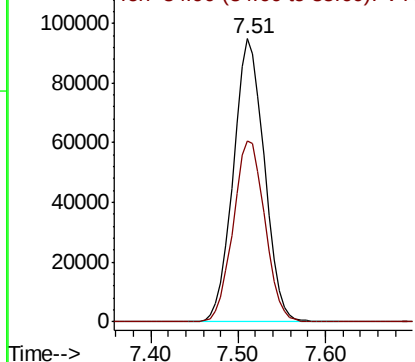


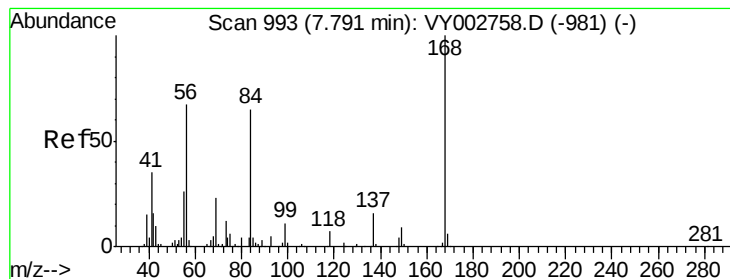
#30
Chloroform
Concen: 50.475 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 83 Resp: 233046
Ion Ratio Lower Upper
83 100
85 63.9 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: 47.384 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

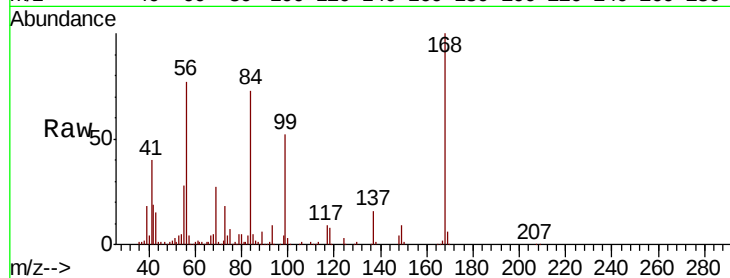
Tot Ion: 56 Resp: 204697

Ion Ratio Lower Upper

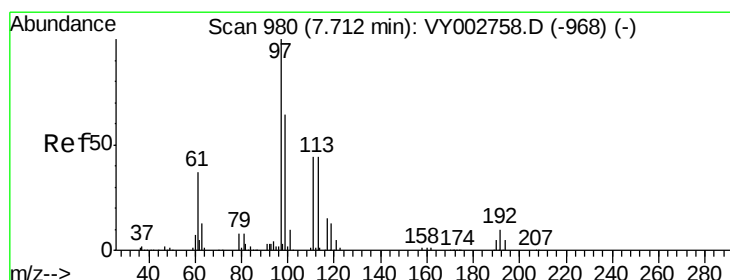
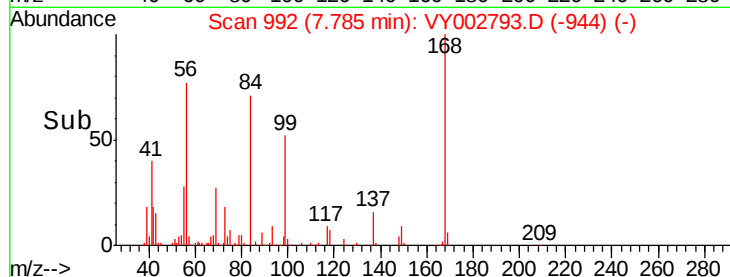
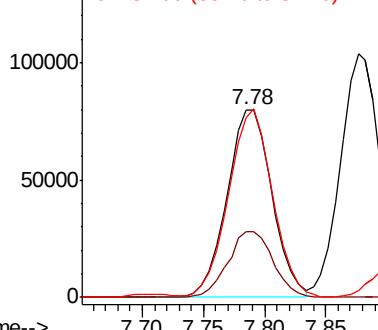
56 100

69 35.1 28.0 42.0

84 93.7 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: 49.964 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

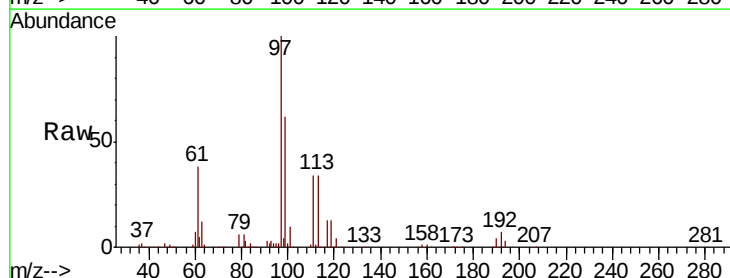
Tgt Ion: 97 Resp: 214968

Ion Ratio Lower Upper

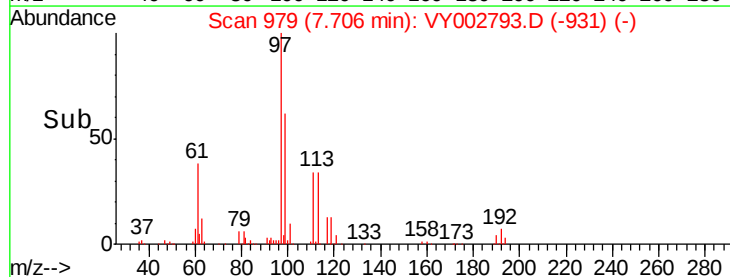
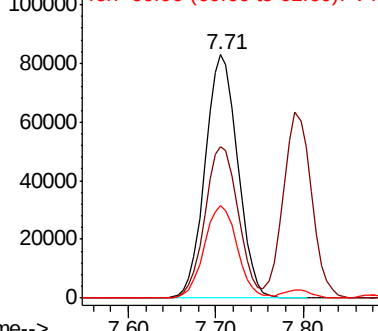
97 100

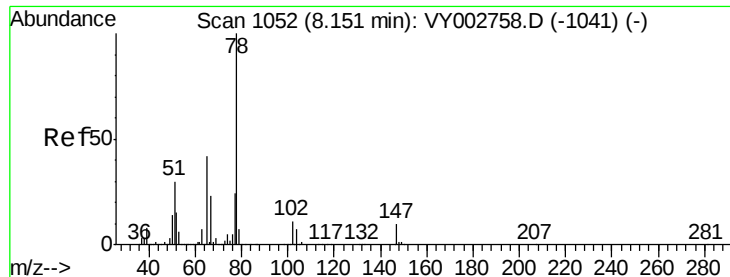
99 63.8 51.4 77.0

61 38.4 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

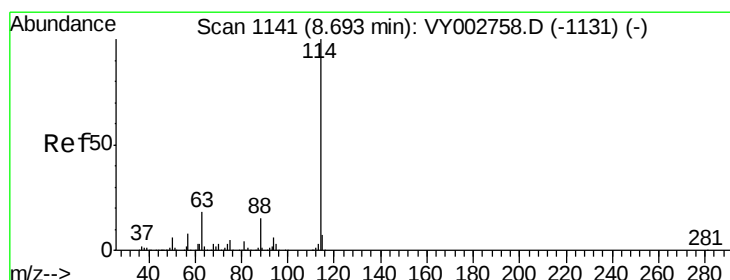
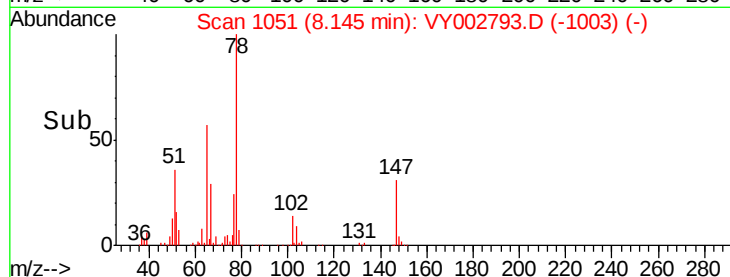
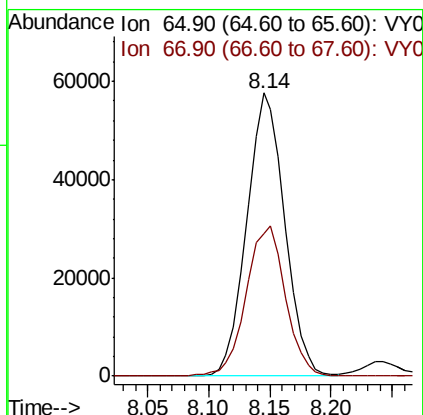
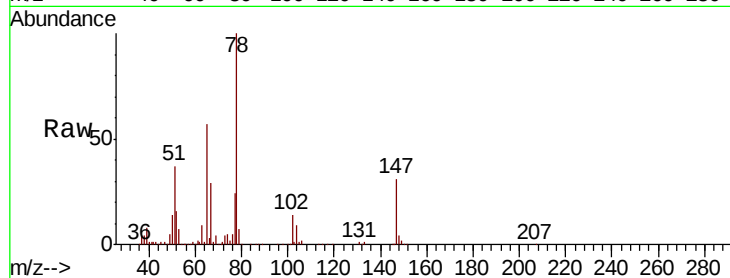




#33
 1,2-Dichloroethane-d4
 Concen: 48.766 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

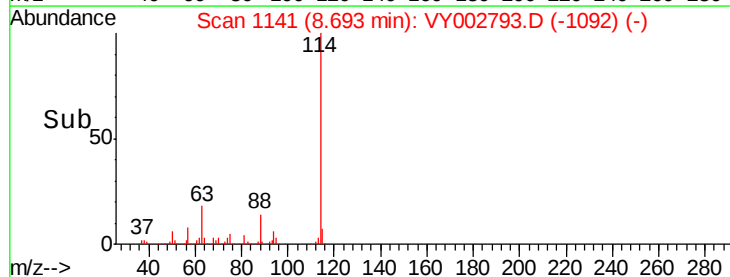
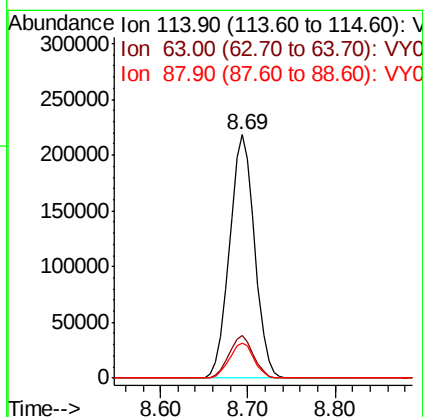
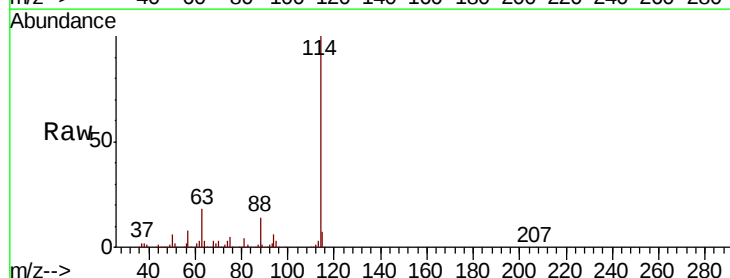
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 65 Resp: 124214
 Ion Ratio Lower Upper
 65 100
 67 54.9 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: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 114 Resp: 432662
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.2 0.0 29.2

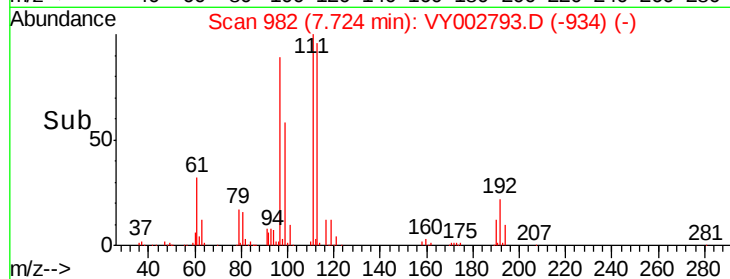
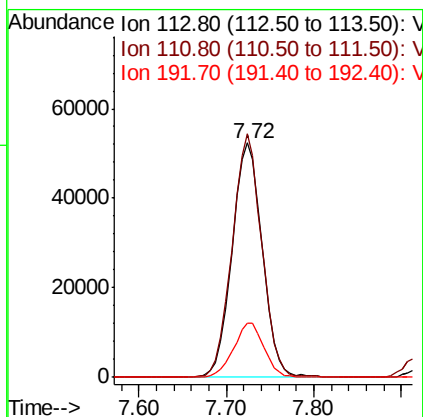
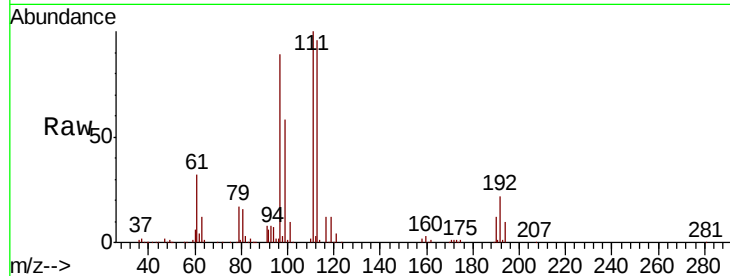




#35
 Dibromofluoromethane
 Concen: 49.468 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

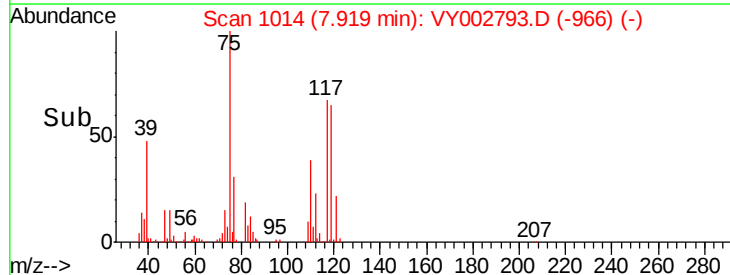
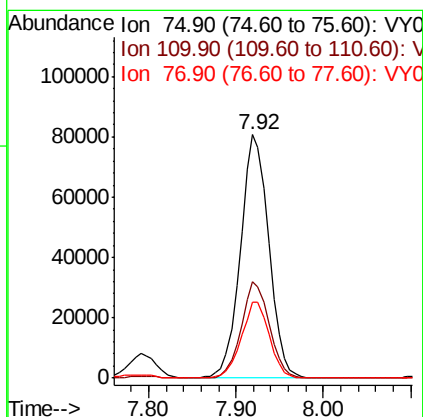
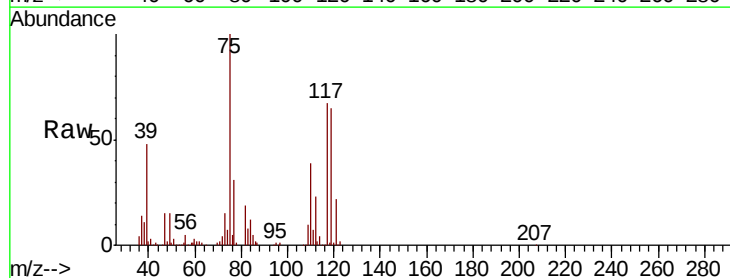
Instrument :
 MSVOA_Y
 ClientSampleId :

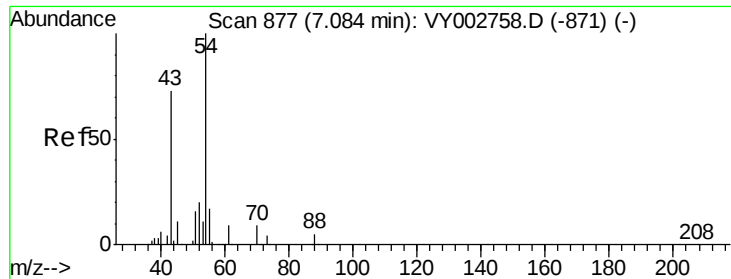
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 49.846 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.3	57.9
77	30.8	24.8	37.2

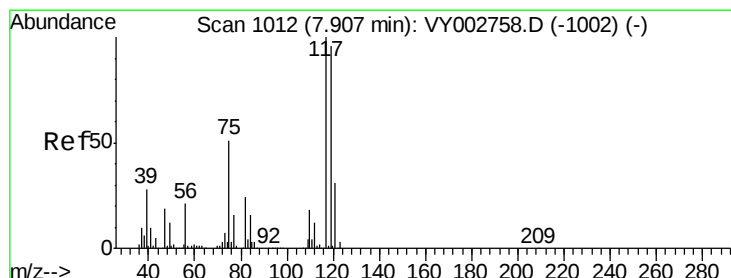
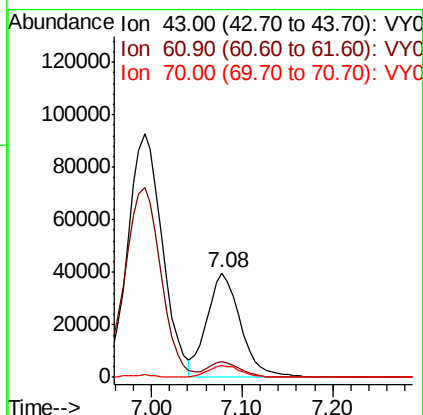
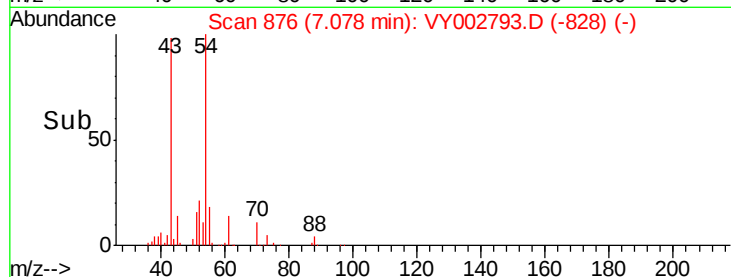
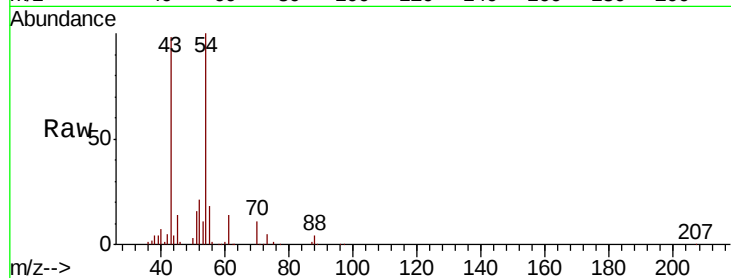




#37
Ethyl Acetate
Concen: 52.117 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

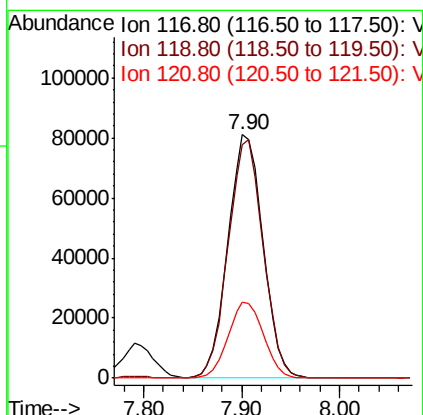
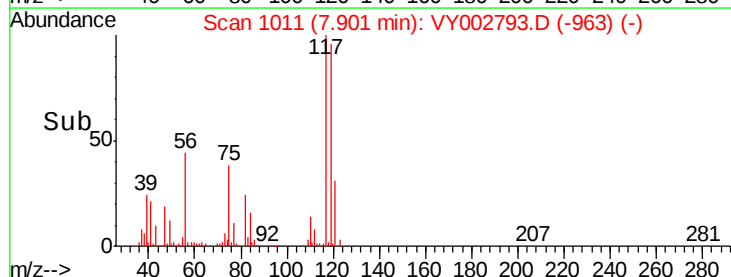
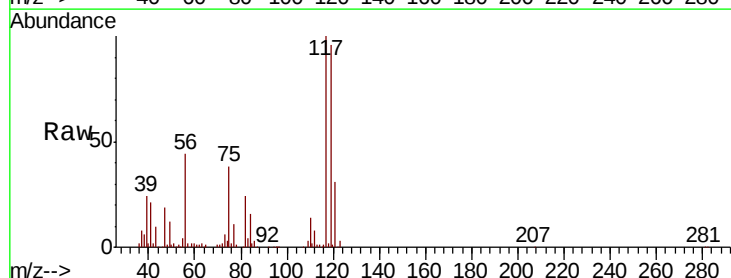
Instrument :
MSVOA_Y
ClientSampled :

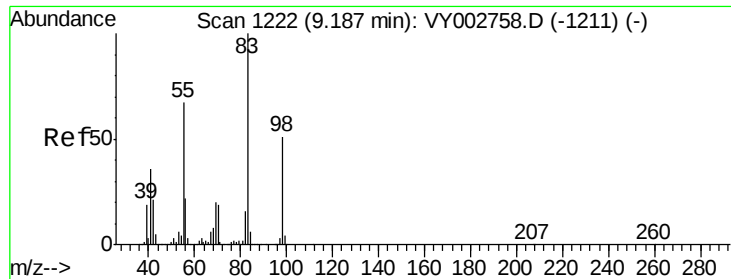
Tot Ion: 43 Resp: 103346
Ion Ratio Lower Upper
43 100
61 13.8 11.9 17.9
70 11.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.989 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 117 Resp: 202396
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 31.0 24.8 37.2

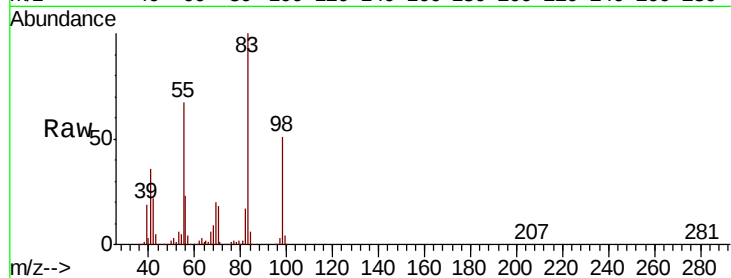




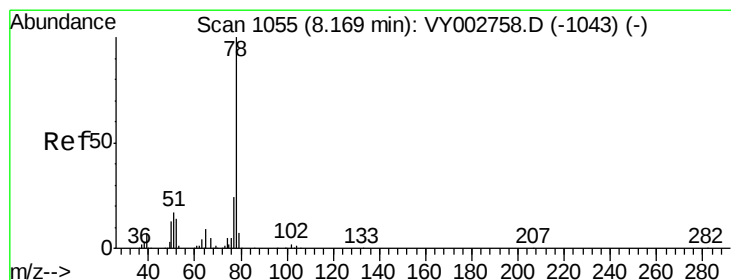
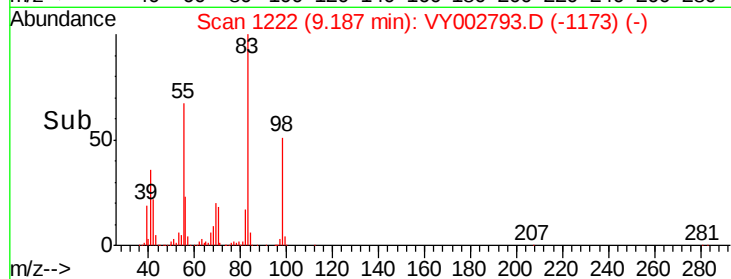
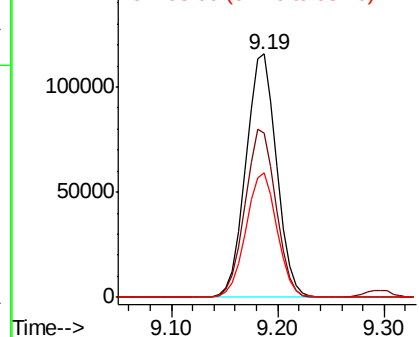
#39
Methvlcvclohexane
Concen: 48.787 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 234372
Ion Ratio Lower Upper
83 100
55 67.5 53.3 79.9
98 51.4 41.1 61.7

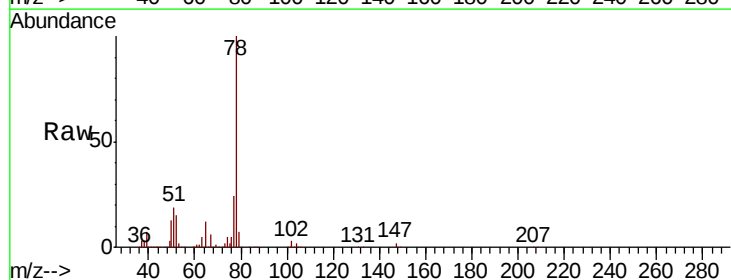


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

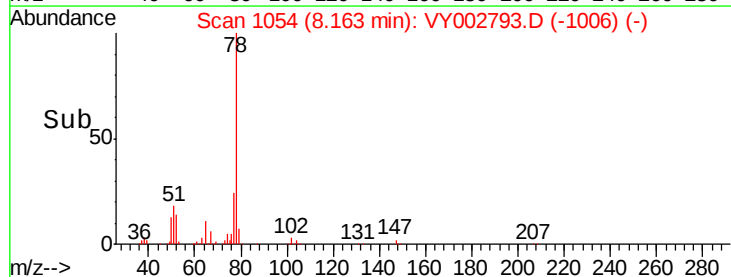
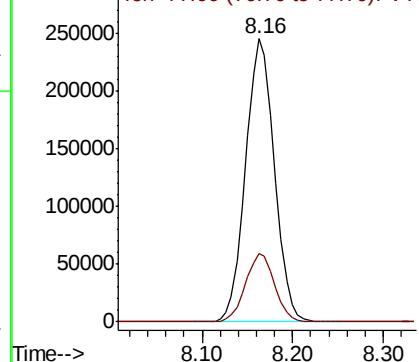


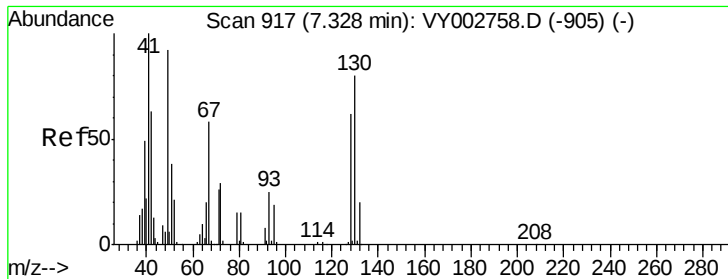
#40
Benzene
Concen: 50.009 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 78 Resp: 538558
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

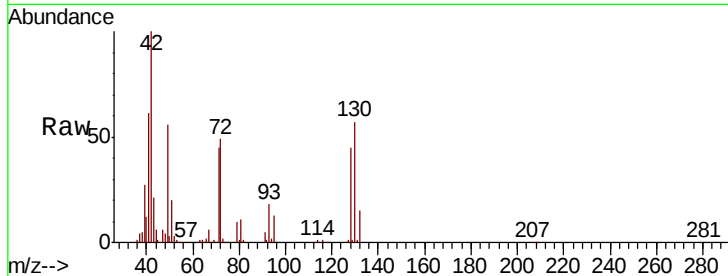




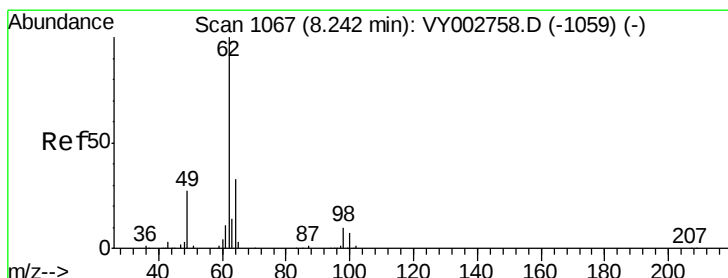
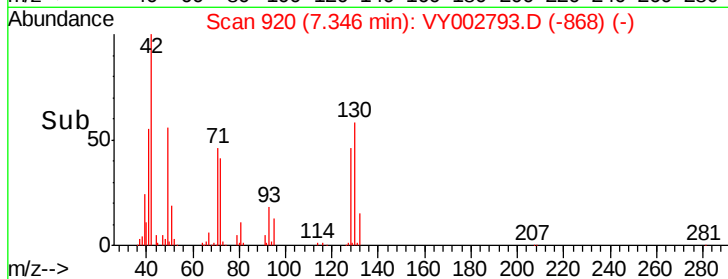
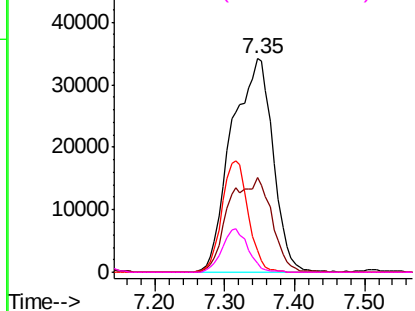
#41
Methacrylonitrile
Concen: 131.710 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	140310
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

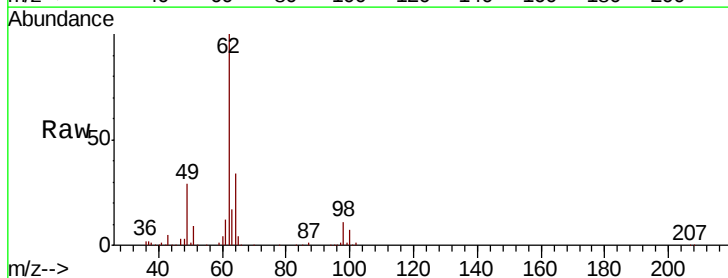


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

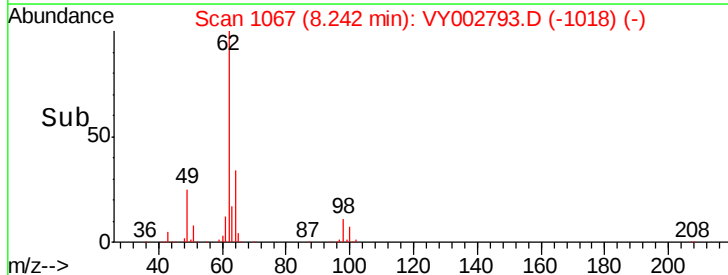
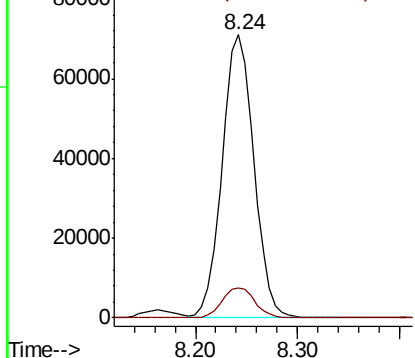


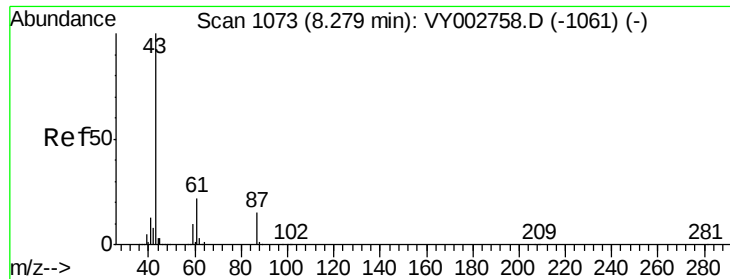
#42
1,2-Dichloroethane
Concen: 50.648 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion:	62	Resp:	152860
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



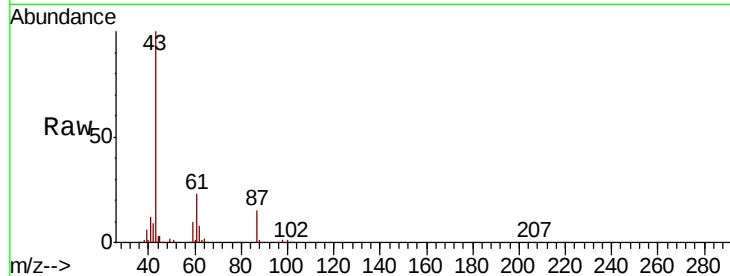


#43

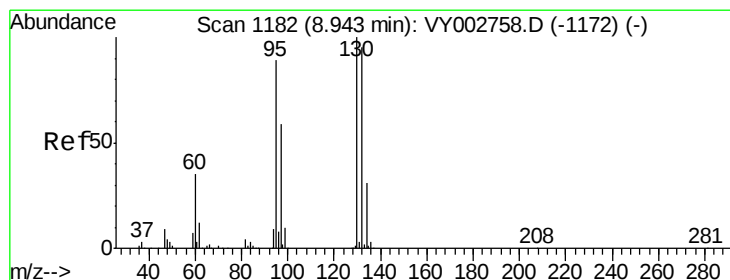
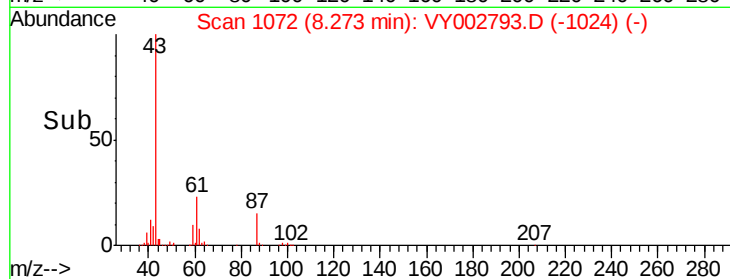
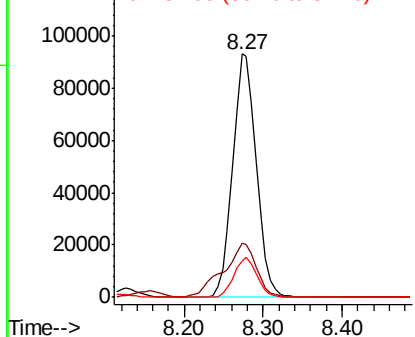
Isopropyl Acetate
 Concen: 51.605 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	15.9	12.4	18.6



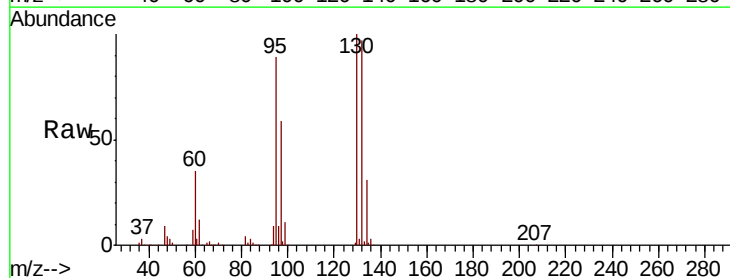
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



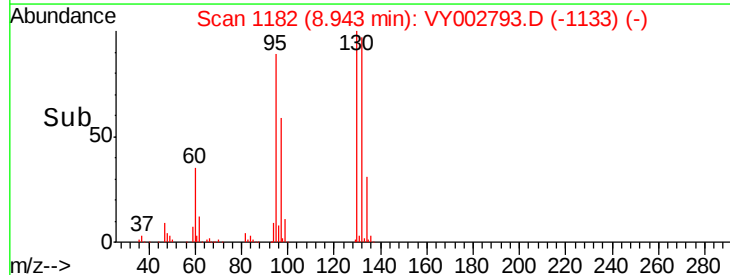
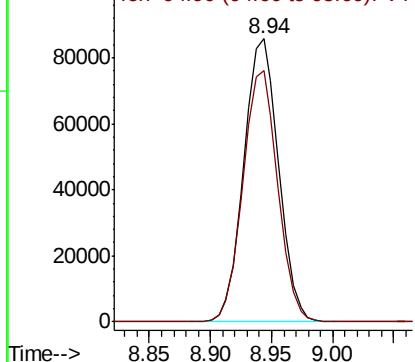
#44

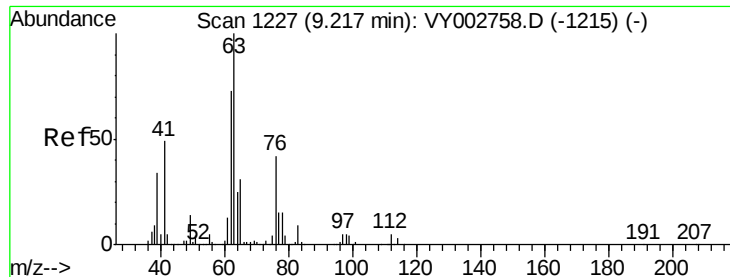
Trichloroethene
 Concen: 49.937 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 49.781 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

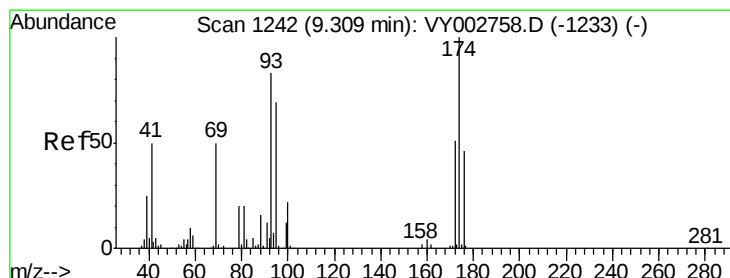
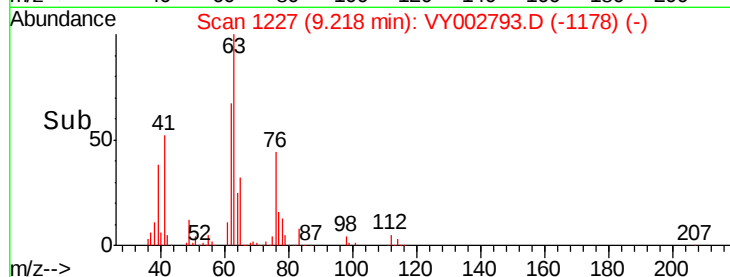
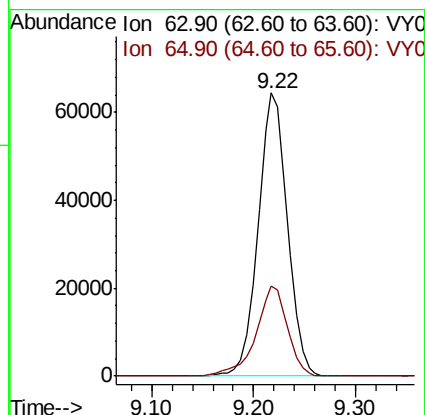
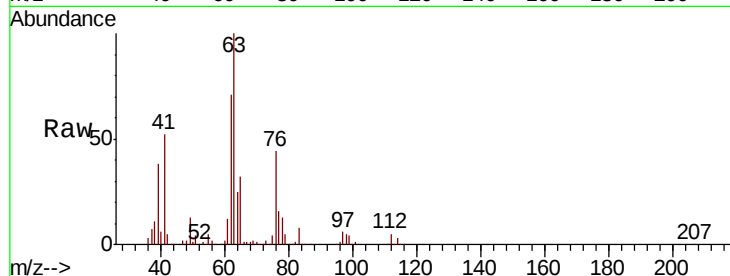
ClientSampled :

Tot Ion: 63 Resp: 128563

Ion Ratio Lower Upper

63 100

65 31.9 24.8 37.2



#46

Dibromomethane

Concen: 51.136 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

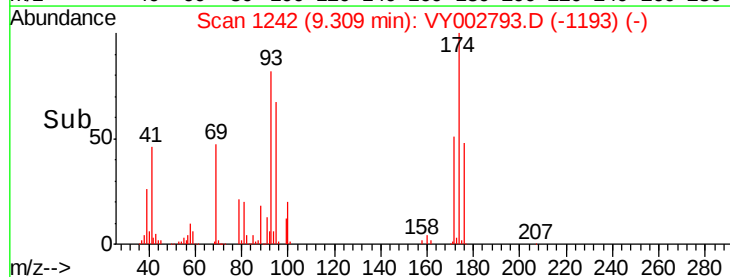
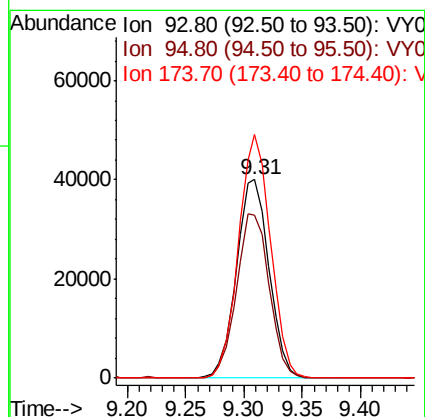
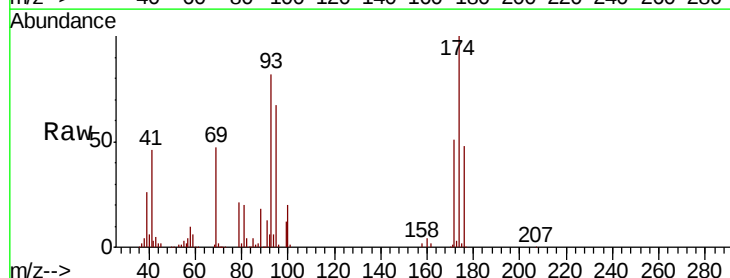
Tgt Ion: 93 Resp: 78430

Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 119.8 97.7 146.5





#47

Bromodichloromethane

Concen: 52.128 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

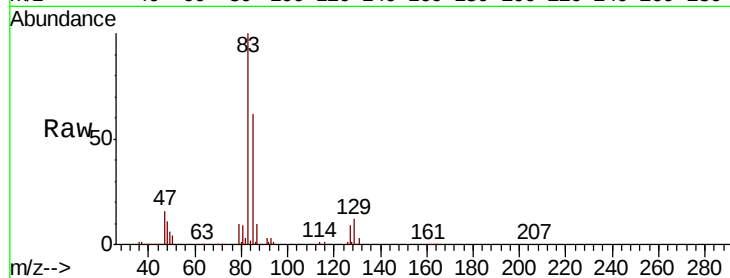
Tot Ion: 83 Resp: 188481

Ion Ratio Lower Upper

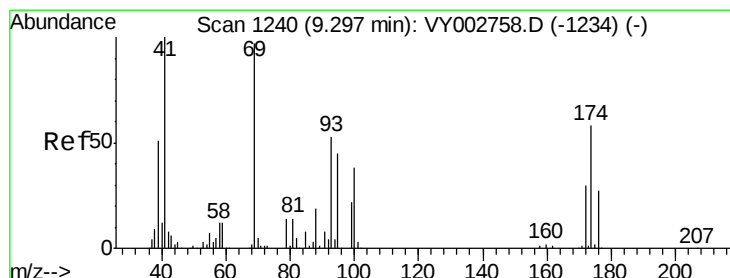
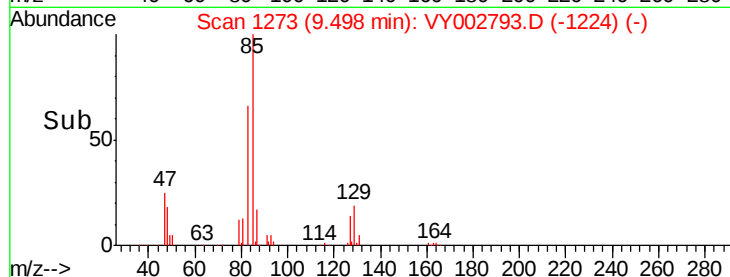
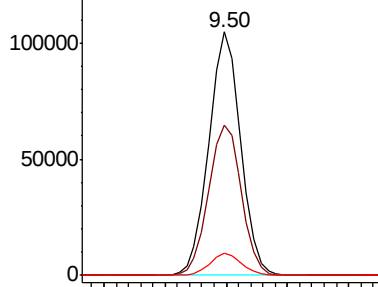
83 100

85 61.8 51.9 77.9

127 8.9 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): VY0



#48

Methyl methacrylate

Concen: 51.793 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

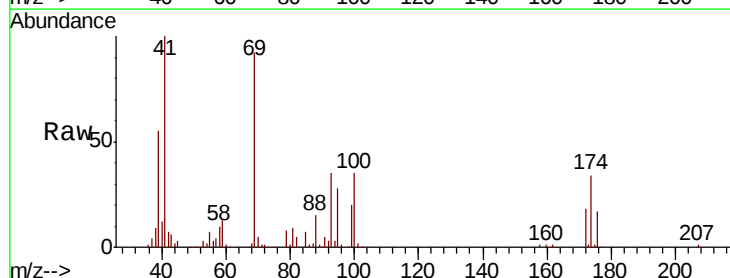
Tgt Ion: 41 Resp: 87859

Ion Ratio Lower Upper

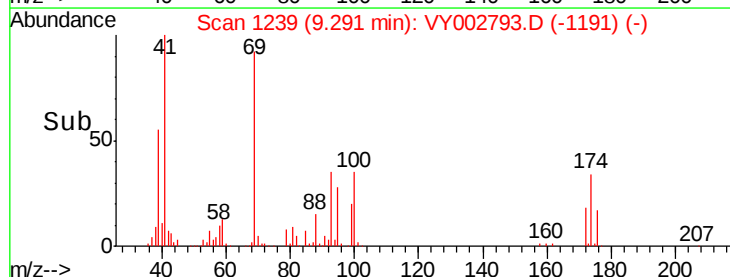
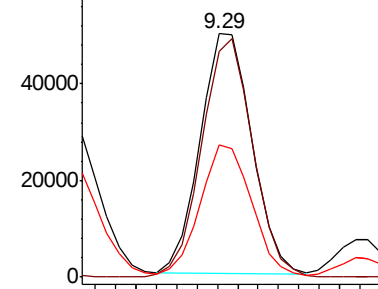
41 100

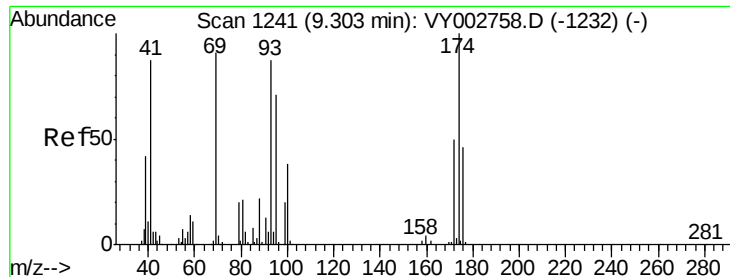
69 97.9 79.7 119.5

39 55.0 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

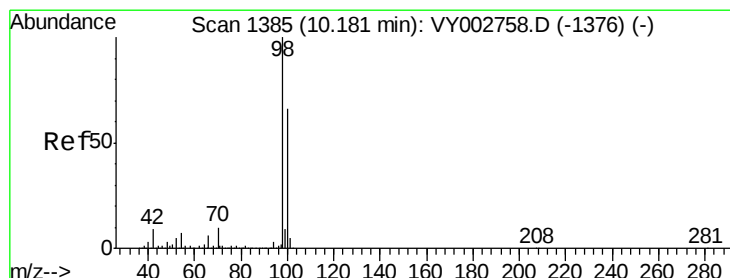
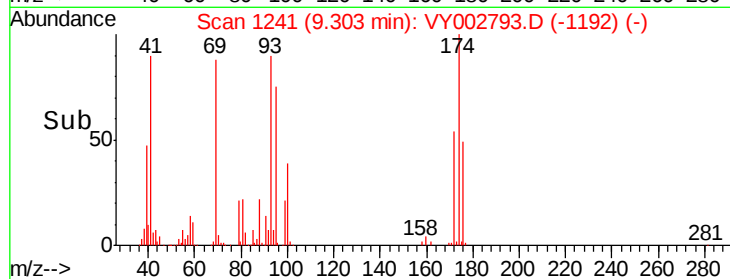
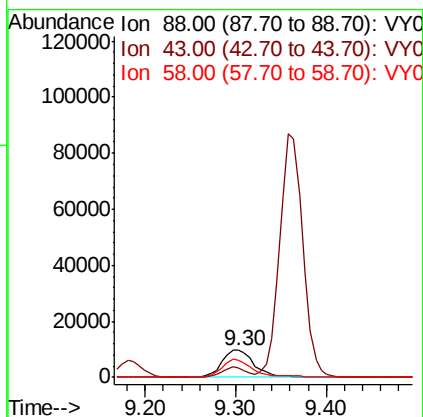
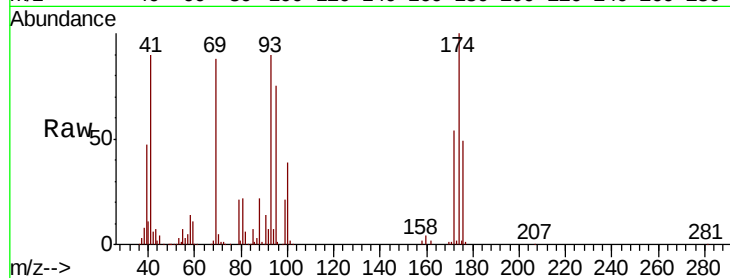




#49
1,4-Dioxane
Concen: 1025.765 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

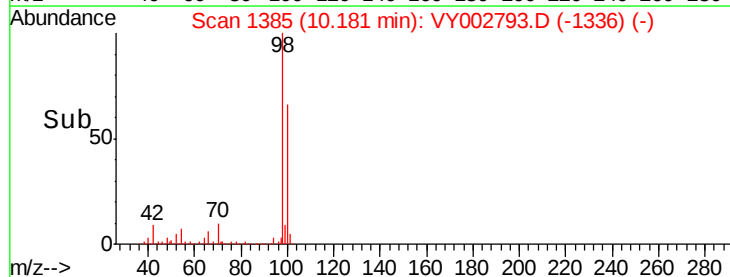
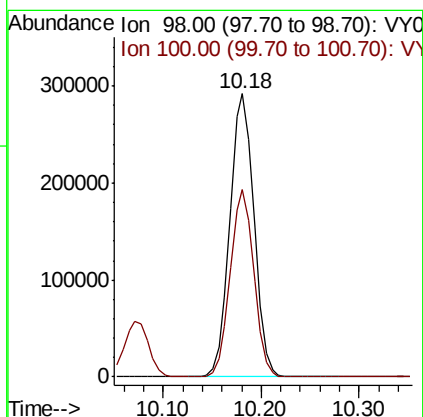
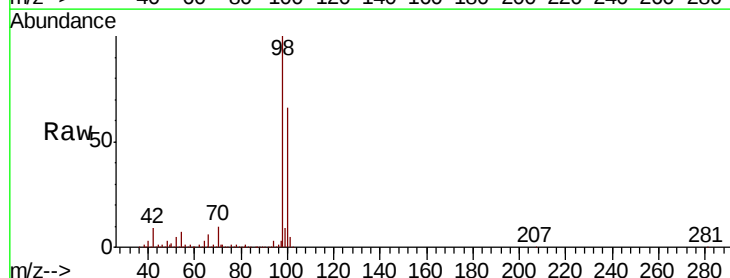
Instrument :
MSVOA_Y
ClientSampleId :

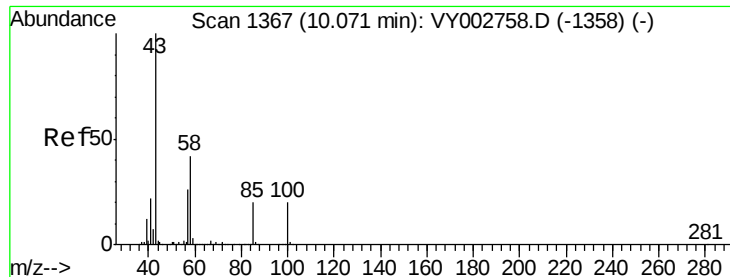
Tot Ion: 88 Resp: 24157
Ion Ratio Lower Upper
88 100
43 27.6 21.3 31.9
58 60.1 52.2 78.2



#50
Toluene-d8
Concen: 48.615 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 98 Resp: 498407
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

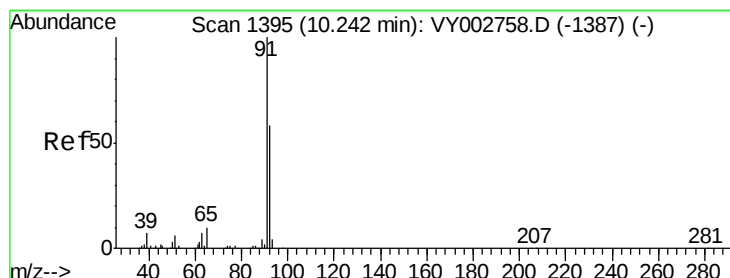
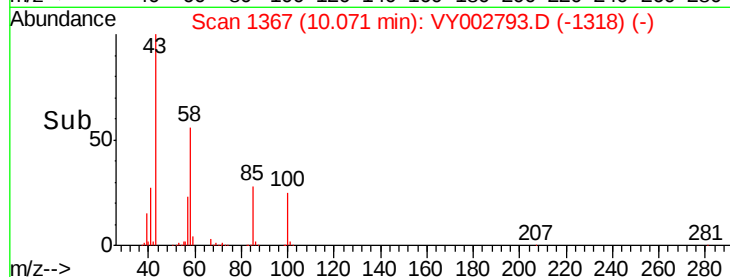
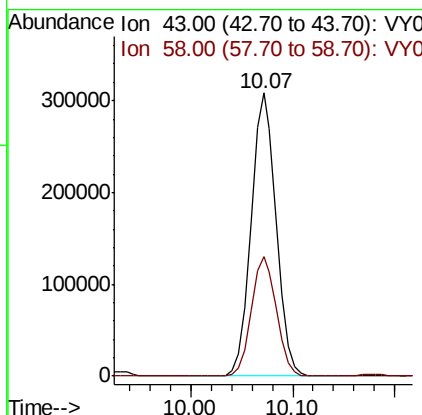
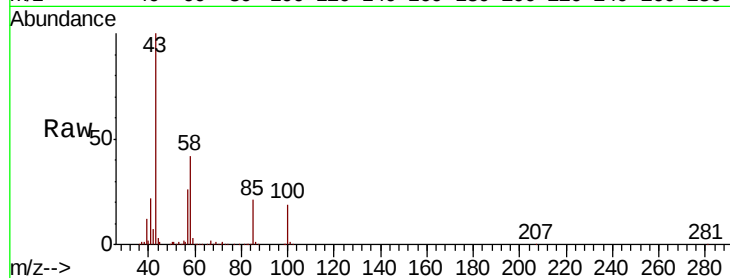




#51
4-Methyl-2-Pentanone
Concen: 264.603 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

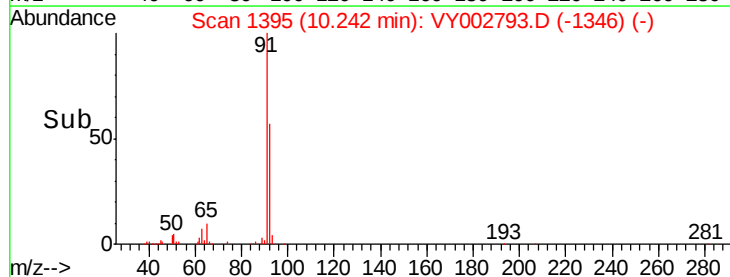
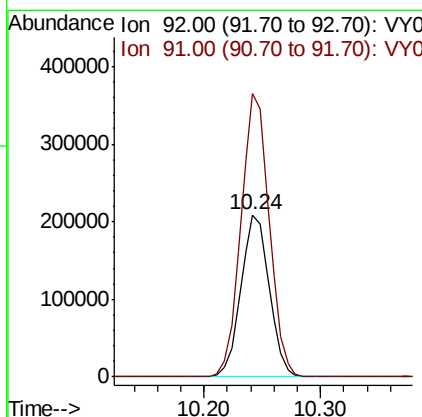
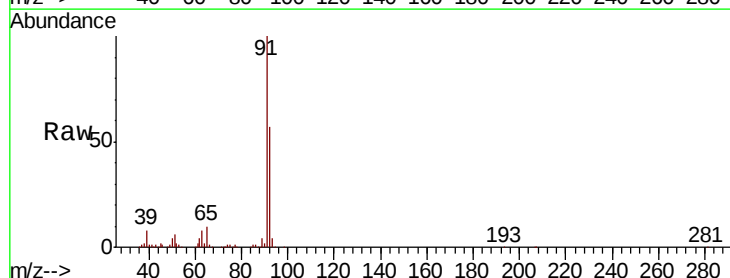
Instrument :
MSVOA_Y
ClientSampleId :

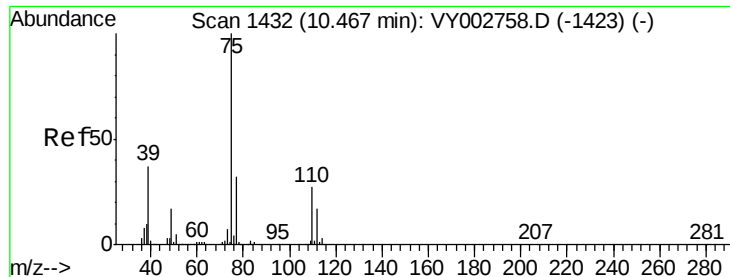
Tot Ion: 43 Resp: 526510
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.2



#52
Toluene
Concen: 50.309 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 92 Resp: 354424
Ion Ratio Lower Upper
92 100
91 174.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.183 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

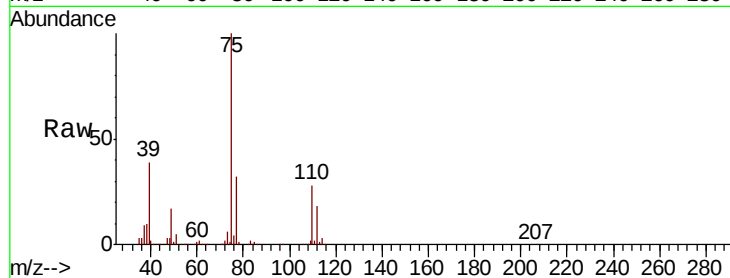
ClientSampled :

Tot Ion: 75 Resp: 206085

Ion Ratio Lower Upper

75 100

77 32.3 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

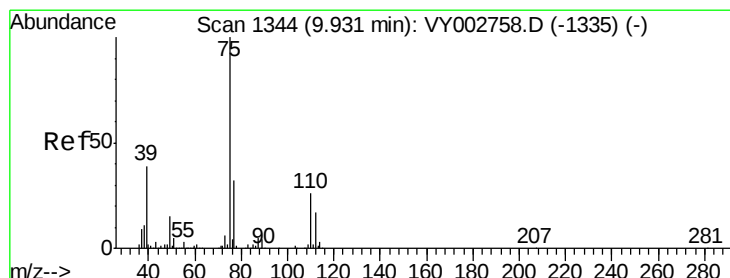
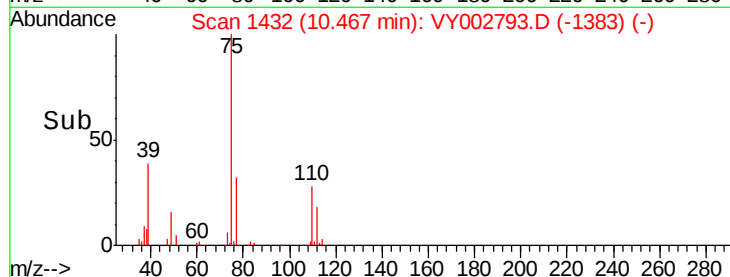
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.553 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

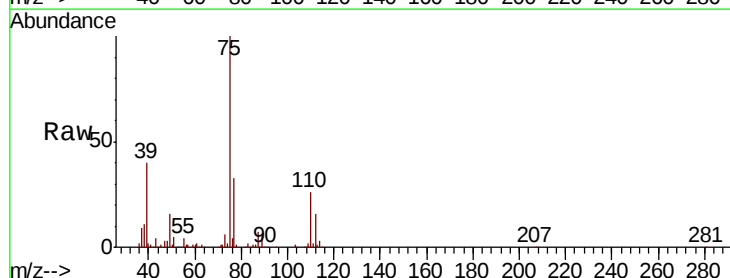
Tgt Ion: 75 Resp: 230703

Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 40.3 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

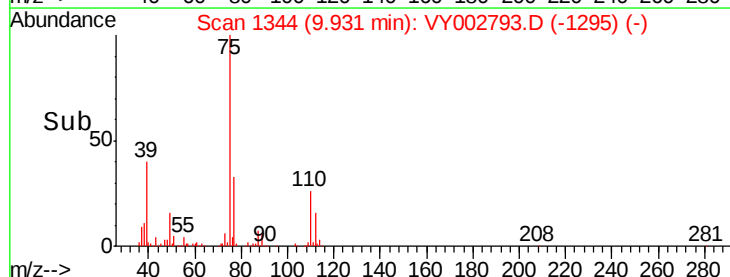
150000

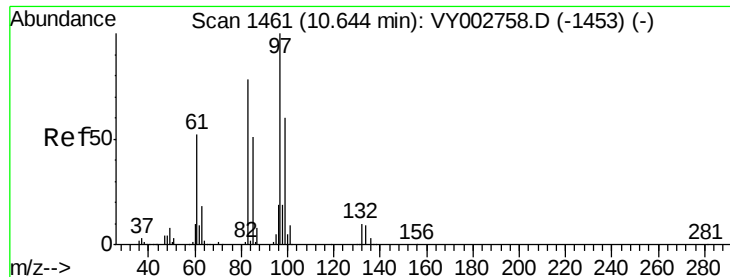
100000

50000

0

Time-->

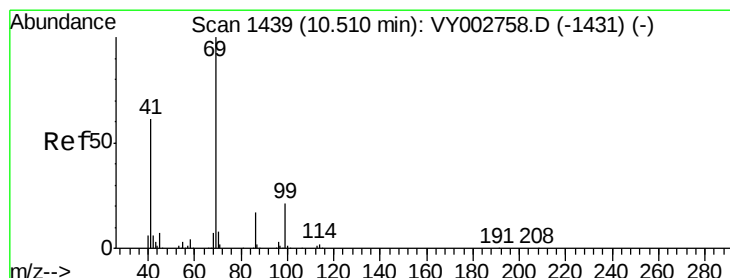
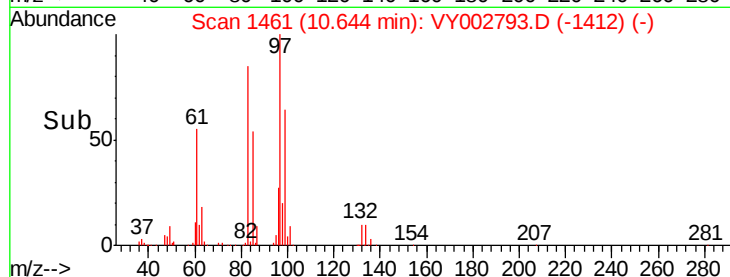
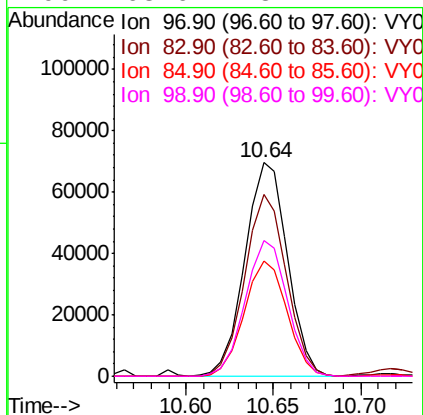
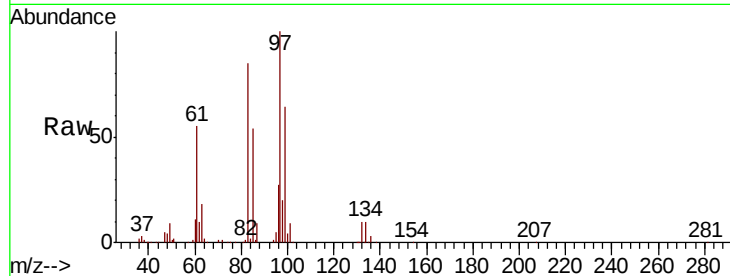




#55
 1,1,2-Trichloroethane
 Concen: 50.590 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

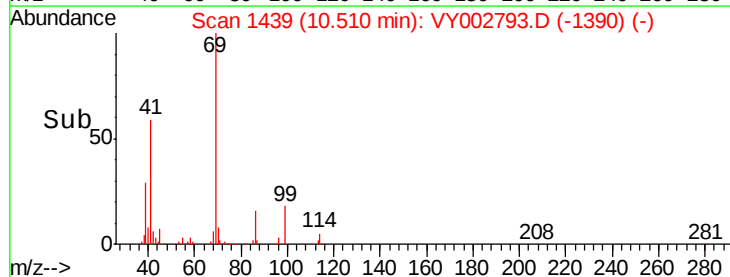
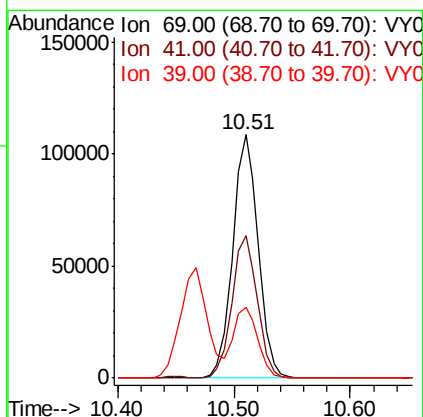
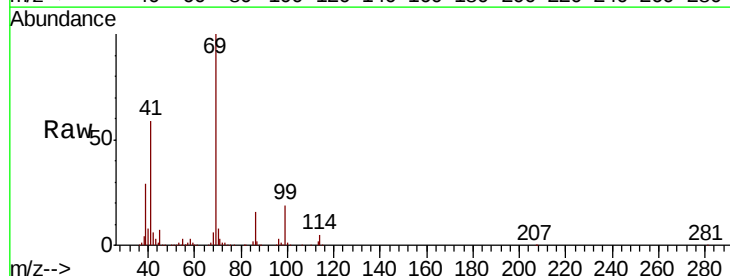
Instrument :
 MSVOA_Y
 ClientSampleId :

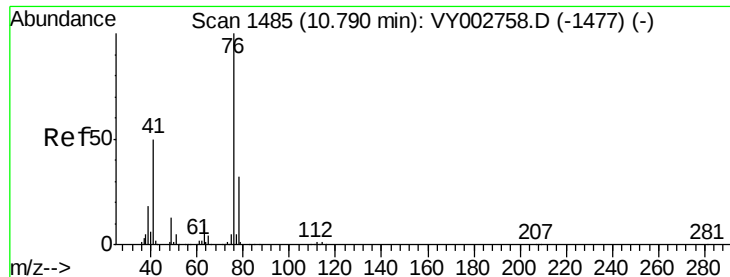
Tot Ion:	97	Resp:	118792
Ion	Ratio	Lower	Upper
97	100		
83	85.1	62.7	94.1
85	53.9	40.6	60.8
99	63.6	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.367 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion:	69	Resp:	164699
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.0	70.4
39	27.8	22.0	33.0





#57

1,3-Dichloropropane

Concen: 51.156 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

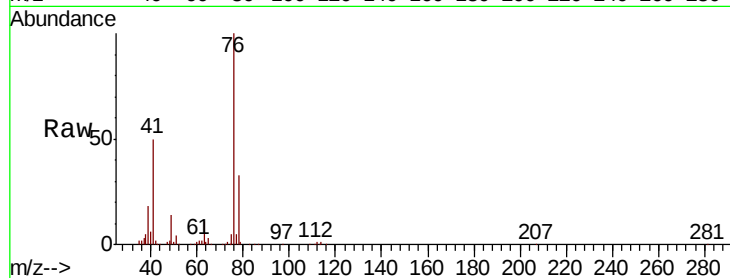
ClientSampleId :

Tot Ion: 76 Resp: 197571

Ion Ratio Lower Upper

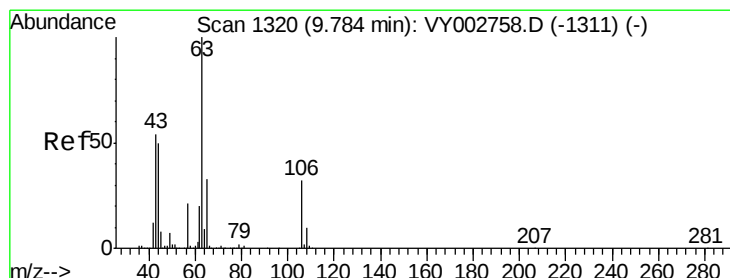
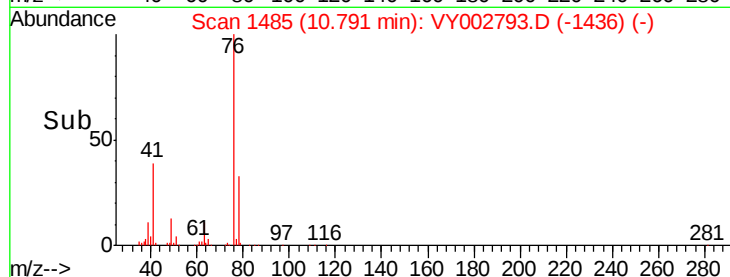
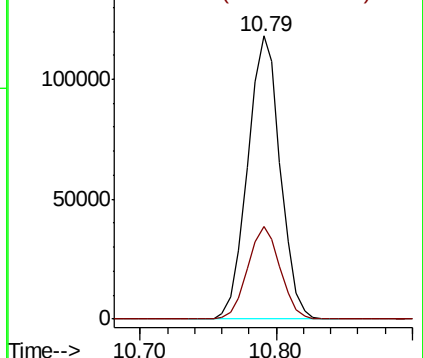
76 100

78 32.6 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: 249.852 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002793.D

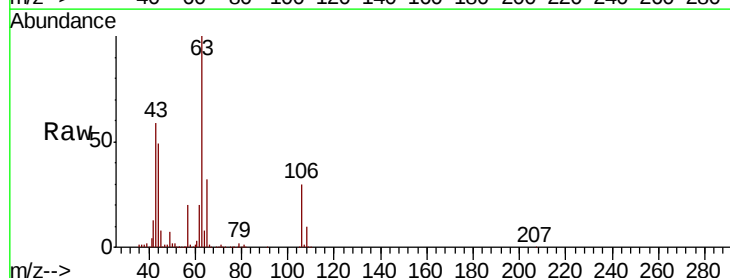
Acq: 29 May 2020 10:12

Tgt Ion: 63 Resp: 383968

Ion Ratio Lower Upper

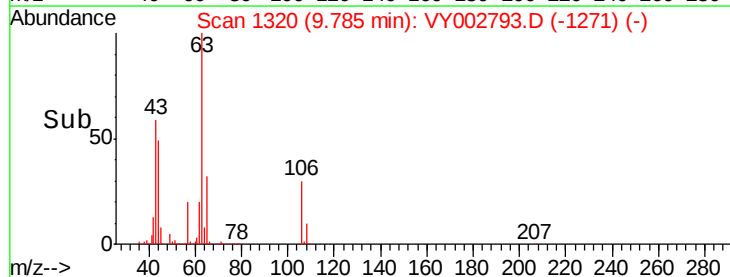
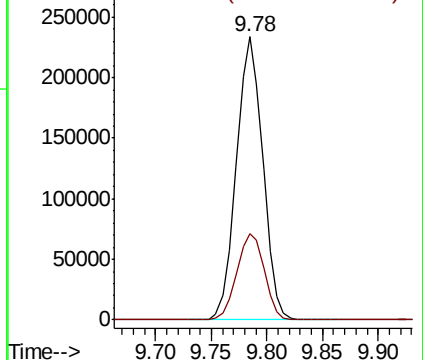
63 100

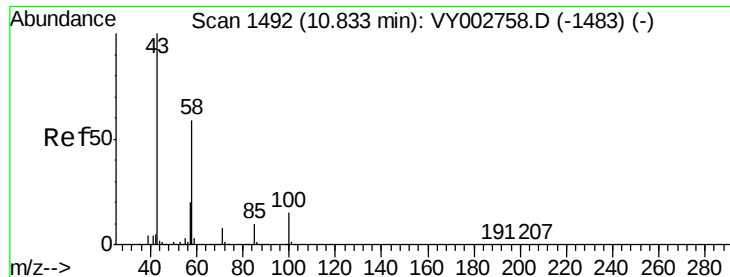
106 31.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

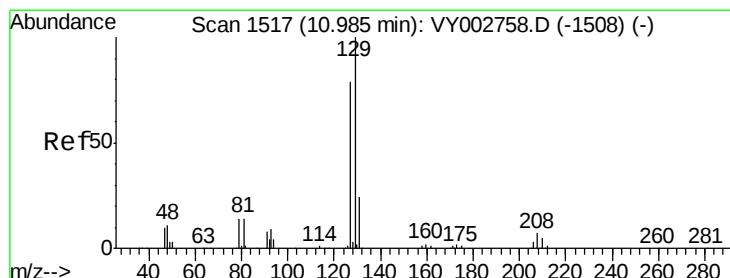
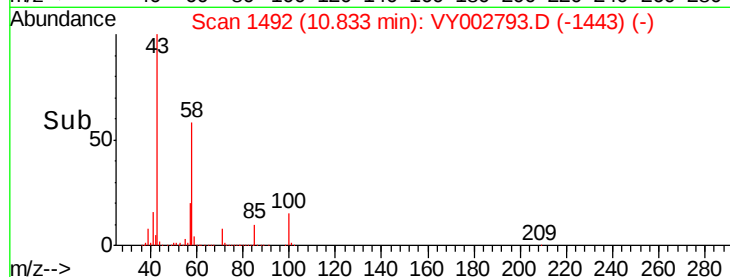
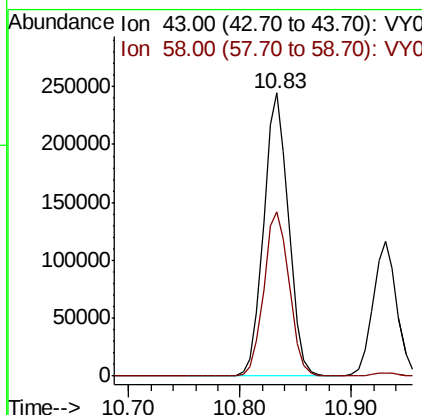
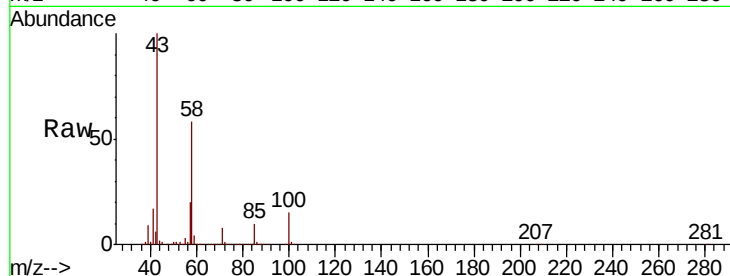




#59
2-Hexanone
Concen: 269.820 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

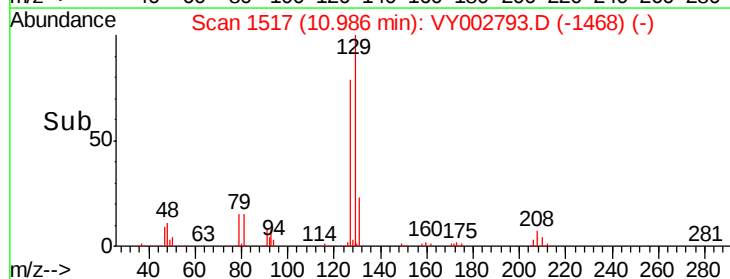
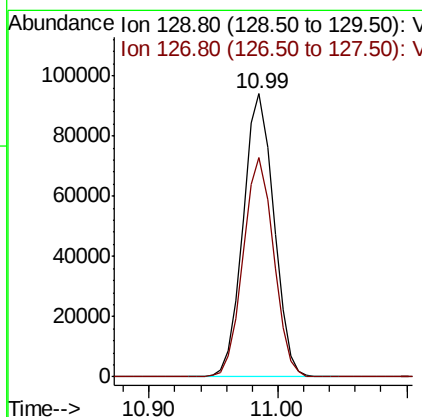
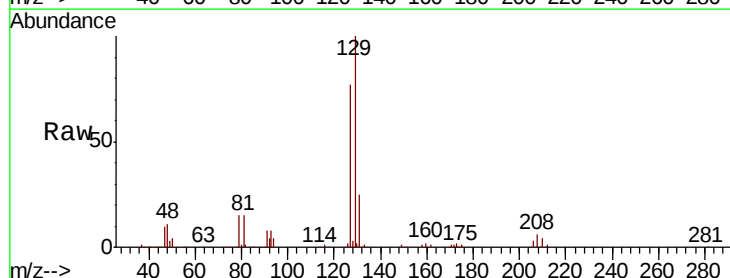
Instrument :
MSVOA_Y
ClientSampleId :

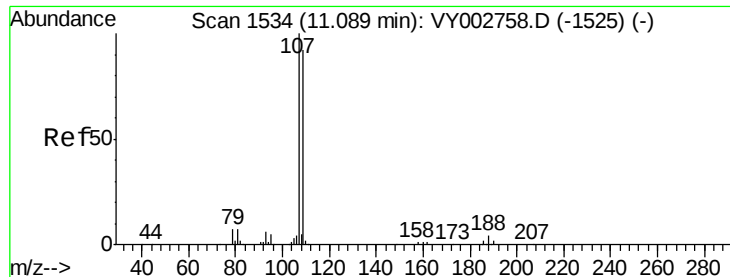
Tot Ion: 43 Resp: 380936
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 52.003 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion: 129 Resp: 154813
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.491 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

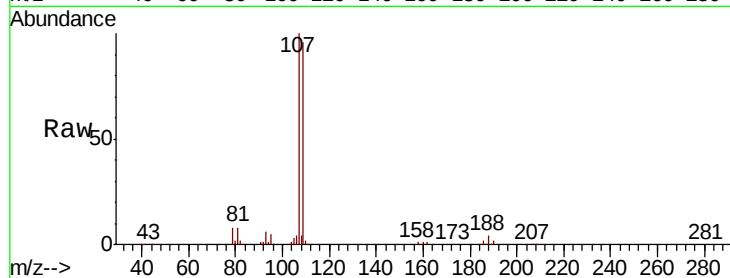
ClientSampleId :

Tot Ion:107 Resp: 116952

Ion Ratio Lower Upper

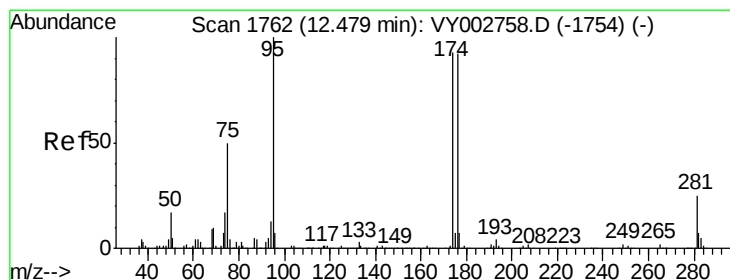
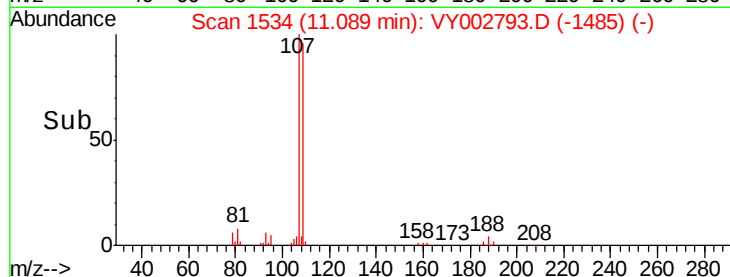
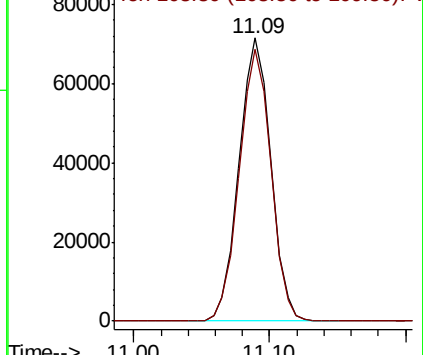
107 100

109 95.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.750 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

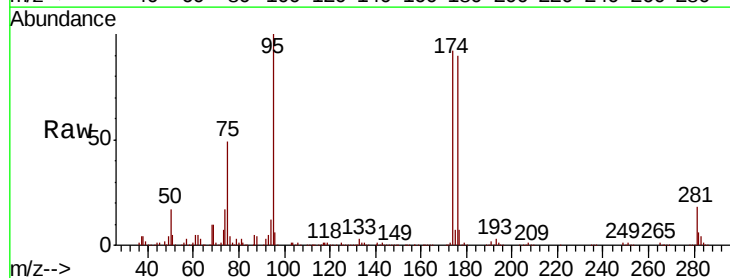
Tgt Ion: 95 Resp: 174310

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.2

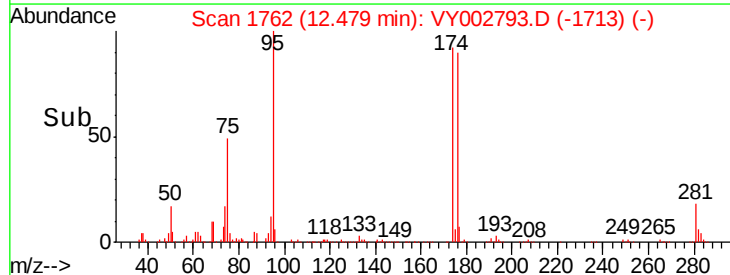
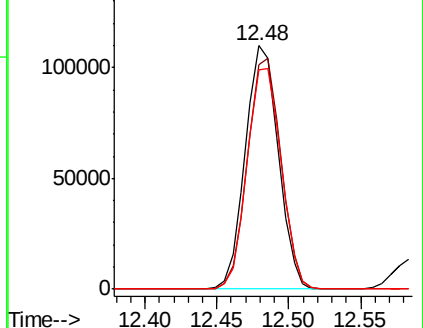
176 93.5 0.0 188.8

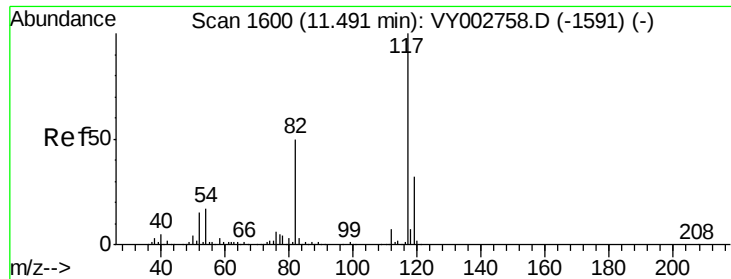


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

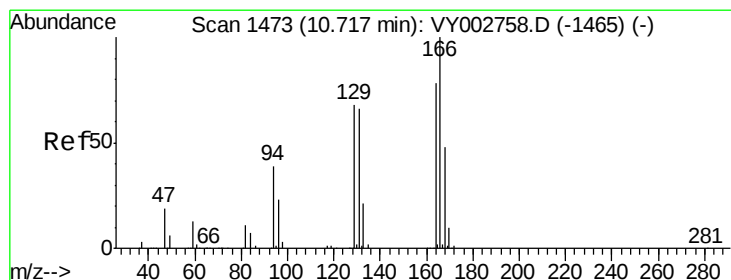
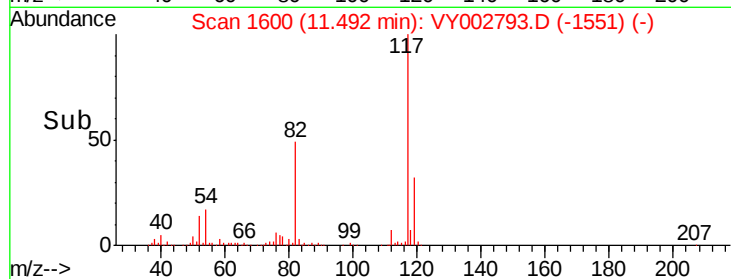
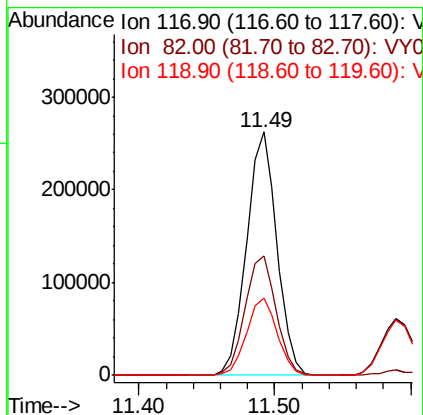
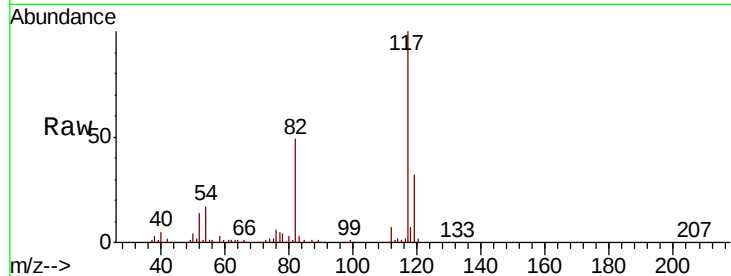




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

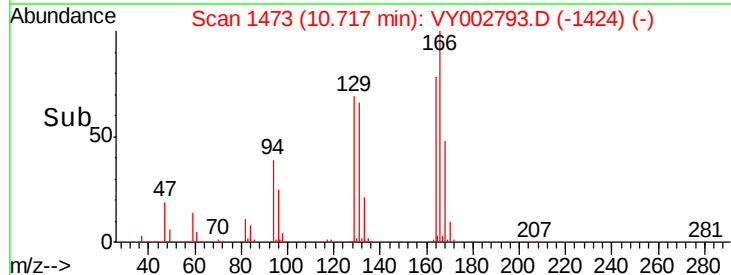
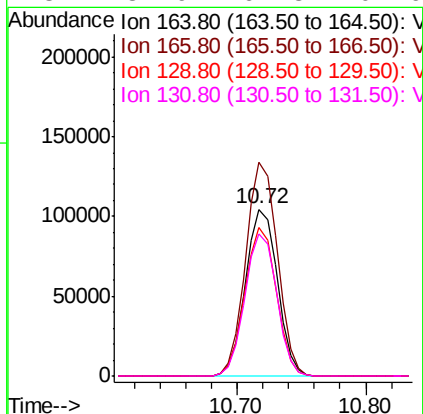
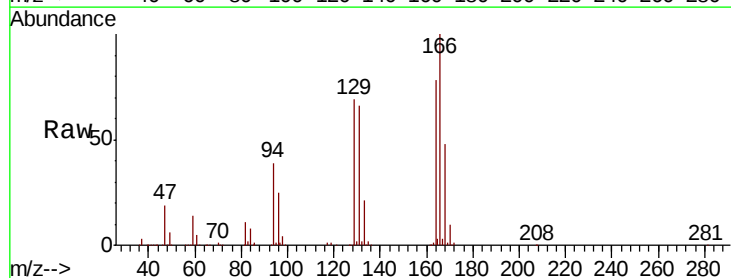
Instrument :
MSVOA_Y
ClientSampleId :

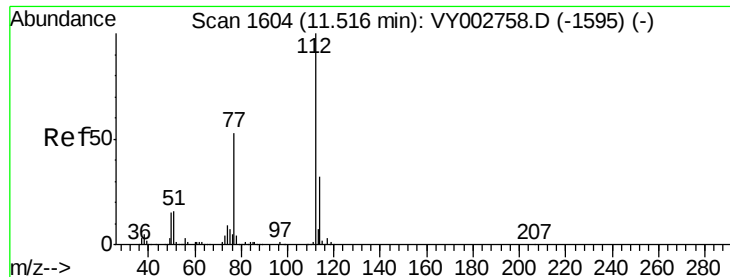
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.2	60.4
119	31.6	25.8	38.8



#64
Tetrachloroethene
Concen: 48.190 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.3	153.5
129	88.9	69.4	104.2
131	84.9	67.8	101.6

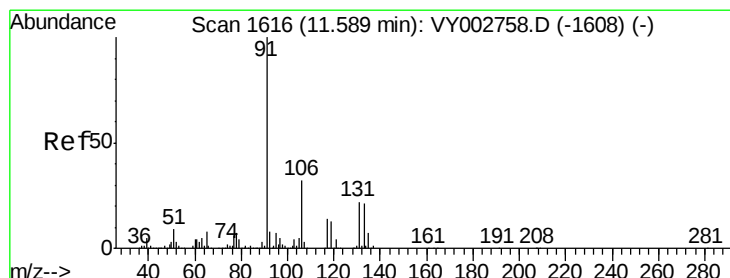
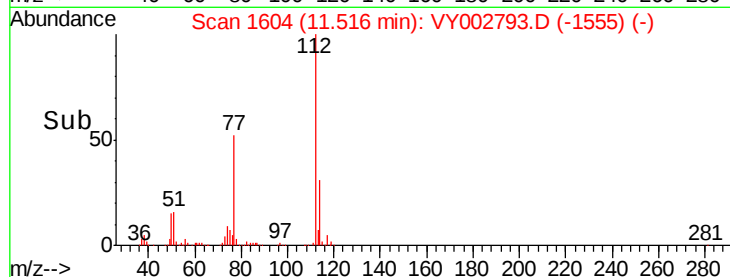
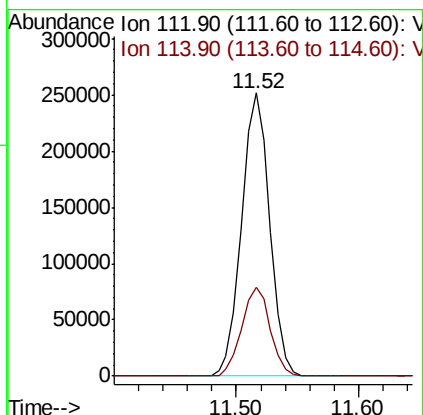
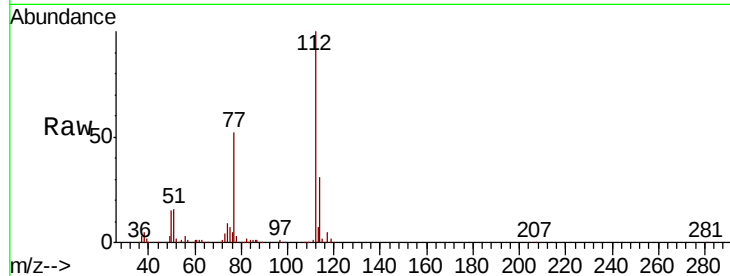




#65
Chlorobenzene
Concen: 49.519 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

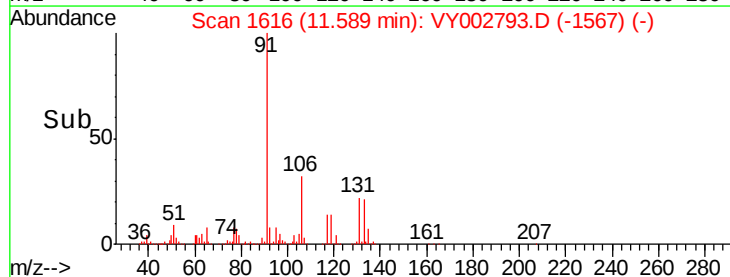
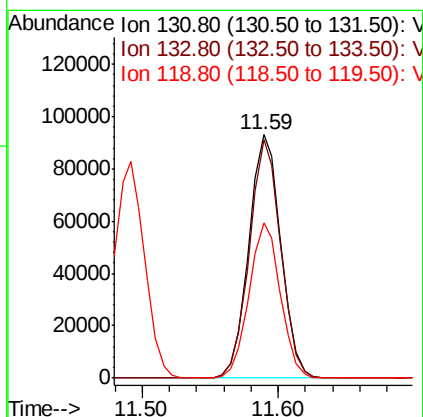
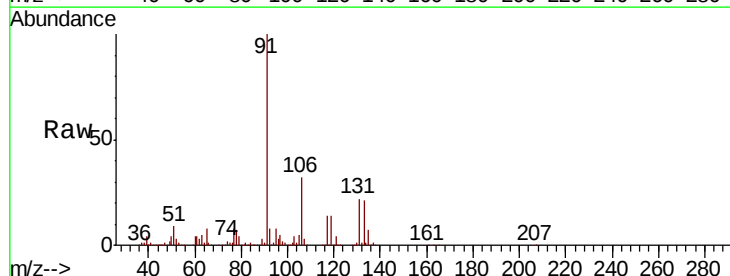
Instrument :
MSVOA_Y
ClientSampleId :

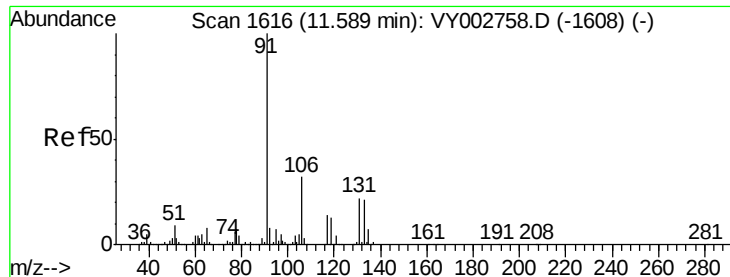
Tot Ion:112 Resp: 399639
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.510 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion:131 Resp: 153525
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 62.6 31.7 95.1





#67

Ethyl Benzene

Concen: 49.705 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

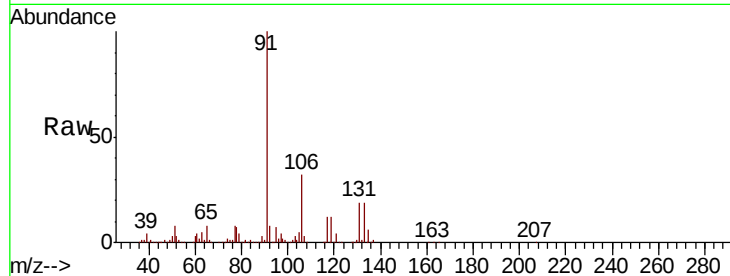
ClientSampleId :

Tot Ion: 91 Resp: 695431

Ion Ratio Lower Upper

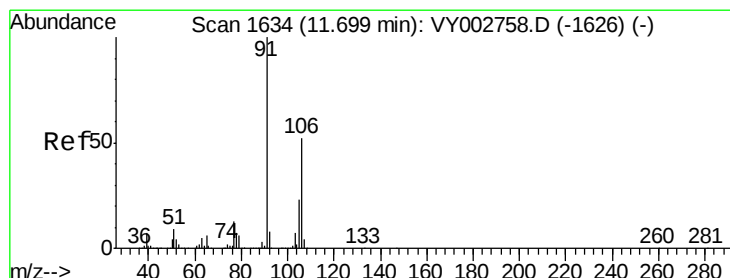
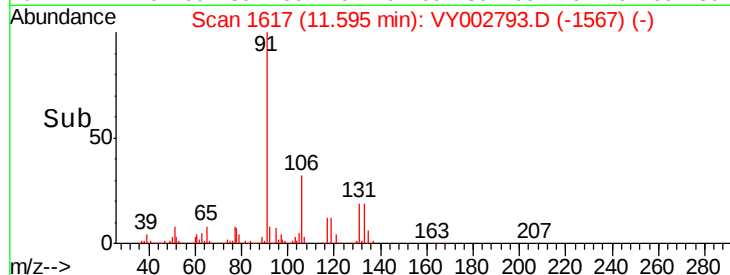
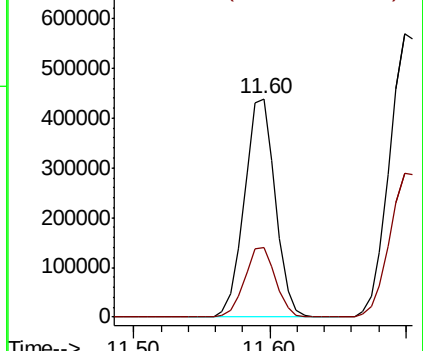
91 100

106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.908 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002793.D

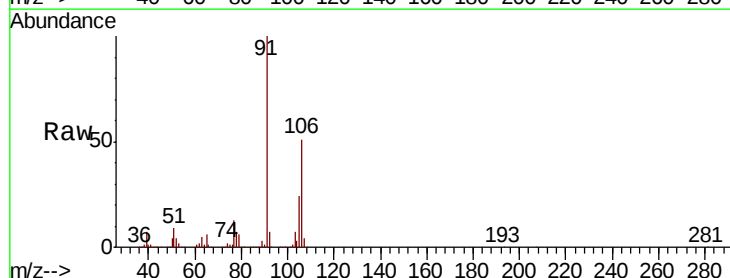
Acq: 29 May 2020 10:12

Tgt Ion: 106 Resp: 541961

Ion Ratio Lower Upper

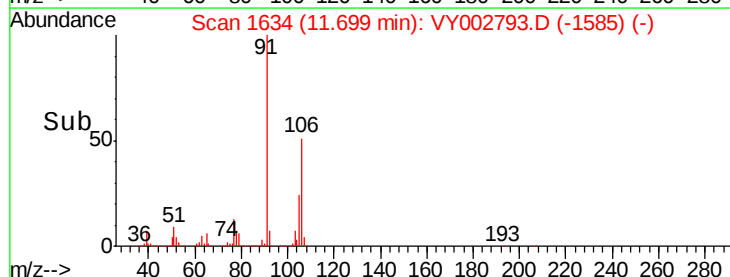
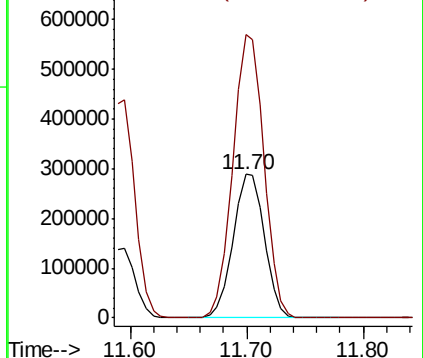
106 100

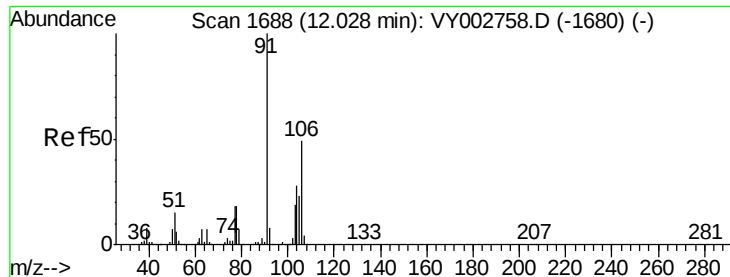
91 195.1 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

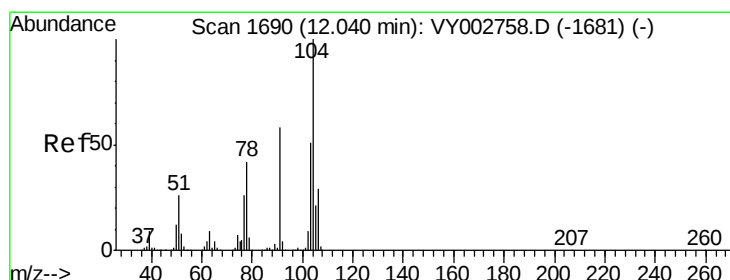
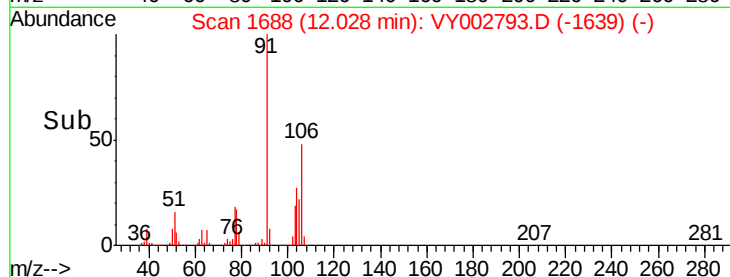
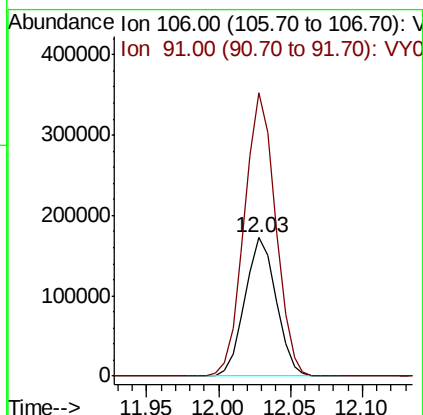
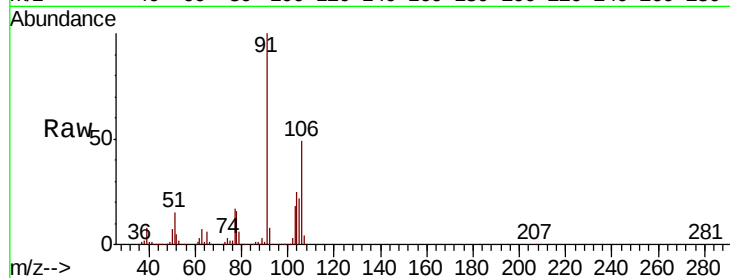




#69
o-Xylene
Concen: 50.724 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

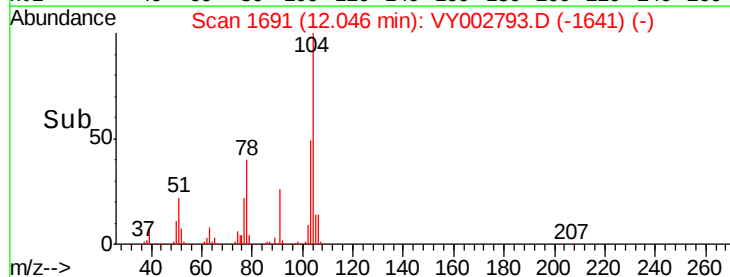
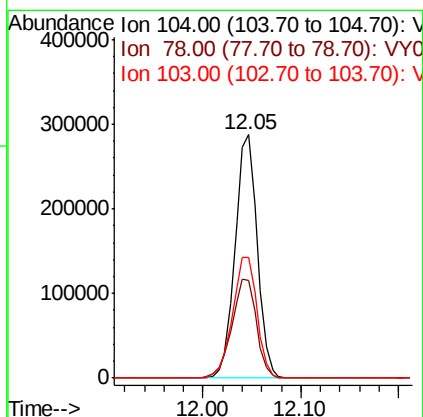
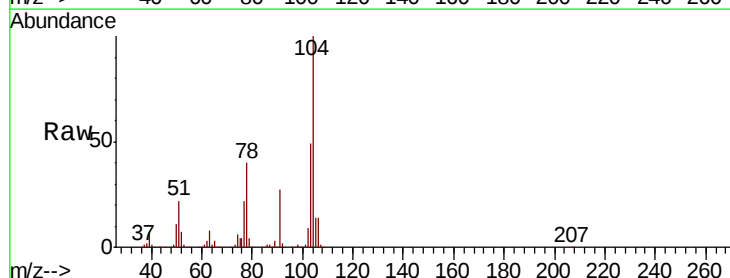
Instrument :
MSVOA_Y
ClientSampleId :

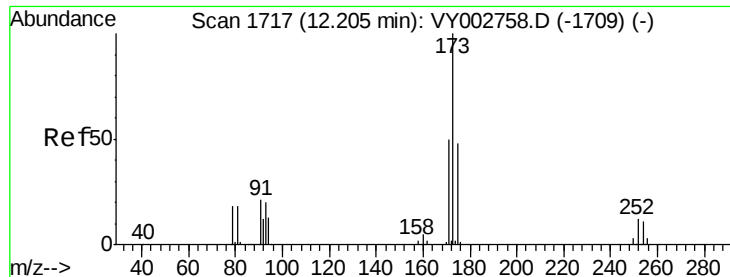
Tot Ion:106 Resp: 259760
Ion Ratio Lower Upper
106 100
91 203.8 102.4 307.1



#70
Styrene
Concen: 50.714 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion:104 Resp: 450208
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 50.982 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

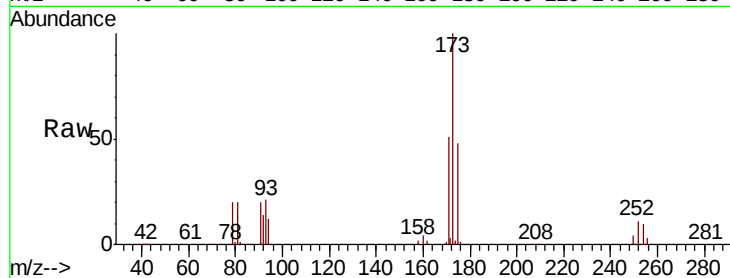
Tot Ion:173 Resp: 103687

Ion Ratio Lower Upper

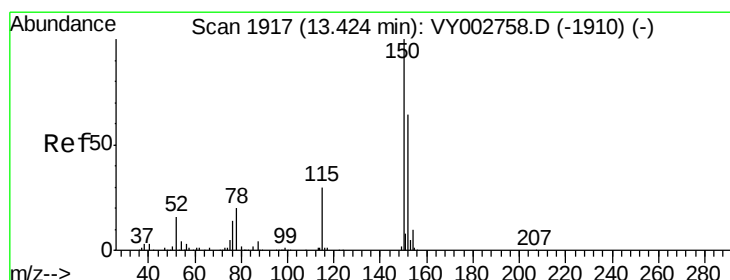
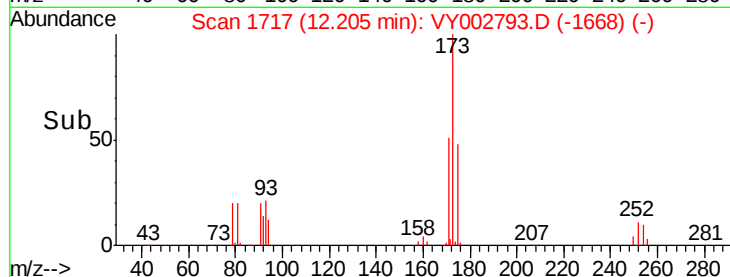
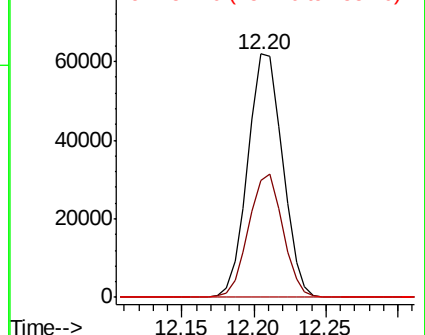
173 100

175 49.7 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: VY002793.D

Acq: 29 May 2020 10:12

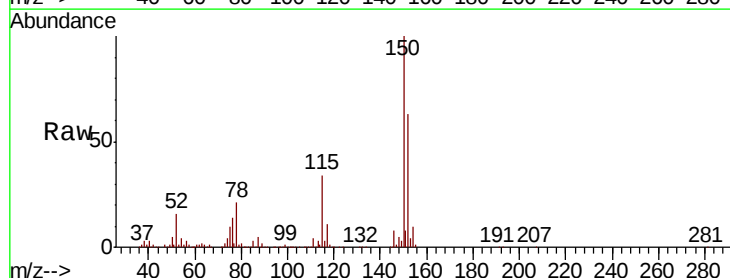
Tgt Ion:152 Resp: 222476

Ion Ratio Lower Upper

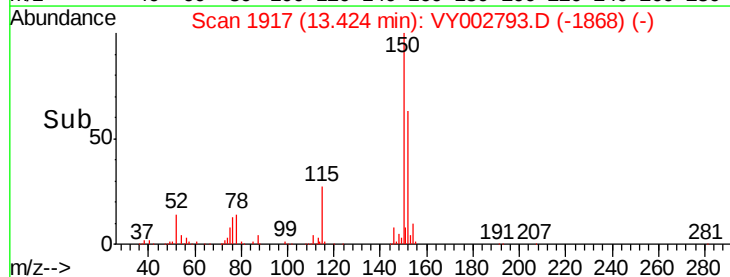
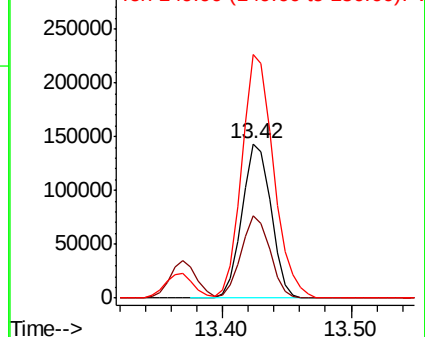
152 100

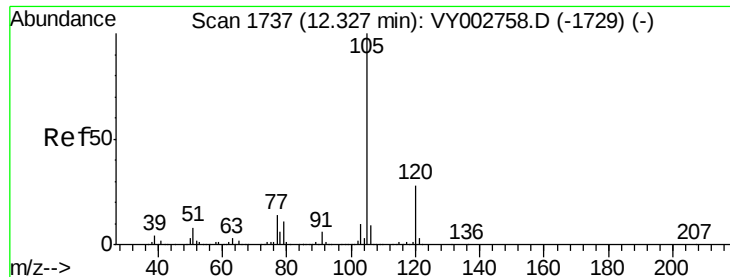
115 53.2 27.0 81.0

150 172.4 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: 49.058 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

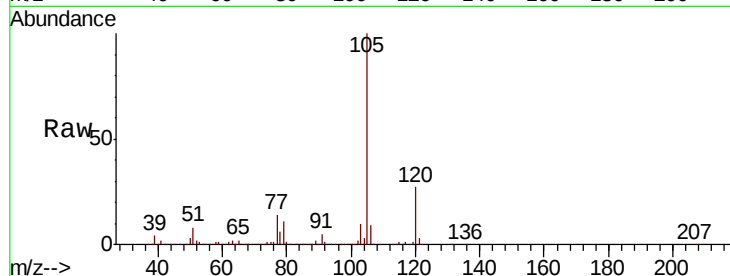
ClientSampleId :

Tot Ion:105 Resp: 699423

Ion Ratio Lower Upper

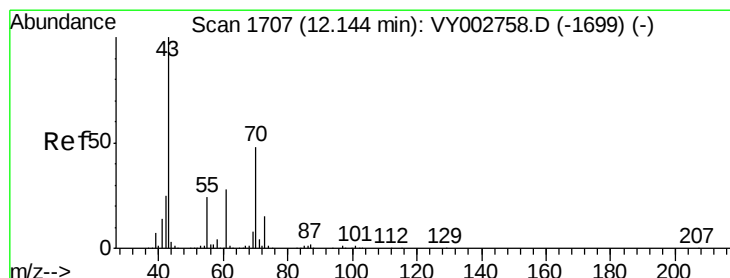
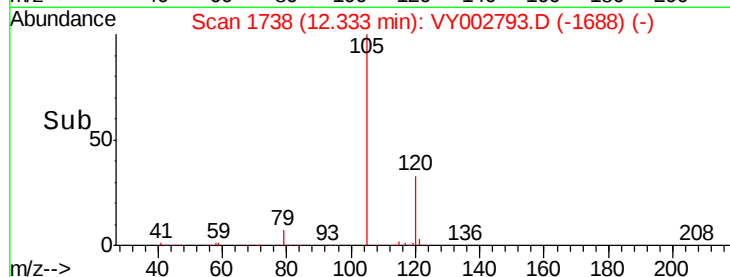
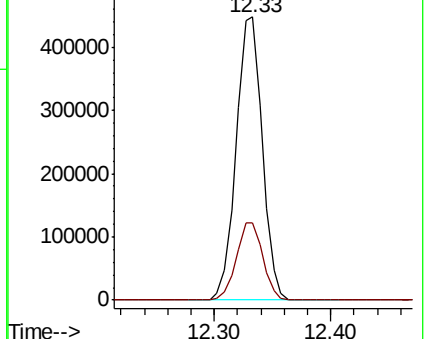
105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.683 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Tgt Ion: 43 Resp: 189063

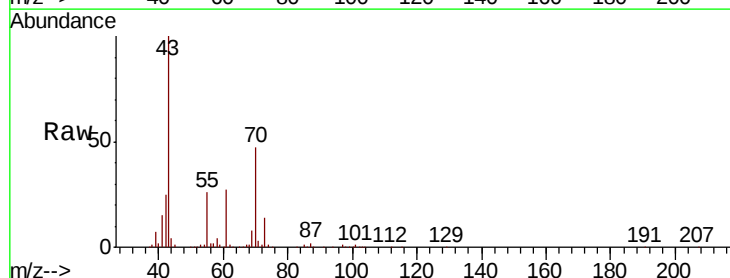
Ion Ratio Lower Upper

43 100

70 46.7 37.7 56.5

55 24.8 19.8 29.6

61 26.4 21.7 32.5

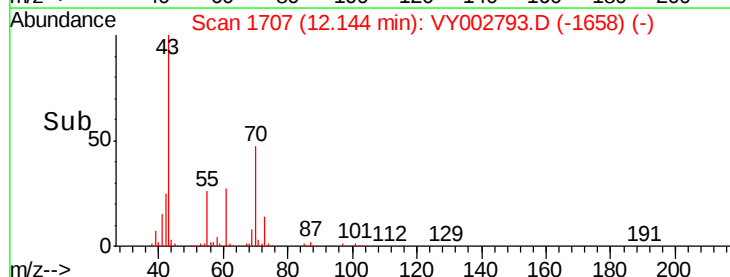
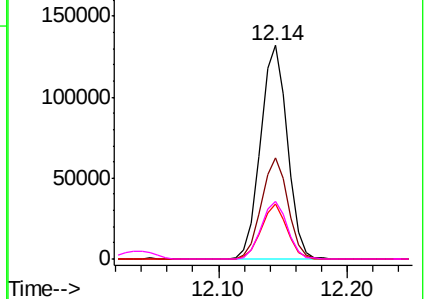


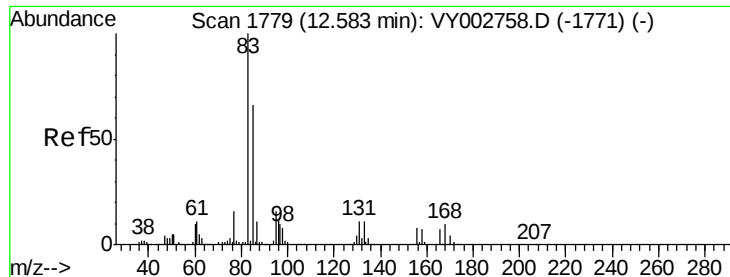
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.240 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

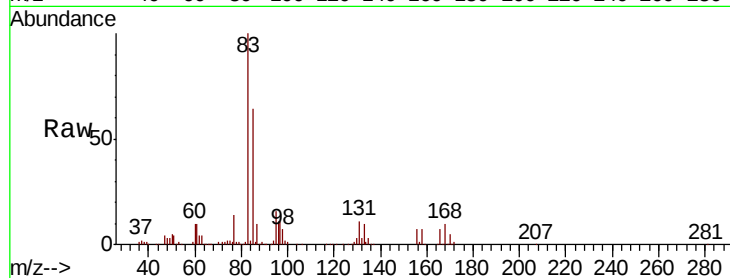
Tot Ion: 83 Resp: 128177

Ion Ratio Lower Upper

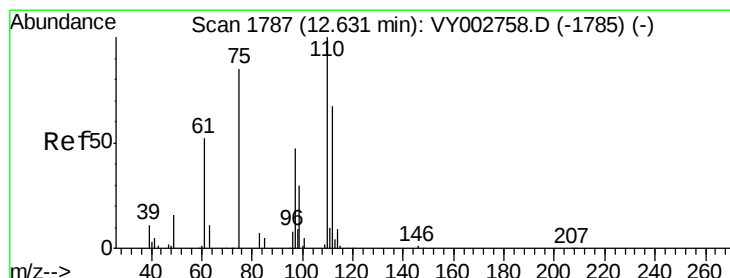
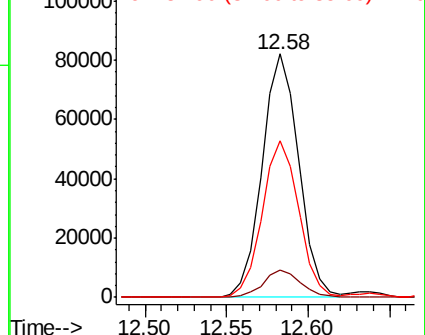
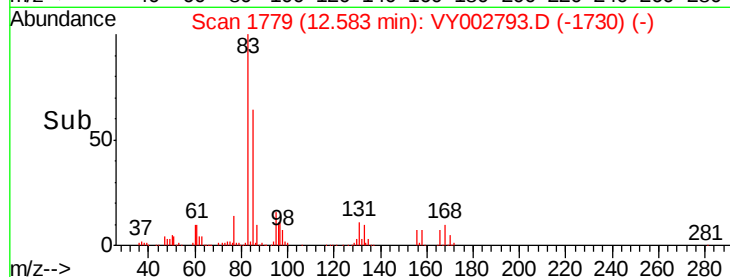
83 100

131 11.4 5.8 17.4

85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002793.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 95.109 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002793.D

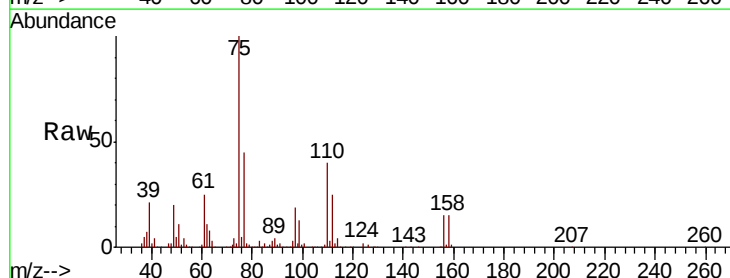
Acq: 29 May 2020 10:12

Tgt Ion: 75 Resp: 190661

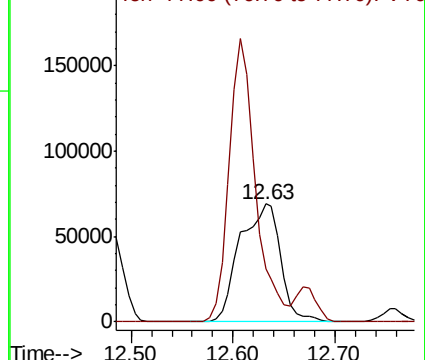
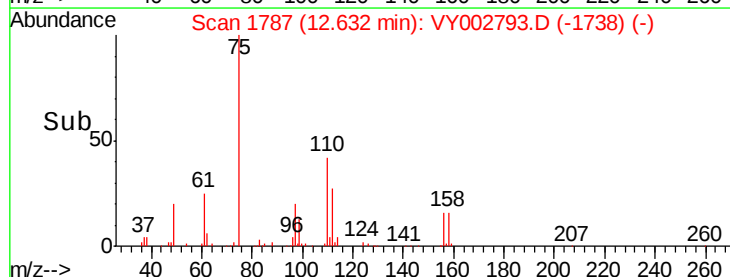
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002793.D (-1738) (-)





#77

Bromobenzene

Concen: 49.136 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

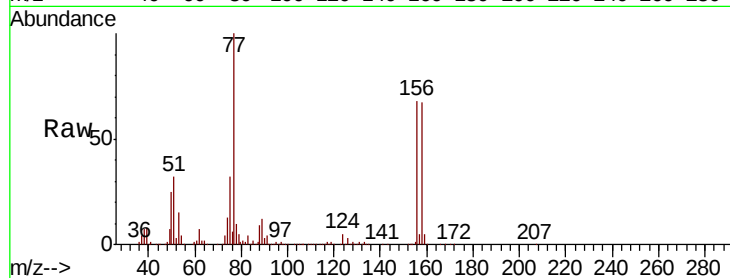
Tot Ion:156 Resp: 182412

Ion Ratio Lower Upper

156 100

77 163.2 81.4 244.2

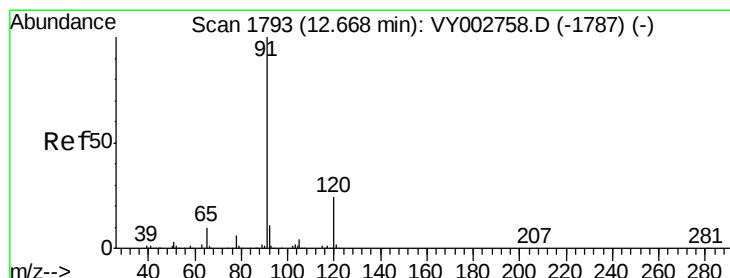
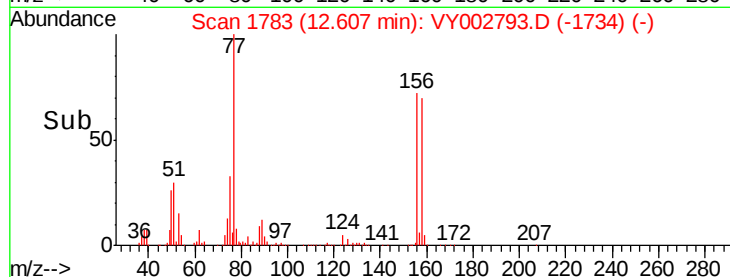
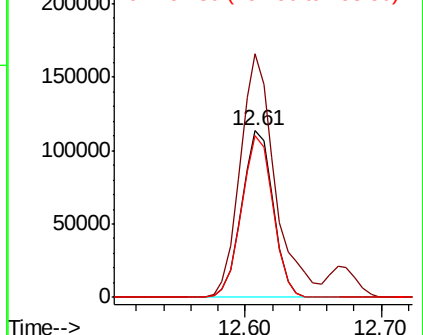
158 97.3 48.5 145.6



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: 49.908 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002793.D

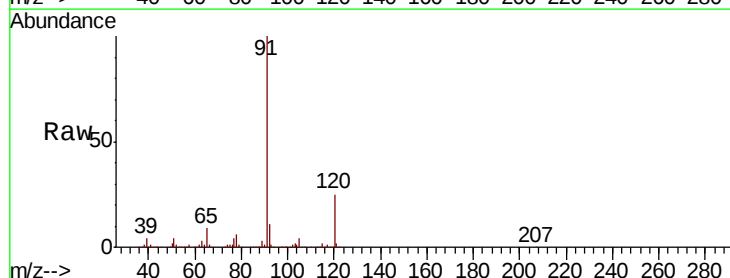
Acq: 29 May 2020 10:12

Tgt Ion: 91 Resp: 821916

Ion Ratio Lower Upper

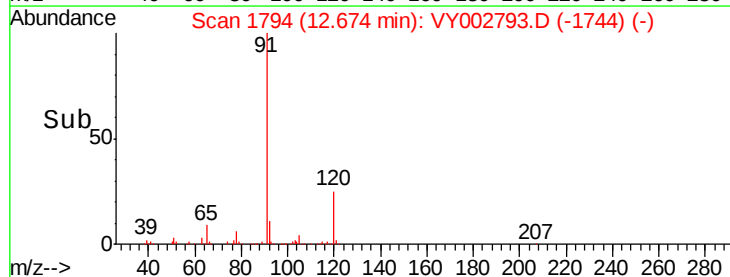
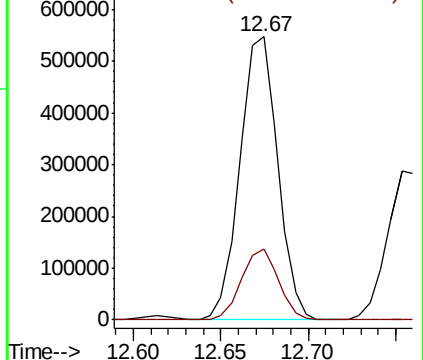
91 100

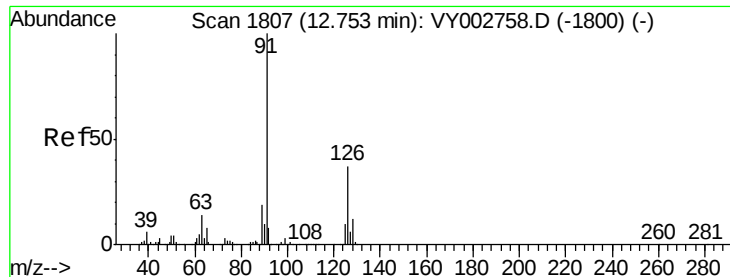
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

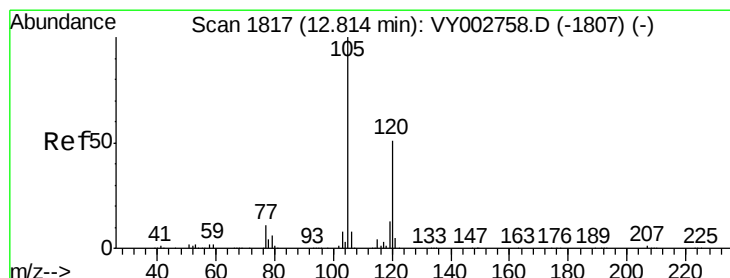
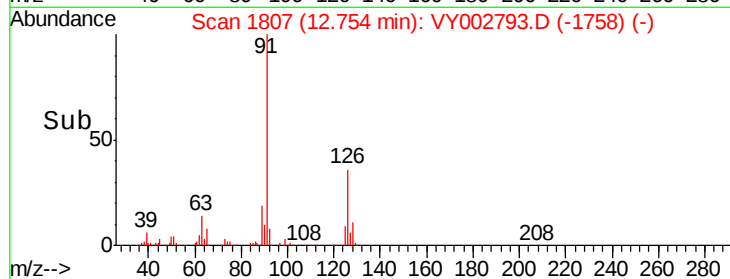
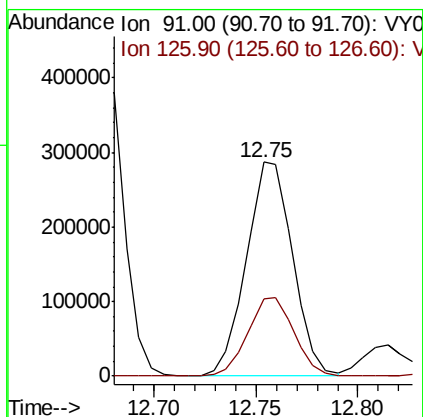
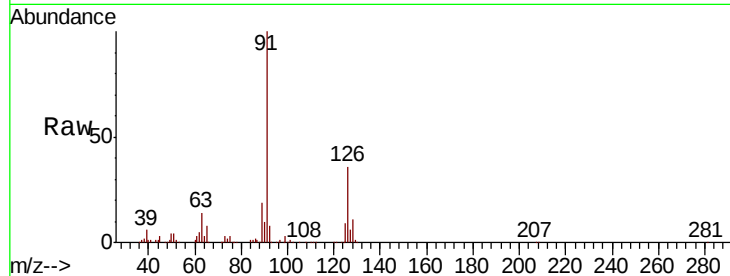




#79
 2-Chlorotoluene
 Concen: 49.096 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

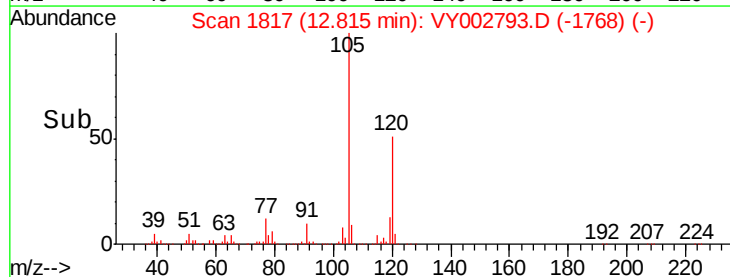
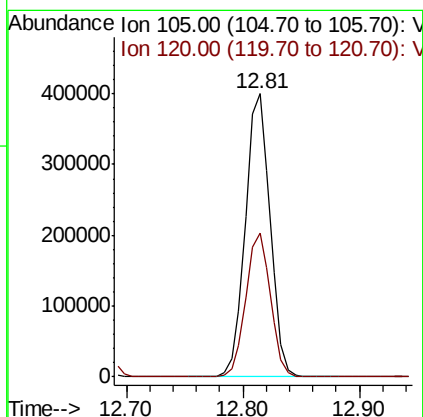
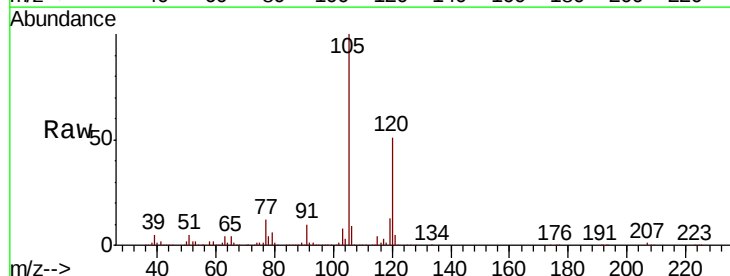
Instrument :
 MSVOA_Y
 ClientSampleId :

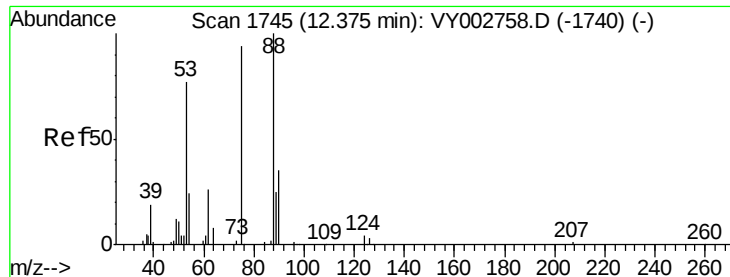
Tot Ion: 91 Resp: 453553
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.740 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion: 105 Resp: 592115
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.630 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

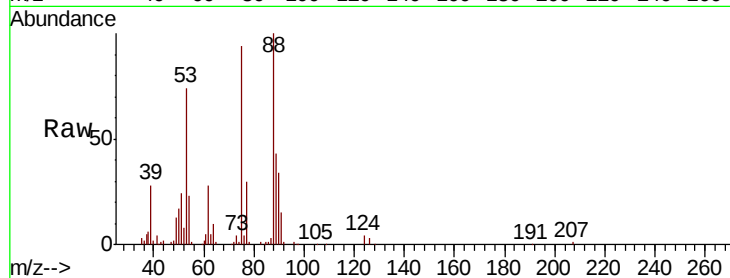
Tot Ion: 75 Resp: 54937

Ion Ratio Lower Upper

75 100

53 80.8 64.0 96.0

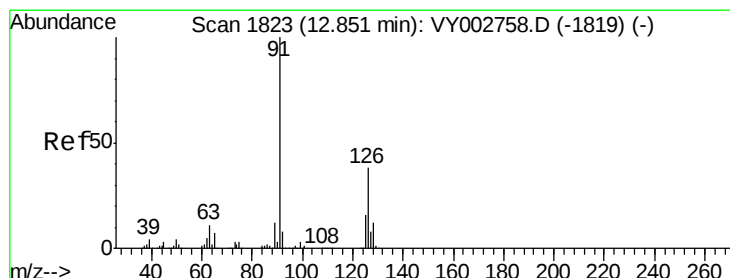
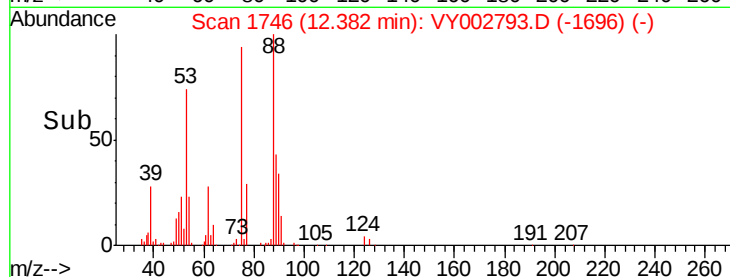
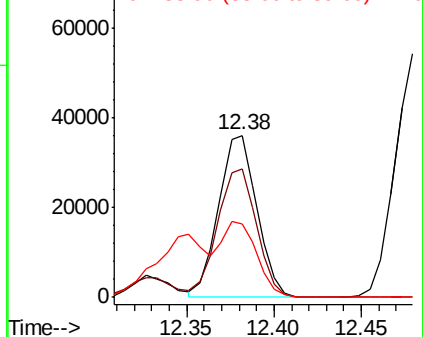
89 43.9 37.4 56.2



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: 49.619 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002793.D

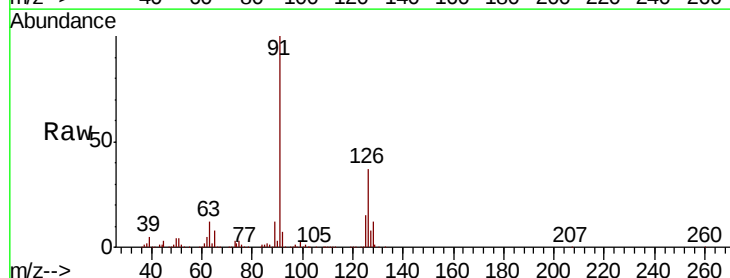
Acq: 29 May 2020 10:12

Tgt Ion: 91 Resp: 480254

Ion Ratio Lower Upper

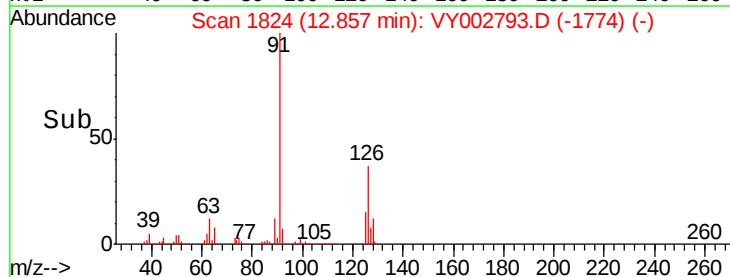
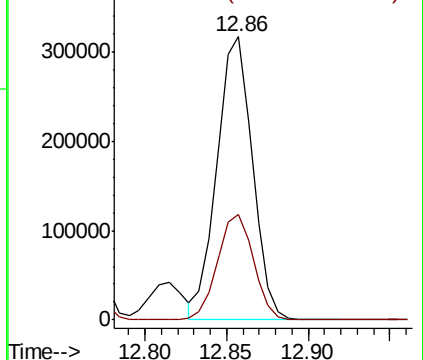
91 100

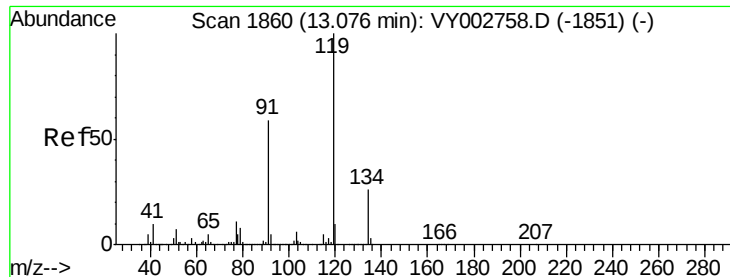
126 37.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.278 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

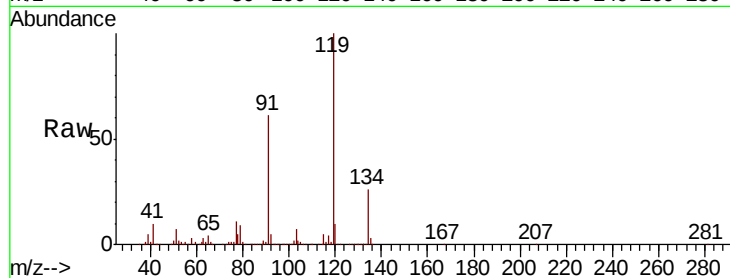
Tot Ion:119 Resp: 523267

Ion Ratio Lower Upper

119 100

91 60.4 29.8 89.4

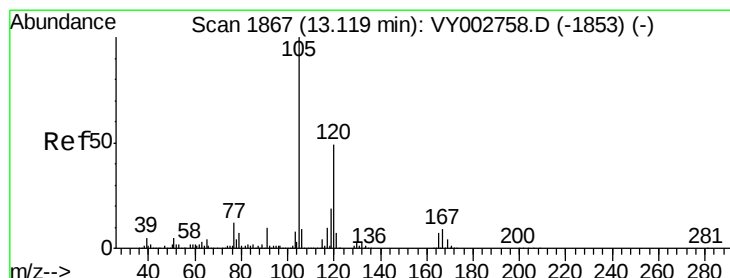
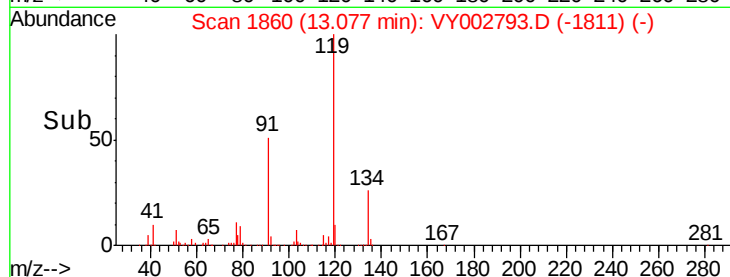
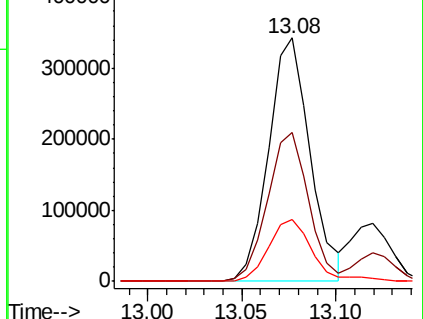
134 26.9 13.3 39.8



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: 50.081 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002793.D

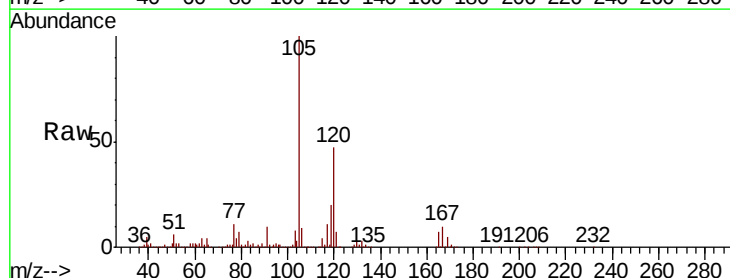
Acq: 29 May 2020 10:12

Tgt Ion:105 Resp: 599449

Ion Ratio Lower Upper

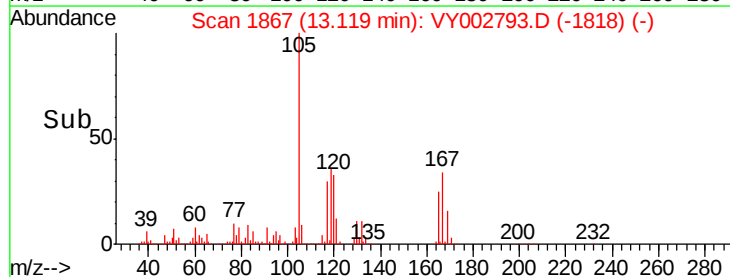
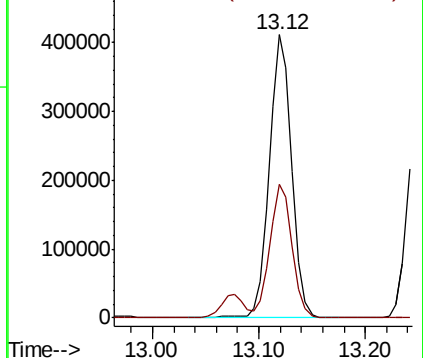
105 100

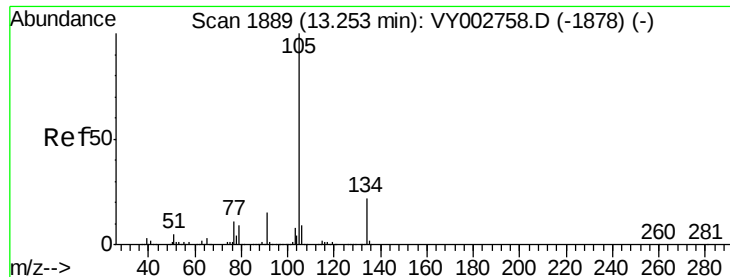
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.829 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

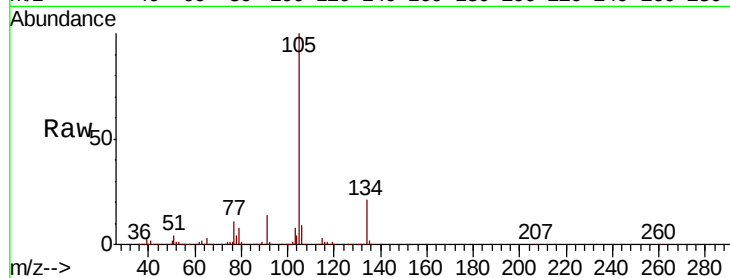
ClientSampled :

Tot Ion:105 Resp: 723463

Ion Ratio Lower Upper

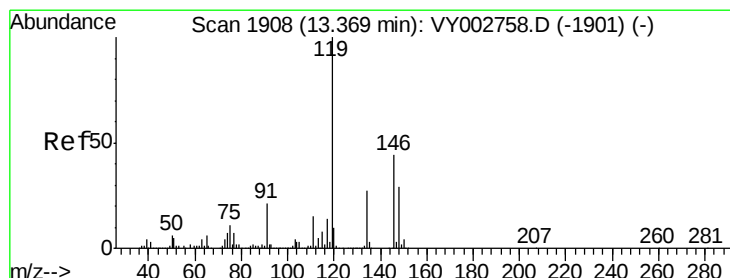
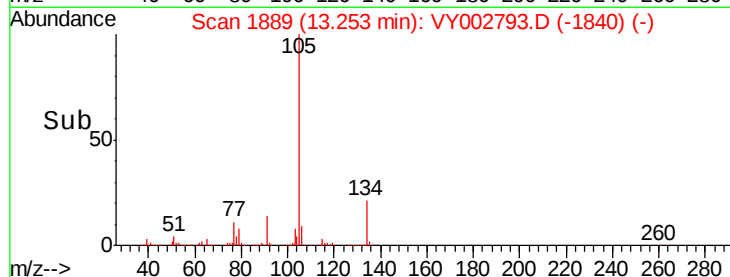
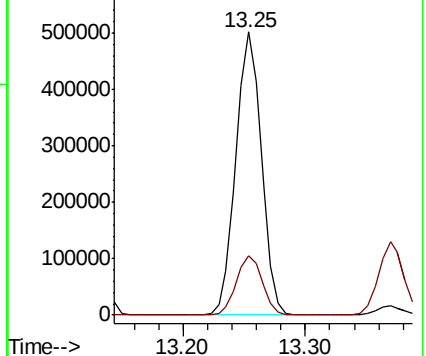
105 100

134 21.3 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: 50.498 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

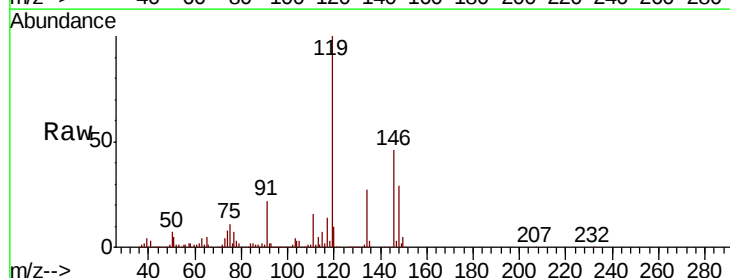
Tgt Ion:119 Resp: 682219

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

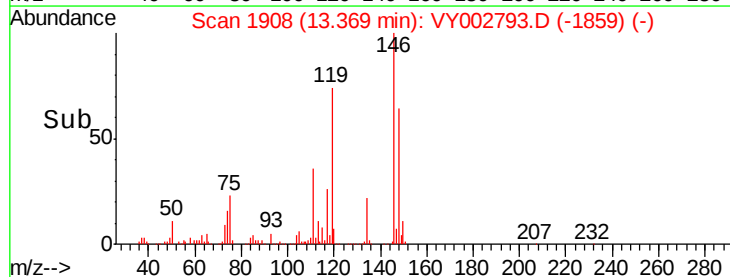
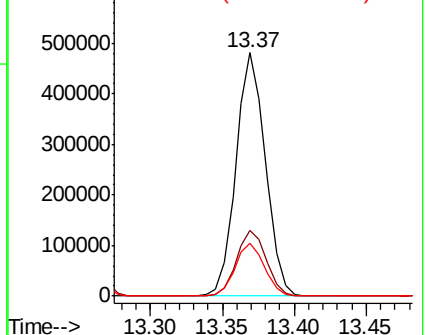
91 21.5 10.8 32.4

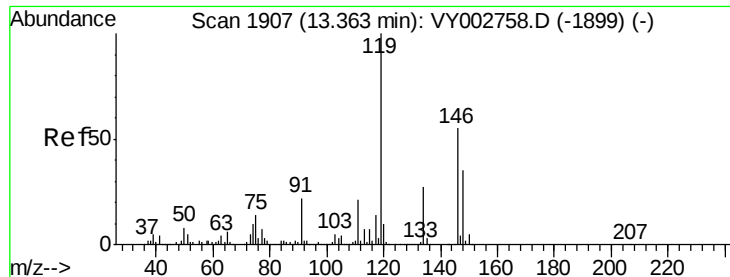


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

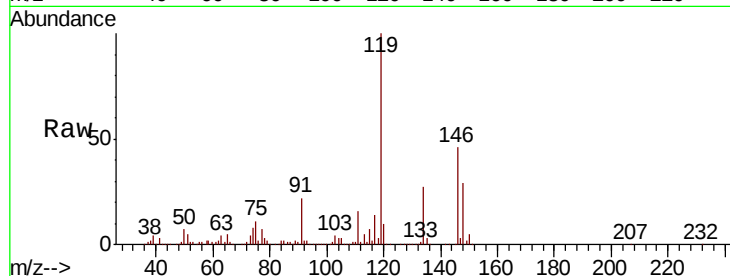




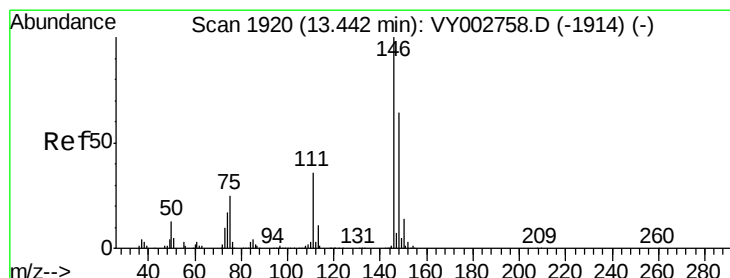
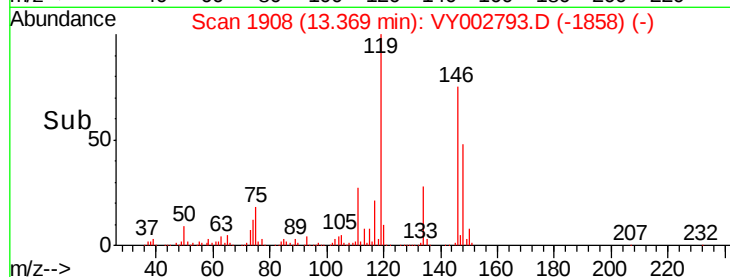
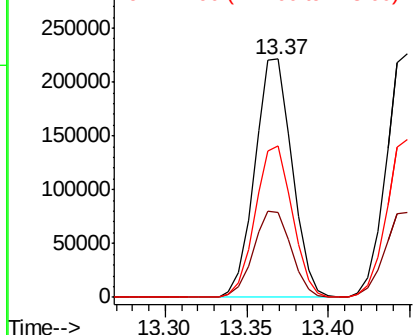
#87
 1,3-Dichlorobenzene
 Concen: 49.836 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:146 Resp: 350444
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.2 31.9 95.7

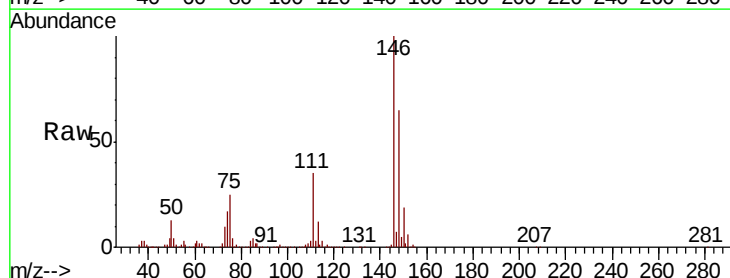


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

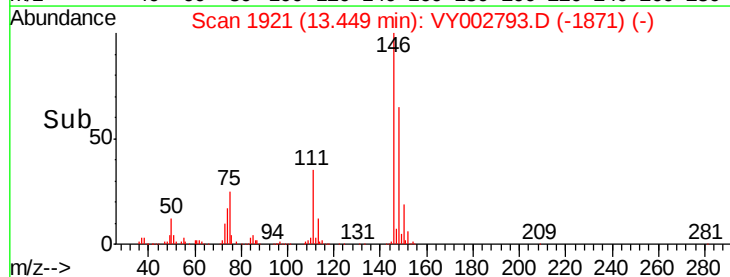
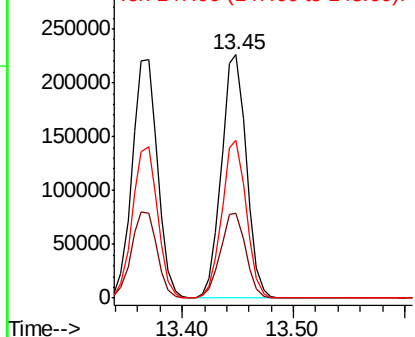


#88
 1,4-Dichlorobenzene
 Concen: 49.669 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion:146 Resp: 349389
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.3
 148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.568 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

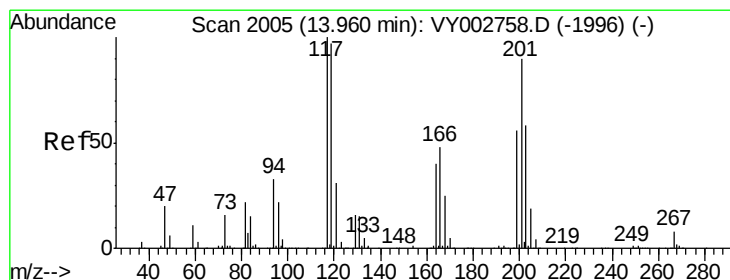
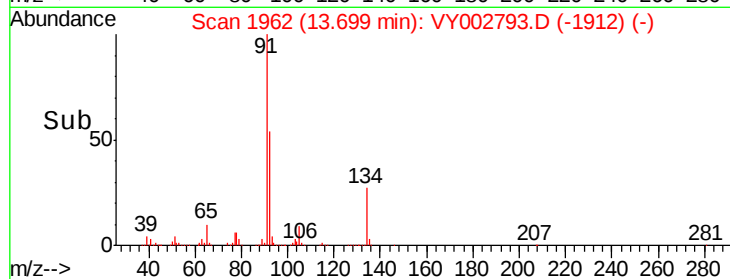
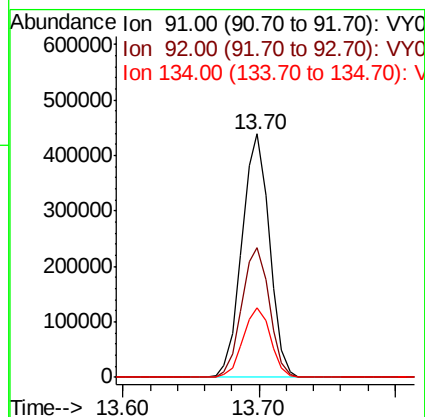
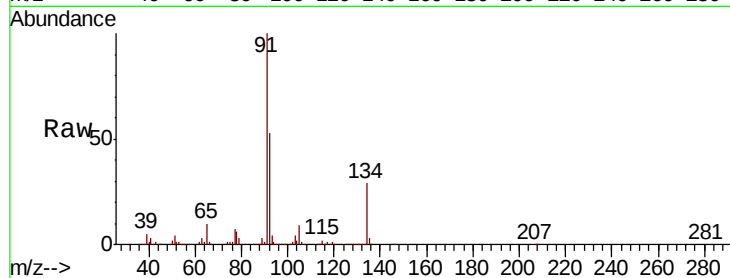
Tot Ion: 91 Resp: 620240

Ion Ratio Lower Upper

91 100

92 53.4 27.1 81.2

134 28.7 14.3 42.9



#90

Hexachloroethane

Concen: 49.825 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002793.D

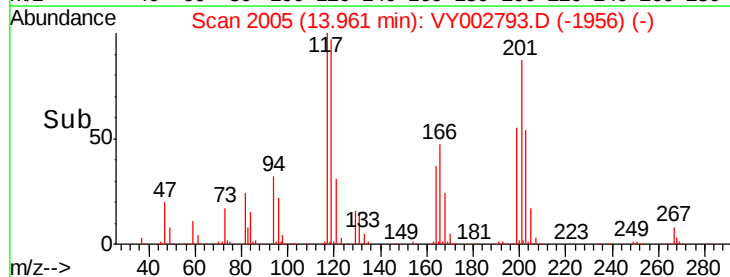
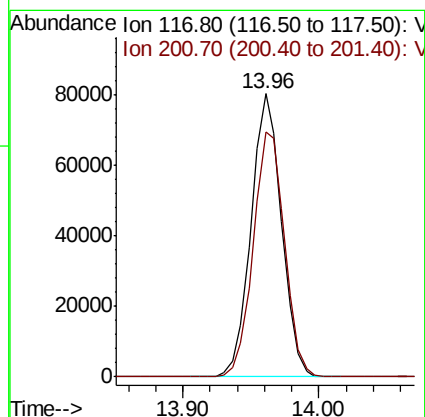
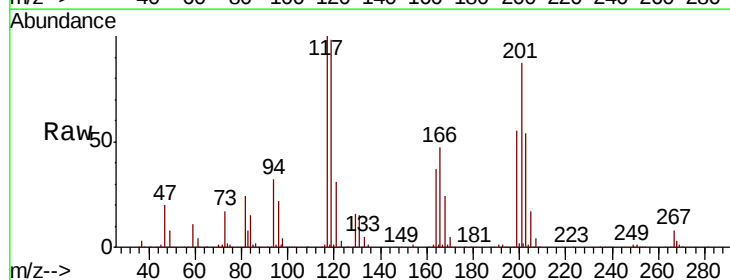
Acq: 29 May 2020 10:12

Tgt Ion: 117 Resp: 126015

Ion Ratio Lower Upper

117 100

201 89.1 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 50.231 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

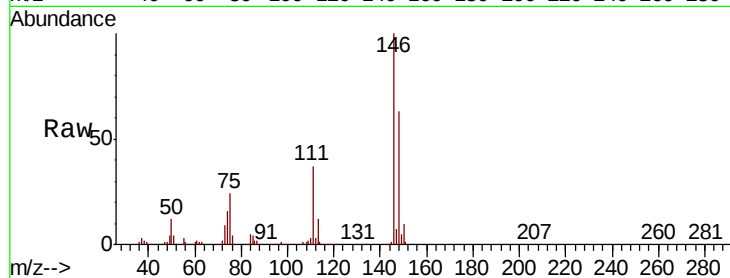
Tot Ion:146 Resp: 320340

Ion Ratio Lower Upper

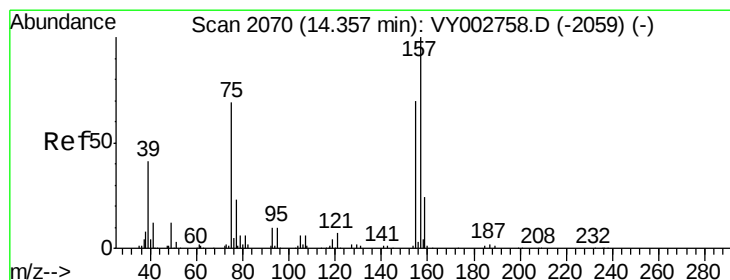
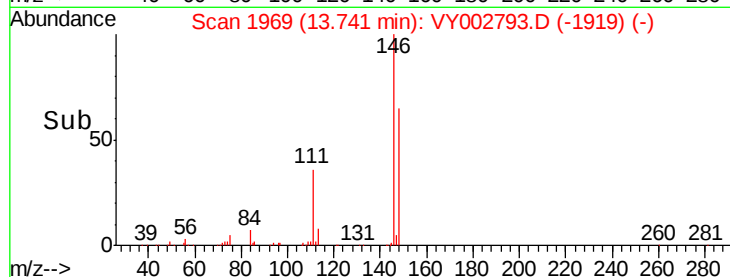
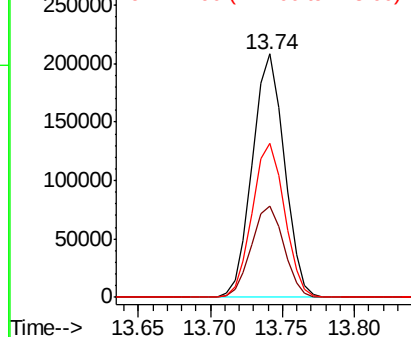
146 100

111 37.9 18.9 56.9

148 63.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.538 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002793.D

Acq: 29 May 2020 10:12

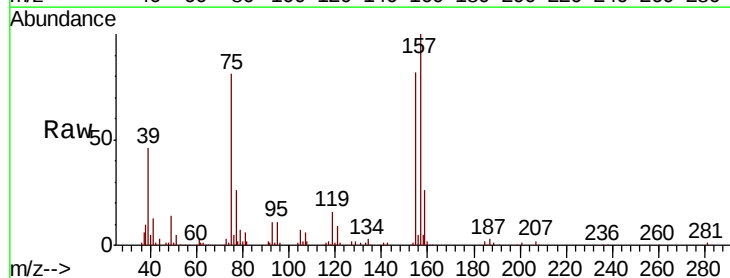
Tgt Ion: 75 Resp: 25285

Ion Ratio Lower Upper

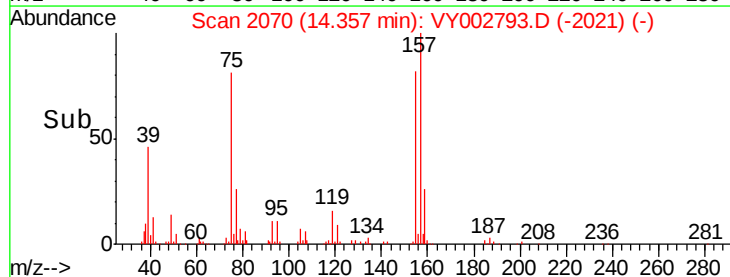
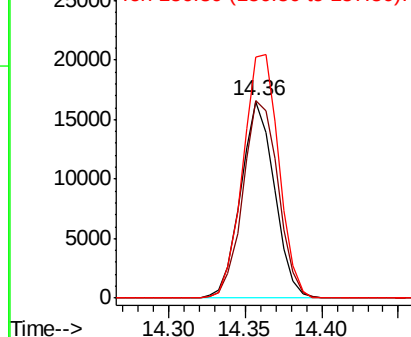
75 100

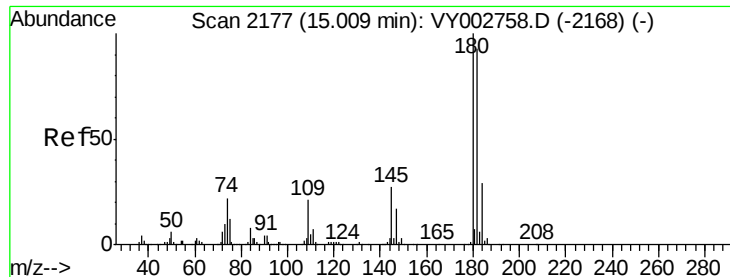
155 104.7 53.5 160.5

157 131.7 69.9 209.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

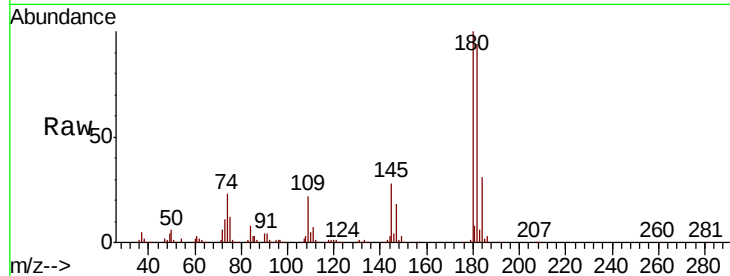




#93
 1,2,4-Trichlorobenzene
 Concen: 49.778 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	27.9	14.1	42.3

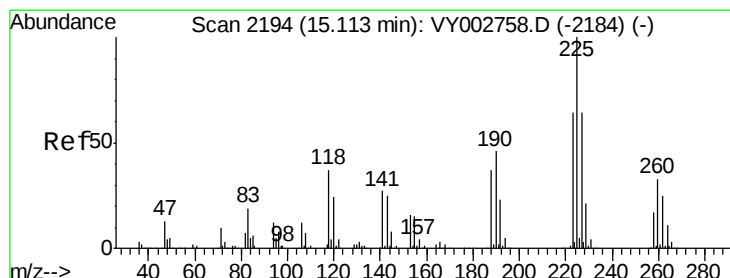
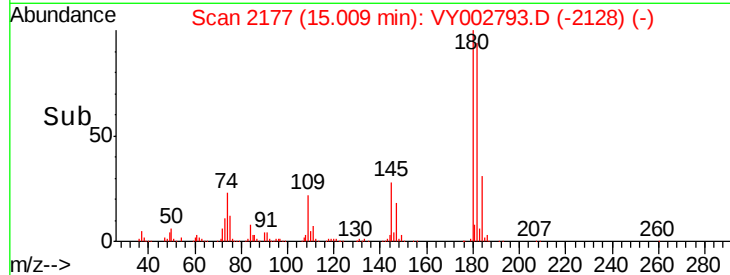
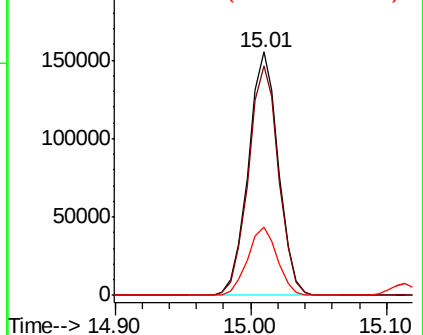


Abundance

Ion 179.80 (179.50 to 180.50): V

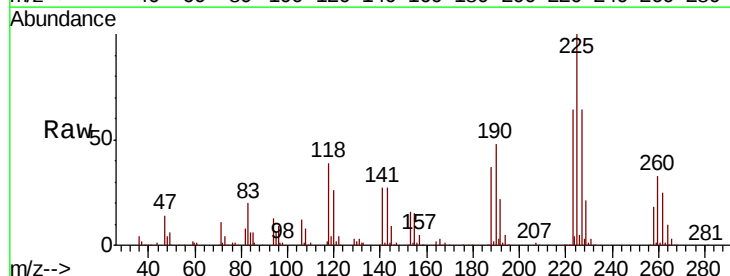
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.435 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002793.D
 Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	95.0
227	63.6	32.3	96.9

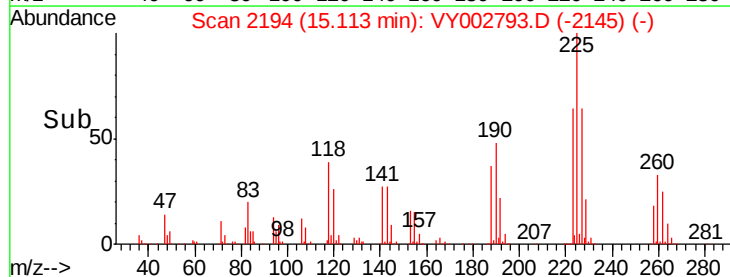
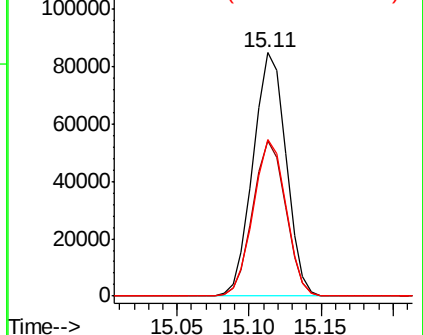


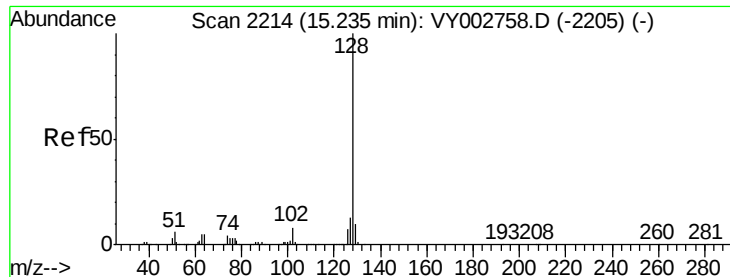
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

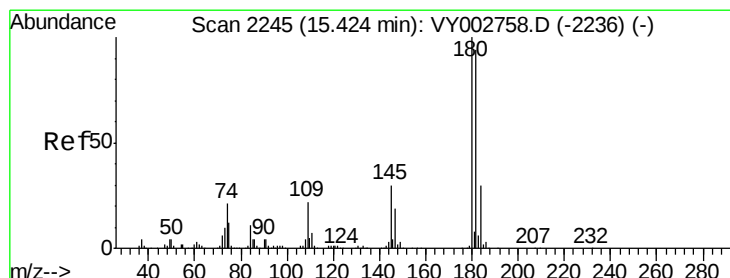
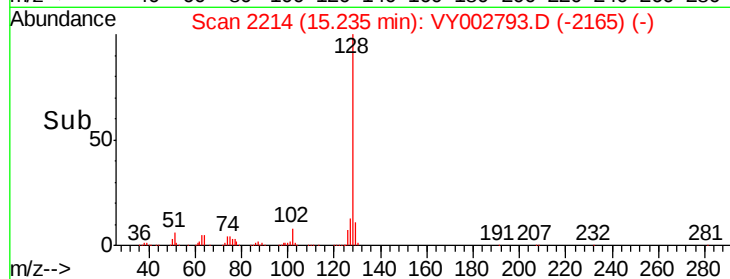
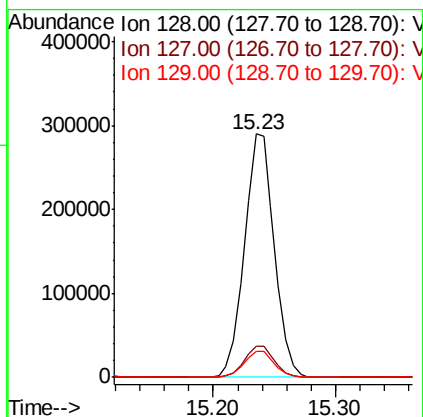
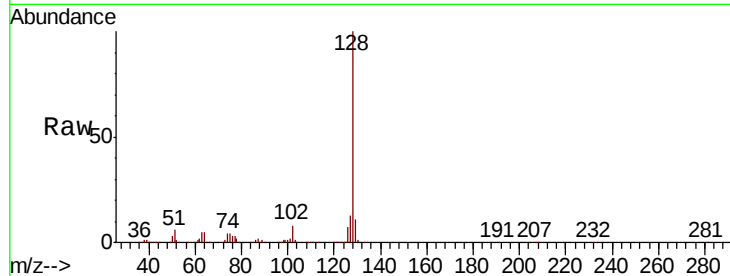




#95
Naphthalene
Concen: 50.649 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.205 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002793.D
Acq: 29 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.4
145	30.0	15.1	45.3

