

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002790.D
 Acq On : 28 May 2020 15:22
 Operator : SY/MD
 Sample : L2795-03
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 28 16:47:44 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	236648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	362330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	79562	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	99803	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	7.72	113	108145	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.18	98	384358	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.48	95	87989	29.99	ug/l	0.00
Spiked Amount			Recovery	=	59.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2992	1.661	ug/l	98
11) Tert butyl alcohol	4.96	59	49573	223.096	ug/l	98
13) Acrolein	3.74	56	396	1.645	ug/l #	15
14) Allyl chloride	4.43	41	7127	2.468	ug/l #	32
15) Acrylonitrile	5.17	53	5472	9.213	ug/l	99
16) Acetone	3.95	43	910519	1889.765	ug/l	100
20) Methylene Chloride	4.72	84	17046	7.239	ug/l	98
23) Vinyl Acetate	6.20	43	4096	1.034	ug/l #	68
25) 2-Butanone	6.99	43	290013	386.339	ug/l	100
29) Tetrahydrofuran	7.35	42	2789	5.712	ug/l #	80
31) Cyclohexane	7.79	56	7272	2.087	ug/l #	28
36) 1,1-Dichloropropene	7.79	75	14896	4.880	ug/l #	49
37) Ethyl Acetate	6.99	43	290013	174.642	ug/l #	67
38) Carbon Tetrachloride	7.79	117	20383	6.012	ug/l #	16
40) Benzene	8.16	78	28792	3.193	ug/l	98
41) Methacrylonitrile	7.36	41	3114	3.491	ug/l #	28
43) Isopropyl Acetate	8.39	43	7416	2.357	ug/l #	50
48) Methyl methacrylate	9.27	41	5176	3.644	ug/l #	37
49) 1,4-Dioxane	9.13	88	63	3.194	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	52414	31.454	ug/l	99
52) Toluene	10.24	92	207408	35.155	ug/l	100
59) 2-Hexanone	10.83	43	63186	53.443	ug/l	95
67) Ethyl Benzene	11.59	91	61115	7.188	ug/l	100
68) m/p-Xylenes	11.70	106	94301	28.608	ug/l	98
69) o-Xylene	12.03	106	30939	9.942	ug/l	97
74) N-amyl acetate	12.10	43	53173	40.645	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	40831	56.954	ug/l #	100
78) n-propylbenzene	12.67	91	16609	2.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	13149	3.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	360167	946.503	ug/l #	27
83) tert-Butylbenzene	13.12	119	7464	1.966	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.12	105	77864	18.190	ug/l	84
85) sec-Butylbenzene	13.12	105	77864	14.996	ug/l #	54
86) p-Isopropyltoluene	13.37	119	48219	9.980	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

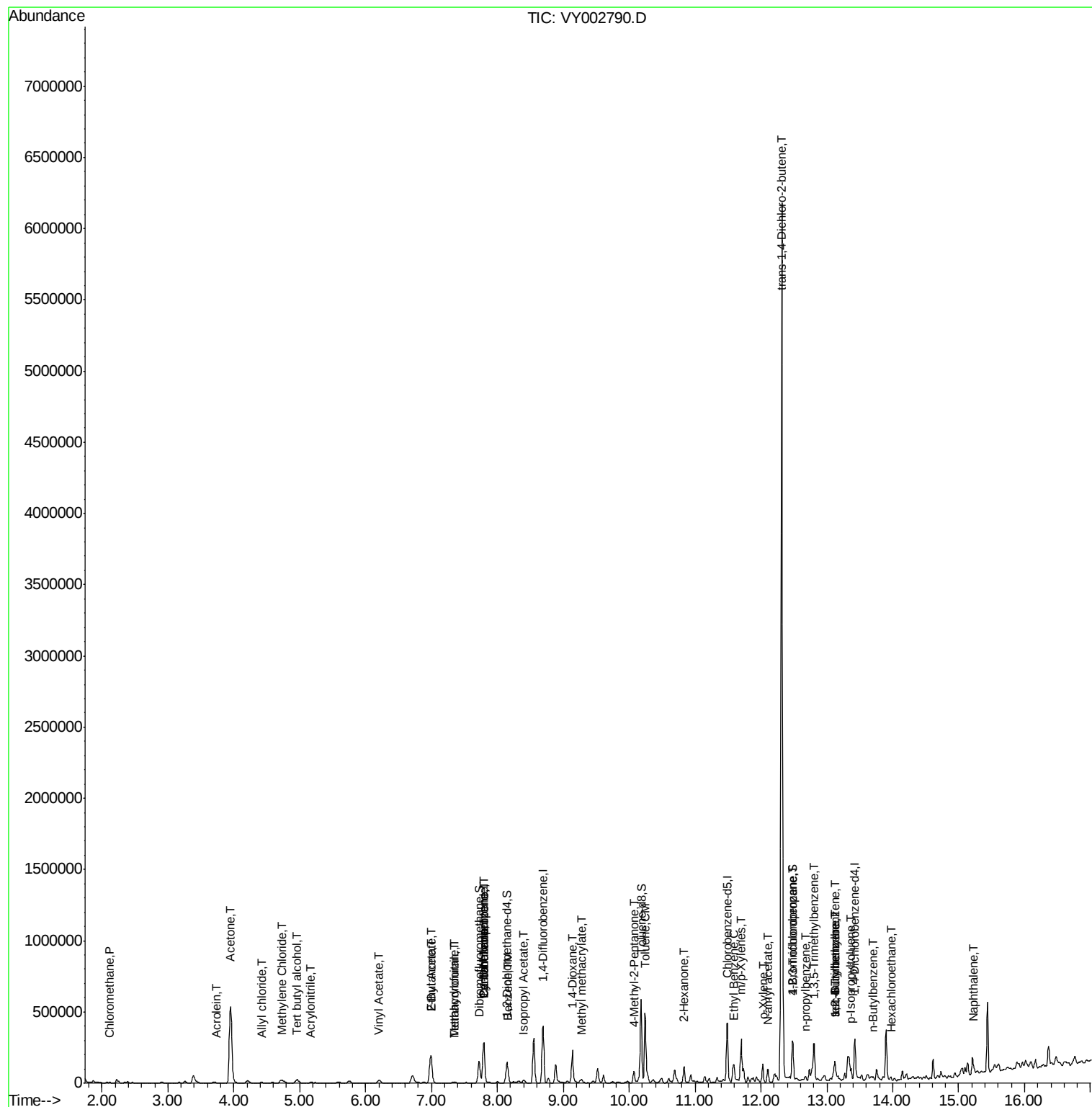
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.69	91	4488	1.023	ug/l #	67
90) Hexachloroethane	13.97	117	1105	1.222	ug/l #	6
95) Naphthalene	15.23	128	25148	7.296	ug/l #	91

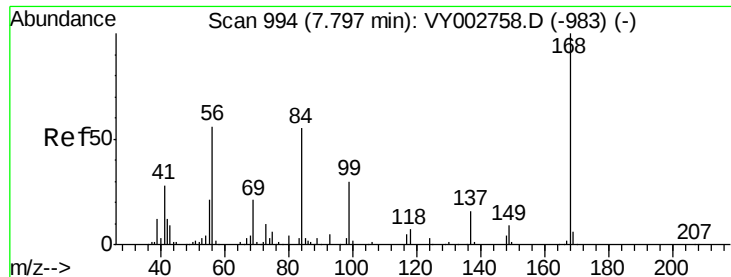
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

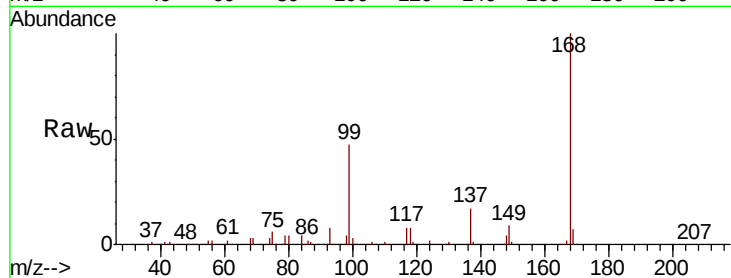
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 236648

Ion Ratio Lower Upper

168 100

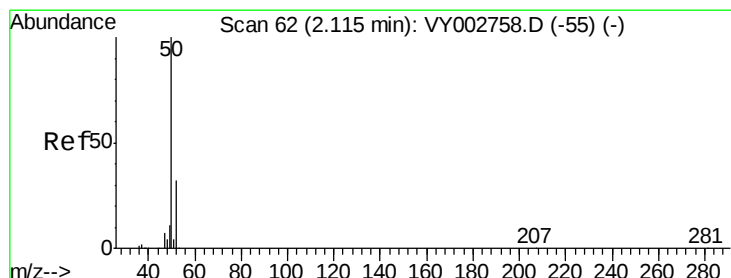
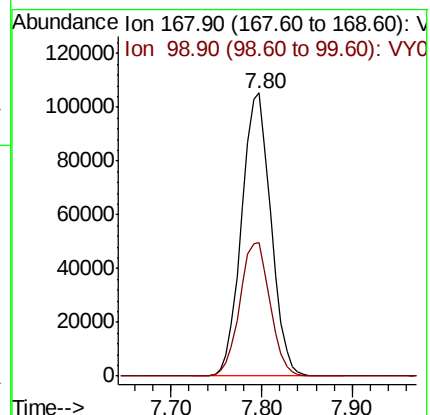
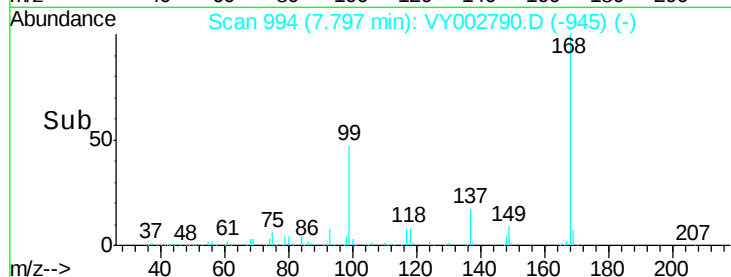
99 47.1 39.0 58.4



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



#3

Chloromethane

Concen: 1.661 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002790.D

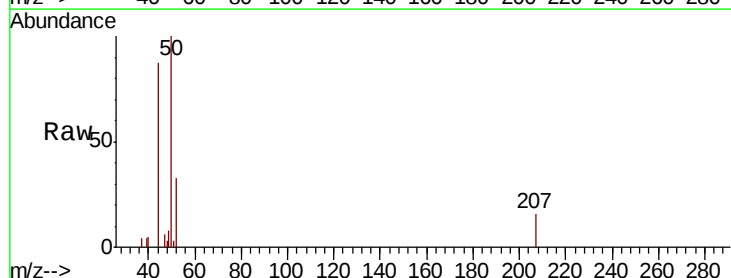
Acq: 28 May 2020 15:22

Tgt Ion: 50 Resp: 2992

Ion Ratio Lower Upper

50 100

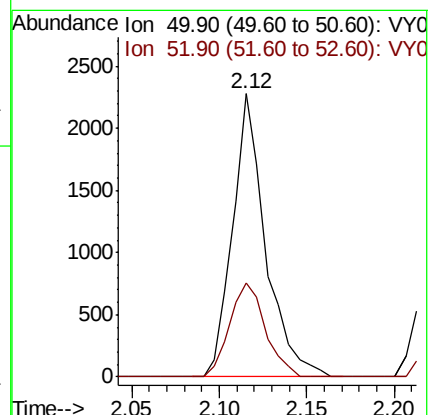
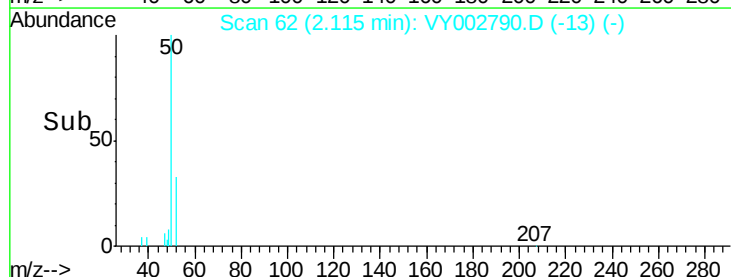
52 33.2 25.8 38.6

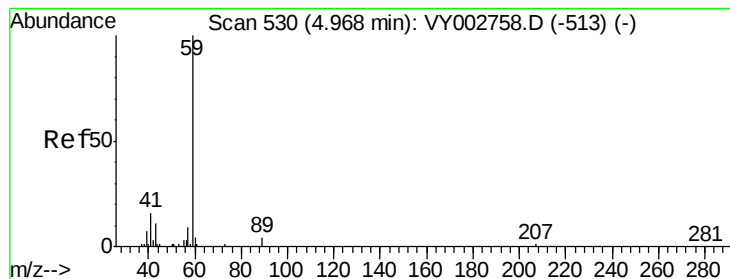


Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12



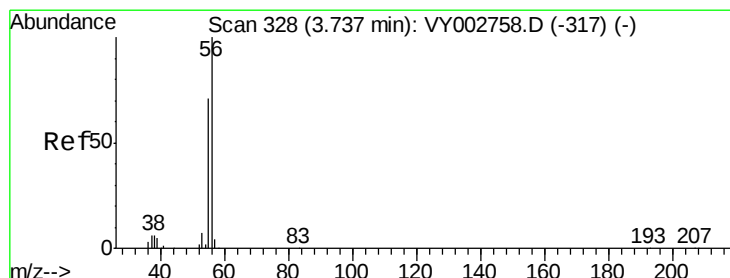
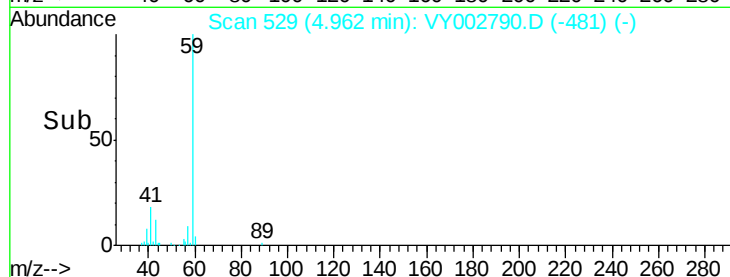
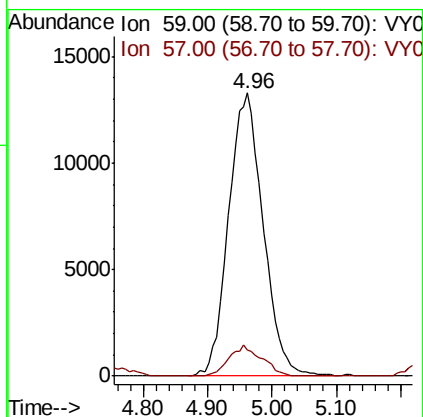
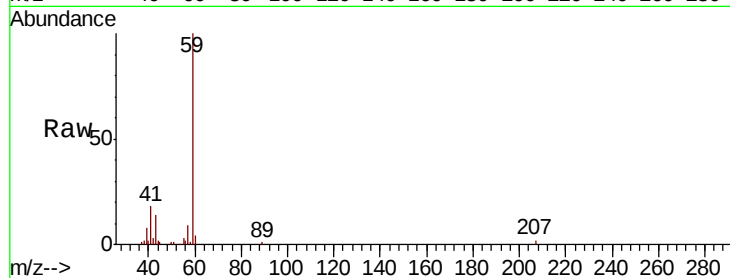


#11

Tert butyl alcohol
 Concen: 223.096 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Instrument :
 MSVOA_Y
 ClientSampled :

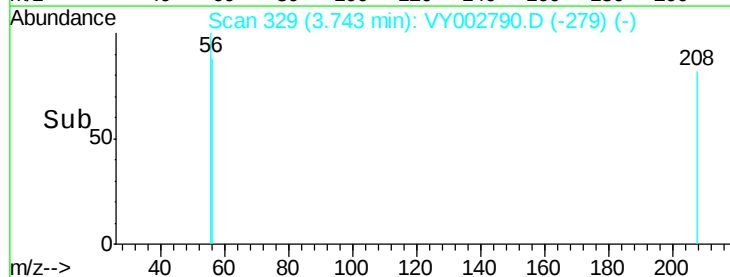
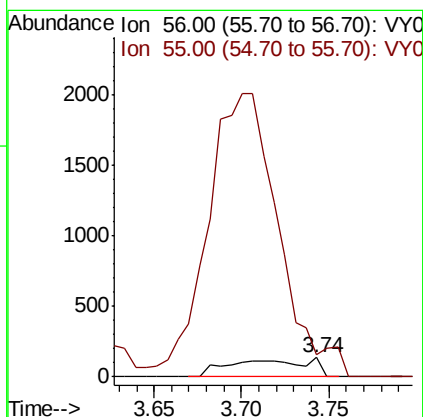
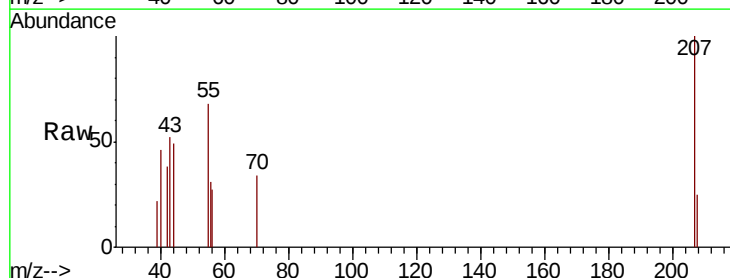
Tot Ion: 59 Resp: 49573
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.7 11.5

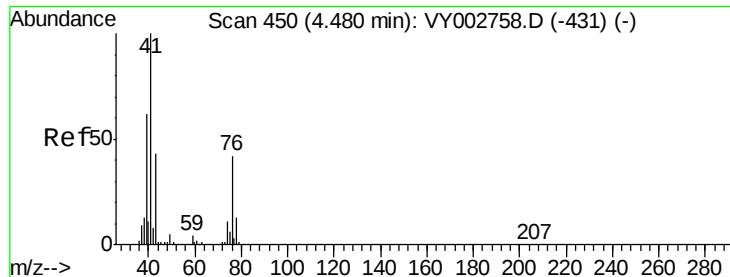


#13

Acrolein
 Concen: 1.645 ug/l
 RT: 3.74 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Tgt Ion: 56 Resp: 396
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.0 84.0#

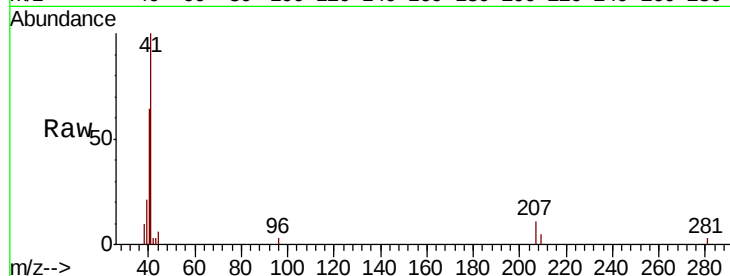




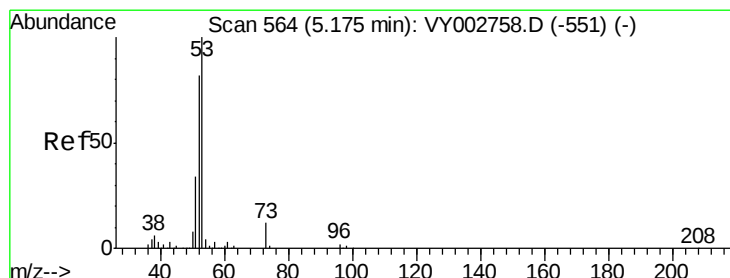
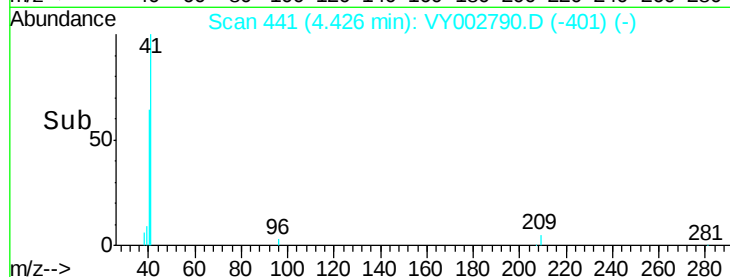
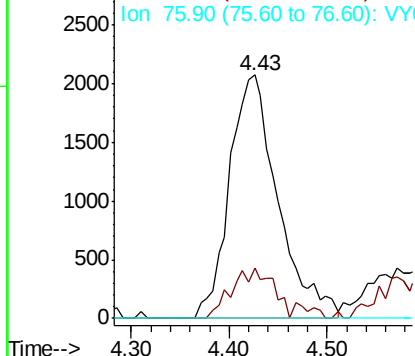
#14
Allvl chloride
Concen: 2.468 ug/l
RT: 4.43 min Scan# 441
Delta R.T. -0.05 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 7127
Ion Ratio Lower Upper
41 100
39 8.4 49.9 74.9#
76 0.0 33.2 49.8#

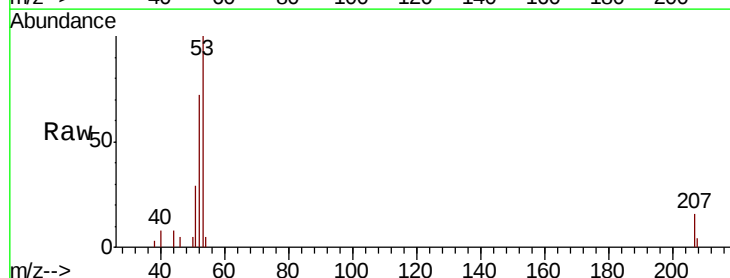


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0

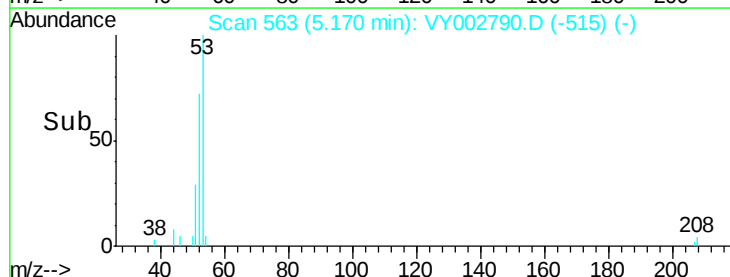
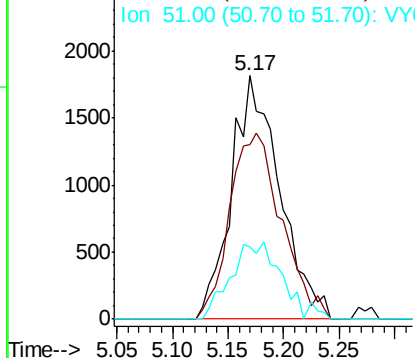


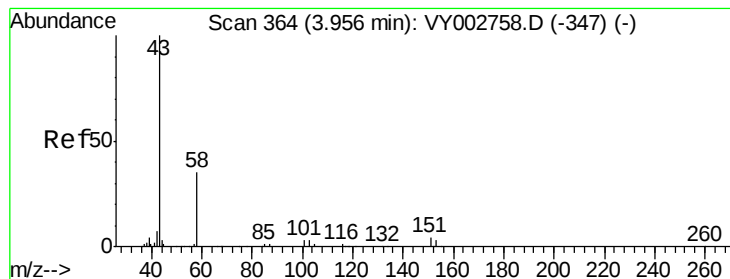
#15
Acrylonitrile
Concen: 9.213 ug/l
RT: 5.17 min Scan# 563
Delta R.T. -0.01 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Tgt Ion: 53 Resp: 5472
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 33.4 28.0 42.0



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





#16

Acetone

Concen: 1889.765 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

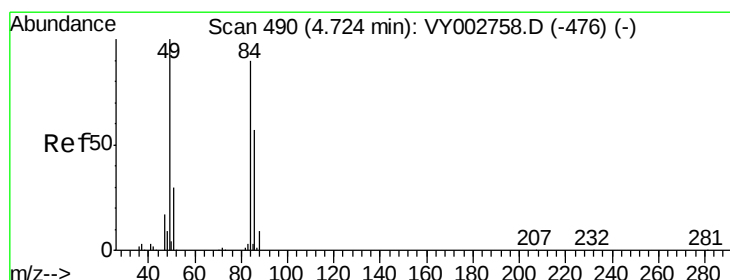
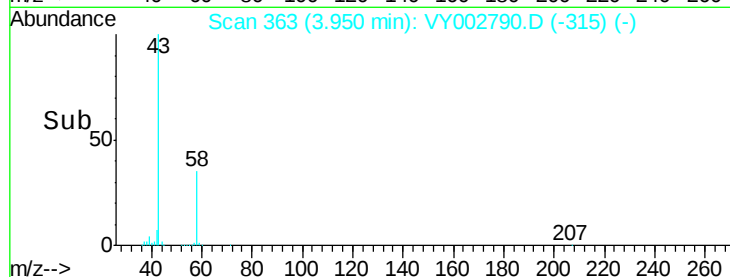
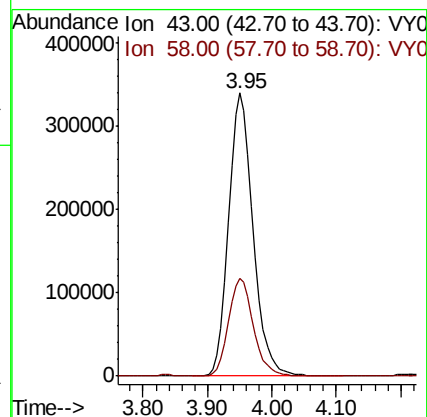
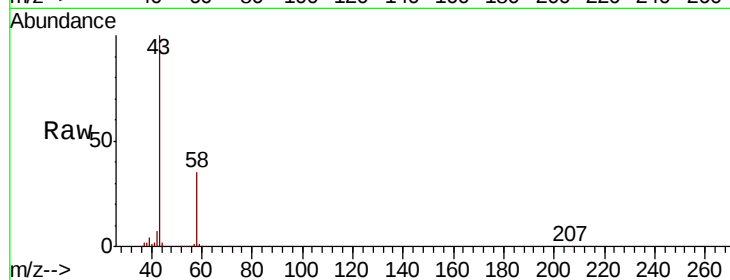
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 910519

Ion Ratio Lower Upper

43 100

58 34.7 27.7 41.5



#20

Methylene Chloride

Concen: 7.239 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Tgt Ion: 84 Resp: 17046

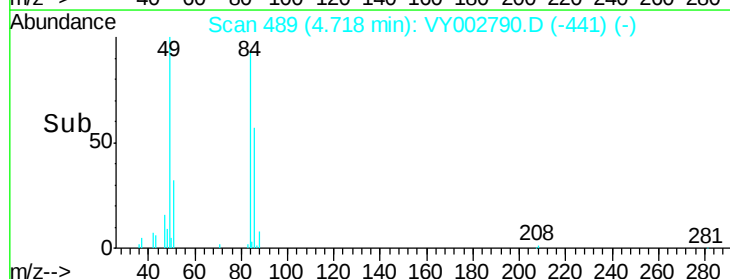
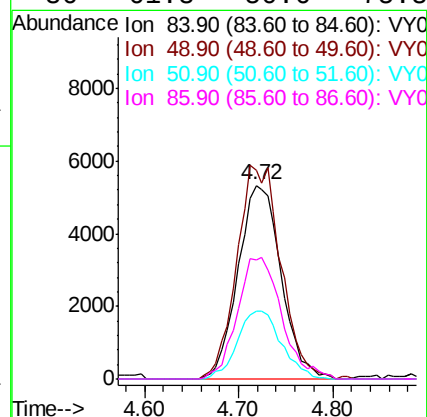
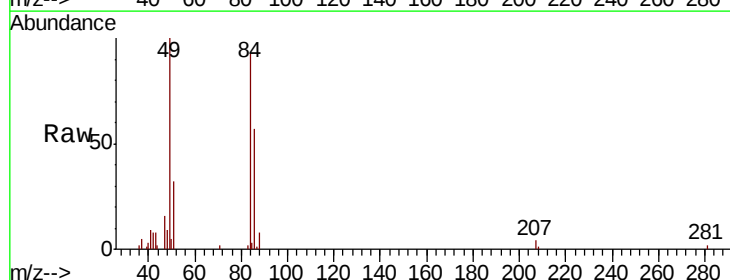
Ion Ratio Lower Upper

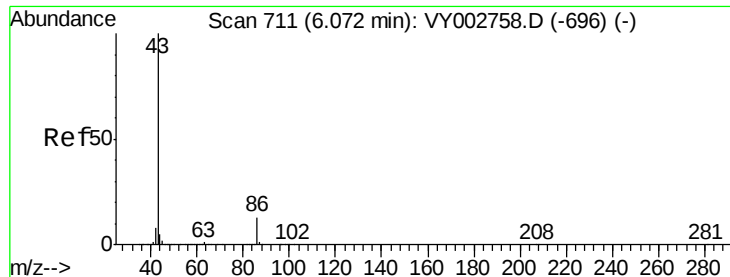
84 100

49 107.8 88.5 132.7

51 34.8 26.8 40.2

86 61.8 50.6 75.8





#23

Vinyl Acetate

Concen: 1.034 ug/l

RT: 6.20 min Scan# 732

Delta R.T. 0.13 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

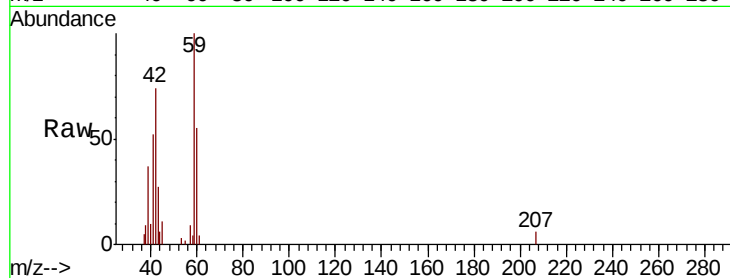
ClientSampleId :

Tot Ion: 43 Resp: 4096

Ion Ratio Lower Upper

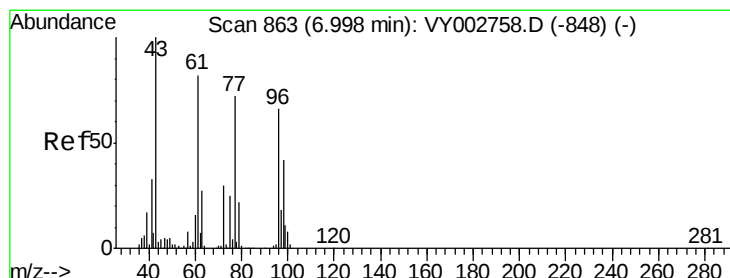
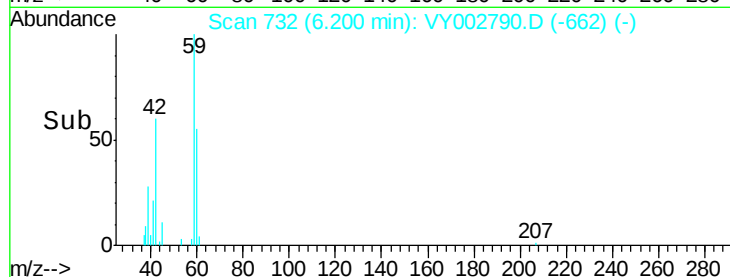
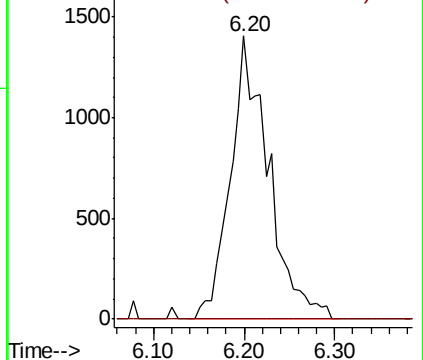
43 100

86 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#25

2-Butanone

Concen: 386.339 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002790.D

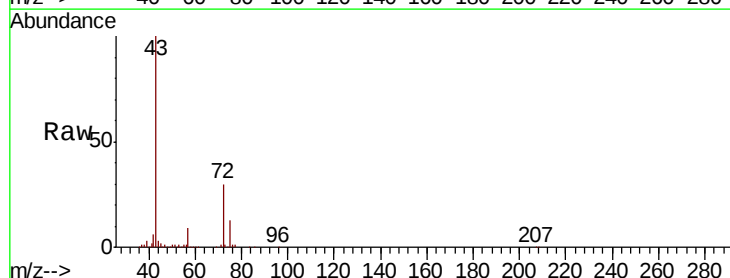
Acq: 28 May 2020 15:22

Tgt Ion: 43 Resp: 290013

Ion Ratio Lower Upper

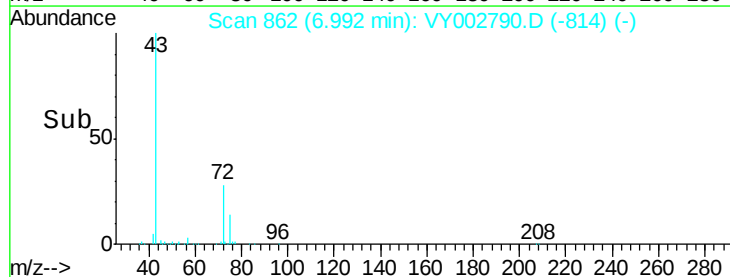
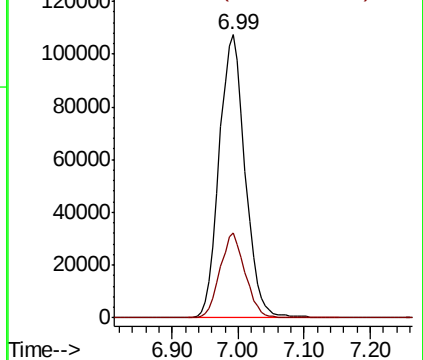
43 100

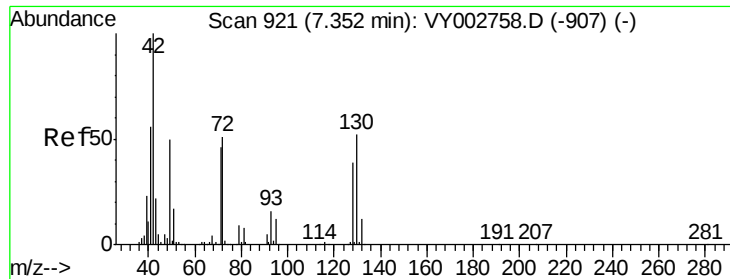
72 30.1 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

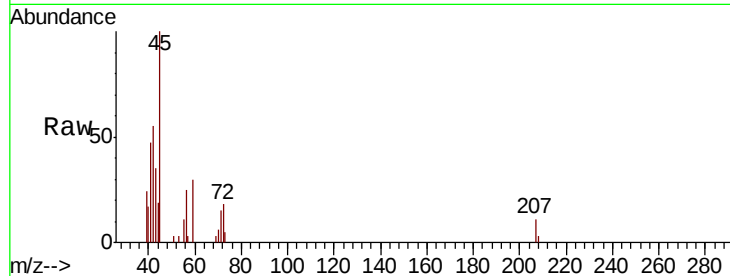




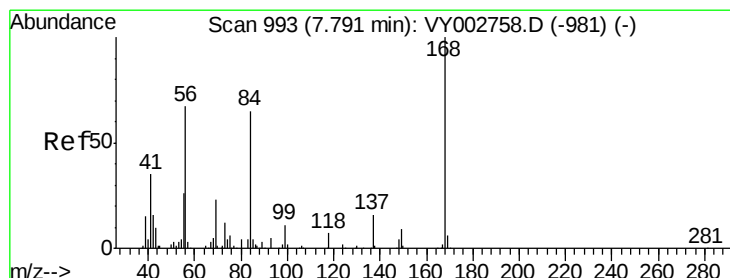
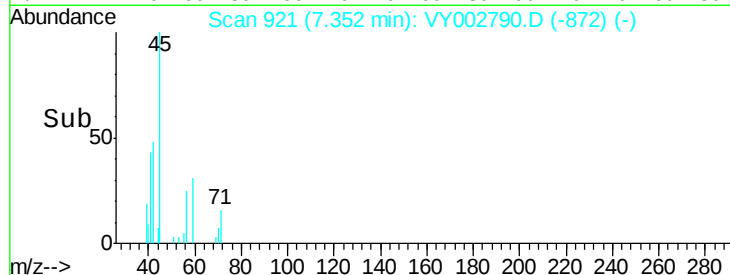
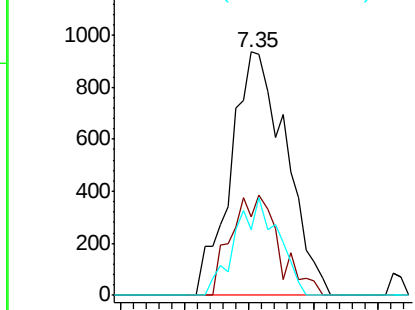
#29
Tetrahydrofuran
Concen: 5.712 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 2789
Ion Ratio Lower Upper
42 100
72 35.6 38.6 58.0#
71 31.2 35.8 53.8#

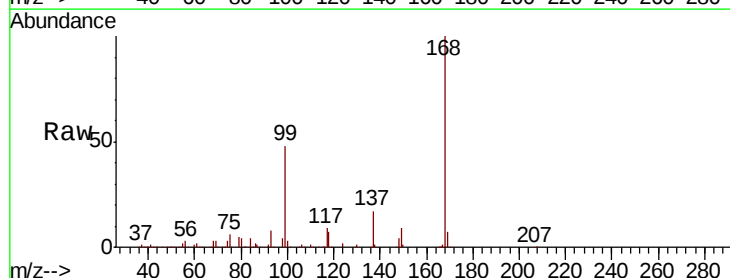


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

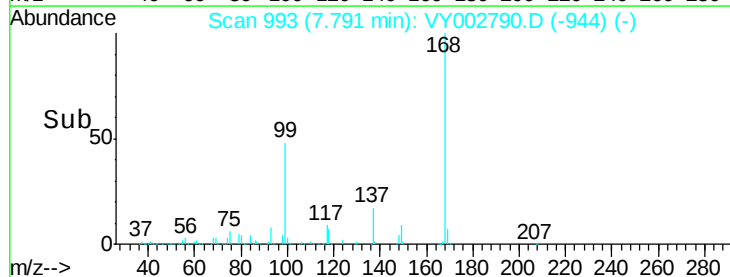
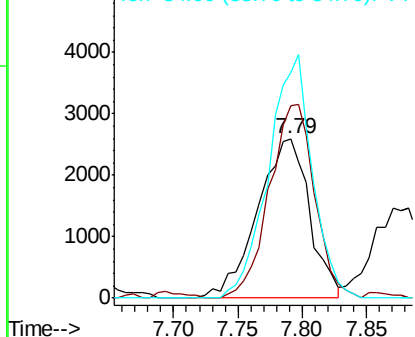


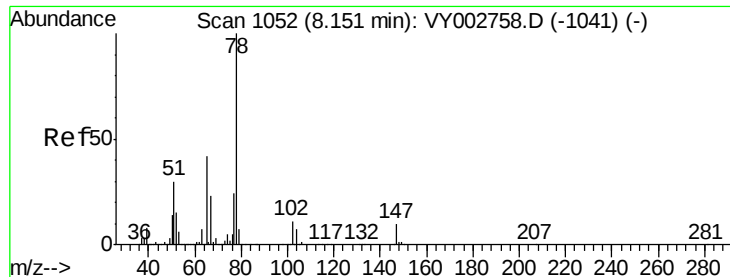
#31
Cyclohexane
Concen: 2.087 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Tgt Ion: 56 Resp: 7272
Ion Ratio Lower Upper
56 100
69 118.4 28.0 42.0#
84 142.0 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

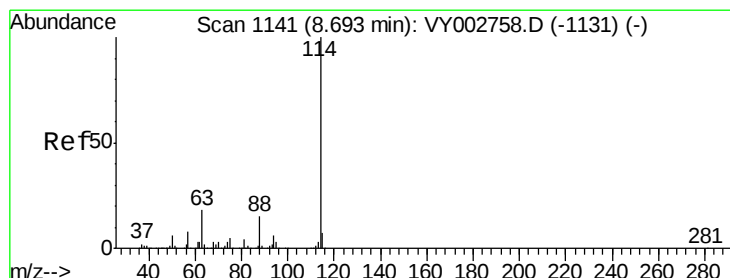
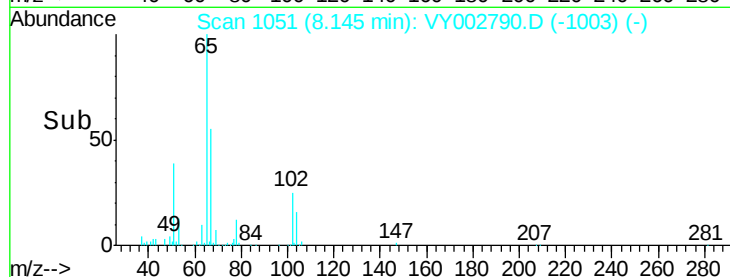
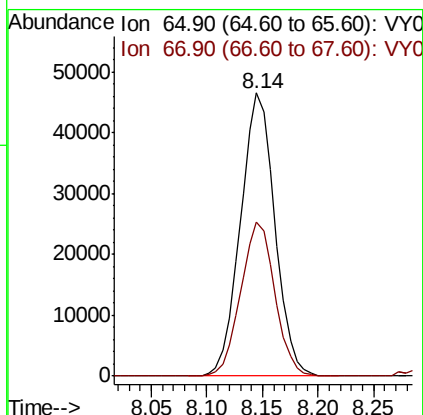
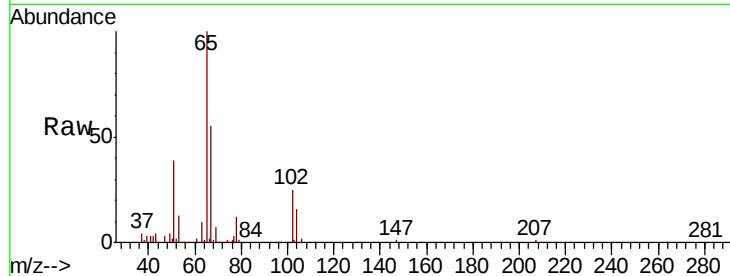




#33
 1,2-Dichloroethane-d4
 Concen: 48.571 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

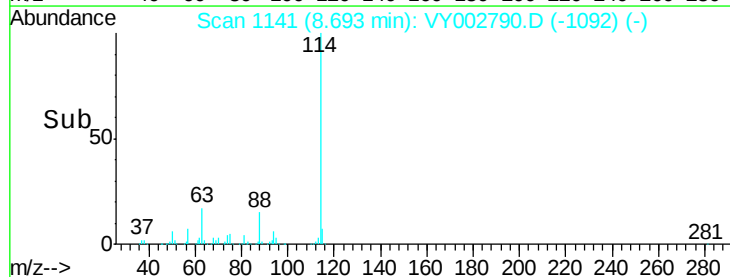
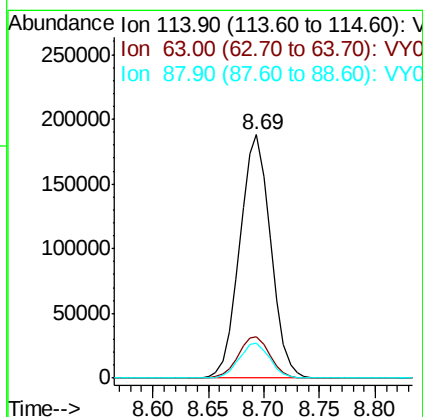
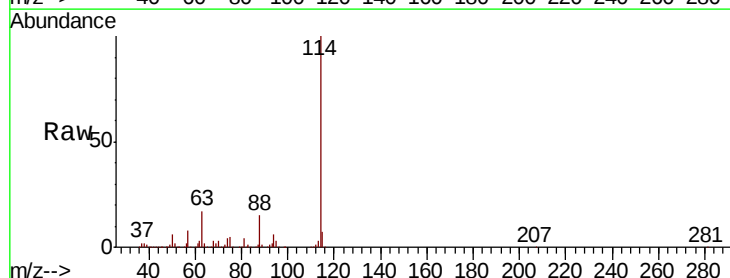
Instrument :
 MSVOA_Y
 ClientSampled :

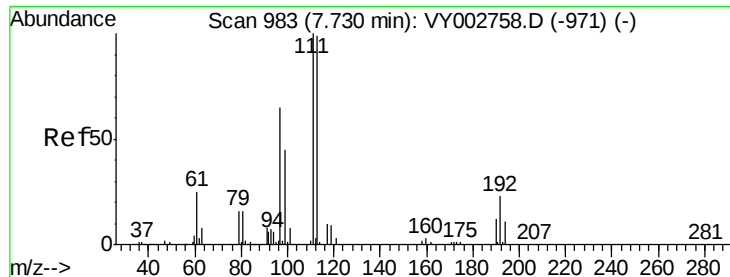
Tot Ion: 65 Resp: 99803
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Tgt Ion: 114 Resp: 362330
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.2
 88 14.5 0.0 29.2

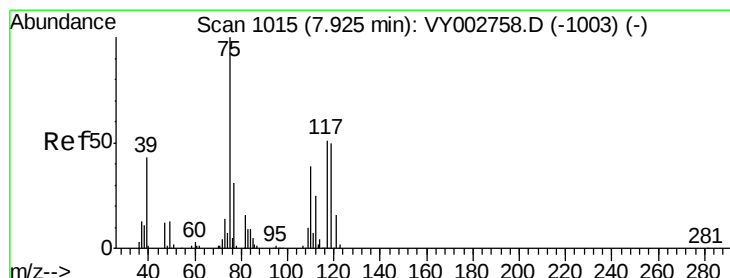
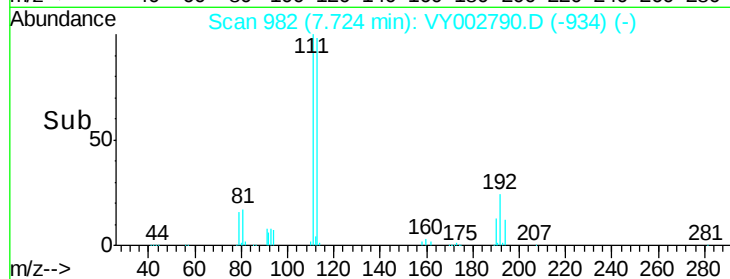
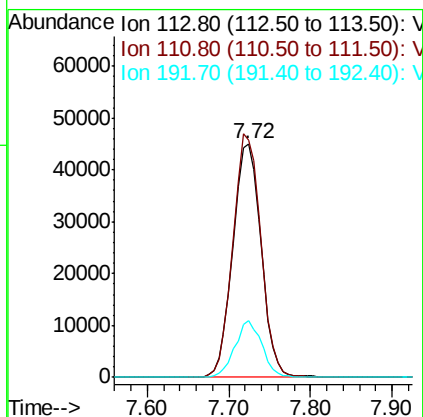
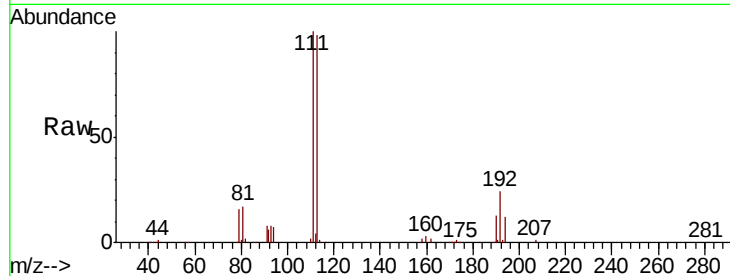




#35
 Dibromofluoromethane
 Concen: 50.929 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

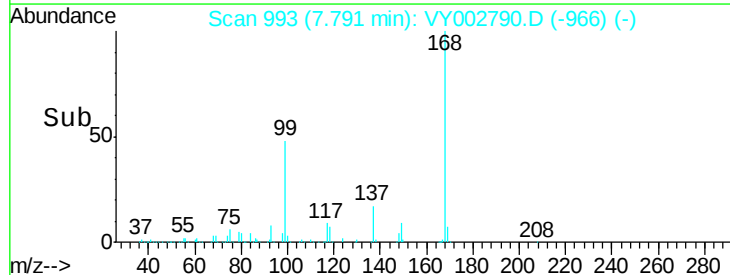
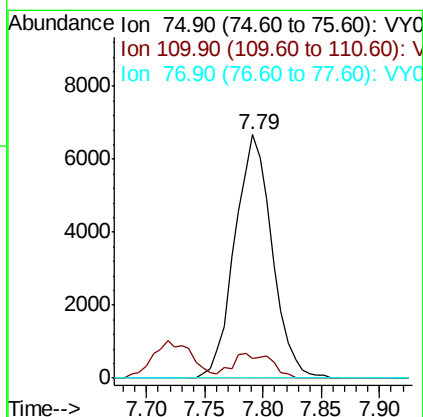
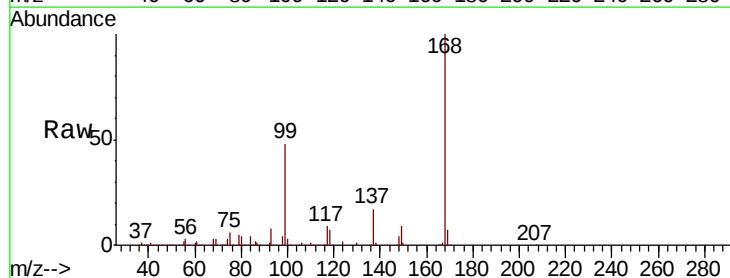
Instrument :
 MSVOA_Y
 ClientSampleId :

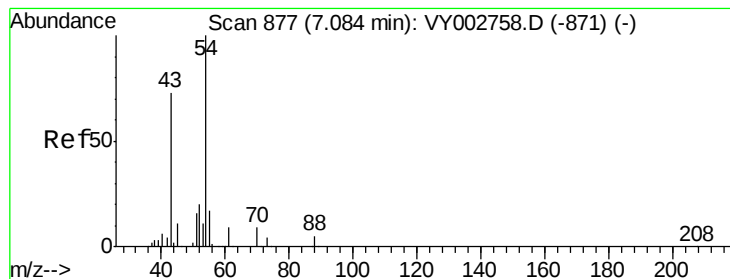
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.0	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.880 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.3	57.9#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 174.642 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.09 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

ClientSampled :

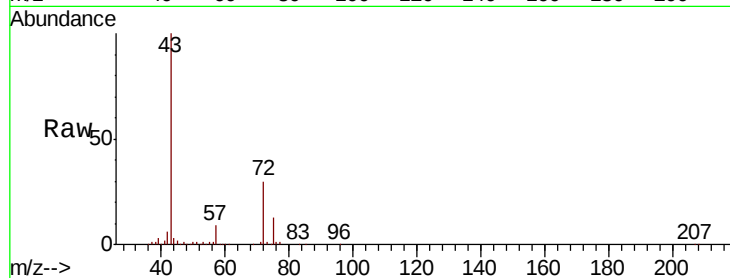
Tot Ion: 43 Resp: 290013

Ion Ratio Lower Upper

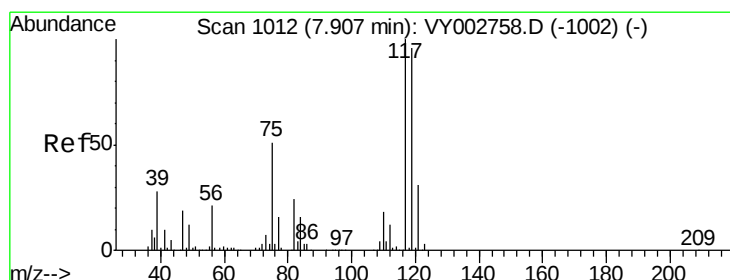
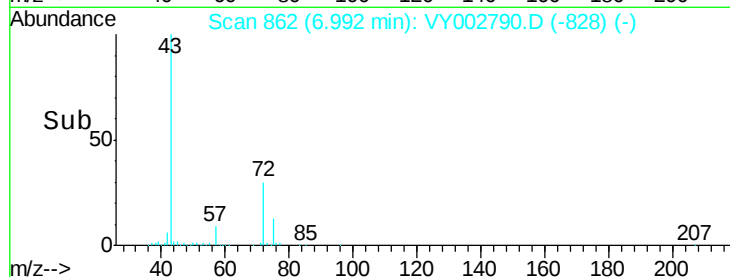
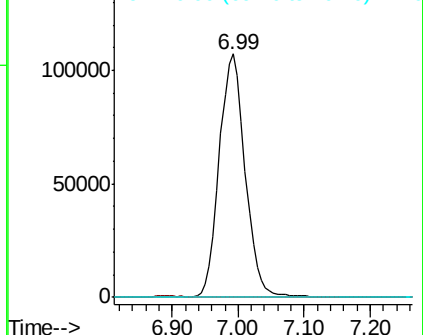
43 100

61 0.4 11.9 17.9#

70 0.0 9.1 13.7#



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



#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

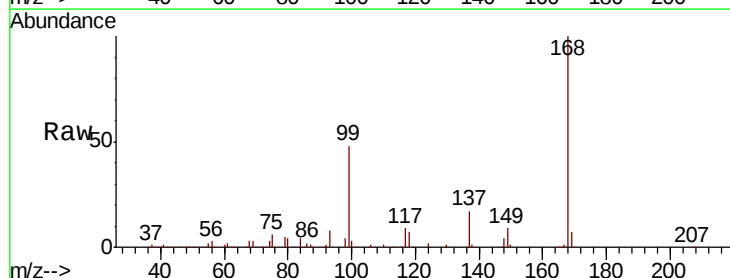
Tgt Ion: 117 Resp: 20383

Ion Ratio Lower Upper

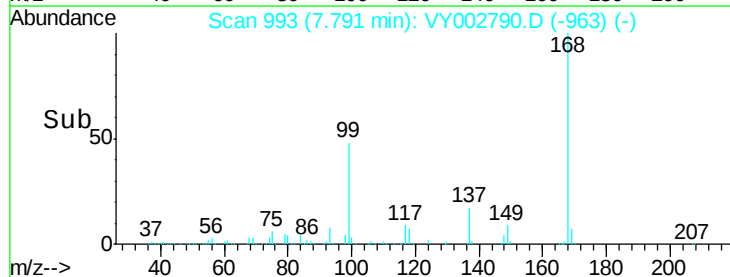
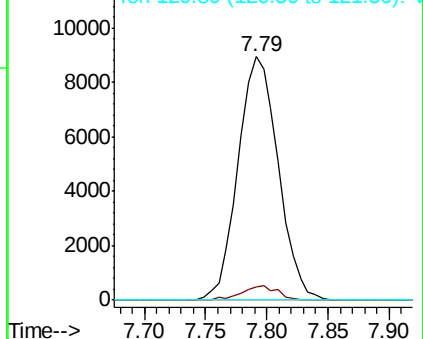
117 100

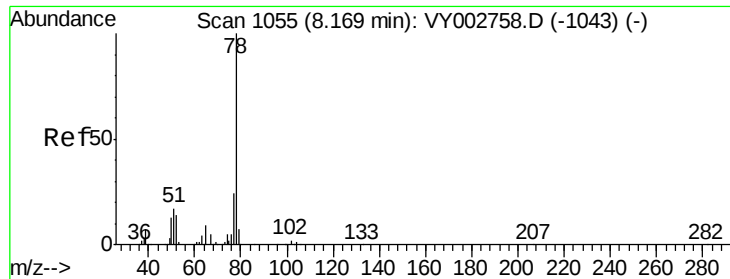
119 5.3 76.8 115.2#

121 0.0 24.8 37.2#



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





#40

Benzene

Concen: 3.193 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

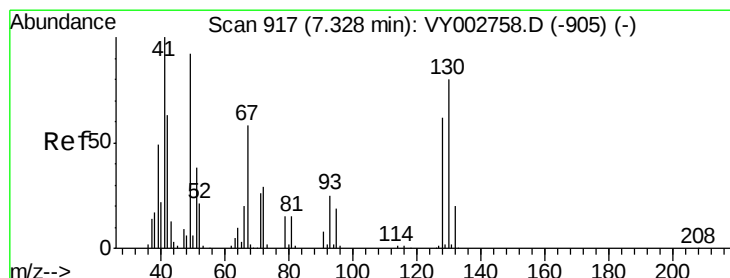
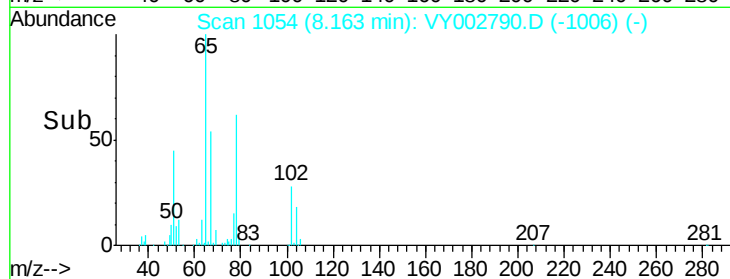
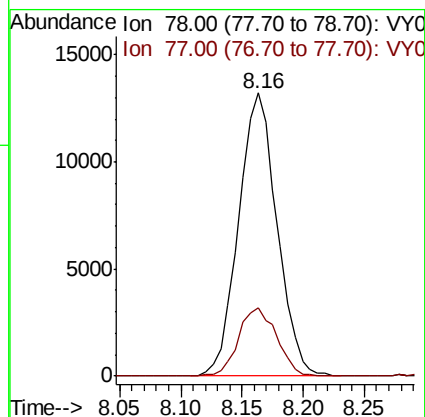
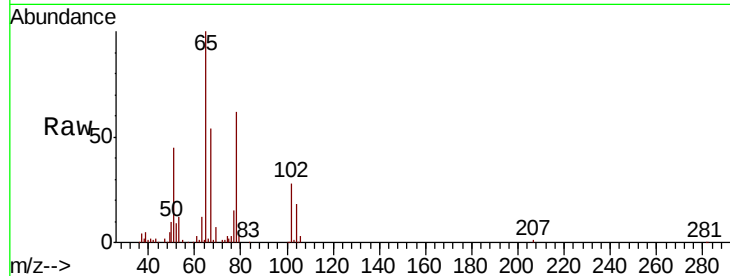
ClientSampled :

Tot Ion: 78 Resp: 28792

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2



#41

Methacrylonitrile

Concen: 3.491 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.03 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Tgt Ion: 41 Resp: 3114

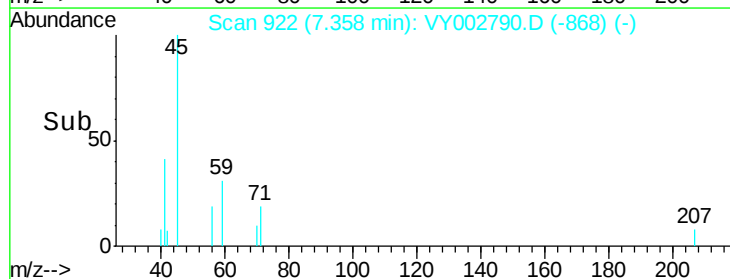
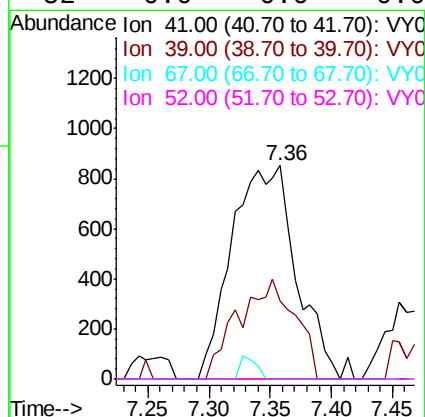
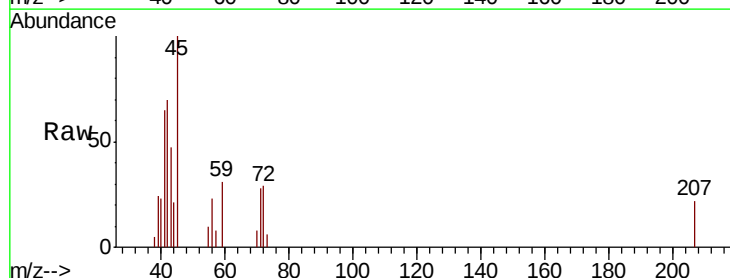
Ion Ratio Lower Upper

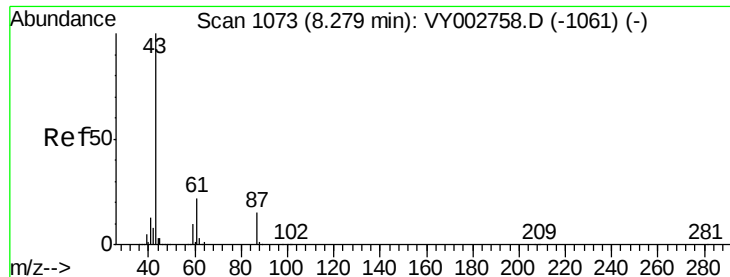
41 100

39 41.5 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 2.357 ug/l

RT: 8.39 min Scan# 1092

Delta R.T. 0.12 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

ClientSampleId :

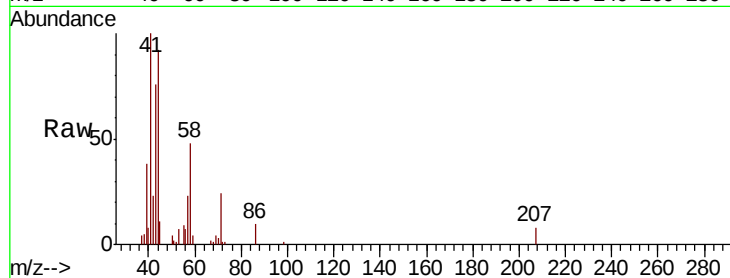
Tot Ion: 43 Resp: 7416

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

87 0.0 12.4 18.6#

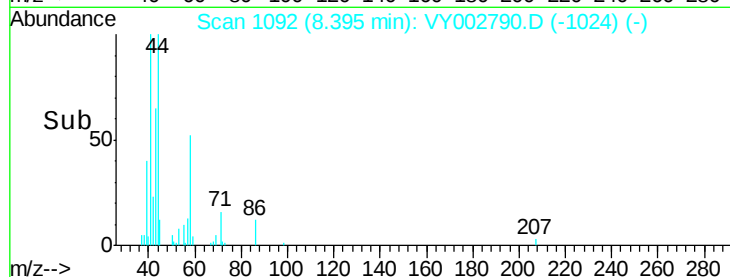


Abundance Ion 43.00 (42.70 to 43.70): VY002790.D (-1092) (-)

Ion 61.00 (60.70 to 61.70): VY002790.D (-1092) (-)

Ion 87.00 (86.70 to 87.70): VY002790.D (-1092) (-)

Time-->

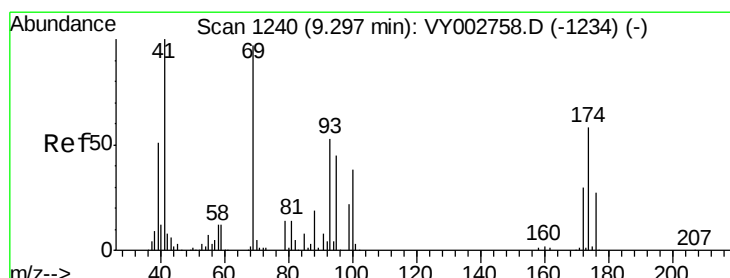


Abundance Ion 41.00 (40.70 to 41.70): VY002790.D (-1092) (-)

Ion 69.00 (68.70 to 69.70): VY002790.D (-1092) (-)

Ion 39.00 (38.70 to 39.70): VY002790.D (-1092) (-)

Time-->



#48

Methyl methacrylate

Concen: 3.644 ug/l

RT: 9.27 min Scan# 1235

Delta R.T. -0.03 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

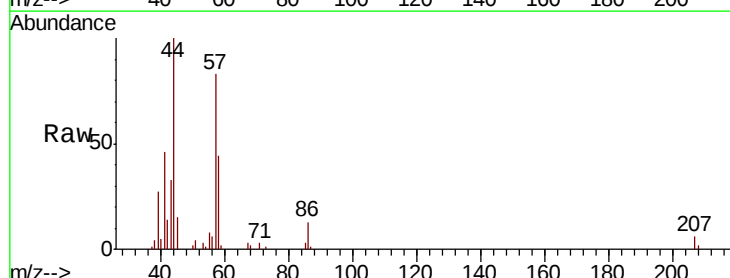
Tgt Ion: 41 Resp: 5176

Ion Ratio Lower Upper

41 100

69 2.6 79.7 119.5#

39 54.9 43.3 64.9

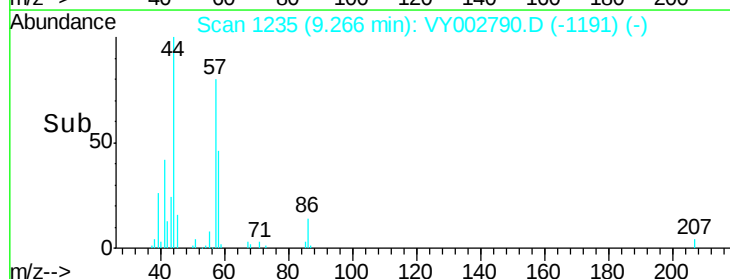


Abundance Ion 41.00 (40.70 to 41.70): VY002790.D (-1235) (-)

Ion 69.00 (68.70 to 69.70): VY002790.D (-1235) (-)

Ion 39.00 (38.70 to 39.70): VY002790.D (-1235) (-)

Time-->

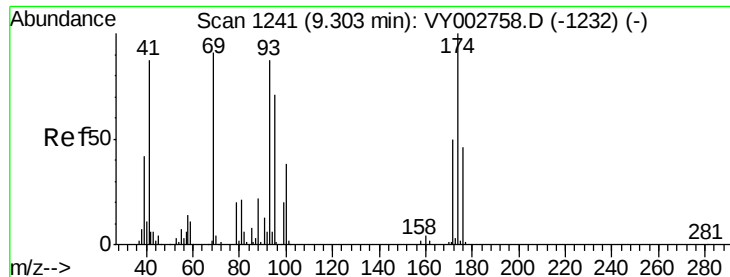


Abundance Ion 41.00 (40.70 to 41.70): VY002790.D (-1235) (-)

Ion 69.00 (68.70 to 69.70): VY002790.D (-1235) (-)

Ion 39.00 (38.70 to 39.70): VY002790.D (-1235) (-)

Time-->



#49

1,4-Dioxane

Concen: 3.194 ug/l

RT: 9.13 min Scan# 1212

Delta R.T. -0.18 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :

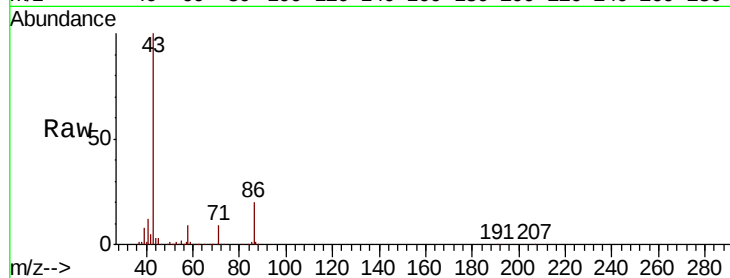
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

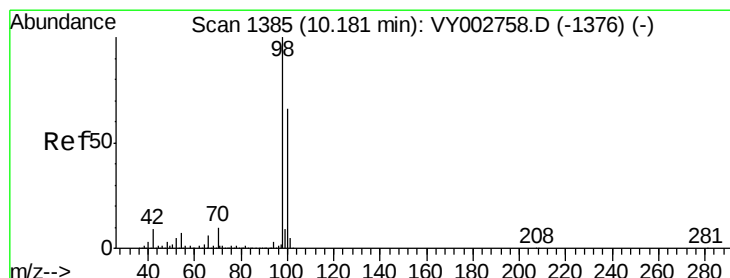
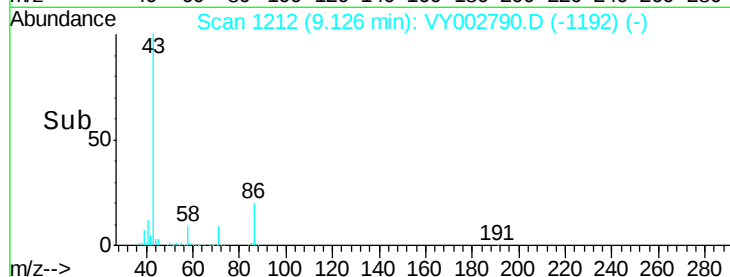
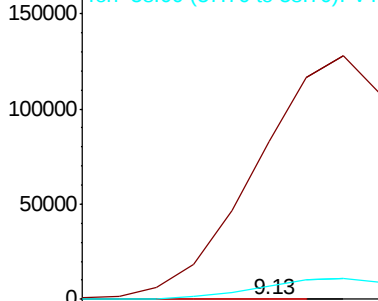
88 100

43 373434.9 21.3 31.9#

58 32154.0 52.2 78.2#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 44.768 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002790.D

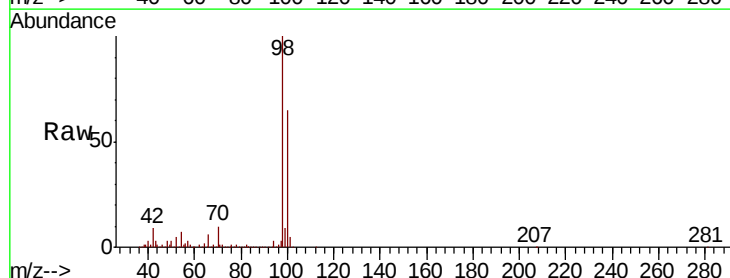
Acq: 28 May 2020 15:22

Tgt Ion: 98 Resp: 384358

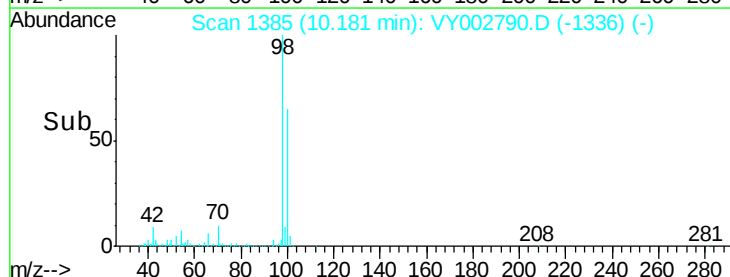
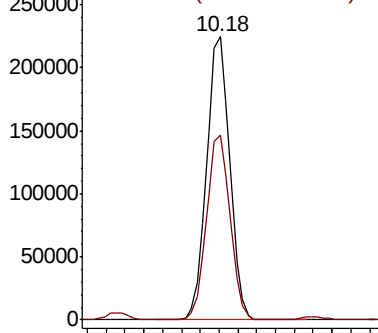
Ion Ratio Lower Upper

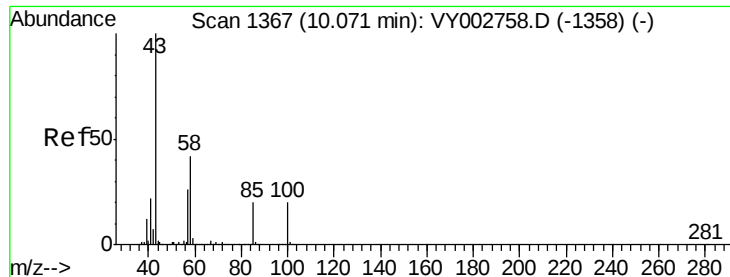
98 100

100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

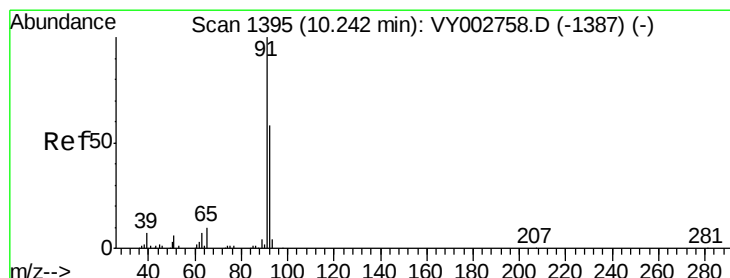
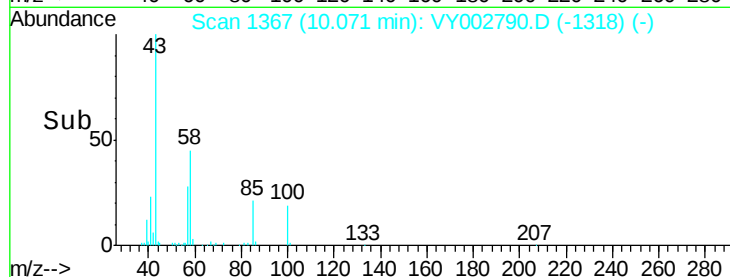
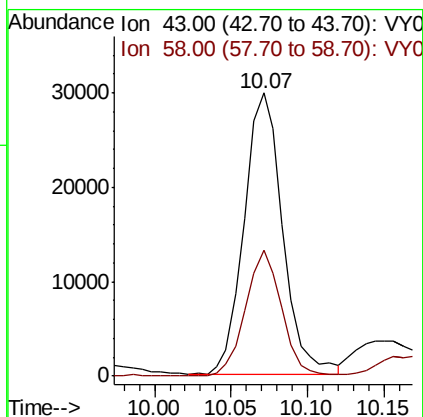
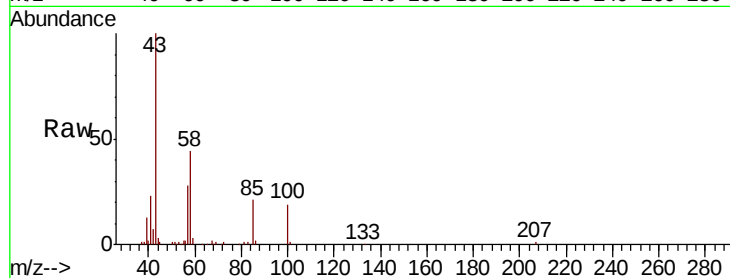




#51
 4-Methyl-2-Pentanone
 Concen: 31.454 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

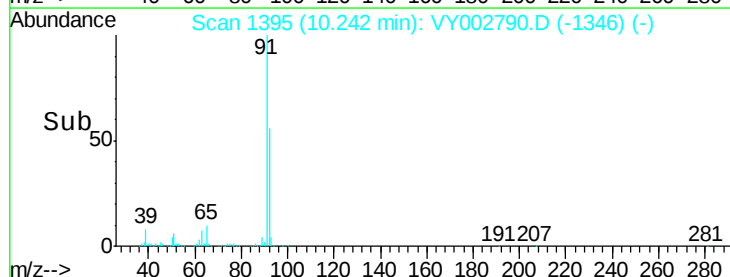
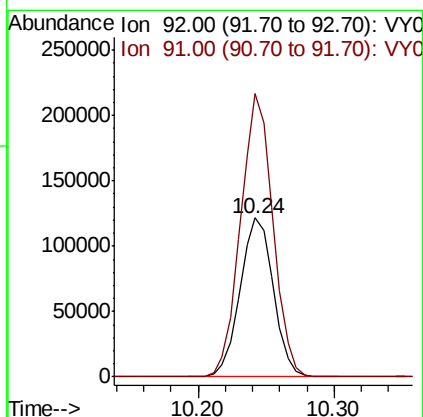
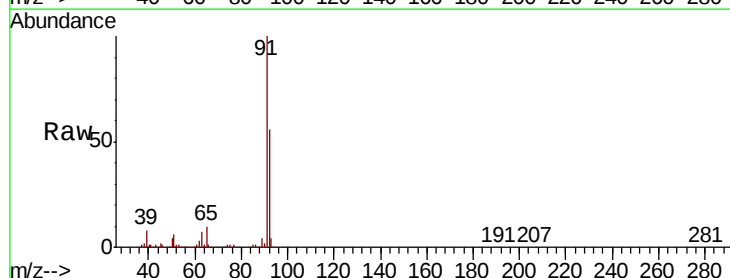
Instrument :
 MSVOA_Y
 ClientSampleId :

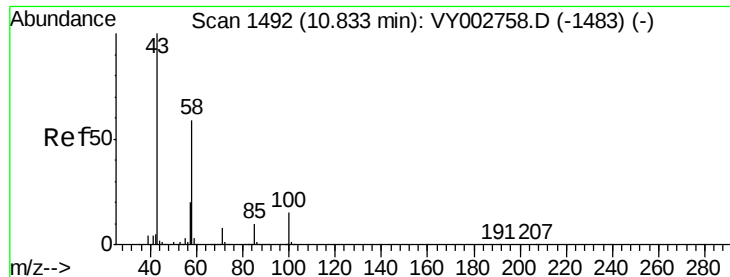
Tot Ion: 43 Resp: 52414
 Ion Ratio Lower Upper
 43 100
 58 41.8 34.2 51.2



#52
 Toluene
 Concen: 35.155 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Tgt Ion: 92 Resp: 207408
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.5 207.7





#59

2-Hexanone

Concen: 53.443 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

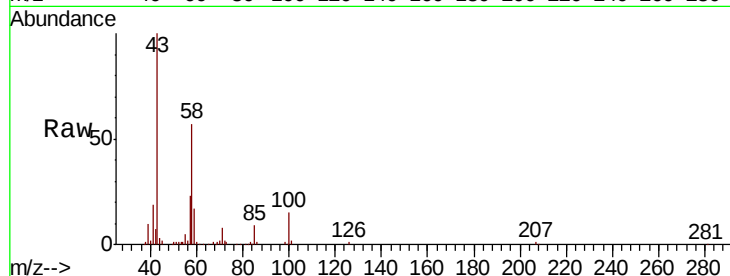
ClientSampleId :

Tot Ion: 43 Resp: 63186

Ion Ratio Lower Upper

43 100

58 55.2 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.83

40000

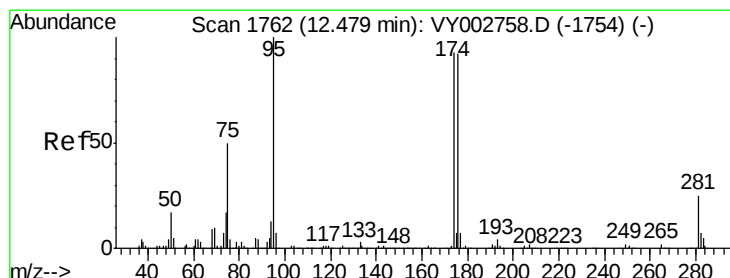
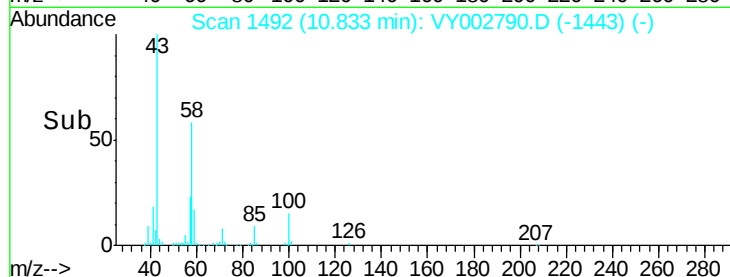
30000

20000

10000

0

Time--> 10.70 10.80 10.90



#62

4-Bromofluorobenzene

Concen: 29.988 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

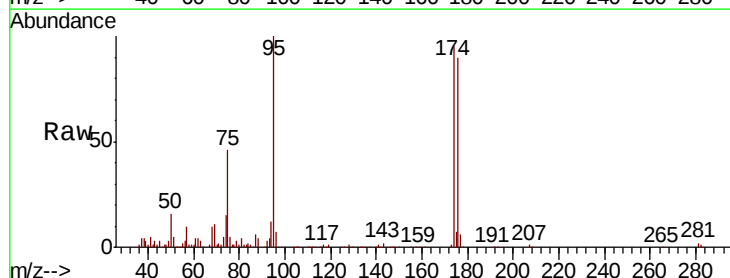
Tgt Ion: 95 Resp: 87989

Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.2

176 90.4 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

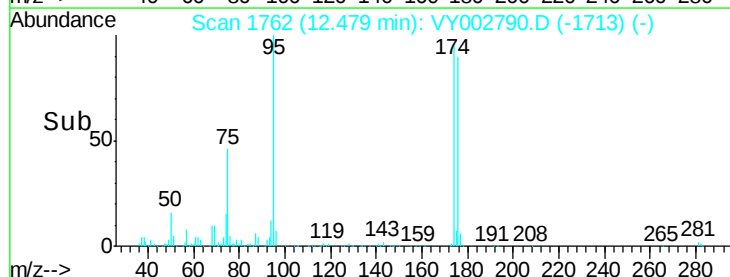
60000

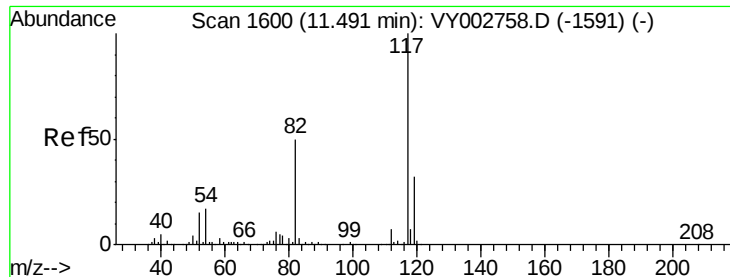
40000

20000

0

Time--> 12.40 12.50

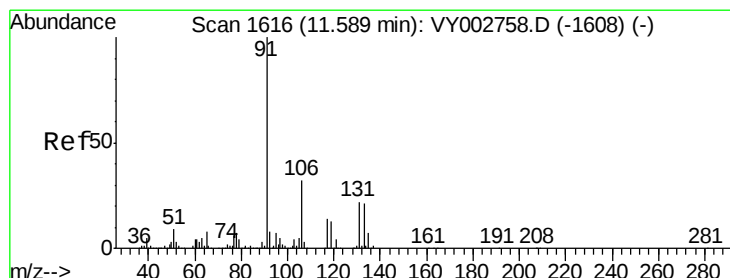
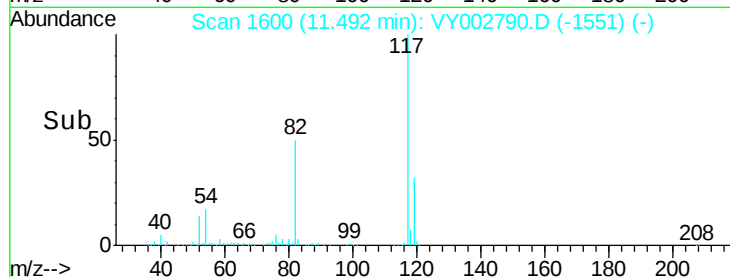
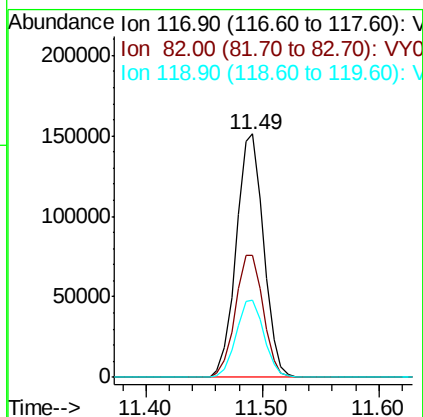
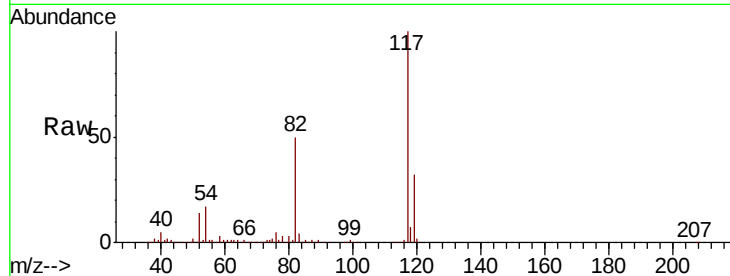




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

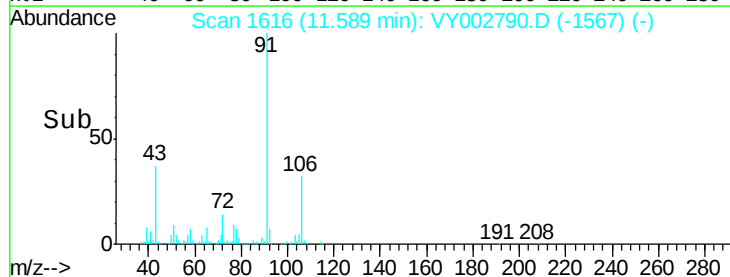
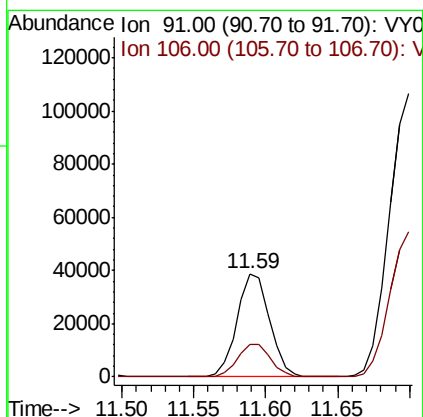
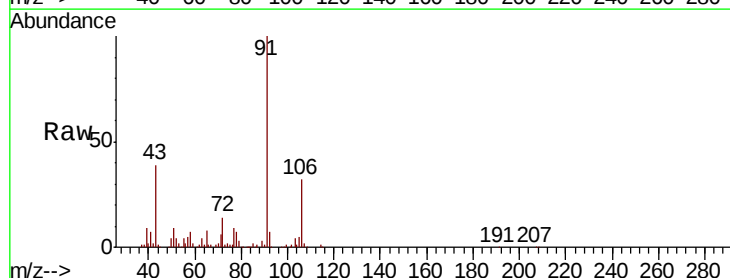
Instrument :
MSVOA_Y
ClientSampleId :

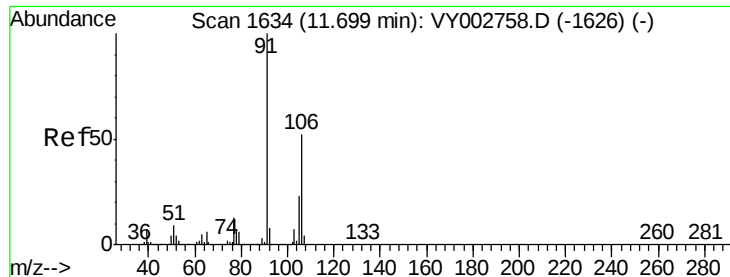
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.2	60.4
119	31.5	25.8	38.8



#67
Ethyl Benzene
Concen: 7.188 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.7	38.5

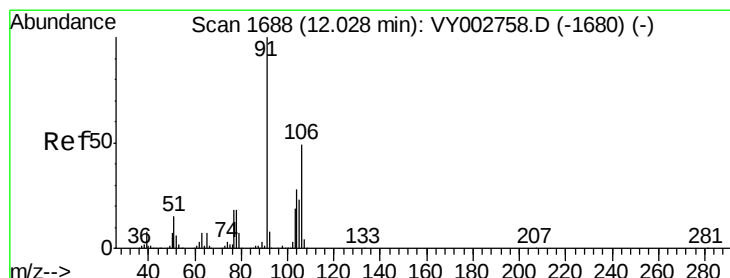
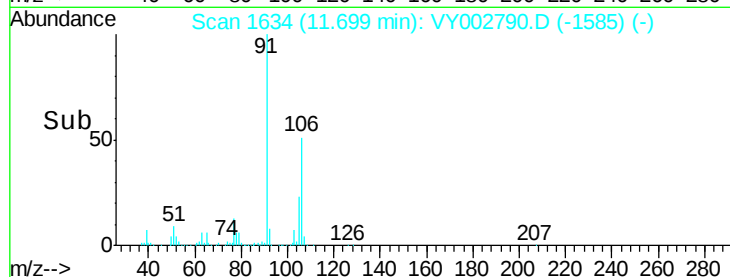
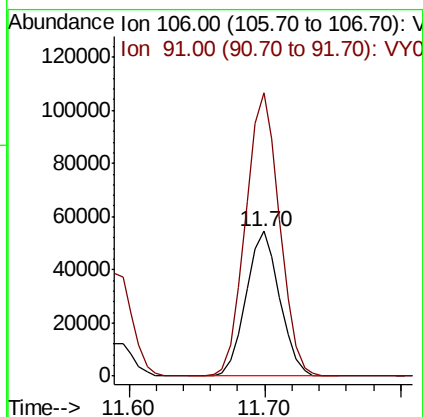
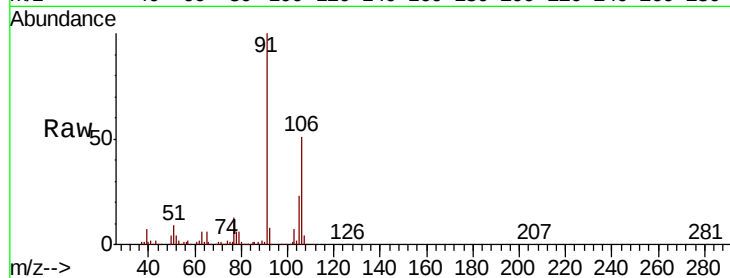




#68
m/p-Xvlenes
Concen: 28.608 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

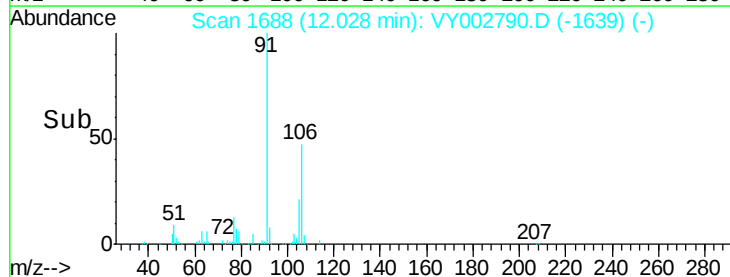
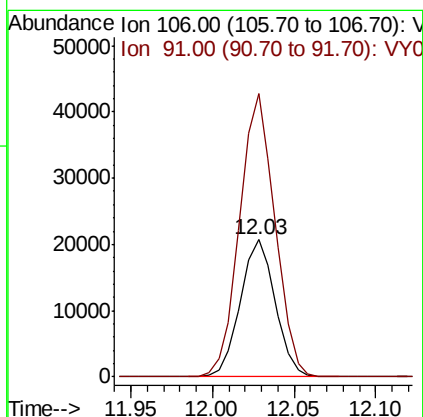
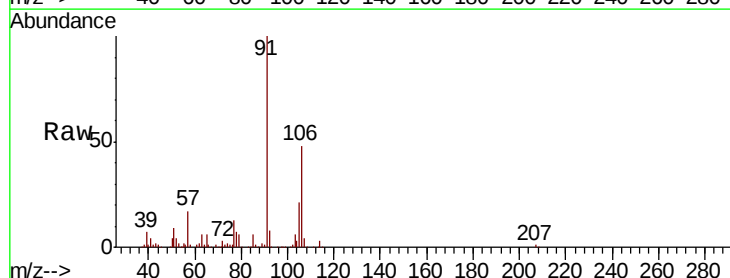
Instrument :
MSVOA_Y
ClientSampleId :

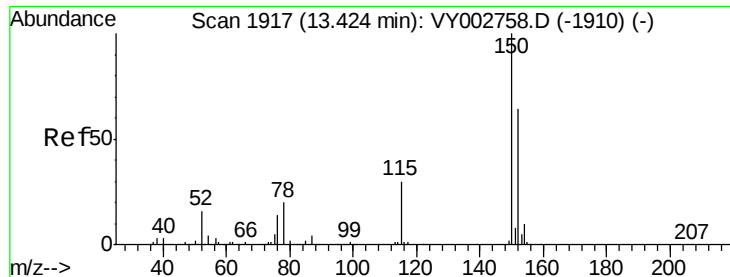
Tot Ion:106 Resp: 94301
Ion Ratio Lower Upper
106 100
91 197.5 156.0 234.0



#69
o-Xylene
Concen: 9.942 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Tgt Ion:106 Resp: 30939
Ion Ratio Lower Upper
106 100
91 209.0 102.4 307.1



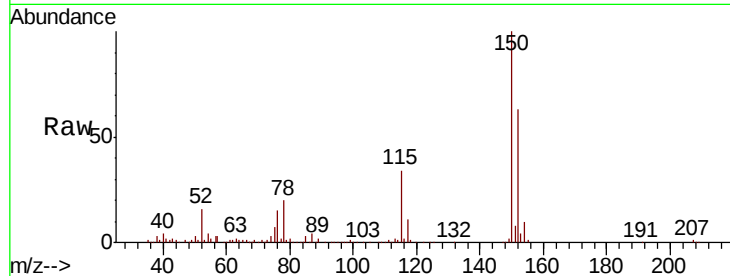


#72

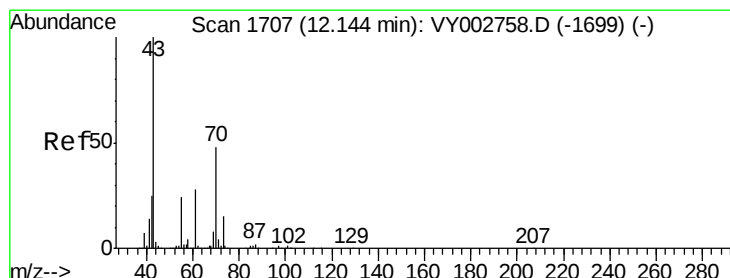
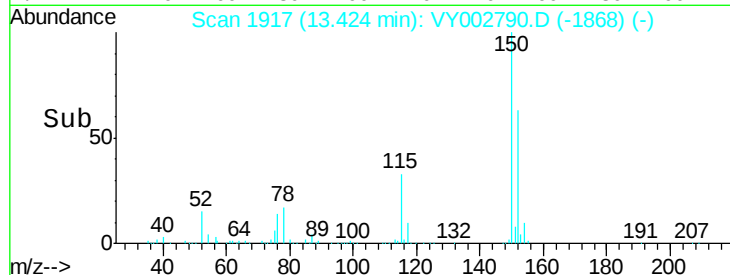
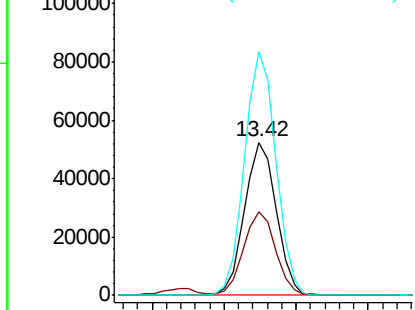
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.0	81.0
150	157.7	0.0	344.8



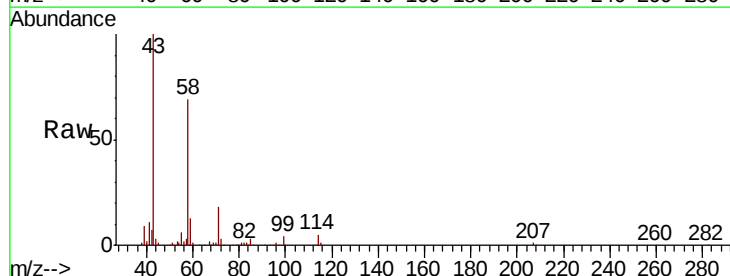
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



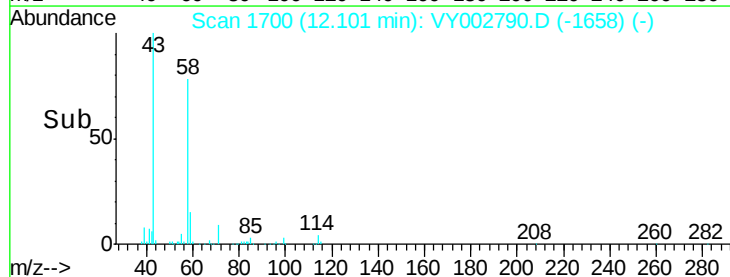
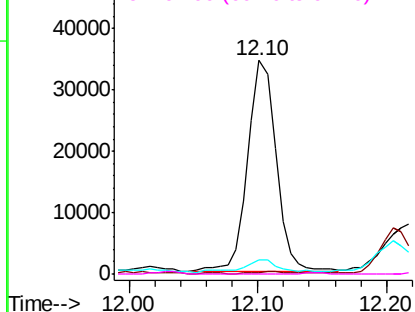
#74

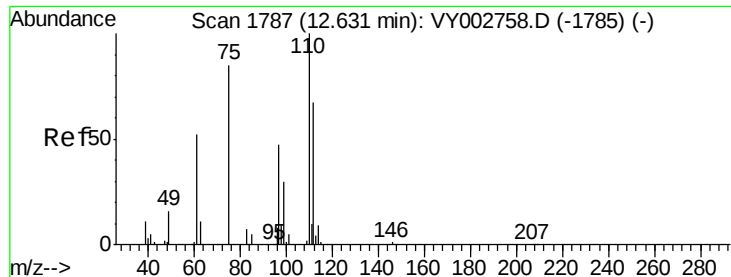
N-ethyl acetate
Concen: 40.645 ug/l
RT: 12.10 min Scan# 1700
Delta R.T. -0.04 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	1.0	37.7	56.5#
55	0.0	19.8	29.6#
61	0.0	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





#76

1,2,3-Trichloropropane

Concen: 56.954 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

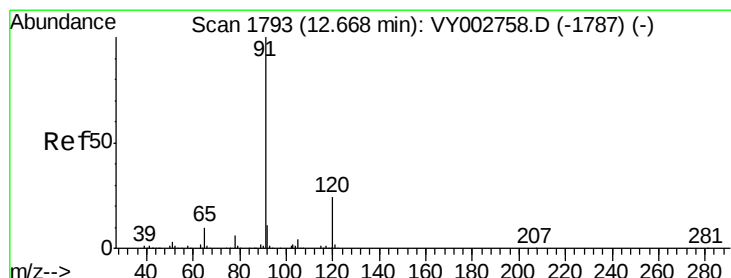
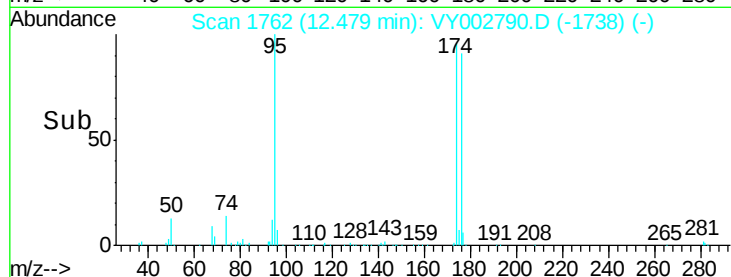
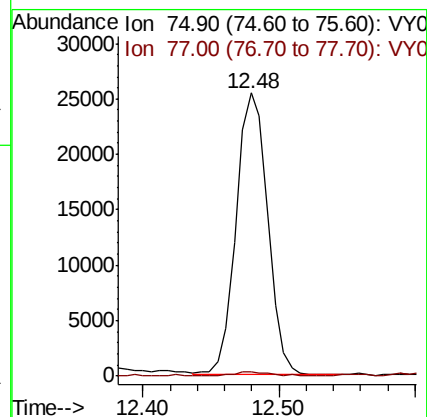
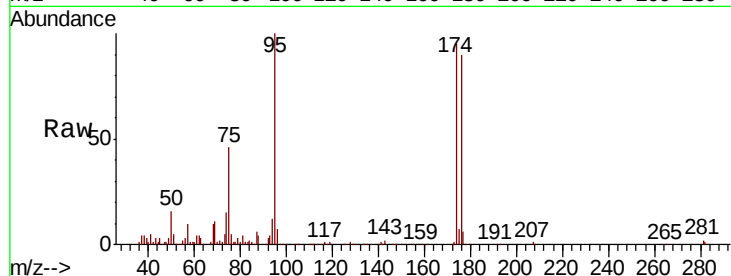
ClientSampleId :

Tot Ion: 75 Resp: 40831

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#78

n-propylbenzene

Concen: 2.820 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002790.D

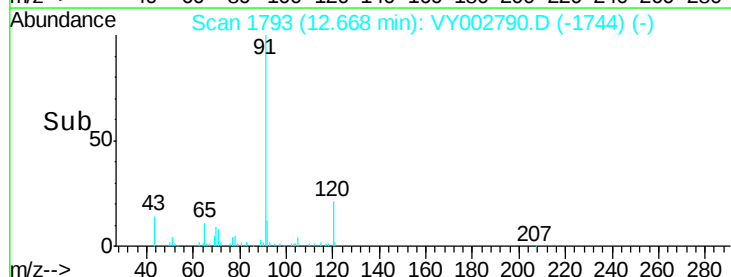
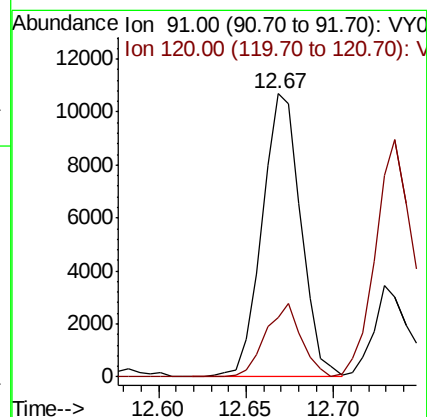
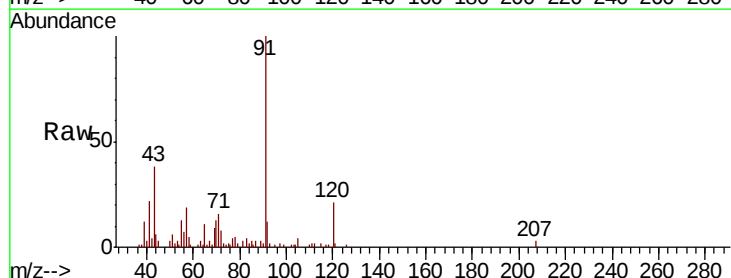
Acq: 28 May 2020 15:22

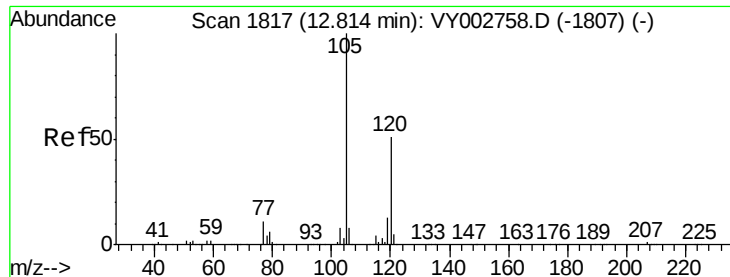
Tgt Ion: 91 Resp: 16609

Ion Ratio Lower Upper

91 100

120 23.9 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 3.089 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

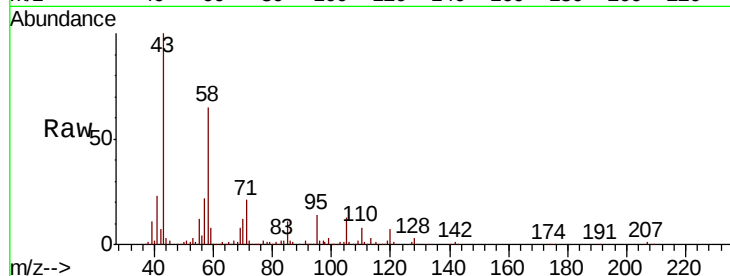
ClientSampleId :

Tot Ion:105 Resp: 13149

Ion Ratio Lower Upper

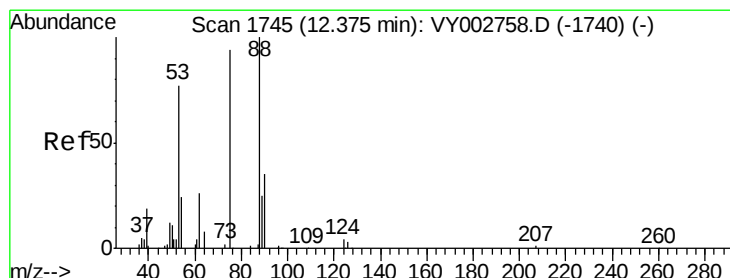
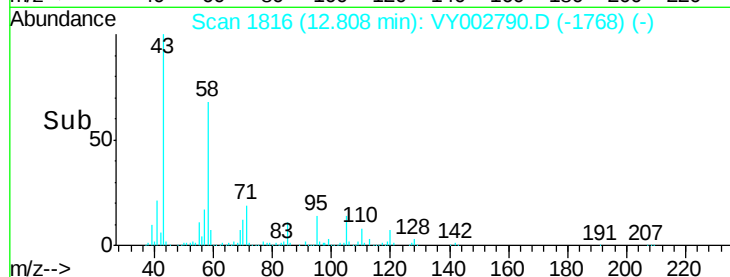
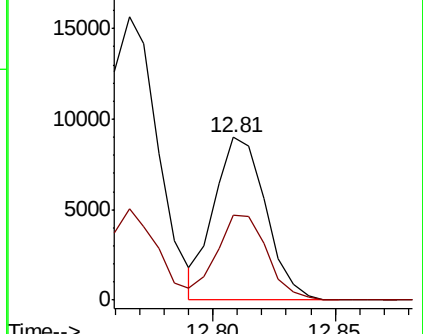
105 100

120 51.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 946.503 ug/l

RT: 12.31 min Scan# 1735

Delta R.T. -0.06 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

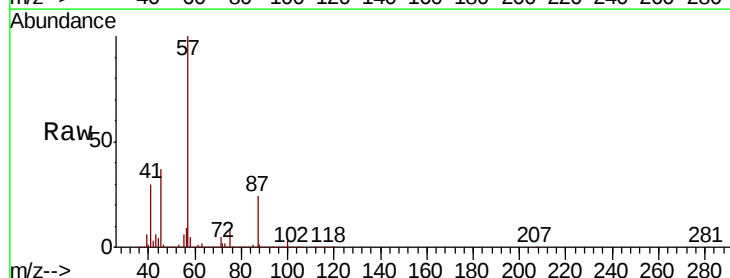
Tgt Ion: 75 Resp: 360167

Ion Ratio Lower Upper

75 100

53 10.2 64.0 96.0#

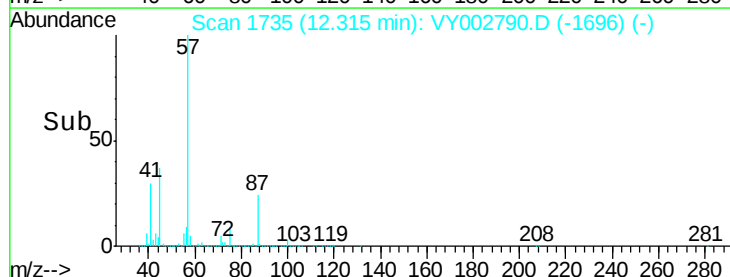
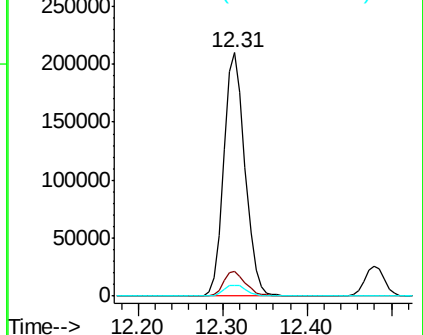
89 4.8 37.4 56.2#

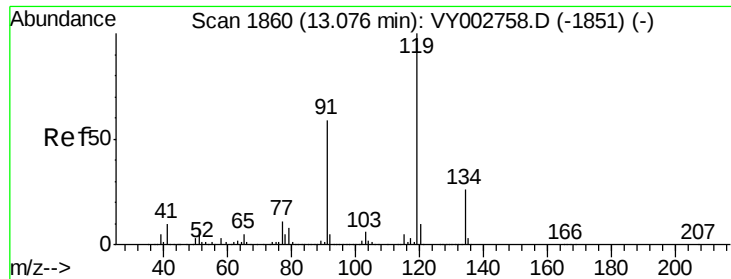


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#83

tert-Butylbenzene

Concen: 1.966 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.04 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

ClientSampleId :

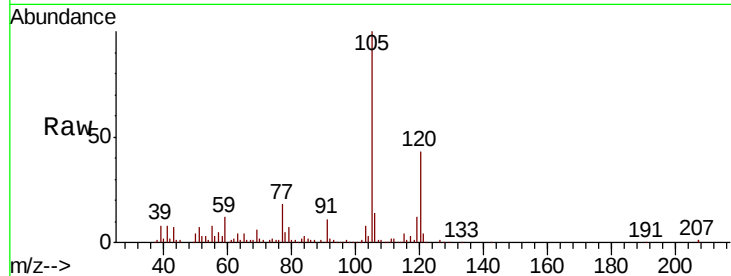
Tot Ion:119 Resp: 7464

Ion Ratio Lower Upper

119 100

91 87.5 29.8 89.4

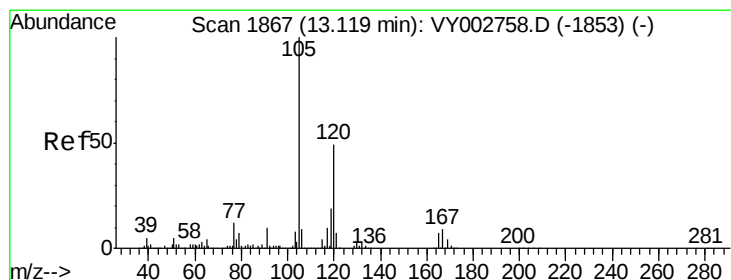
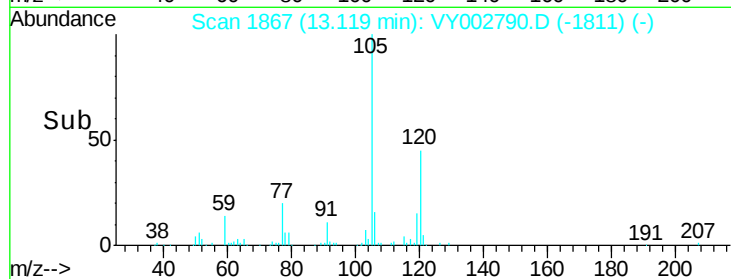
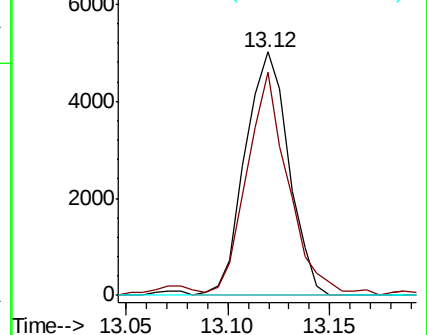
134 0.0 13.3 39.8#



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: 18.190 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002790.D

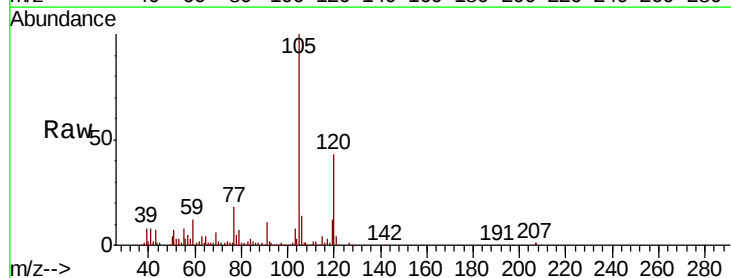
Acq: 28 May 2020 15:22

Tgt Ion:105 Resp: 77864

Ion Ratio Lower Upper

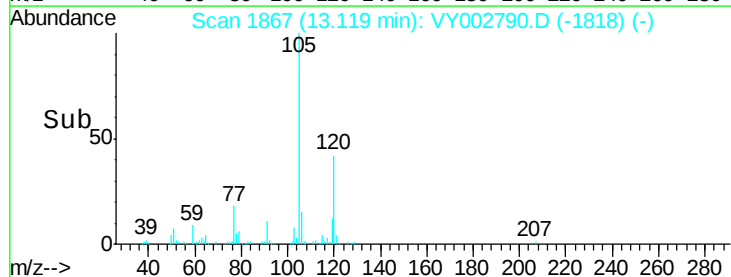
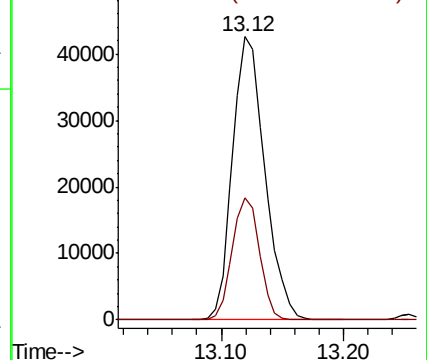
105 100

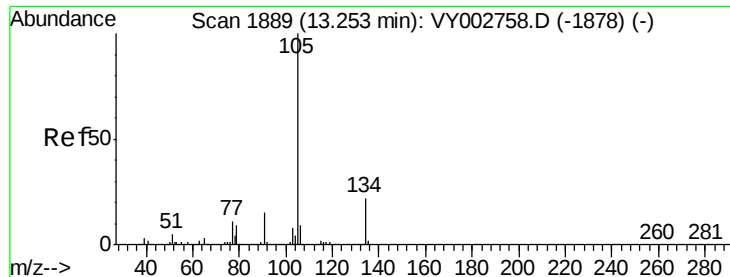
120 36.3 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

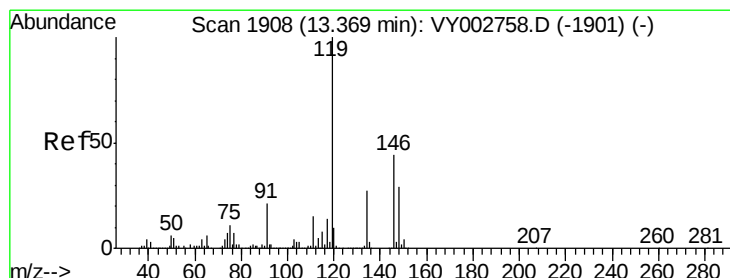
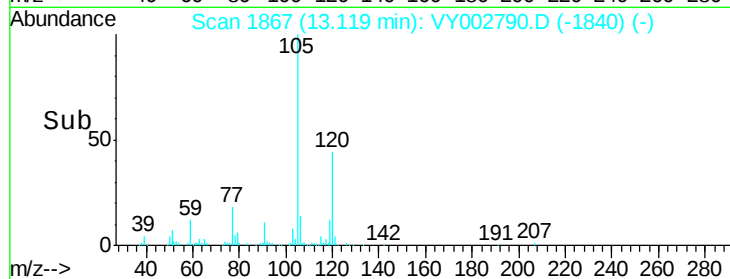
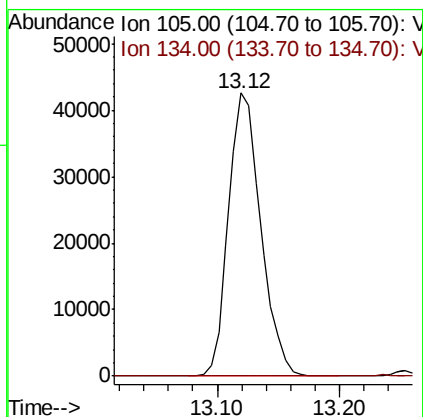
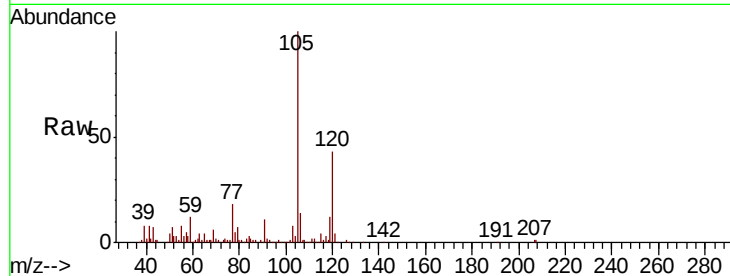




#85
 sec-Butylbenzene
 Concen: 14.996 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.13 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

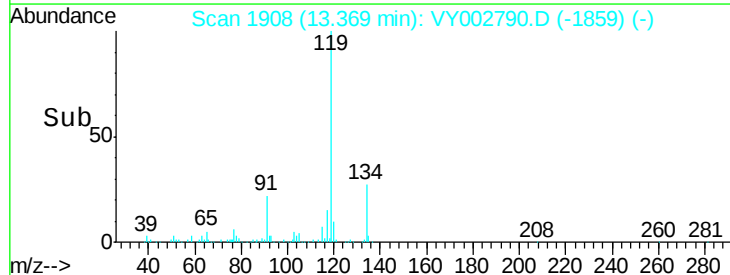
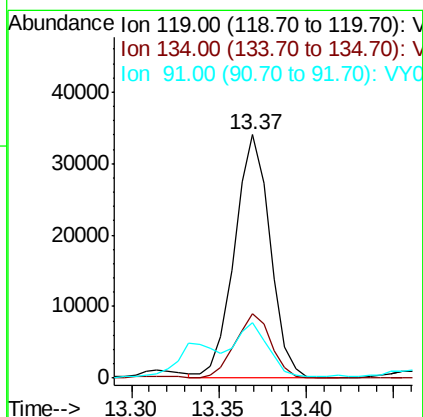
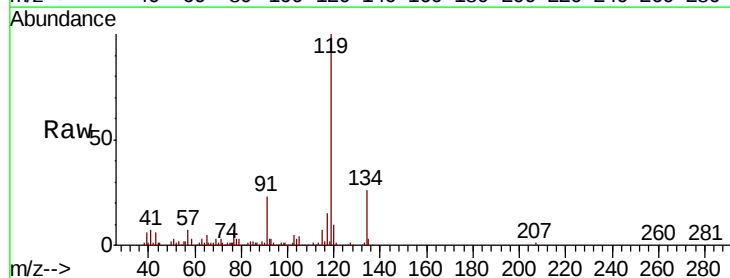
Instrument :
 MSVOA_Y
 ClientSampleId :

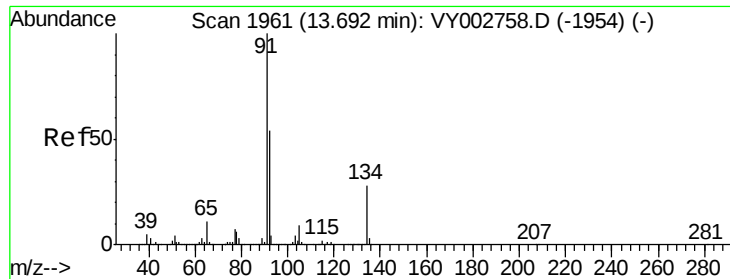
Tot Ion:105 Resp: 77864
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 9.980 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002790.D
 Acq: 28 May 2020 15:22

Tgt Ion:119 Resp: 48219
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.0
 91 20.6 10.8 32.4





#89

n-Butylbenzene

Concen: 1.023 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY002790.D

Acq: 28 May 2020 15:22

Instrument :

MSVOA_Y

ClientSampleId :

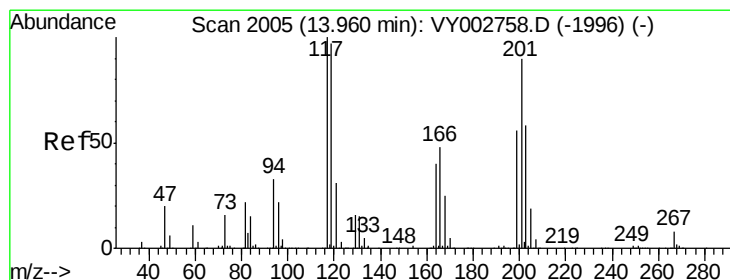
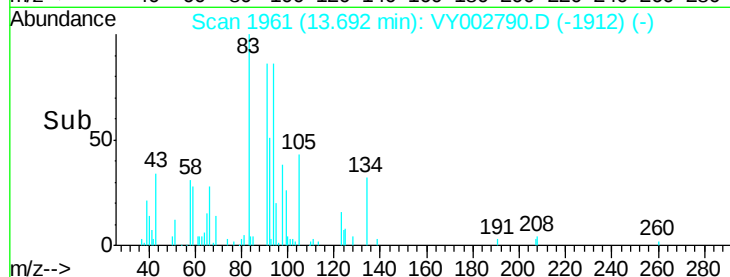
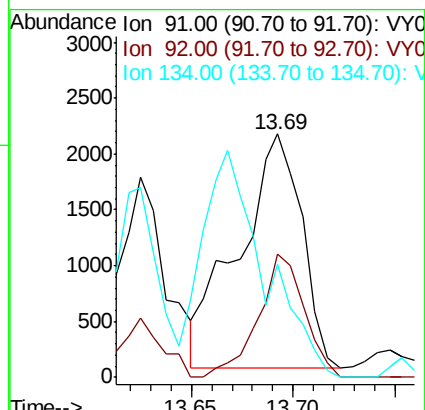
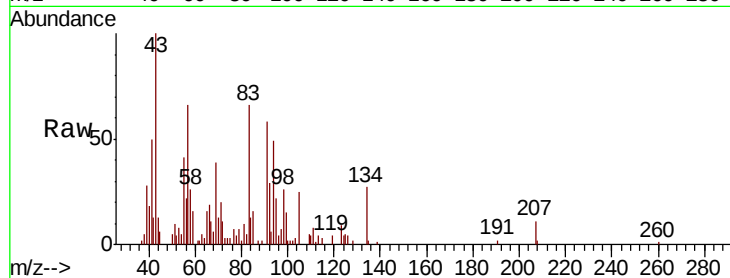
Tot Ion: 91 Resp: 4488

Ion Ratio Lower Upper

91 100

92 38.6 27.1 81.2

134 0.0 14.3 42.9#



#90

Hexachloroethane

Concen: 1.222 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002790.D

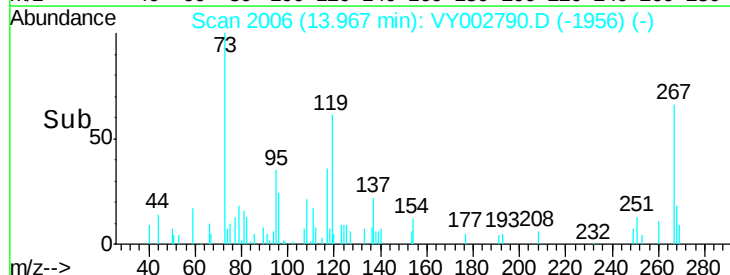
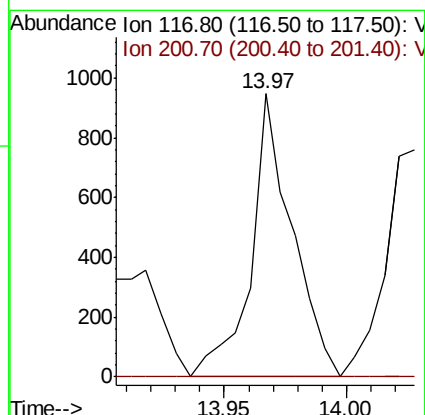
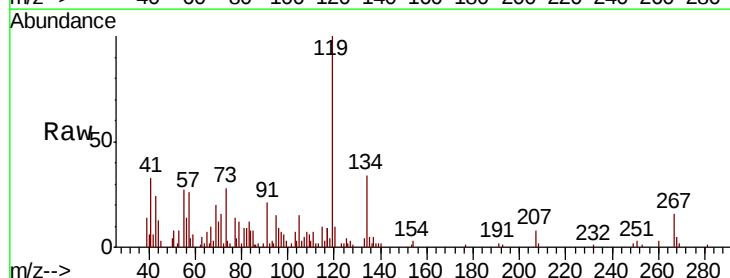
Acq: 28 May 2020 15:22

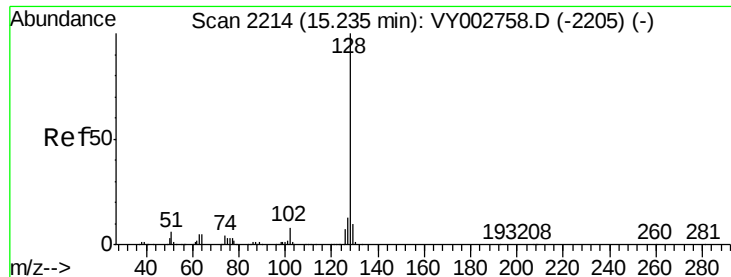
Tgt Ion: 117 Resp: 1105

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

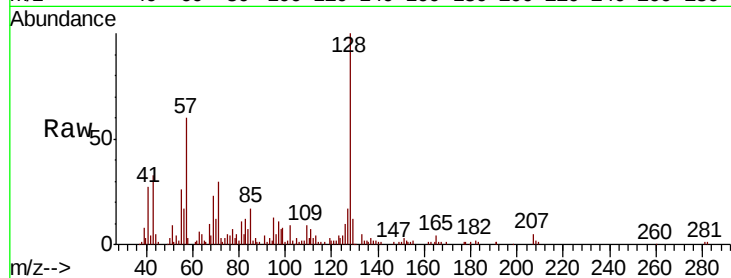




#95
Naphthalene
Concen: 7.296 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002790.D
Acq: 28 May 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.5	10.3	15.5#
129	11.8	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

