

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002781.D
 Acq On : 28 May 2020 10:10
 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 28 16:44:55 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	306140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221112	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	126447	47.57	ug/l	0.00
Spiked Amount						
			Recovery	=	95.14%	
35) Dibromofluoromethane	7.72	113	127117	48.50	ug/l	0.00
Spiked Amount						
			Recovery	=	97.00%	
50) Toluene-d8	10.18	98	509670	48.09	ug/l	0.00
Spiked Amount						
			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.48	95	175487	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	105389	50.031	ug/l	97
3) Chloromethane	2.12	50	118359	50.798	ug/l	98
4) Vinyl Chloride	2.26	62	130968	53.180	ug/l	99
5) Bromomethane	2.65	94	91936	49.815	ug/l	97
6) Chloroethane	2.80	64	81082	50.788	ug/l	100
7) Trichlorofluoromethane	3.13	101	214792	49.245	ug/l	98
8) Diethyl Ether	3.54	74	78046	45.825	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	131323	50.709	ug/l	99
10) Methyl Iodide	4.10	142	174609	48.185	ug/l	99
11) Tert butyl alcohol	4.97	59	71952	251.948	ug/l	99
12) 1,1-Dichloroethene	3.88	96	131432	50.466	ug/l	96
13) Acrolein	3.74	56	76214	244.664	ug/l	99
14) Allyl chloride	4.49	41	189942	50.851	ug/l	99
15) Acrylonitrile	5.17	53	197304	256.794	ug/l	99
16) Acetone	3.96	43	177985	285.552	ug/l	97
17) Carbon Disulfide	4.20	76	390305	49.594	ug/l	99
18) Methyl Acetate	4.49	43	77834	49.761	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	361869	50.331	ug/l	99
20) Methylene Chloride	4.72	84	144203	47.341	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	145999	49.848	ug/l	96
22) Diisopropyl ether	6.13	45	397698	51.236	ug/l	98
23) Vinyl Acetate	6.07	43	1354840	264.372	ug/l	99
24) 1,1-Dichloroethane	6.03	63	231584	51.002	ug/l	99
25) 2-Butanone	6.99	43	255036	262.625	ug/l	100
26) 2,2-Dichloropropane	6.99	77	216951	49.819	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	163900	49.988	ug/l	99
28) Bromochloromethane	7.34	49	91463	49.068	ug/l	99
29) Tetrahydrofuran	7.35	42	162696	257.566	ug/l	100
30) Chloroform	7.52	83	247306	51.327	ug/l	95
31) Cyclohexane	7.79	56	216477	48.018	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	228072	50.796	ug/l	100
36) 1,1-Dichloropropene	7.92	75	194486	51.625	ug/l	100
37) Ethyl Acetate	7.08	43	106936	52.172	ug/l	99
38) Carbon Tetrachloride	7.91	117	211912	50.635	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	252898	50.929	ug/l	99
40) Benzene	8.16	78	574216	51.584	ug/l	99
41) Methacrylonitrile	7.35	41	147030	133.524	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	158461	50.794	ug/l	99
43) Isopropyl Acetate	8.28	43	201695	51.927	ug/l	100
44) Trichloroethene	8.94	130	178259	50.697	ug/l	100
45) 1,2-Dichloropropane	9.22	63	136704	51.210	ug/l	99
46) Dibromomethane	9.31	93	81002	51.093	ug/l	99
47) Bromodichloromethane	9.50	83	195684	52.358	ug/l	99
48) Methyl methacrylate	9.30	41	92246	52.609	ug/l	99
49) 1,4-Dioxane	9.30	88	24860	1021.247	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	543185	264.096	ug/l	99
52) Toluene	10.24	92	375485	51.563	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	211898	51.907	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	240758	52.049	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	123049	50.697	ug/l	94
56) Ethyl methacrylate	10.51	69	170557	52.464	ug/l	99
57) 1,3-Dichloropropane	10.79	76	206069	51.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	406571	255.947	ug/l	100
59) 2-Hexanone	10.83	43	395191	270.803	ug/l	100
60) Dibromochloromethane	10.99	129	159059	51.690	ug/l	99
61) 1,2-Dibromoethane	11.09	107	123555	51.605	ug/l	99
64) Tetrachloroethene	10.72	164	191107	50.486	ug/l	97
65) Chlorobenzene	11.52	112	418944	50.892	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	160030	51.617	ug/l	100
67) Ethyl Benzene	11.60	91	732425	51.322	ug/l	99
68) m/p-Xylenes	11.70	106	570183	103.048	ug/l	100
69) o-Xylene	12.03	106	269466	51.587	ug/l	100
70) Styrene	12.05	104	473162	52.253	ug/l	100
71) Bromoform	12.20	173	108531	52.316	ug/l #	100
73) Isopropylbenzene	12.33	105	739998	52.224	ug/l	100
74) N-amyl acetate	12.14	43	194086	53.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	129974	52.279	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	196289	98.521	ug/l #	100
77) Bromobenzene	12.61	156	188341	51.046	ug/l	99
78) n-propylbenzene	12.67	91	860398	52.567	ug/l	100
79) 2-Chlorotoluene	12.75	91	472370	51.448	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	616853	52.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56358	53.293	ug/l	98
82) 4-Chlorotoluene	12.86	91	499989	51.976	ug/l	100
83) tert-Butylbenzene	13.08	119	549715	52.089	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	622066	52.291	ug/l	100
85) sec-Butylbenzene	13.25	105	751512	52.080	ug/l	100
86) p-Isopropyltoluene	13.37	119	700748	52.190	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	354804	50.767	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	355767	50.888	ug/l	100
89) n-Butylbenzene	13.70	91	639932	52.495	ug/l	99
90) Hexachloroethane	13.96	117	130854	52.057	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	324646	51.220	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25064	52.400	ug/l	97

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Quant Title : SW846 8260
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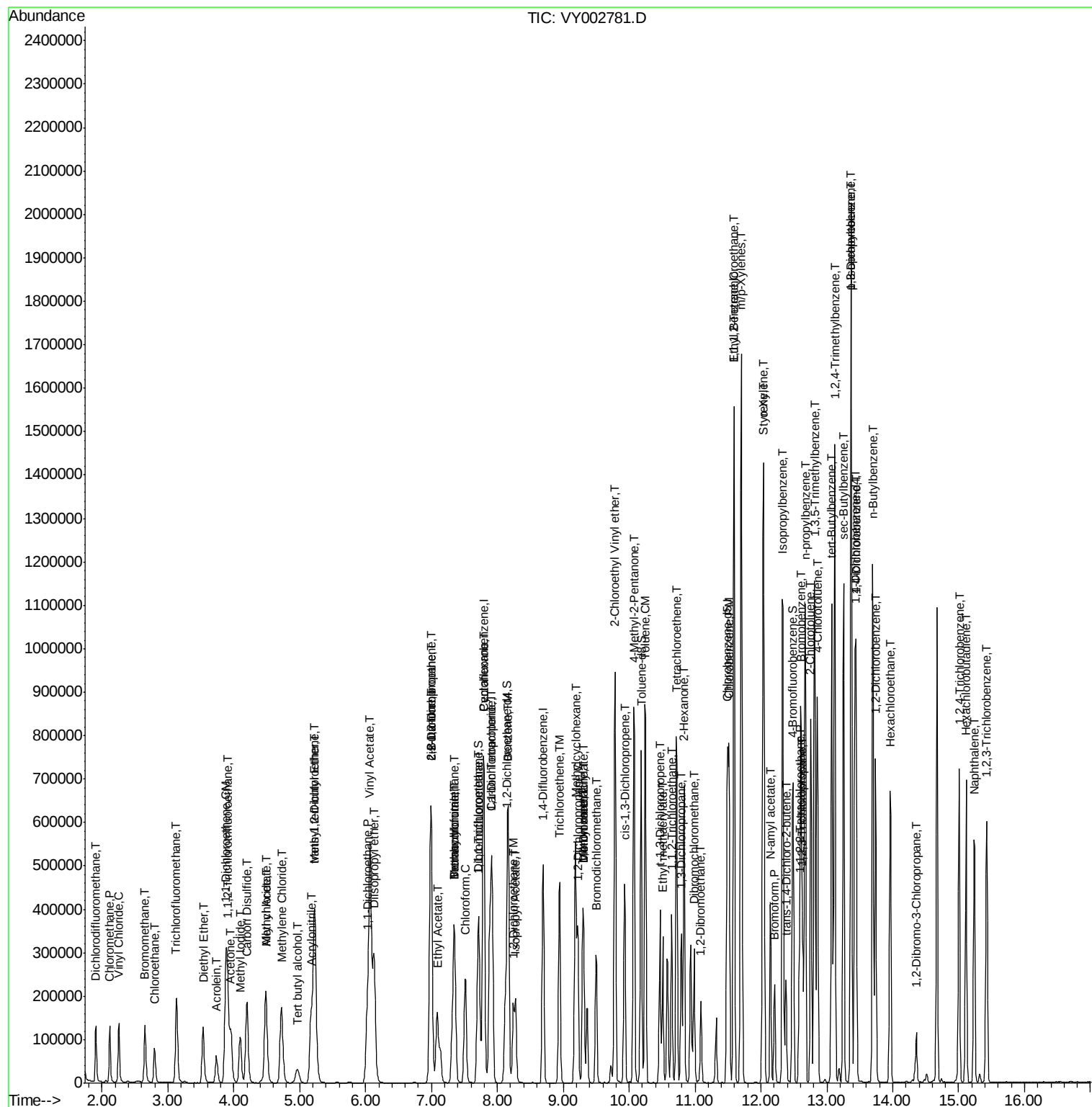
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	237788	49.773	ug/l	99
94) Hexachlorobutadiene	15.11	225	135430	49.981	ug/l	99
95) Naphthalene	15.23	128	482993	50.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211326	49.535	ug/l	100

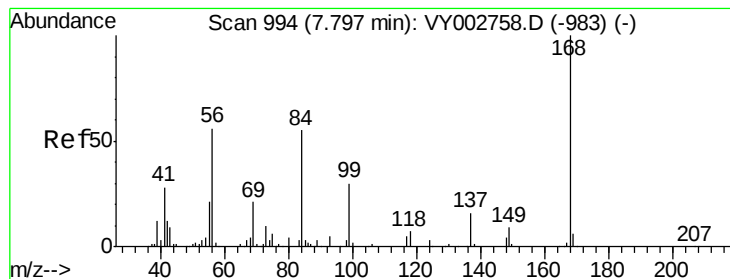
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
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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: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

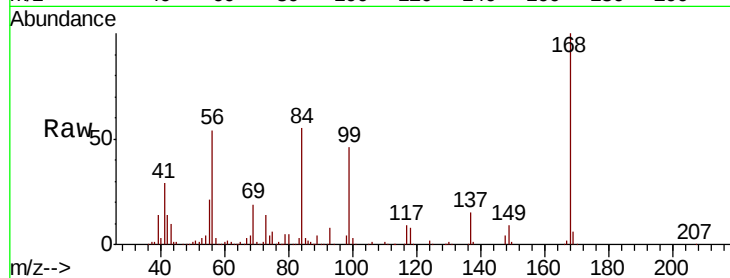
ClientSampleId :

Tot Ion:168 Resp: 306140

Ion Ratio Lower Upper

168 100

99 46.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002781.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002781.D (-945) (-)

7.80

150000

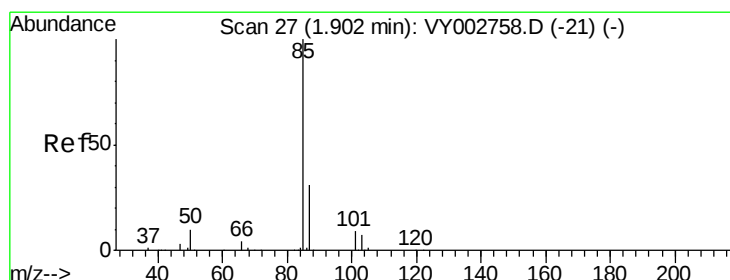
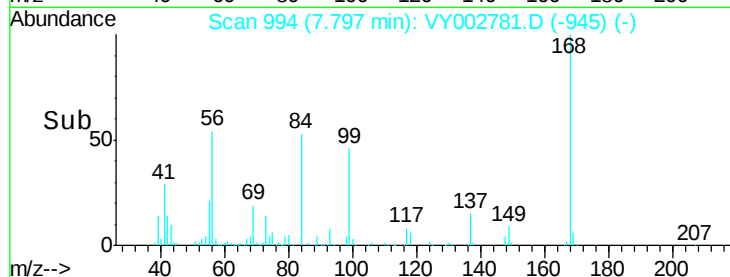
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.031 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002781.D

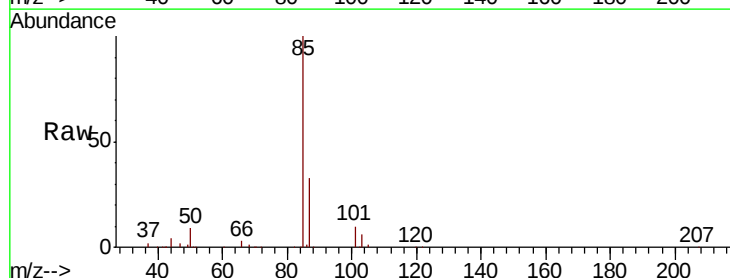
Acq: 28 May 2020 10:10

Tgt Ion: 85 Resp: 105389

Ion Ratio Lower Upper

85 100

87 32.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002781.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002781.D (-1) (-)

1.91

80000

60000

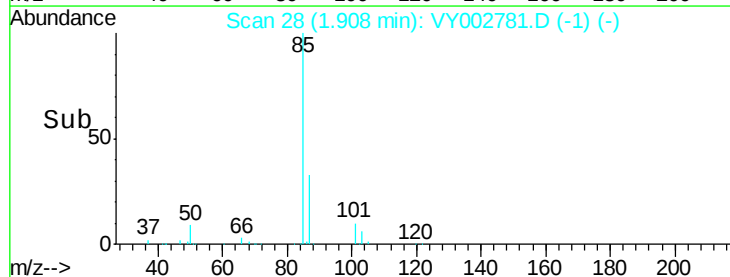
40000

20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 50.798 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

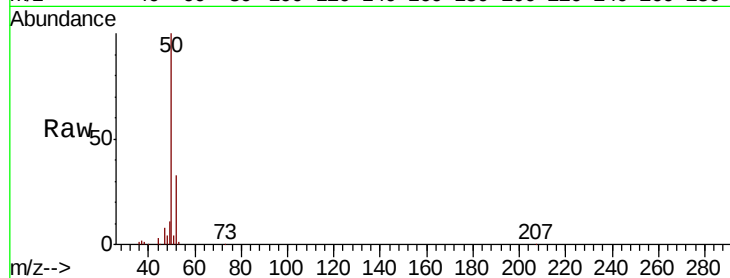
ClientSampleId :

Tot Ion: 50 Resp: 118359

Ion Ratio Lower Upper

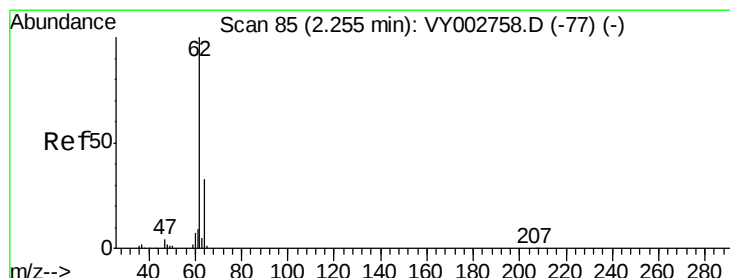
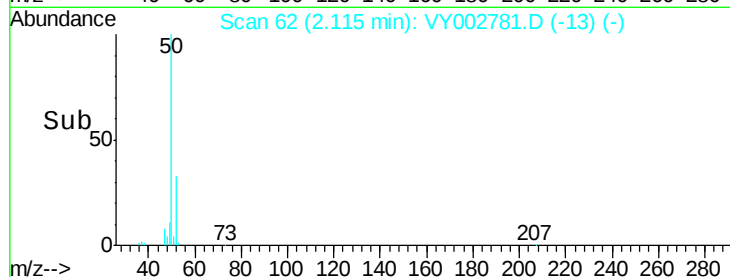
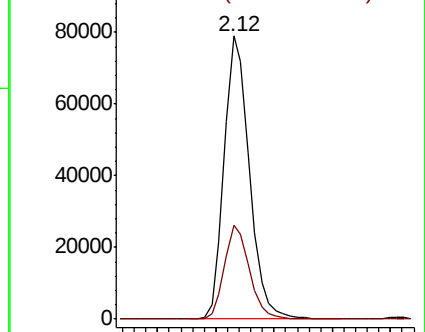
50 100

52 33.3 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: 53.180 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002781.D

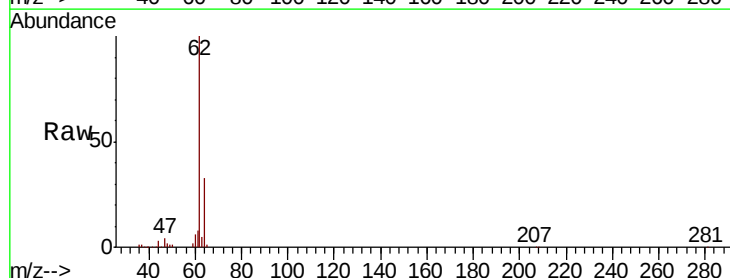
Acq: 28 May 2020 10:10

Tgt Ion: 62 Resp: 130968

Ion Ratio Lower Upper

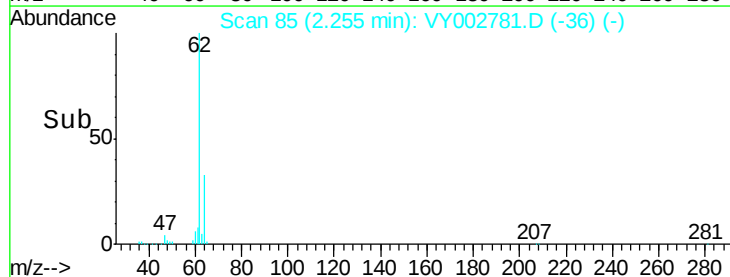
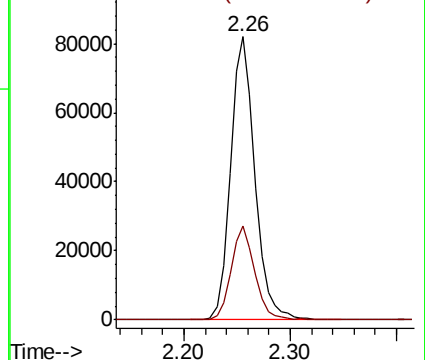
62 100

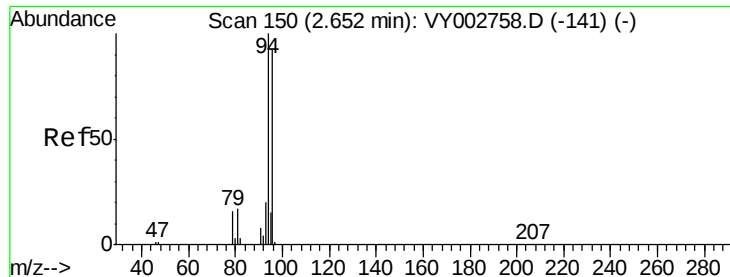
64 33.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.815 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

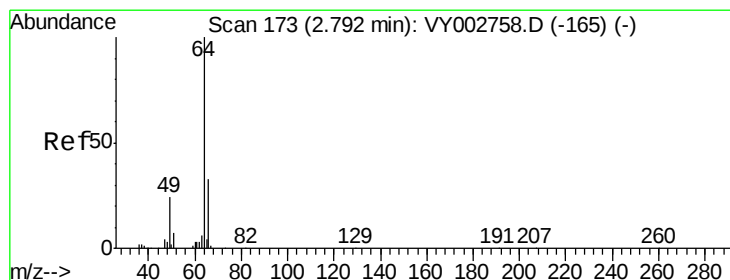
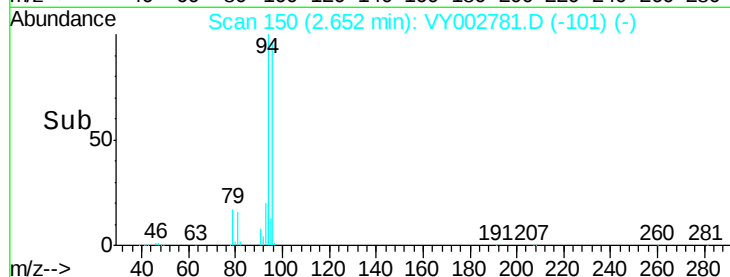
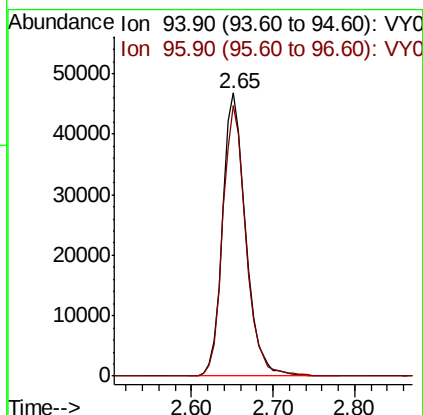
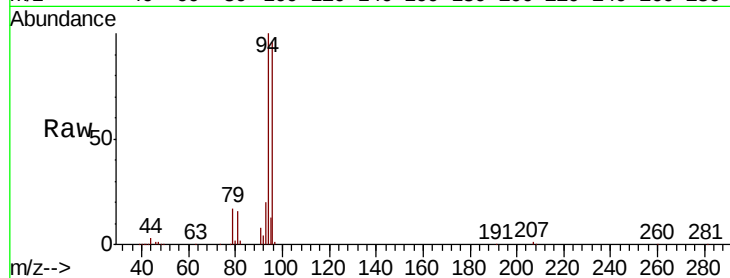
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 91936

Ion Ratio Lower Upper

94 100

96 95.4 73.7 110.5



#6

Chloroethane

Concen: 50.788 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002781.D

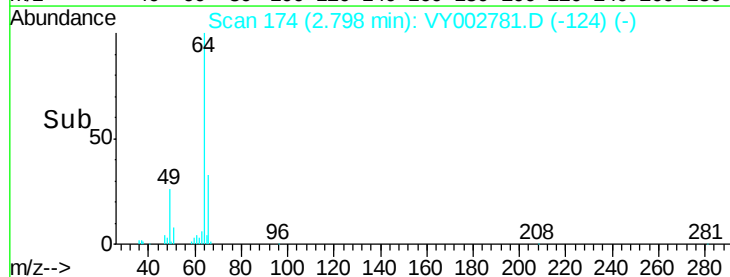
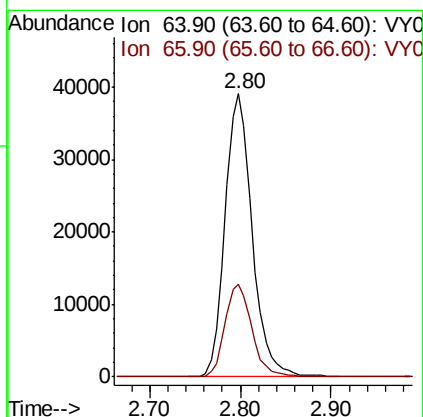
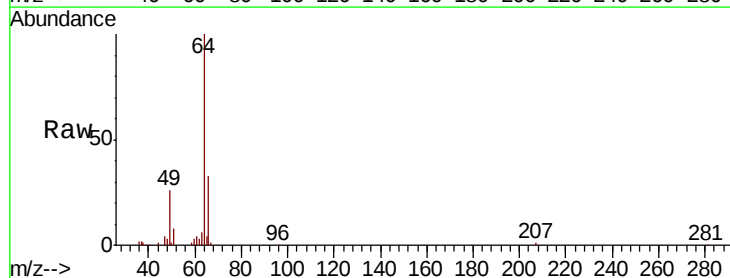
Acq: 28 May 2020 10:10

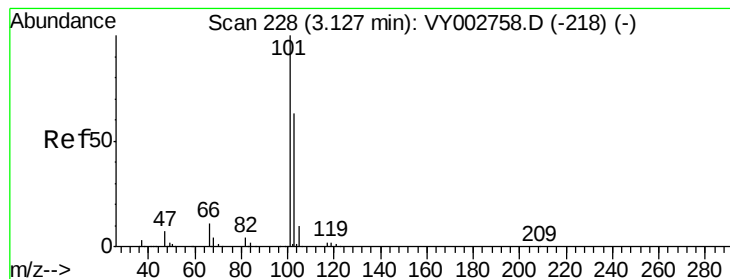
Tgt Ion: 64 Resp: 81082

Ion Ratio Lower Upper

64 100

66 32.9 26.4 39.6



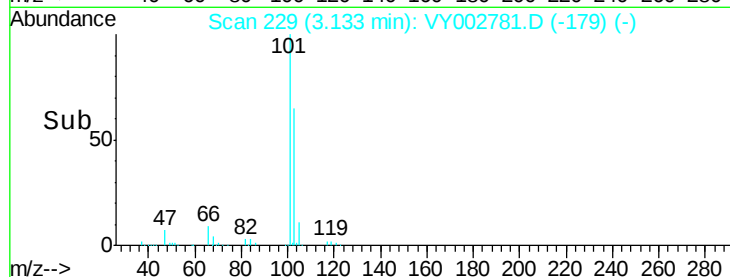
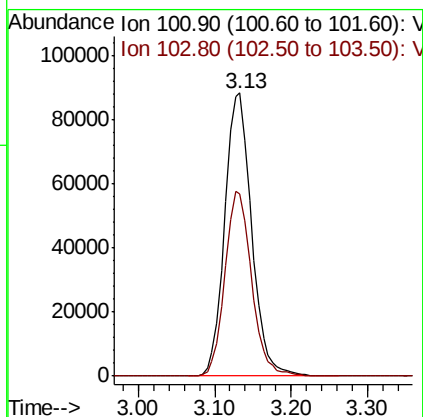
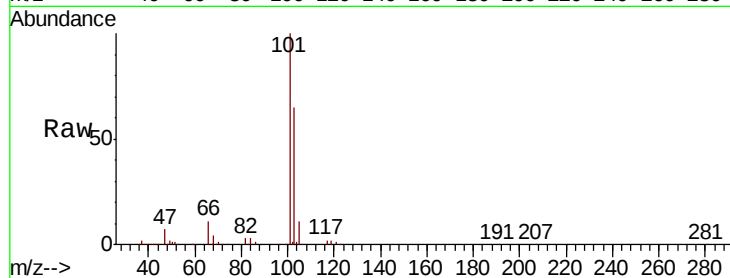


#7

Trichlorofluoromethane
 Concen: 49.245 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

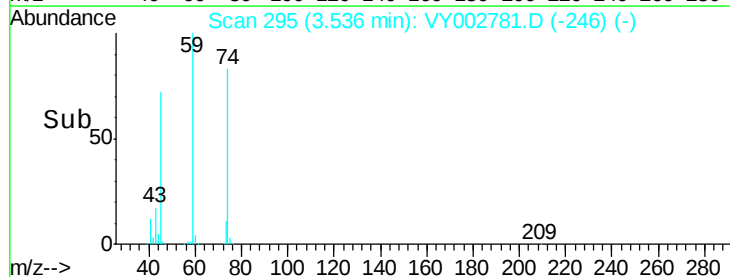
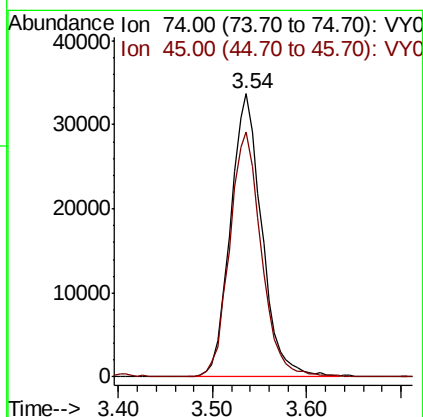
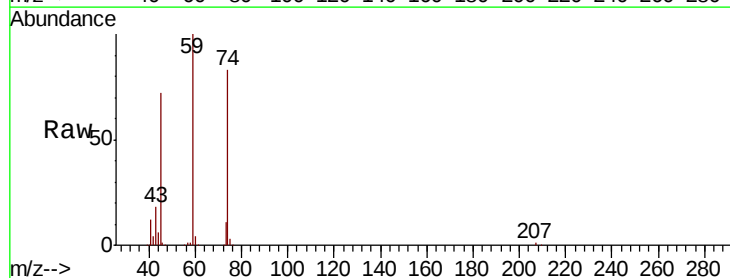
Tot Ion:101 Resp: 214792
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0

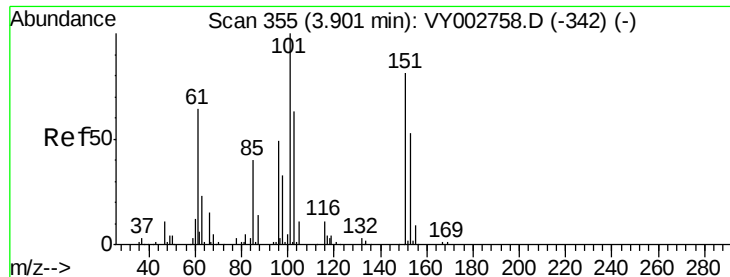


#8

Diethyl Ether
 Concen: 45.825 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 74 Resp: 78046
 Ion Ratio Lower Upper
 74 100
 45 87.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.709 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

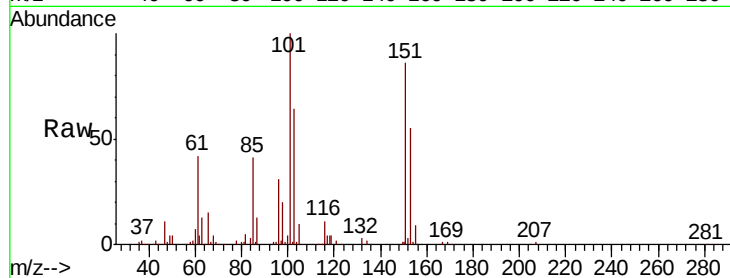
Tot Ion:101 Resp: 131323

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

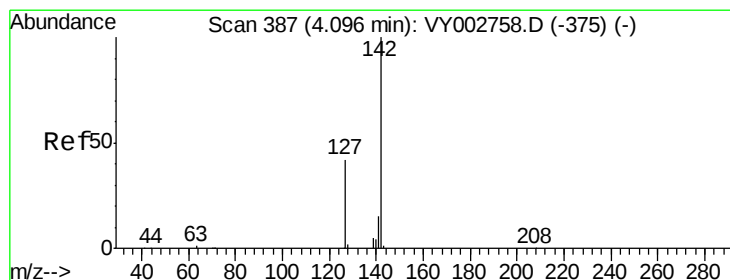
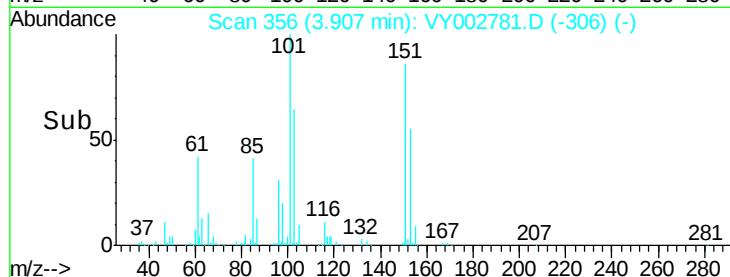
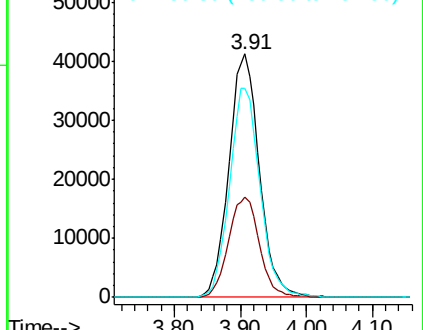
151 86.4 68.0 102.0



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: 48.185 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

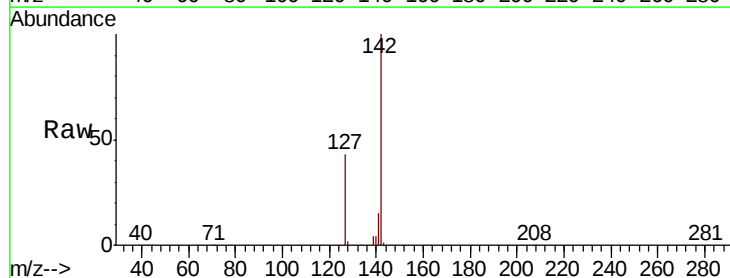
Tgt Ion:142 Resp: 174609

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

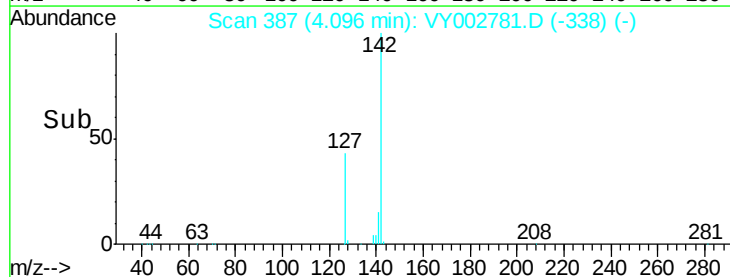
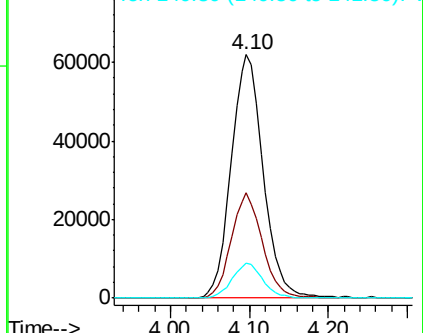
141 14.0 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

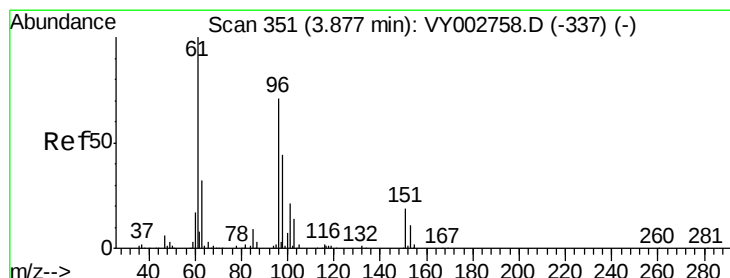
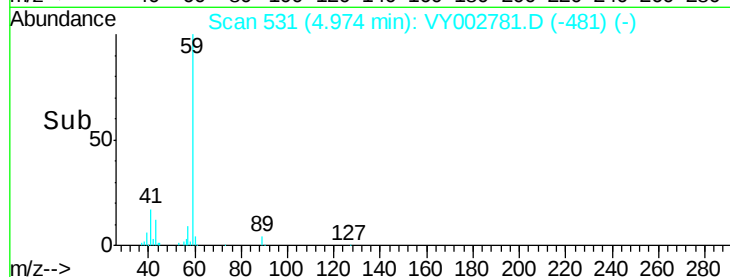
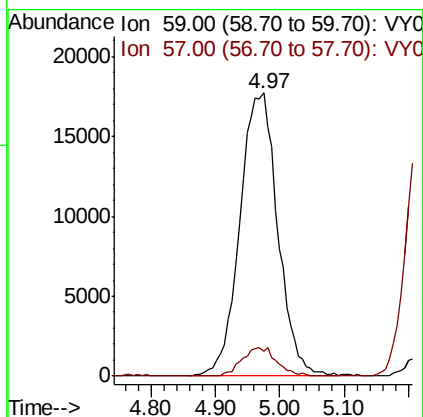
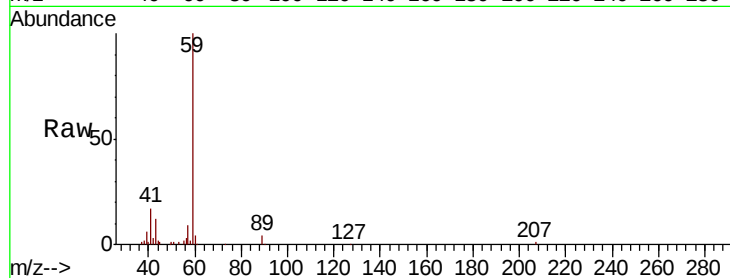




#11
Tert butyl alcohol
Concen: 251.948 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

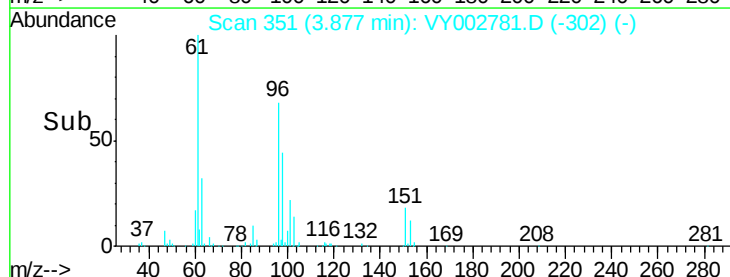
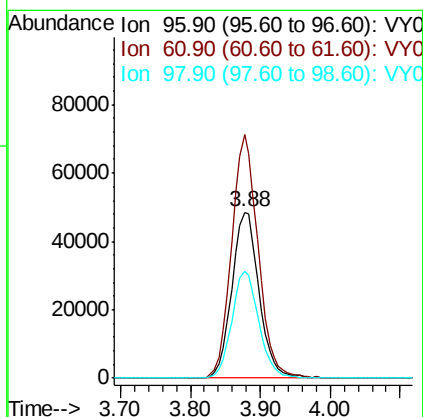
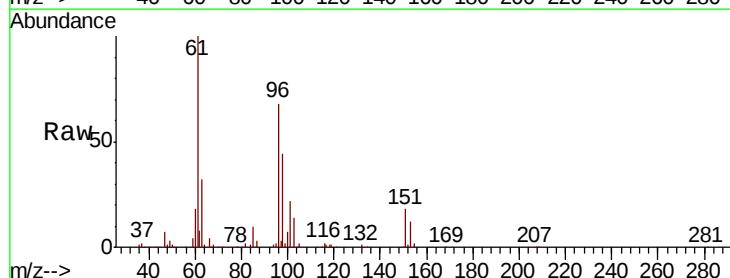
Instrument :
MSVOA_Y
ClientSampleId :

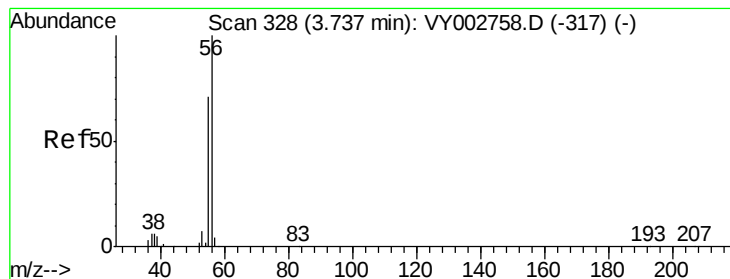
Tot Ion: 59 Resp: 71952
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.466 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 96 Resp: 131432
Ion Ratio Lower Upper
96 100
61 146.7 112.6 168.8
98 64.5 50.0 75.0





#13

Acrolein

Concen: 244.664 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

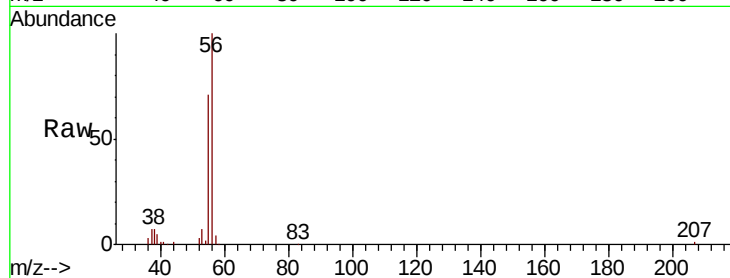
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 76214

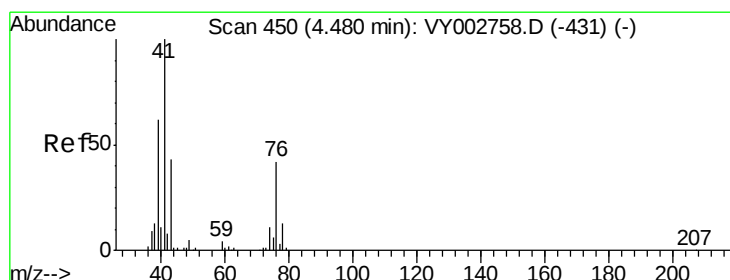
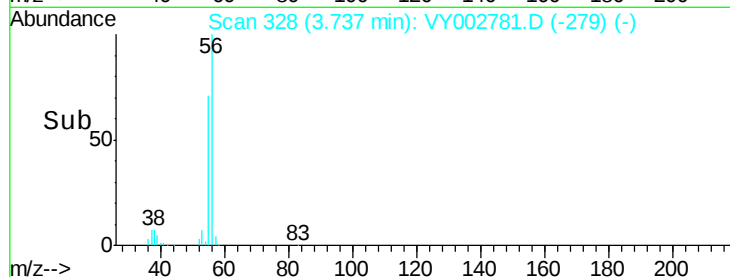
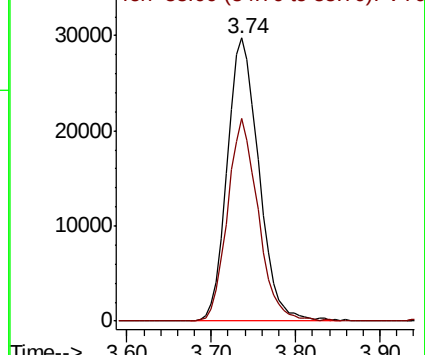
Ion Ratio Lower Upper

56 100

55 69.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 50.851 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

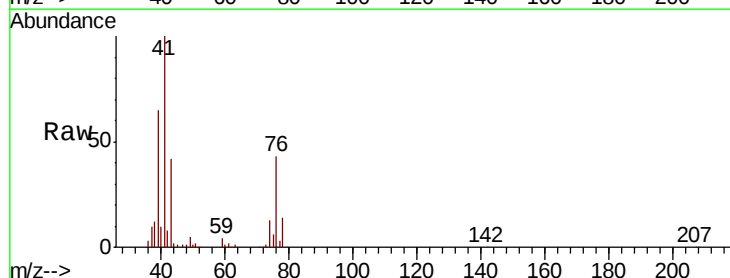
Tgt Ion: 41 Resp: 189942

Ion Ratio Lower Upper

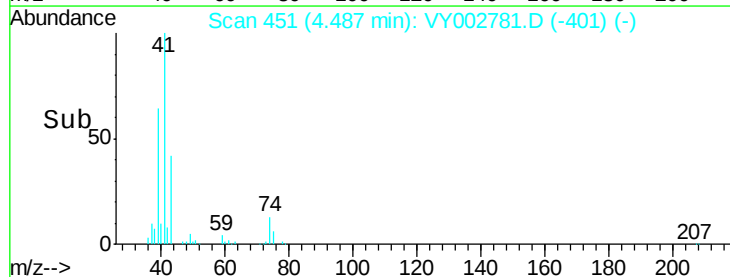
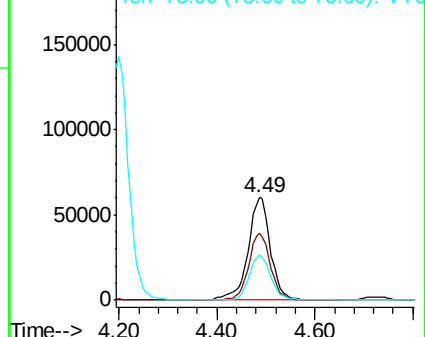
41 100

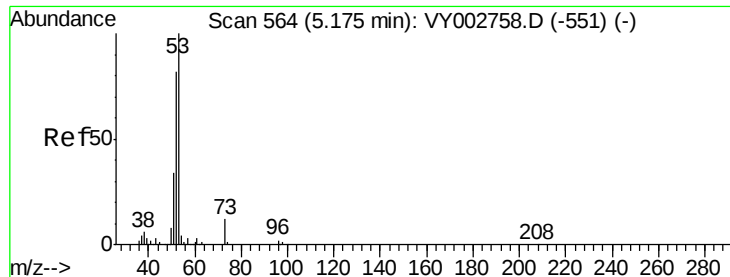
39 63.5 49.9 74.9

76 41.9 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: 256.794 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

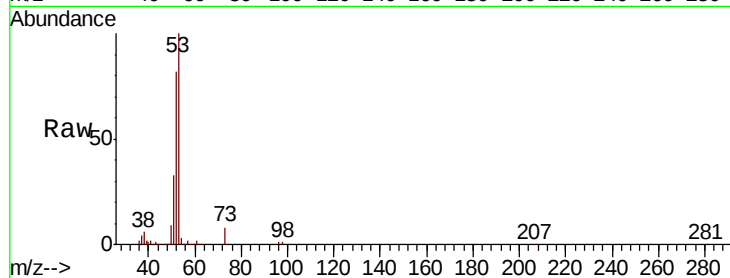
Tot Ion: 53 Resp: 197304

Ion Ratio Lower Upper

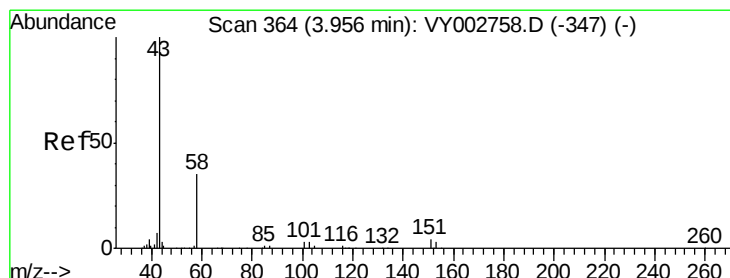
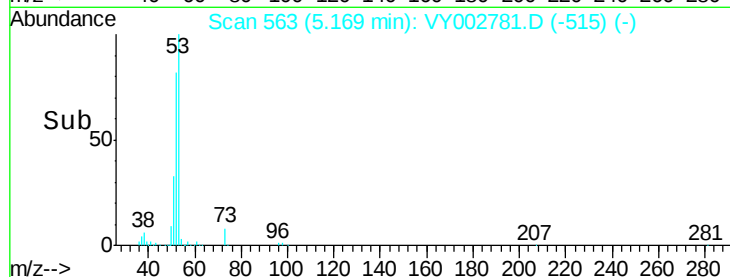
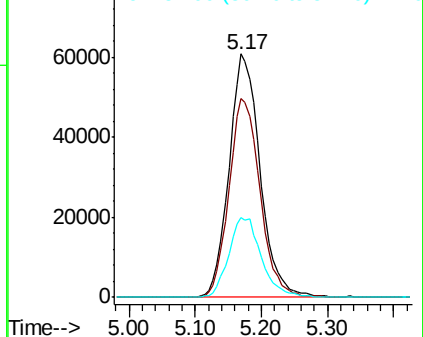
53 100

52 82.0 65.3 97.9

51 34.6 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: 285.552 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002781.D

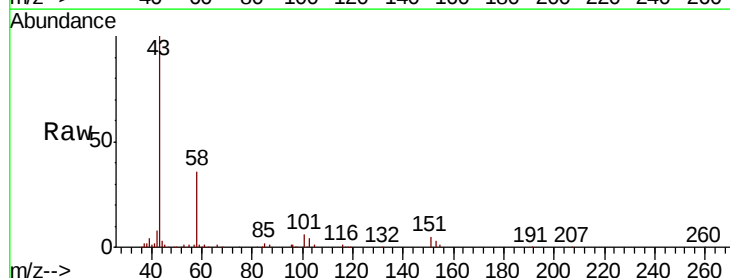
Acq: 28 May 2020 10:10

Tgt Ion: 43 Resp: 177985

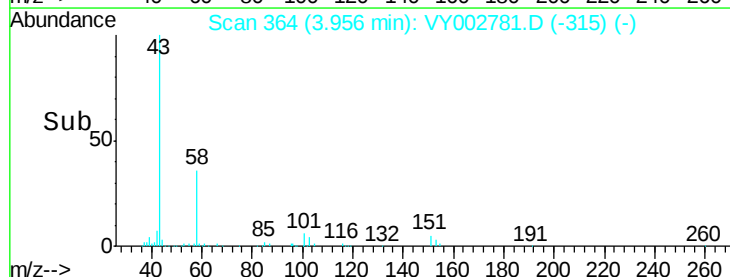
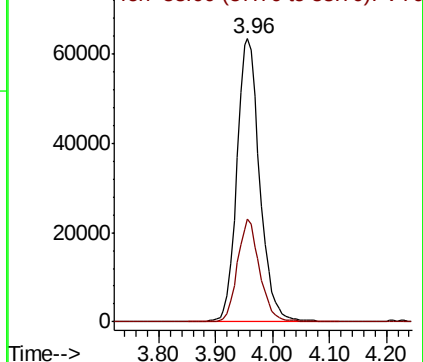
Ion Ratio Lower Upper

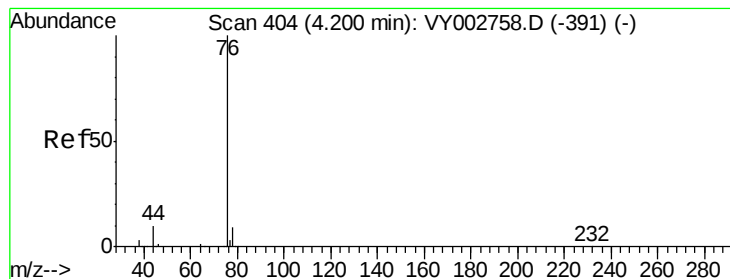
43 100

58 36.3 27.7 41.5



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





#17

Carbon Disulfide

Concen: 49.594 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

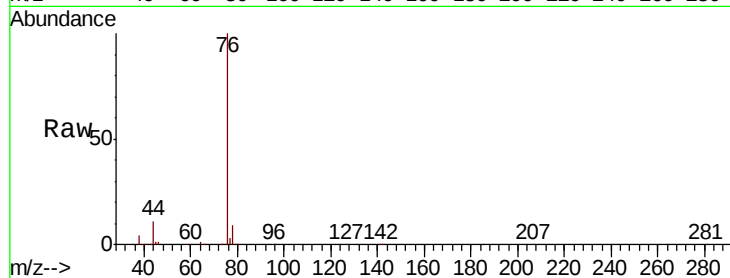
ClientSampleId :

Tot Ion: 76 Resp: 390305

Ion Ratio Lower Upper

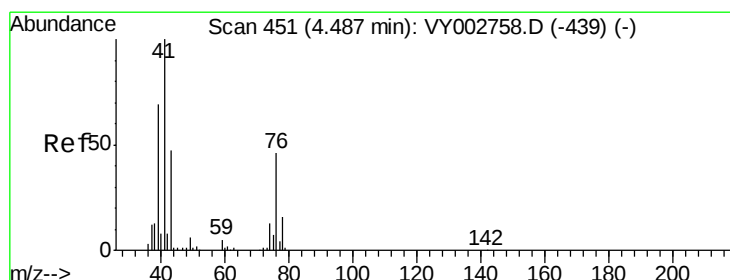
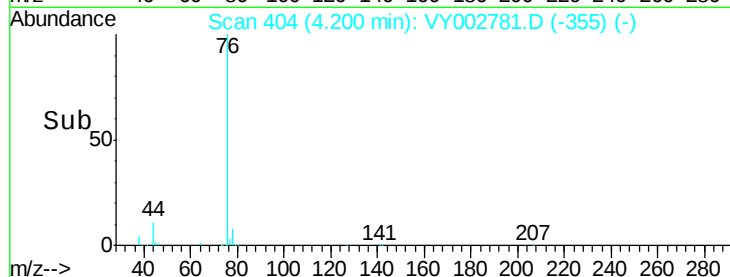
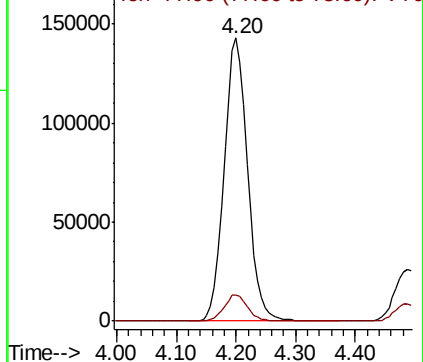
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.761 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002781.D

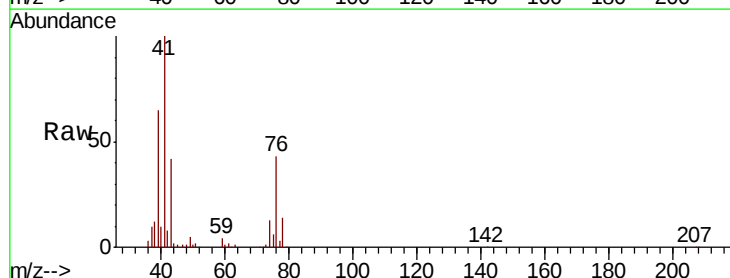
Acq: 28 May 2020 10:10

Tgt Ion: 43 Resp: 77834

Ion Ratio Lower Upper

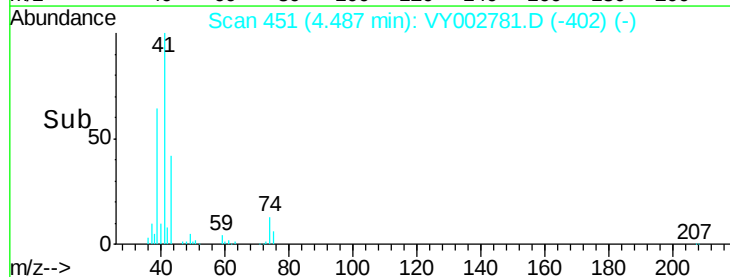
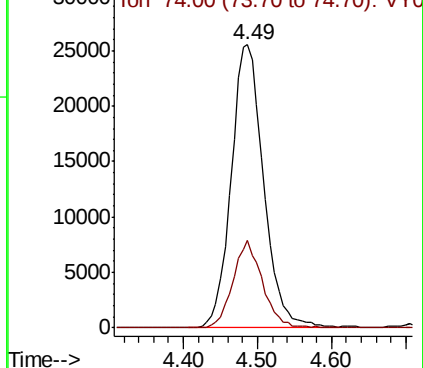
43 100

74 28.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



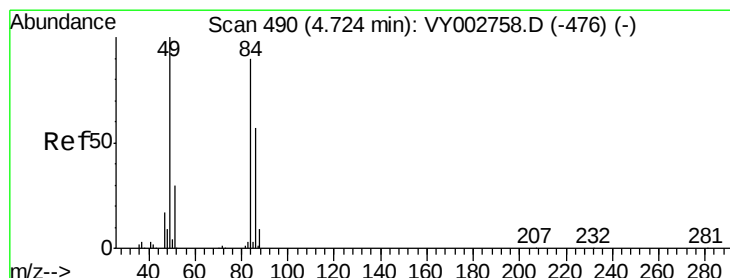
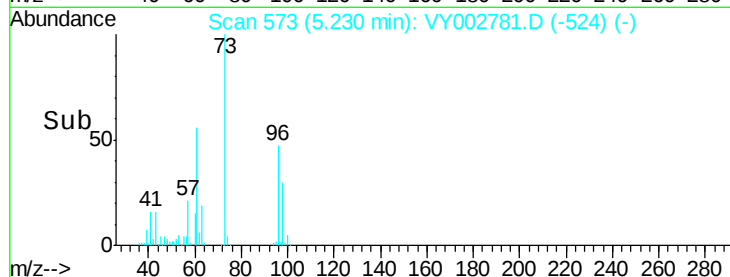
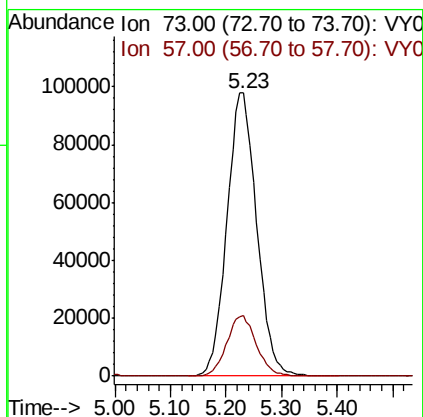
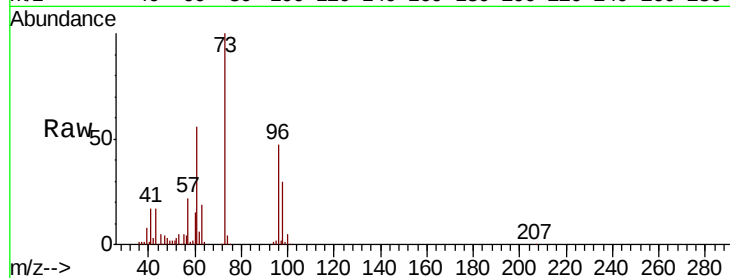


#19

Methyl tert-butyl Ether
 Concen: 50.331 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampled :

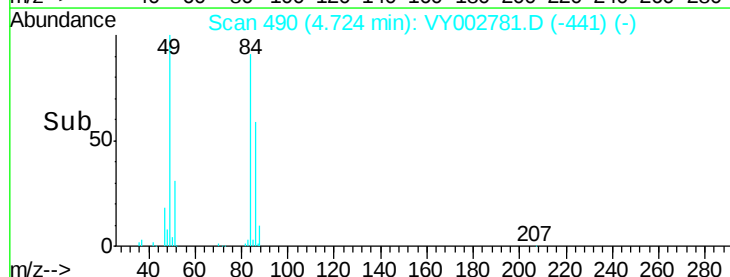
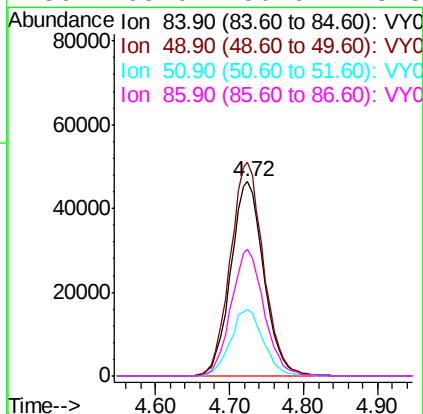
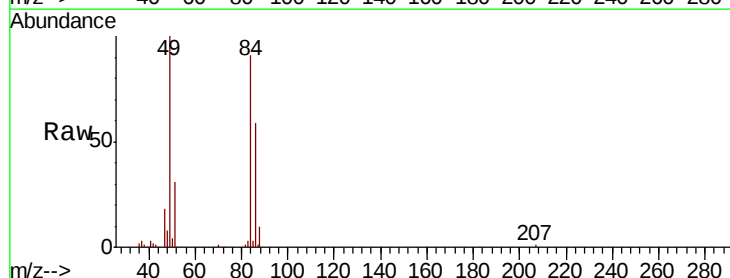
Tot Ion: 73 Resp: 361869
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.0 25.4



#20

Methylene Chloride
 Concen: 47.341 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 84 Resp: 144203
 Ion Ratio Lower Upper
 84 100
 49 110.1 88.5 132.7
 51 34.4 26.8 40.2
 86 65.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.848 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

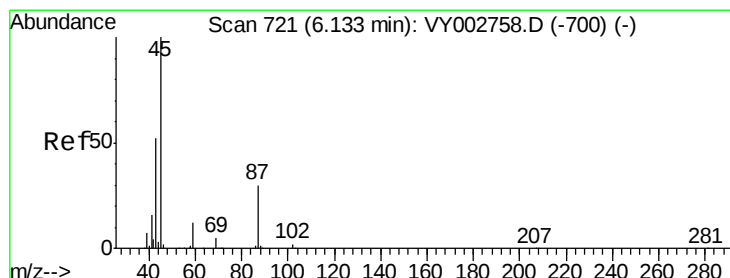
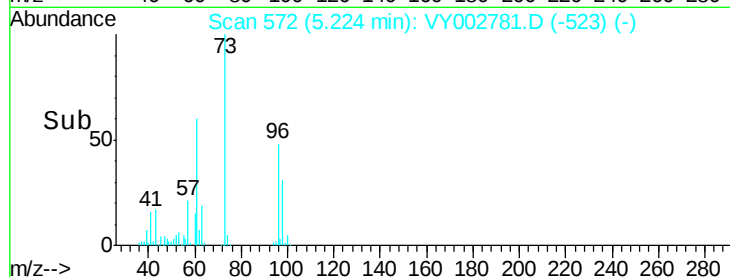
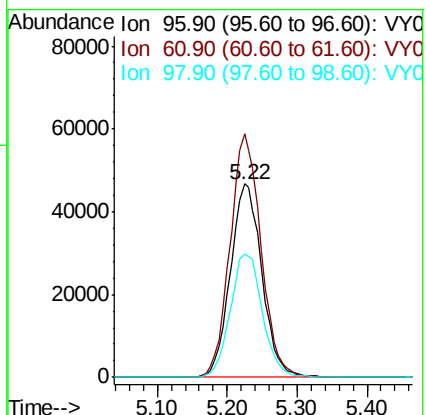
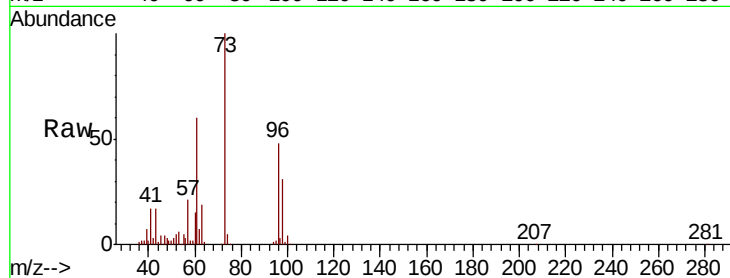
Tot Ion: 96 Resp: 145999

Ion Ratio Lower Upper

96 100

61 126.1 96.8 145.2

98 64.1 49.4 74.0



#22

Diisopropyl ether

Concen: 51.236 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Tgt Ion: 45 Resp: 397698

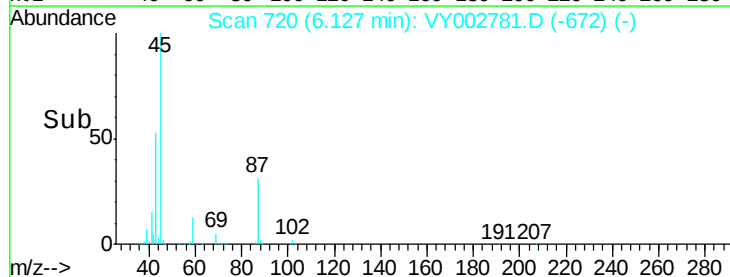
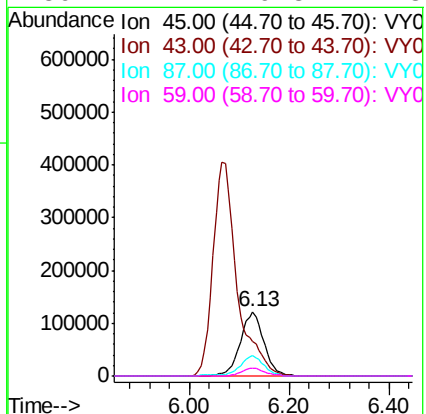
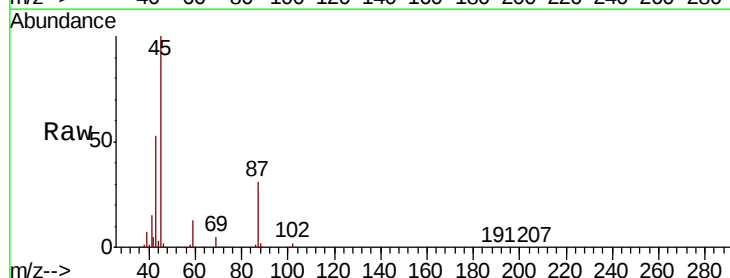
Ion Ratio Lower Upper

45 100

43 53.2 41.7 62.5

87 31.4 24.2 36.2

59 12.7 9.8 14.8





#23

Vinyl Acetate

Concen: 264.372 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

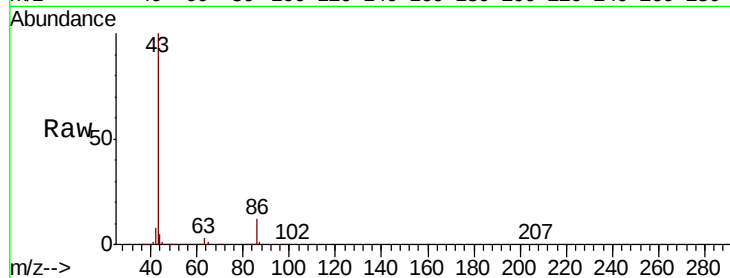
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1354840

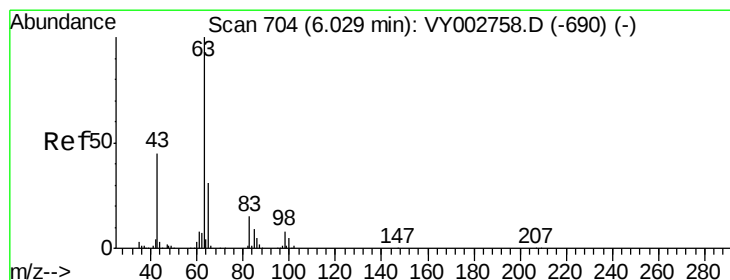
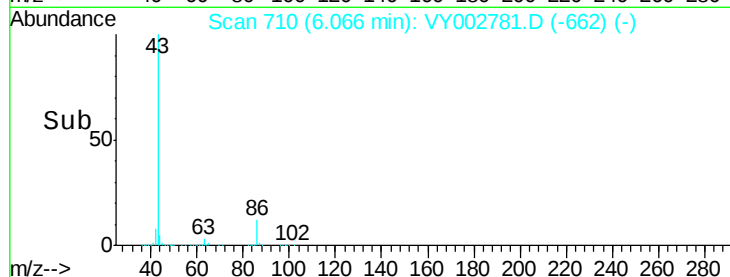
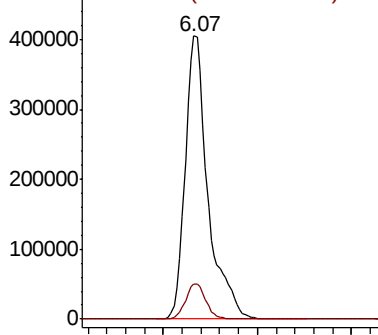
Ion Ratio Lower Upper

43 100

86 12.5 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: 51.002 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

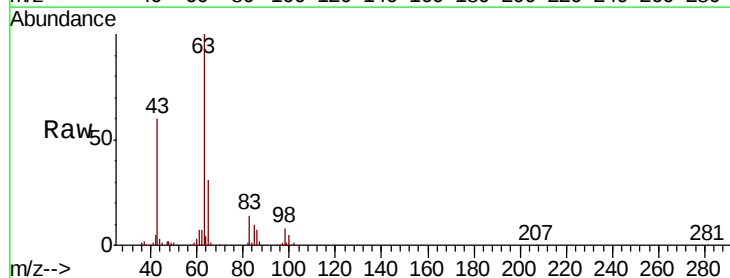
Tgt Ion: 63 Resp: 231584

Ion Ratio Lower Upper

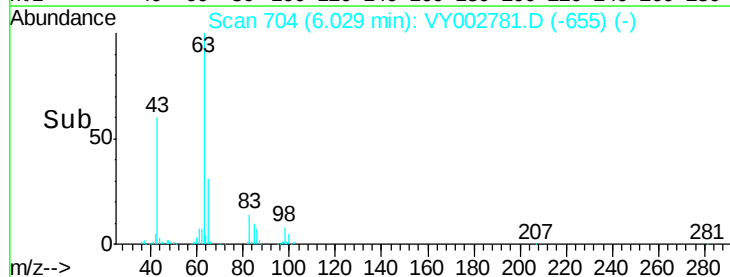
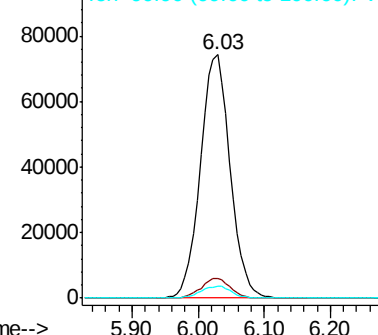
63 100

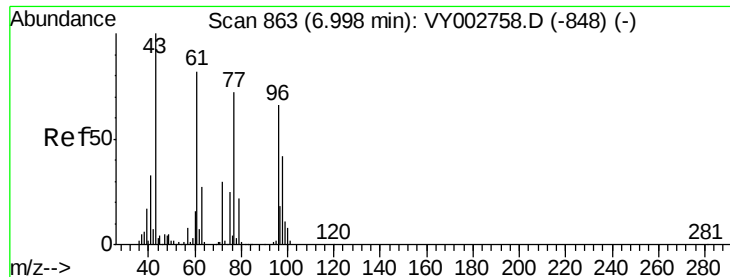
98 7.8 4.0 12.2

100 4.8 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: 262.625 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

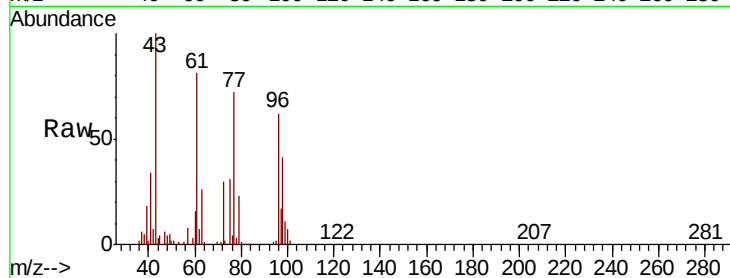
ClientSampled :

Tot Ion: 43 Resp: 255036

Ion Ratio Lower Upper

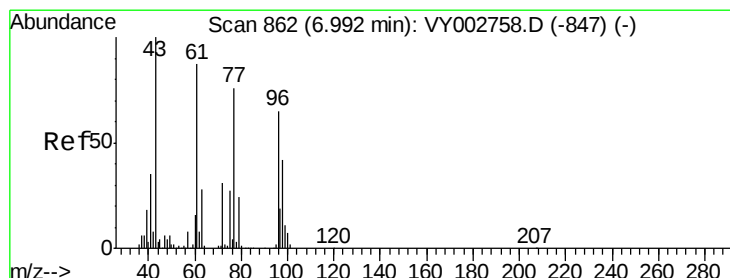
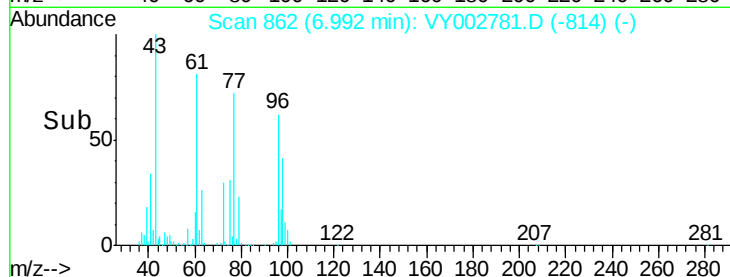
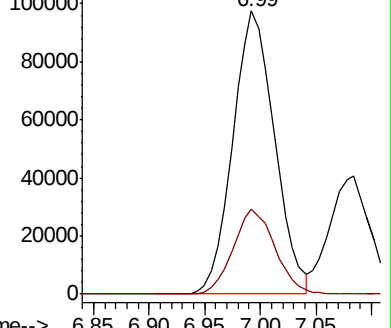
43 100

72 29.9 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.819 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002781.D

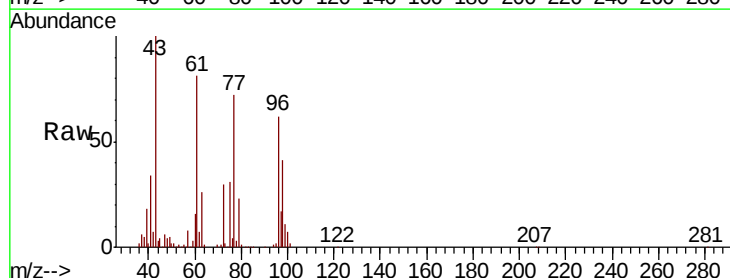
Acq: 28 May 2020 10:10

Tgt Ion: 77 Resp: 216951

Ion Ratio Lower Upper

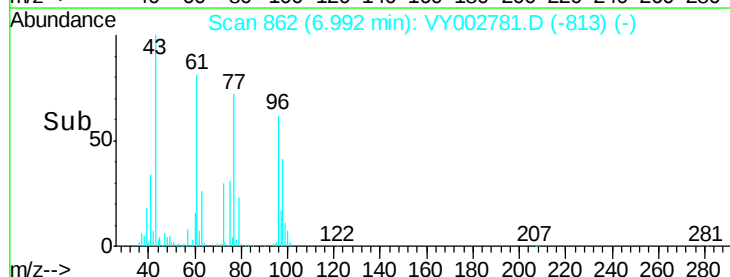
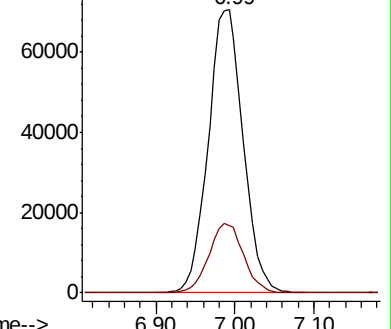
77 100

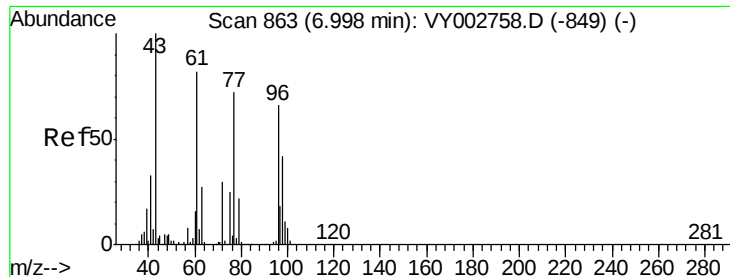
97 24.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



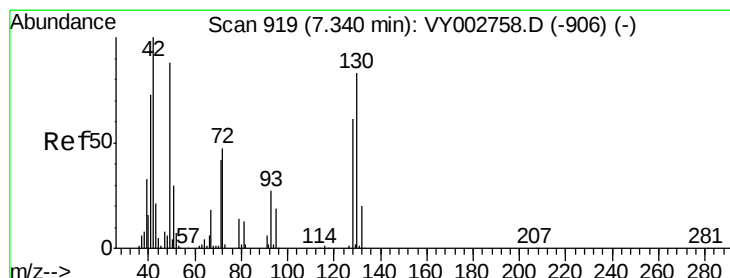
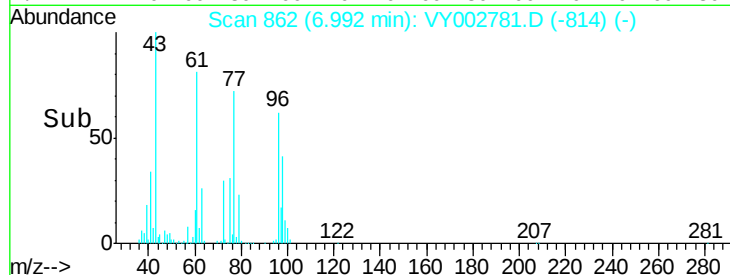
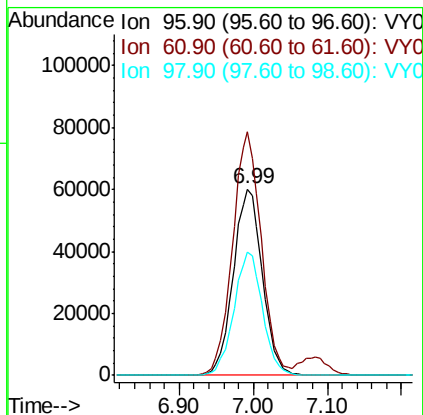
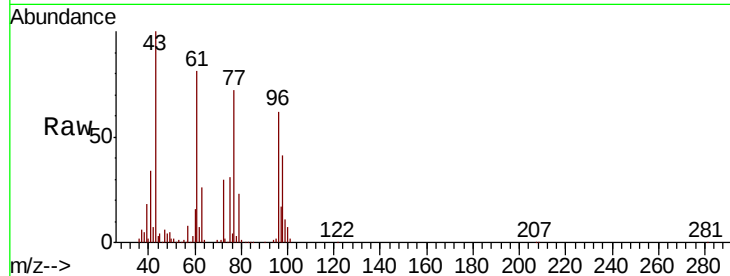


#27

cis-1,2-Dichloroethene
 Concen: 49.988 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampled :

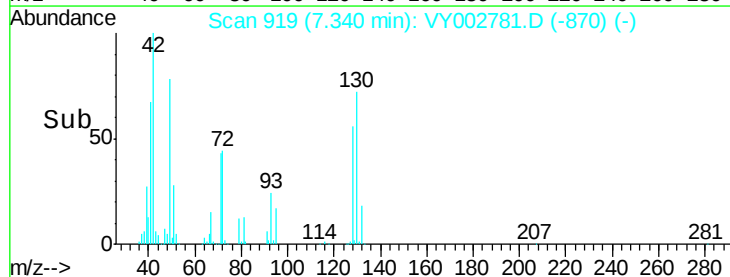
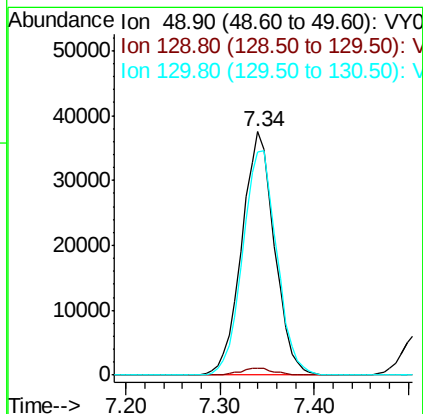
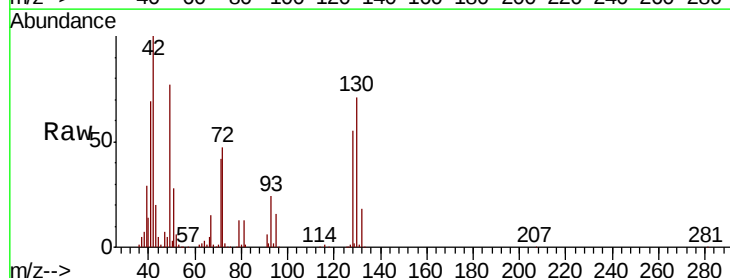
Tot Ion: 96 Resp: 163900
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 260.2
 98 65.2 0.0 128.2

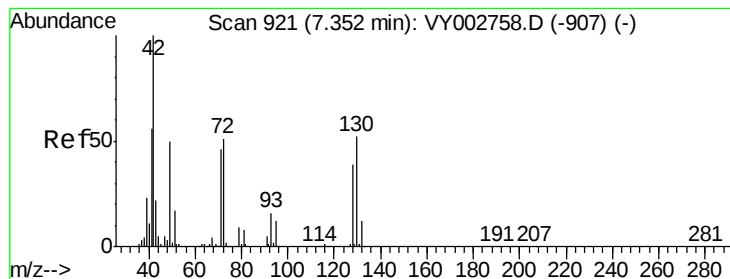


#28

Bromochloromethane
 Concen: 49.068 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 49 Resp: 91463
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 95.8 77.1 115.7





#29

Tetrahydrofuran

Concen: 257.566 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

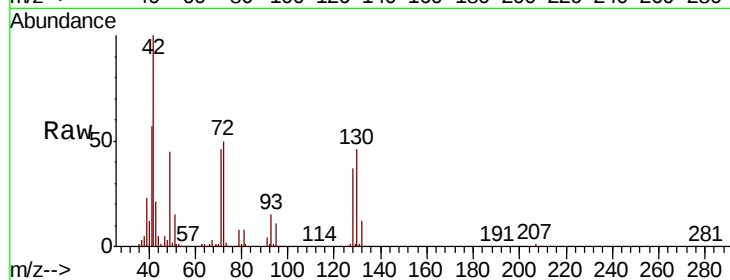
Tot Ion: 42 Resp: 162696

Ion Ratio Lower Upper

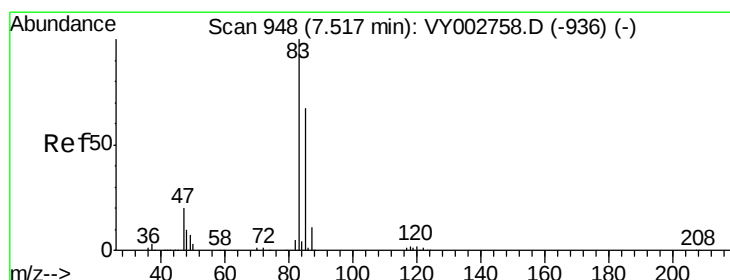
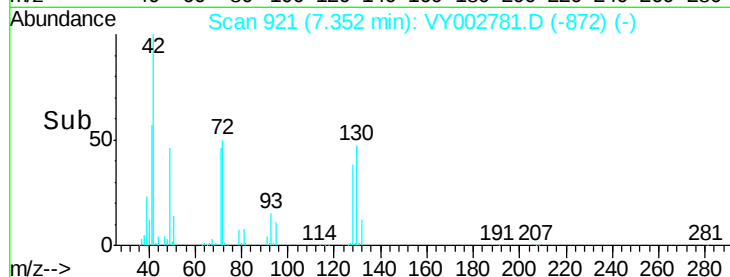
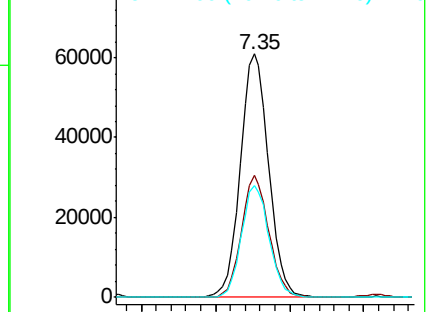
42 100

72 48.4 38.6 58.0

71 44.7 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: 51.327 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002781.D

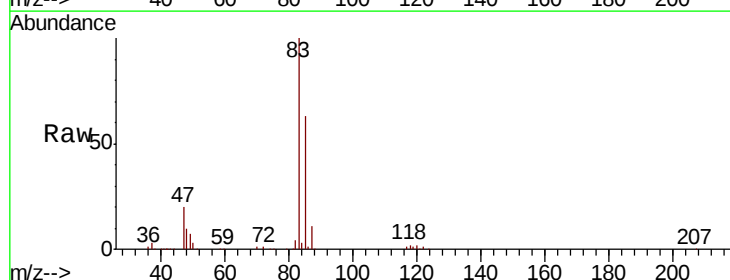
Acq: 28 May 2020 10:10

Tgt Ion: 83 Resp: 247306

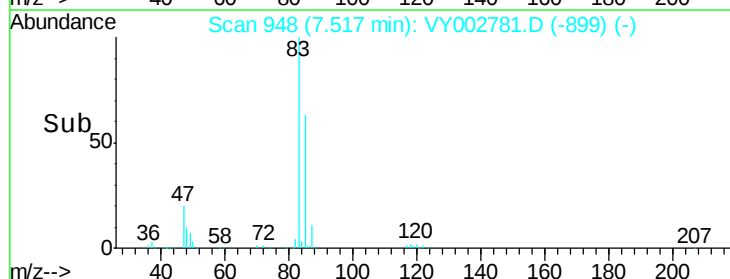
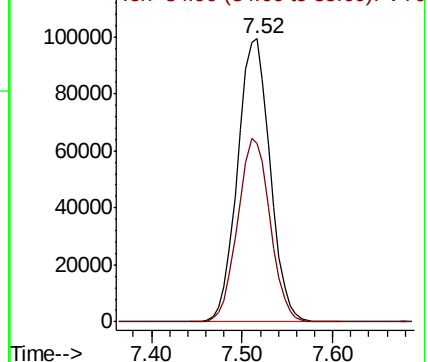
Ion Ratio Lower Upper

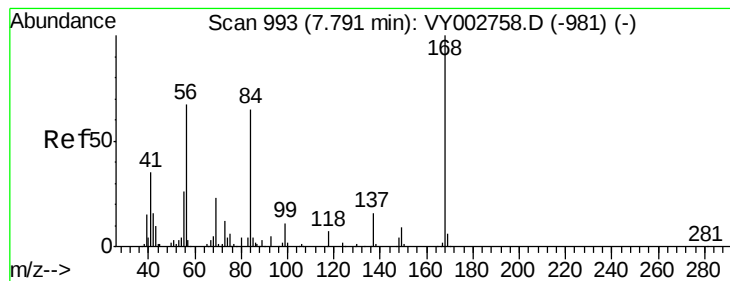
83 100

85 63.1 53.8 80.8



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





#31

Cyclohexane

Concen: 48.018 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

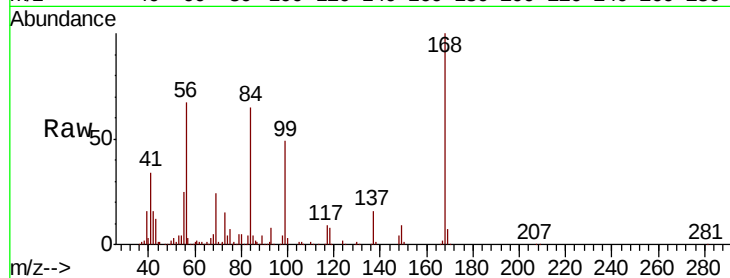
Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 216477

Ion	Ratio	Lower	Upper
56	100		
69	35.4	28.0	42.0
84	95.5	77.7	116.5

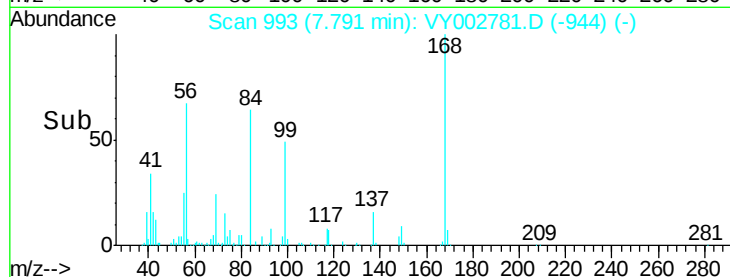


Abundance

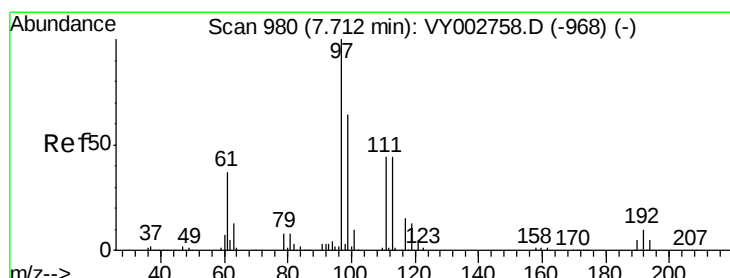
Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



Time-->



#32

1,1,1-Trichloroethane

Concen: 50.796 ug/l

RT: 7.71 min Scan# 979

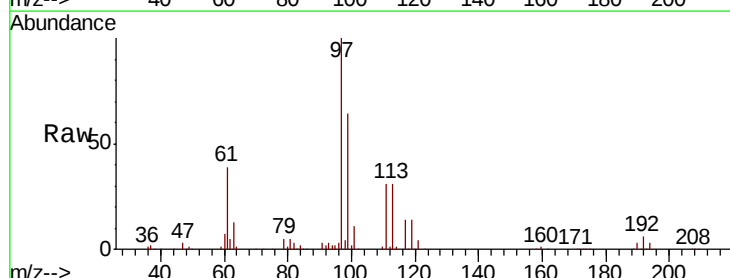
Delta R.T. -0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Tgt Ion: 97 Resp: 228072

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	37.8	30.1	45.1

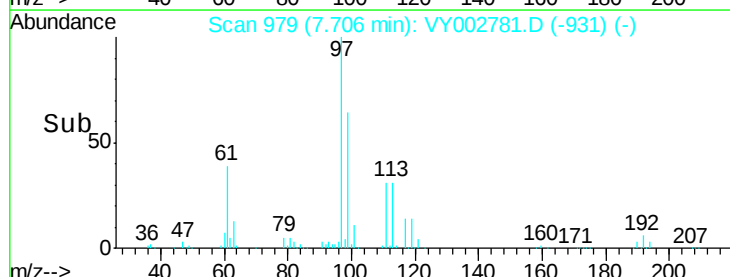


Abundance

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



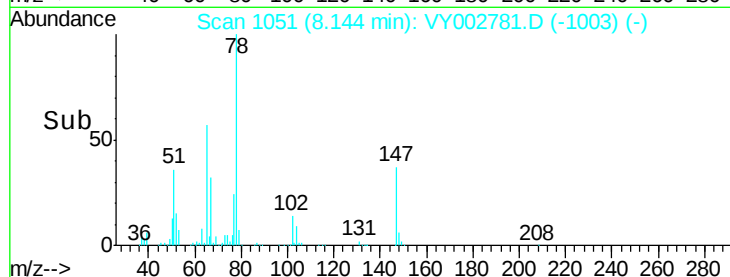
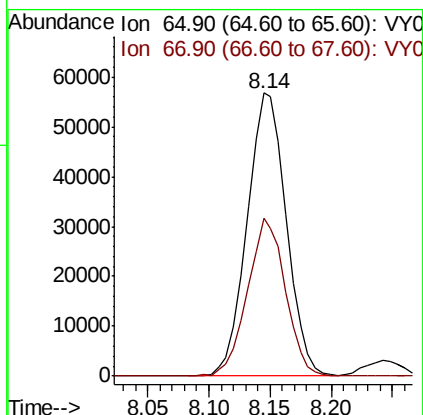
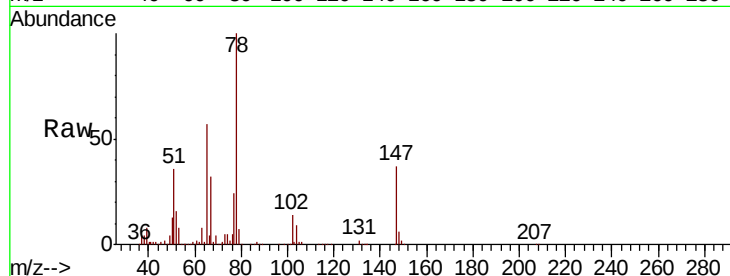
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 47.570 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

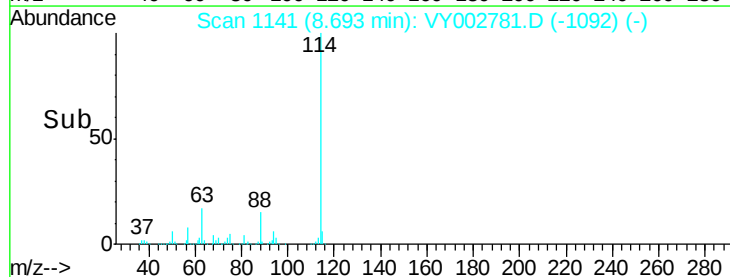
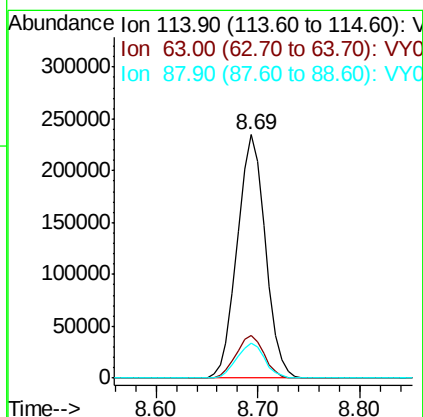
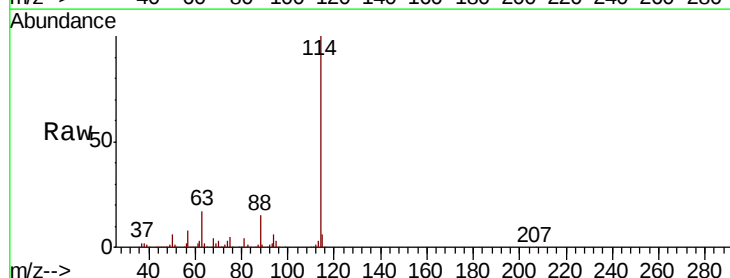
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 65 Resp: 126447
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 114 Resp: 447223
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.5 0.0 29.2

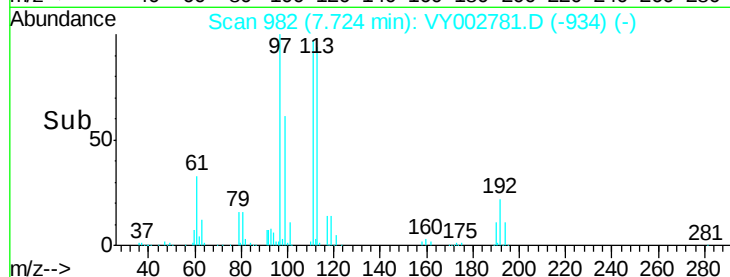
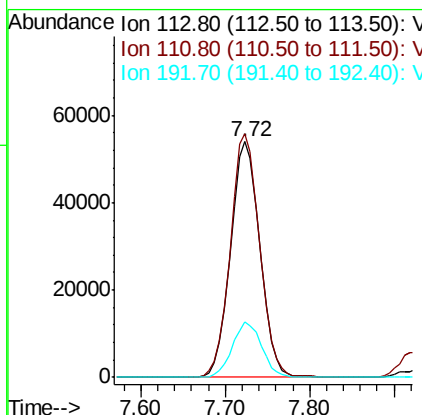
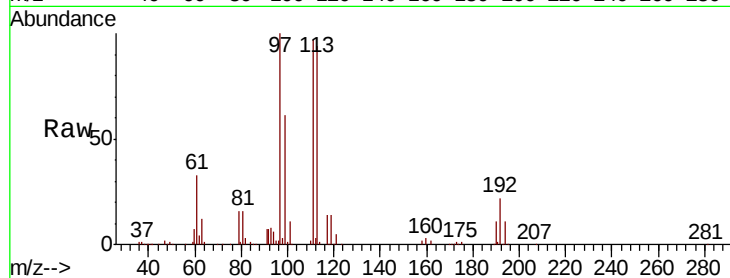




#35
 Dibromofluoromethane
 Concen: 48.500 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

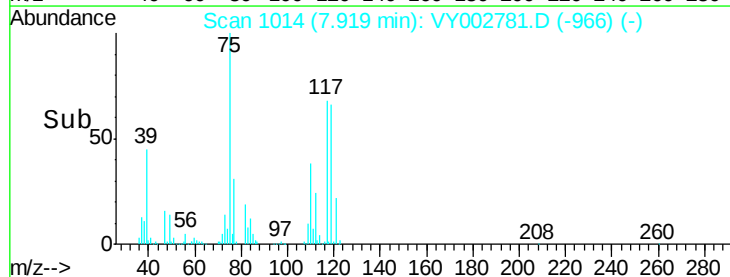
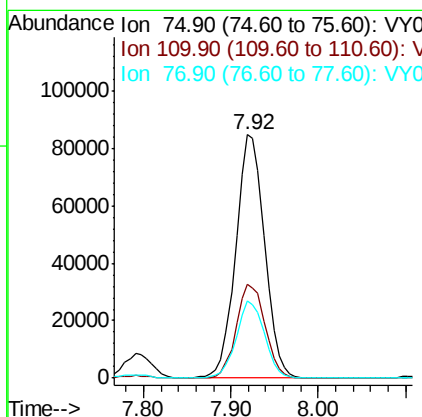
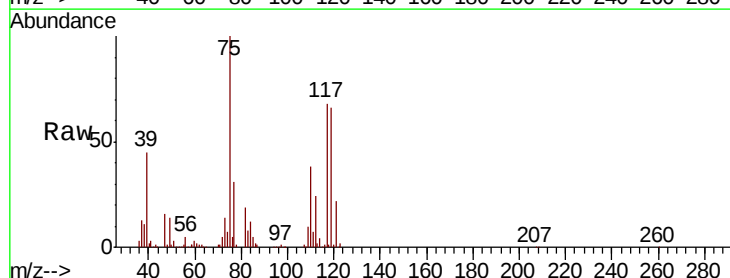
Instrument :
 MSVOA_Y
 ClientSampleId :

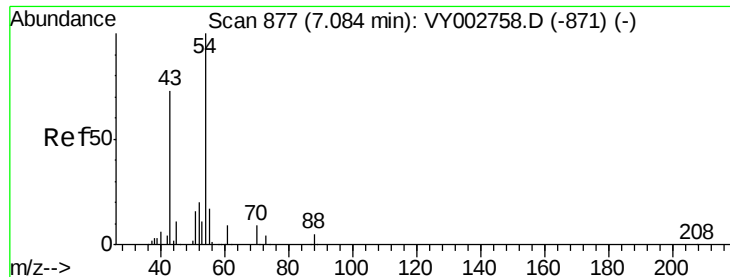
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 51.625 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.3	57.9
77	31.3	24.8	37.2

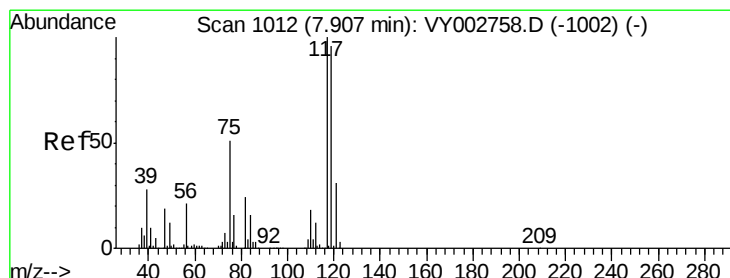
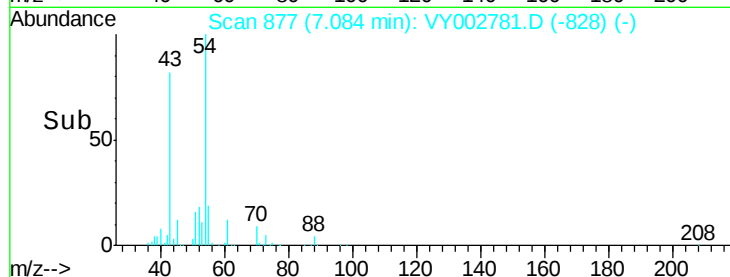
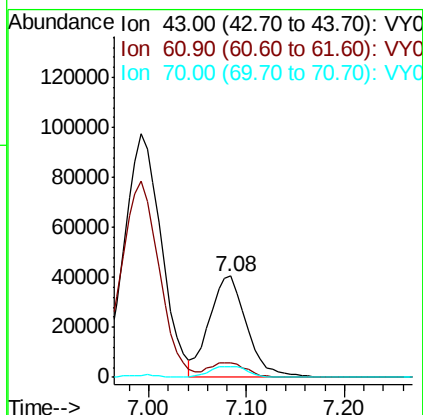
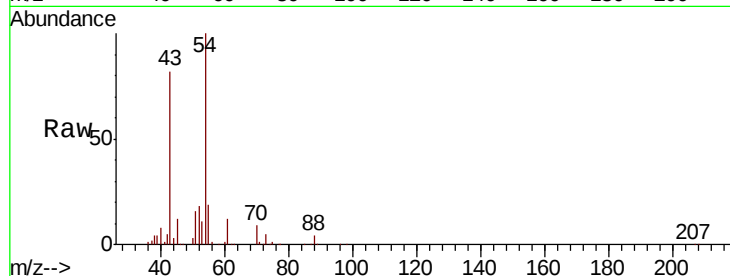




#37
Ethyl Acetate
Concen: 52.172 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

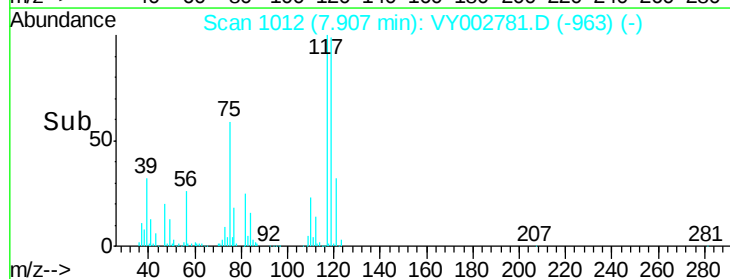
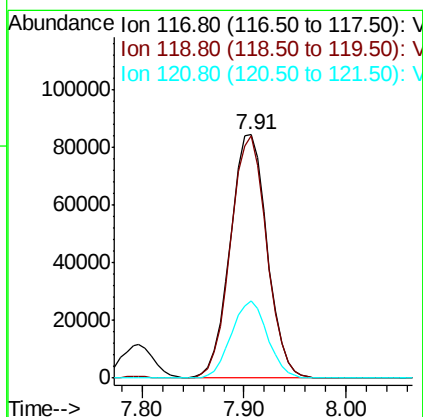
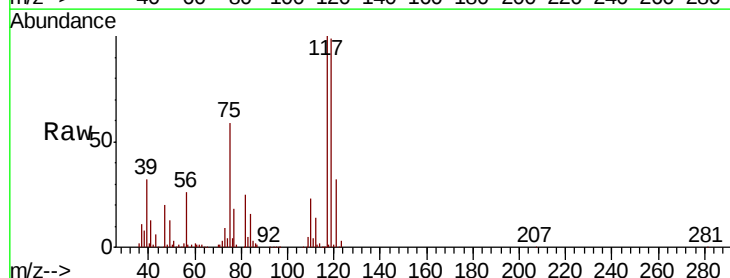
Instrument :
MSVOA_Y
ClientSampleId :

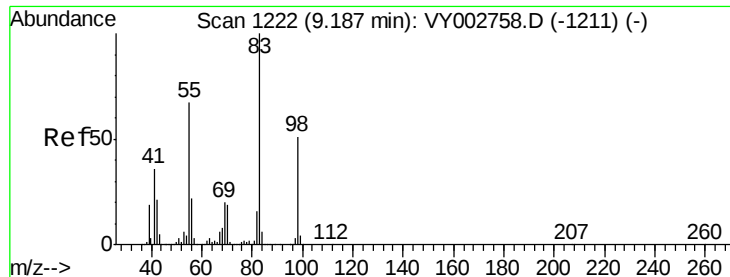
Tot Ion: 43 Resp: 106936
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.635 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 117 Resp: 211912
Ion Ratio Lower Upper
117 100
119 99.3 76.8 115.2
121 31.9 24.8 37.2

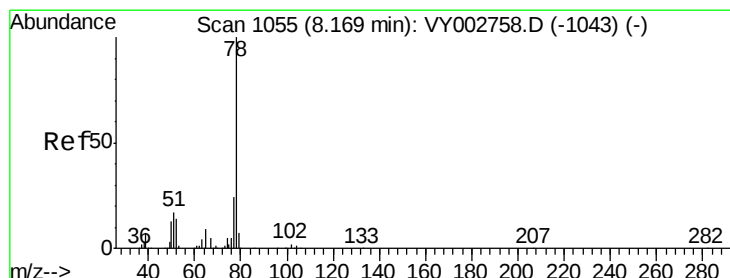
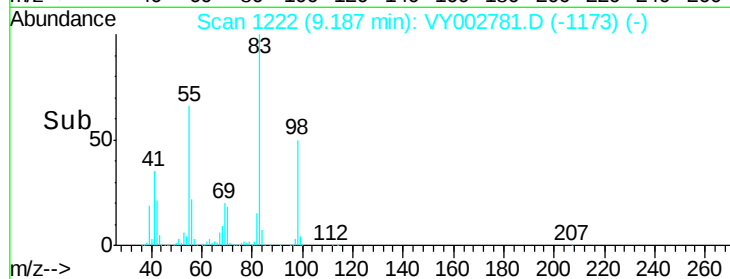
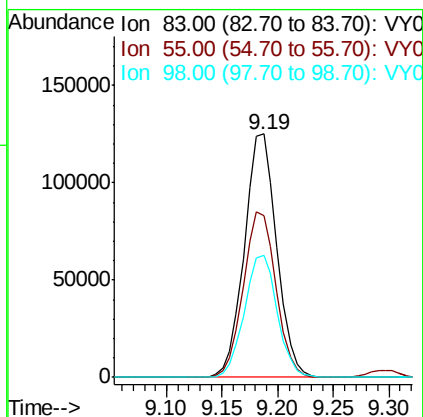
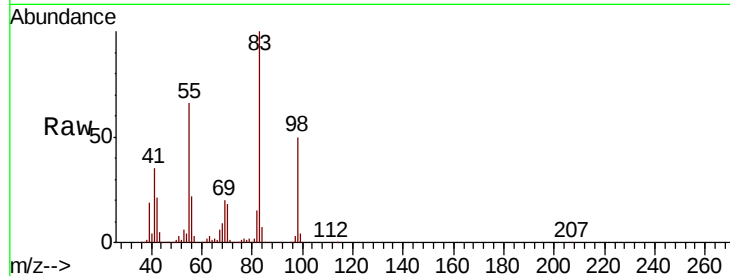




#39
Methvlcvclohexane
Concen: 50.929 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

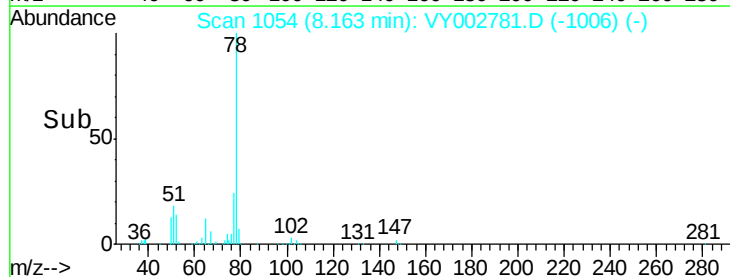
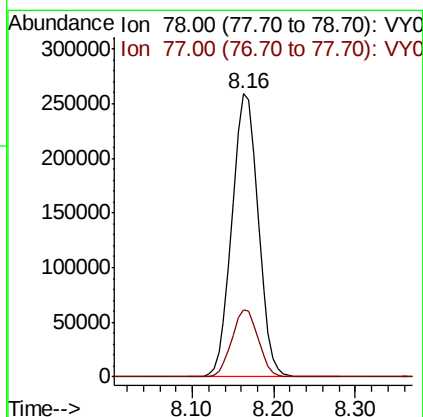
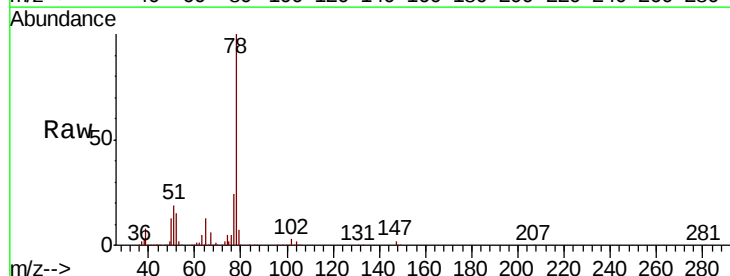
Instrument :
MSVOA_Y
ClientSampleId :

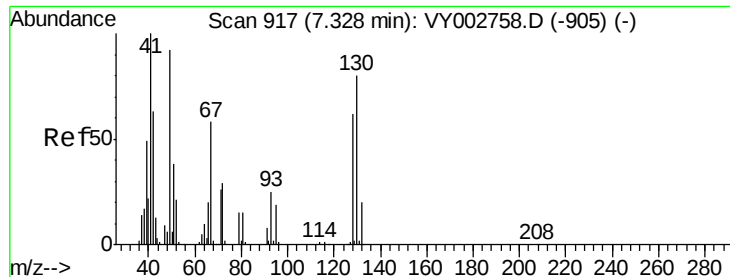
Tot Ion	Ratio	Lower	Upper
83	100		
55	66.4	53.3	79.9
98	50.2	41.1	61.7



#40
Benzene
Concen: 51.584 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

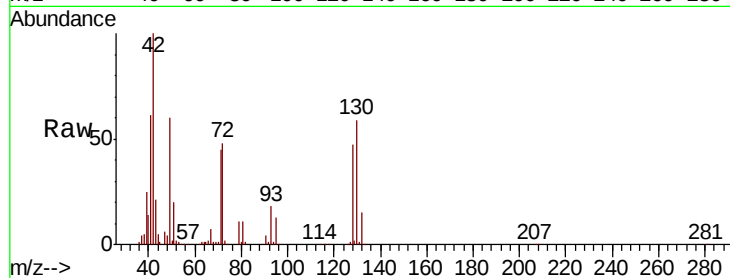




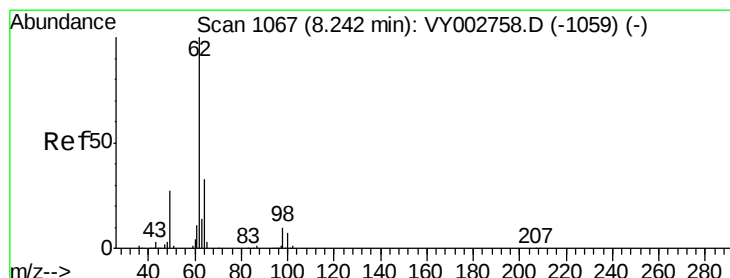
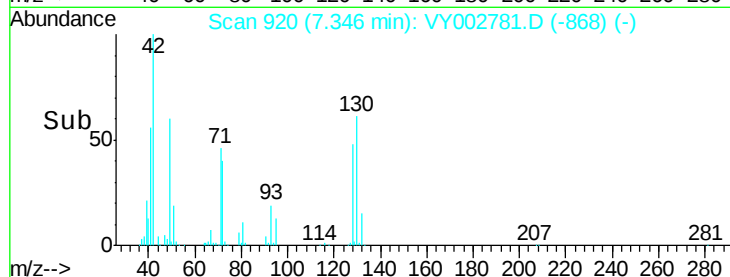
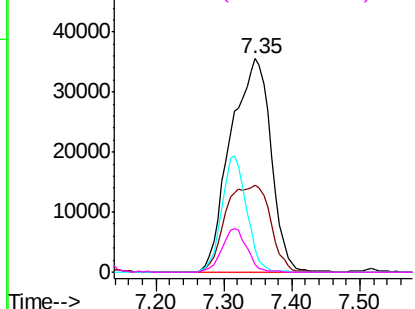
#41
Methacrylonitrile
Concen: 133.524 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 147030
Ion Ratio Lower Upper
41 100
39 44.8 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

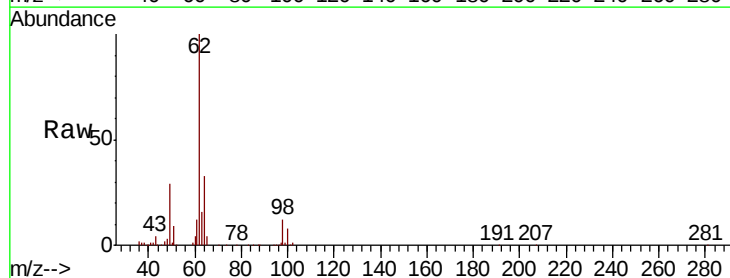


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

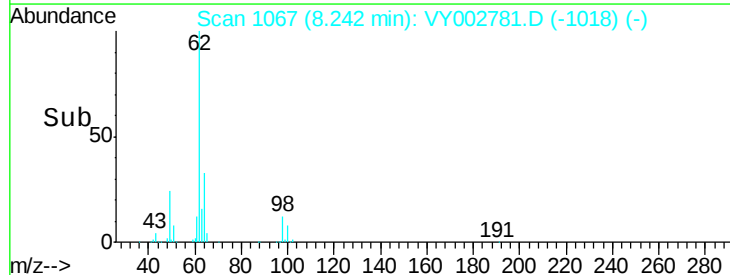
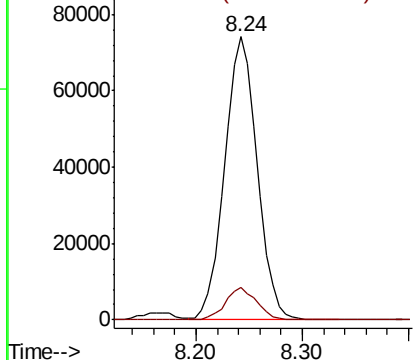


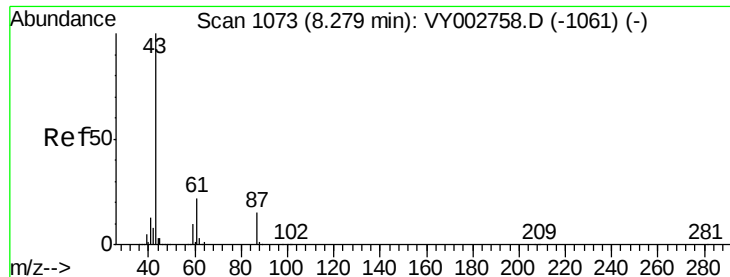
#42
1,2-Dichloroethane
Concen: 50.794 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 62 Resp: 158461
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.6



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



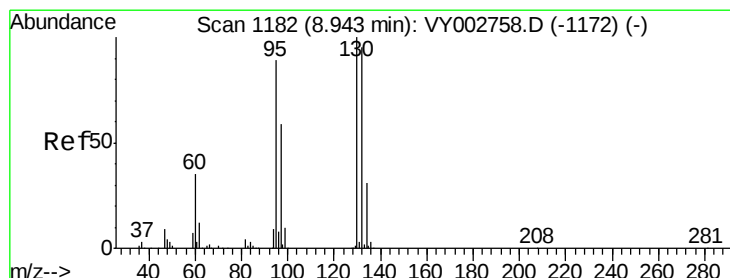
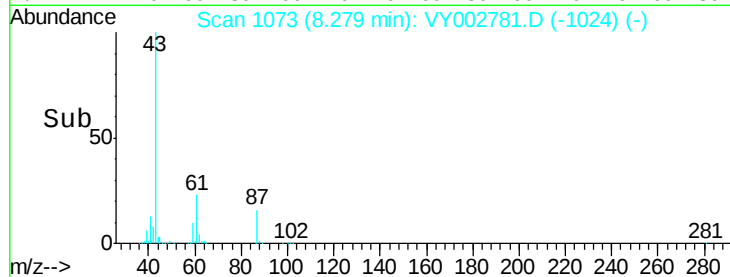
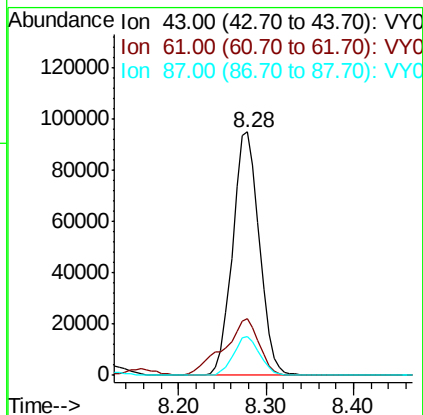
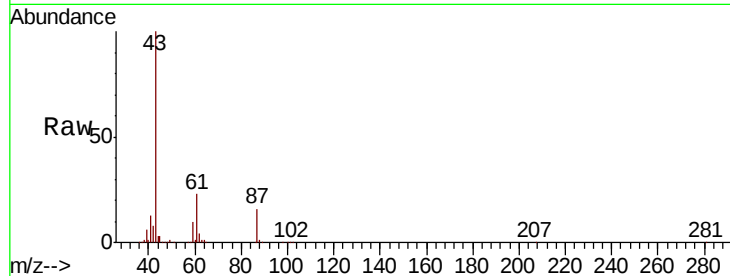


#43

Isopropyl Acetate
 Concen: 51.927 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

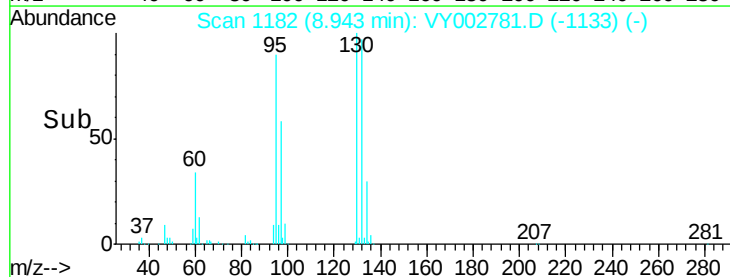
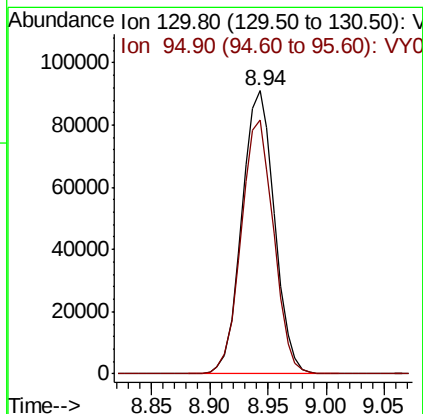
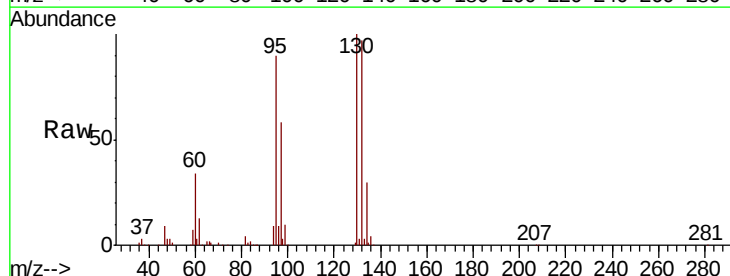
Tot Ion	43	Resp	201695
Ion Ratio	Lower	Upper	
43	100		
61	30.8	24.8	37.2
87	15.7	12.4	18.6

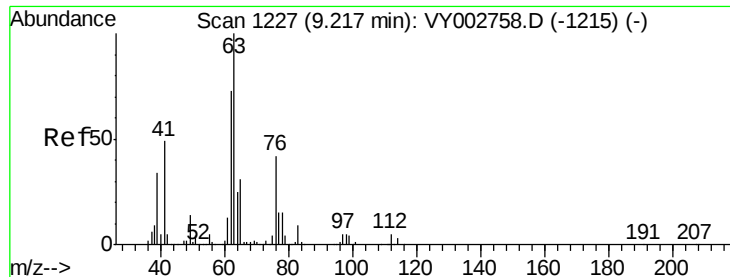


#44

Trichloroethene
 Concen: 50.697 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion	130	Resp	178259
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	178.8

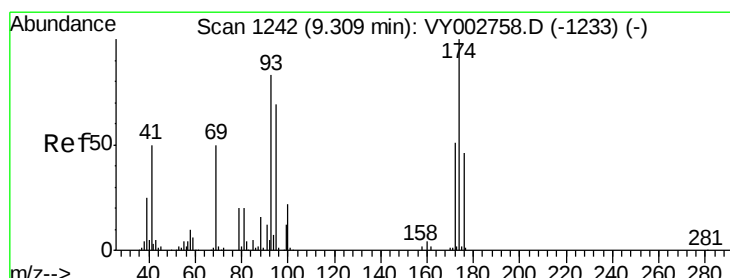
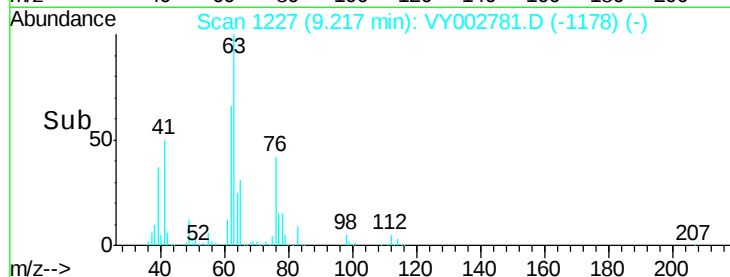
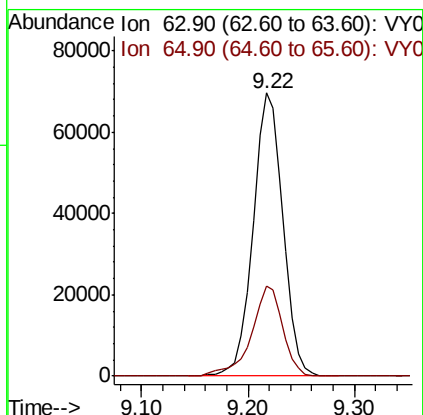
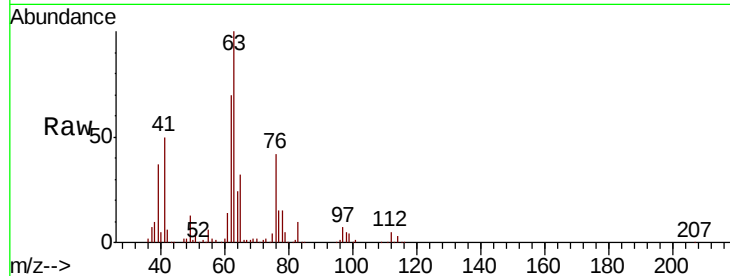




#45
 1,2-Dichloropropane
 Concen: 51.210 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

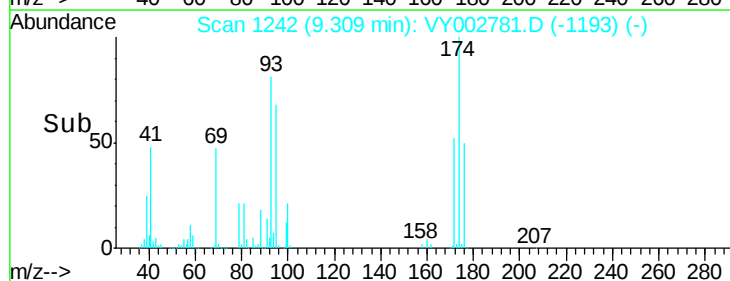
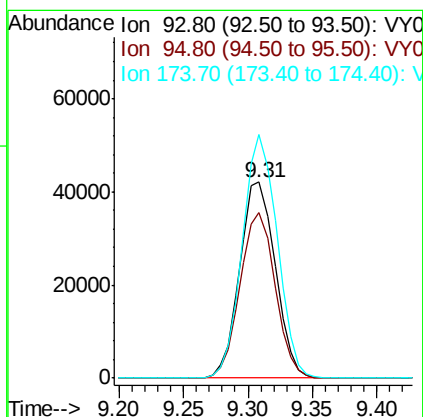
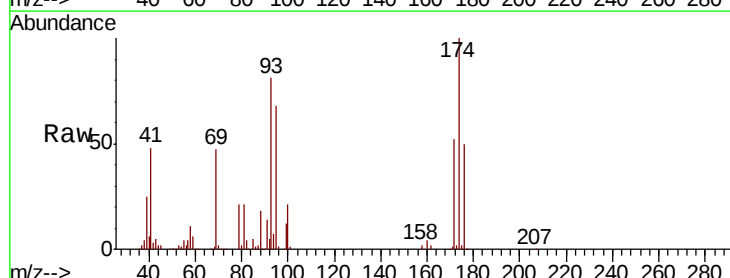
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 63 Resp: 136704
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 51.093 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 93 Resp: 81002
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.9 100.3
 174 120.8 97.7 146.5





#47

Bromodichloromethane

Concen: 52.358 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

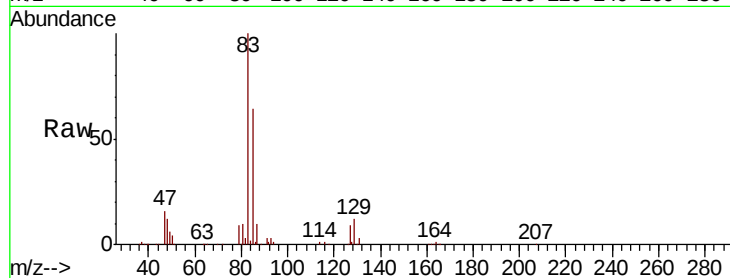
Tot Ion: 83 Resp: 195684

Ion Ratio Lower Upper

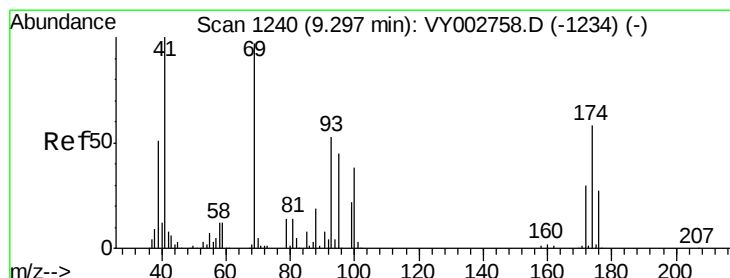
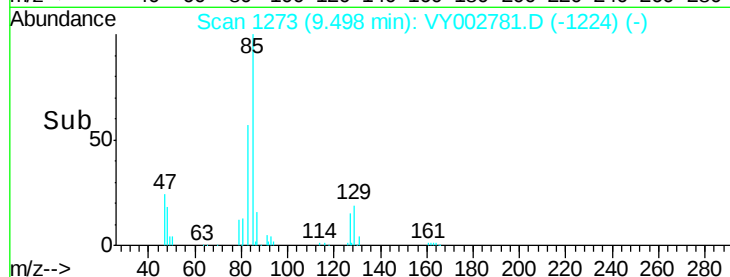
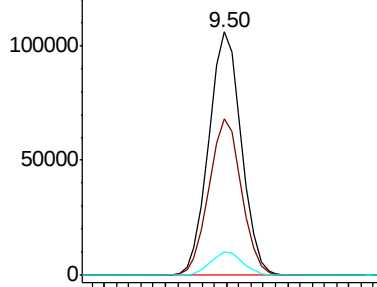
83 100

85 64.2 51.9 77.9

127 9.5 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: 52.609 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

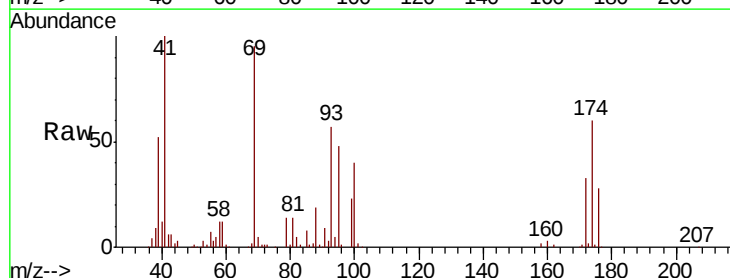
Tgt Ion: 41 Resp: 92246

Ion Ratio Lower Upper

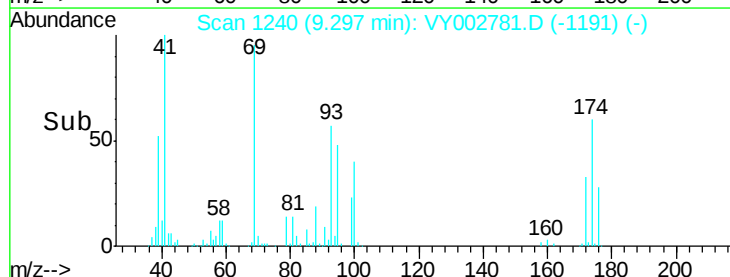
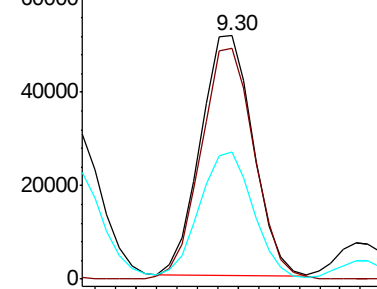
41 100

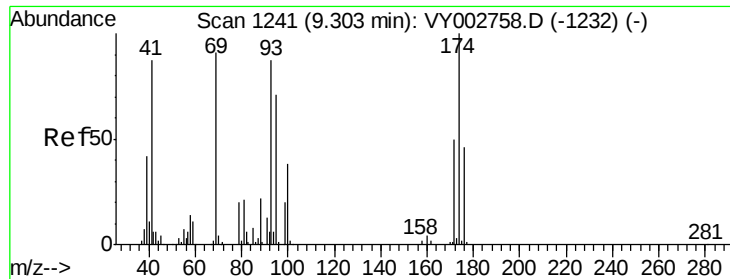
69 97.7 79.7 119.5

39 54.4 43.3 64.9



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

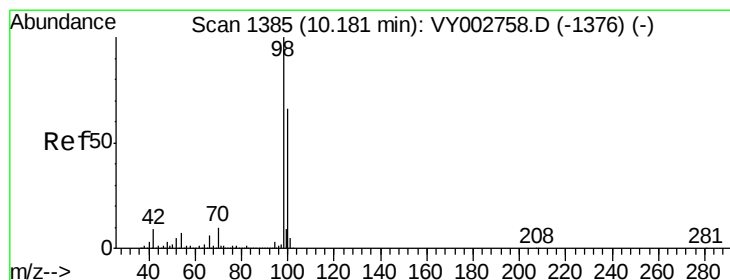
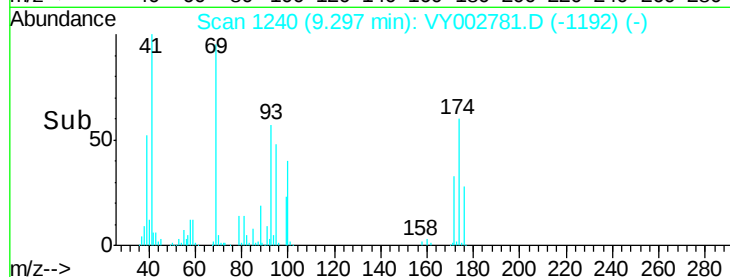
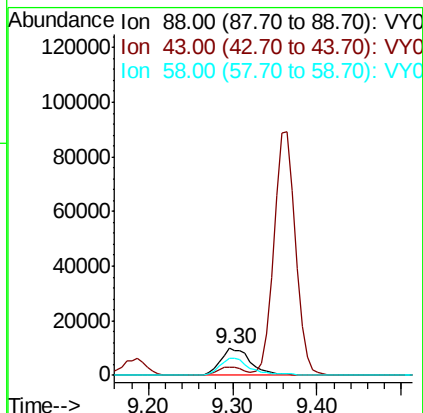
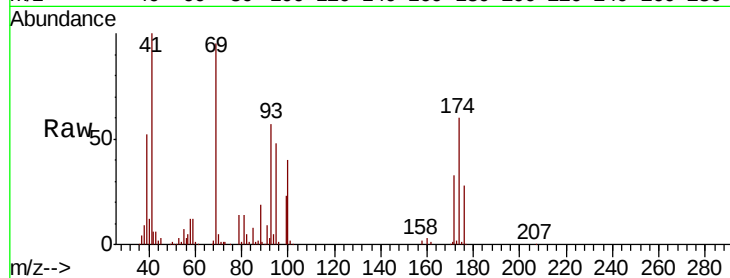




#49
1,4-Dioxane
Concen: 1021.247 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

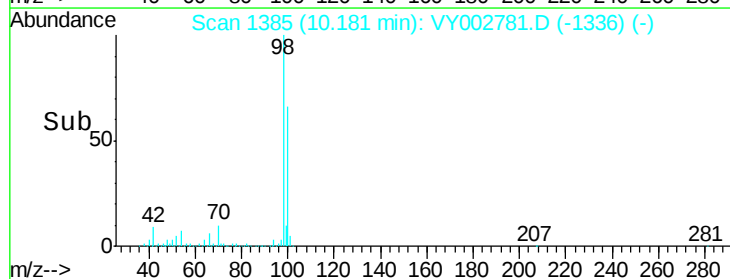
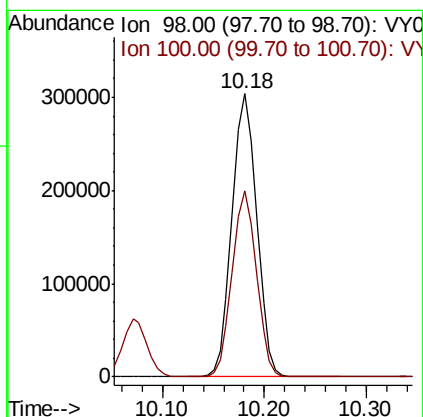
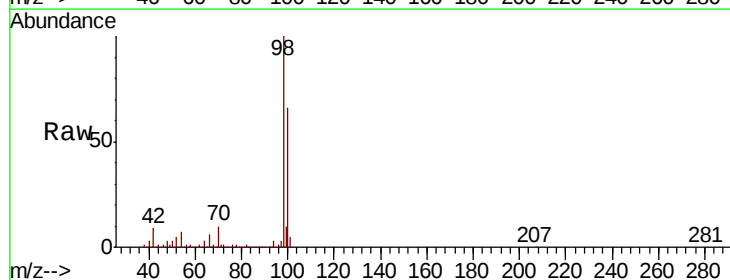
Instrument :
MSVOA_Y
ClientSampled :

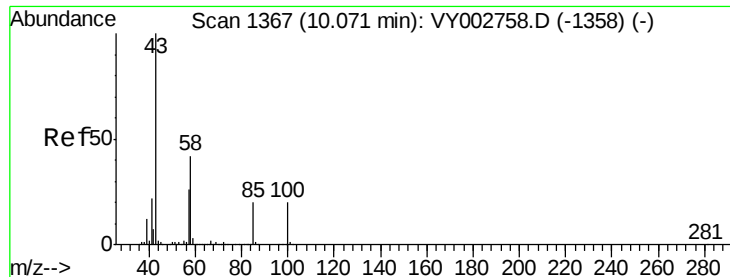
Tot Ion: 88 Resp: 24860
Ion Ratio Lower Upper
88 100
43 27.0 21.3 31.9
58 64.3 52.2 78.2



#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 98 Resp: 509670
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

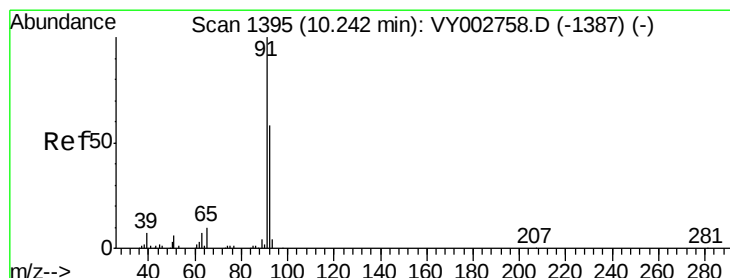
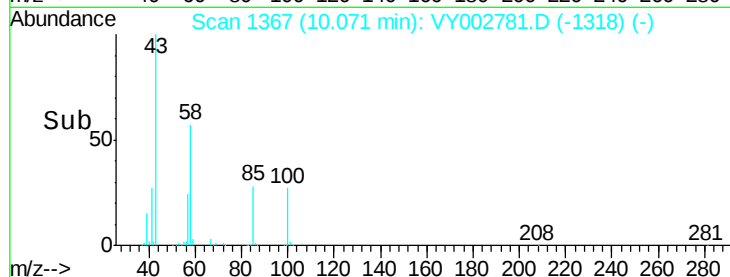
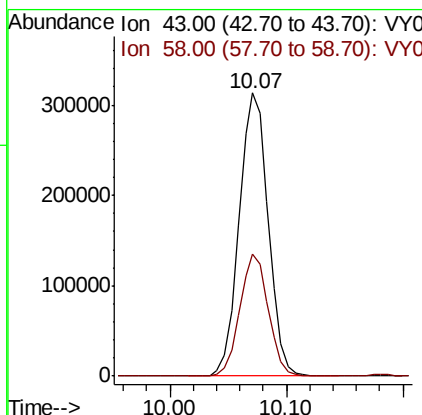
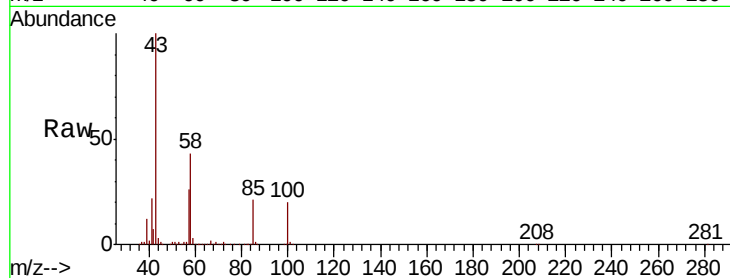




#51
4-Methyl-2-Pentanone
Concen: 264.096 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

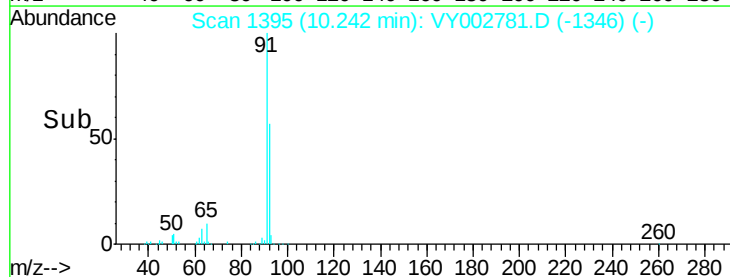
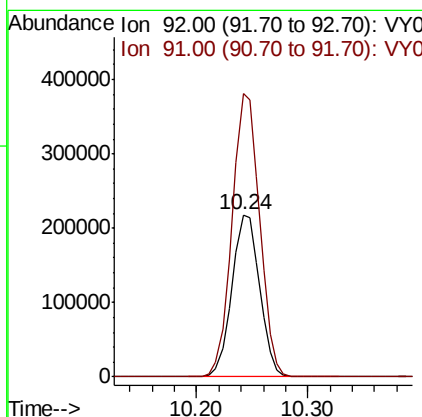
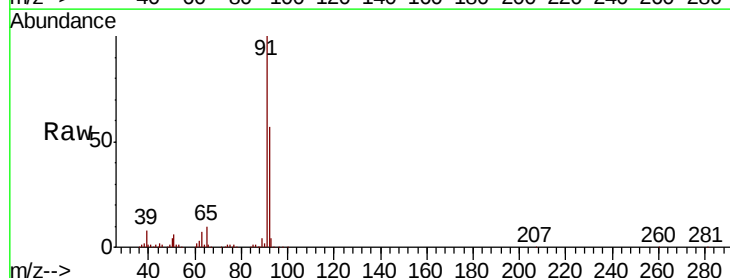
Instrument :
MSVOA_Y
ClientSampleId :

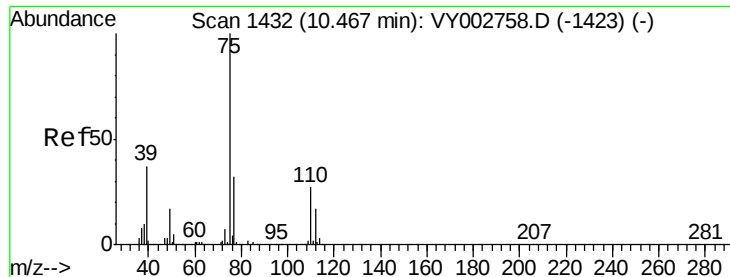
Tot Ion: 43 Resp: 543185
Ion Ratio Lower Upper
43 100
58 42.3 34.2 51.2



#52
Toluene
Concen: 51.563 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 92 Resp: 375485
Ion Ratio Lower Upper
92 100
91 173.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.907 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

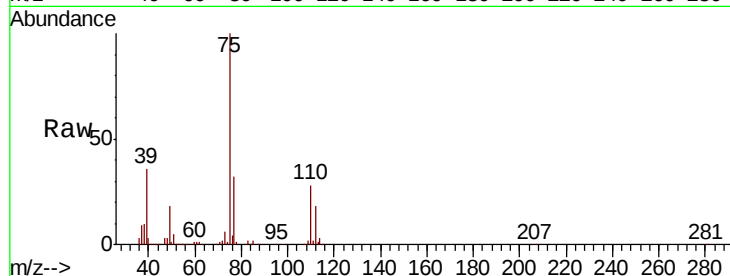
ClientSampled :

Tot Ion: 75 Resp: 211898

Ion Ratio Lower Upper

75 100

77 31.6 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

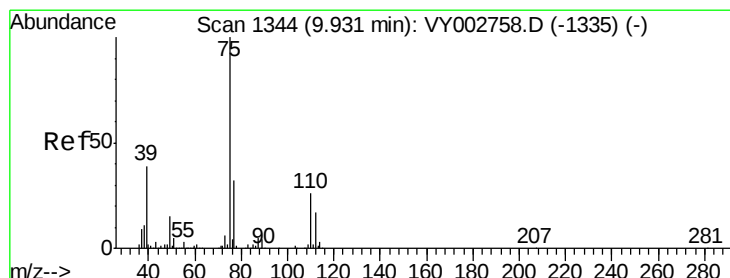
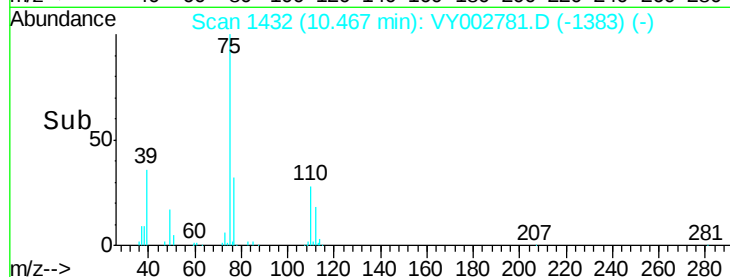
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.049 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

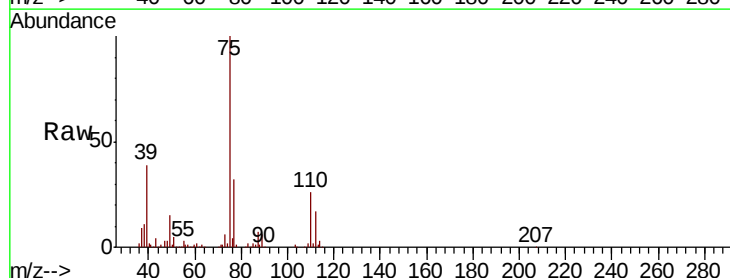
Tgt Ion: 75 Resp: 240758

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 39.2 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

9.93

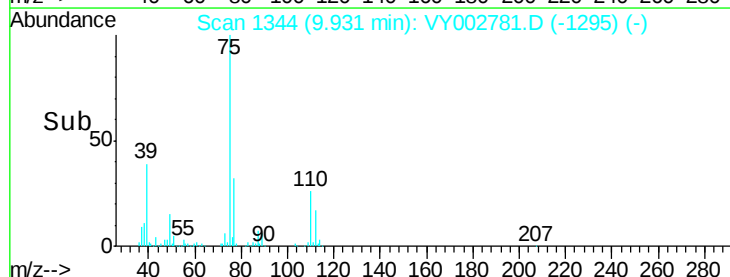
150000

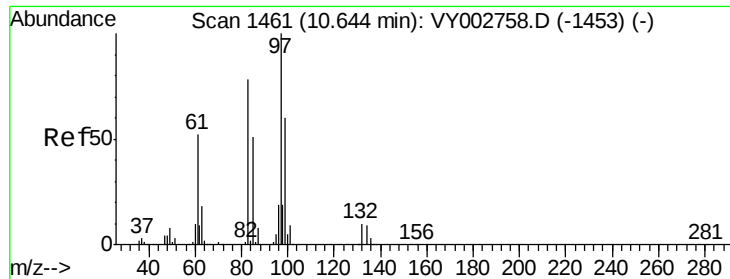
100000

50000

0

Time-->

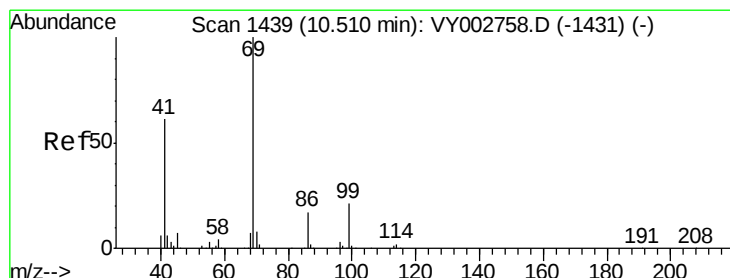
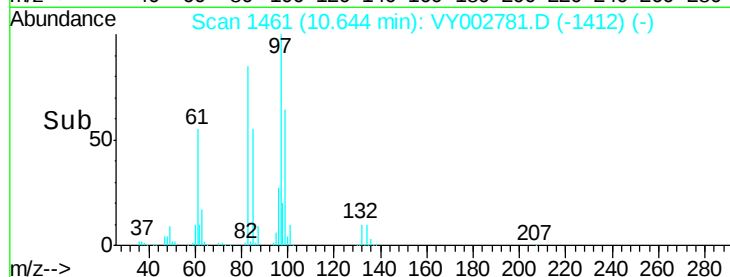
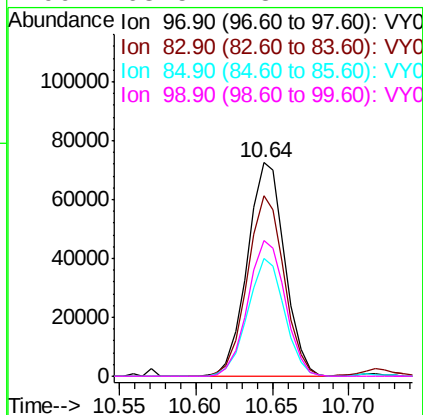
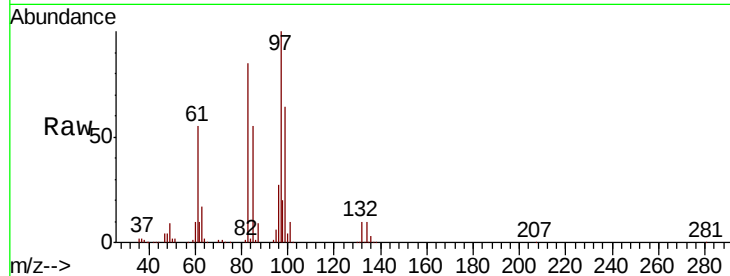




#55
 1,1,2-Trichloroethane
 Concen: 50.697 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

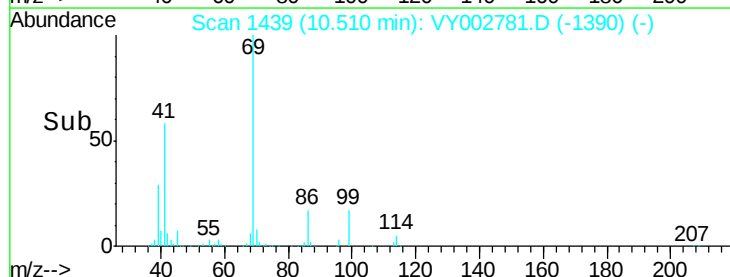
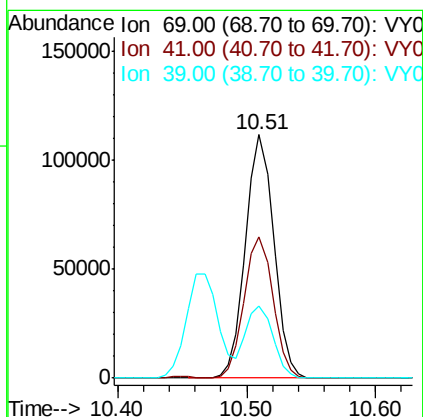
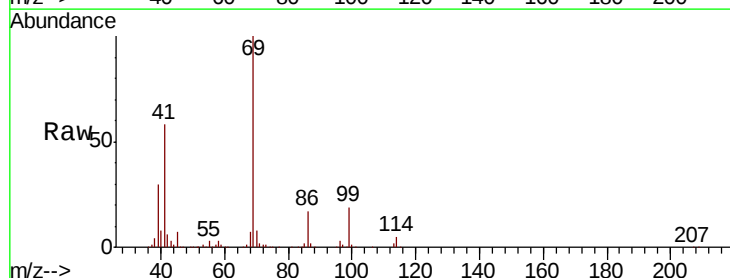
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	123049
Ion	Ratio	Lower	Upper
97	100		
83	84.8	62.7	94.1
85	54.9	40.6	60.8
99	63.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.464 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion:	69	Resp:	170557
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.0	70.4
39	28.2	22.0	33.0





#57

1,3-Dichloropropane

Concen: 51.619 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

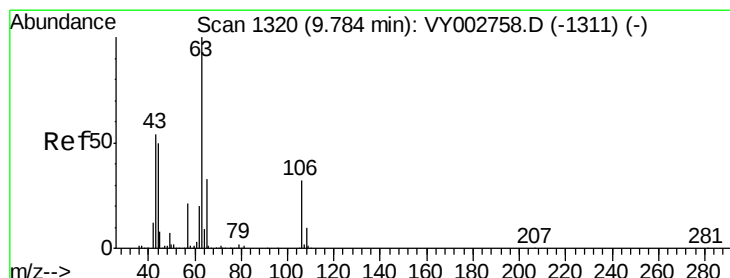
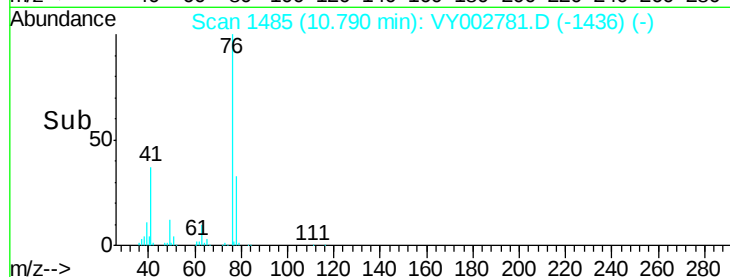
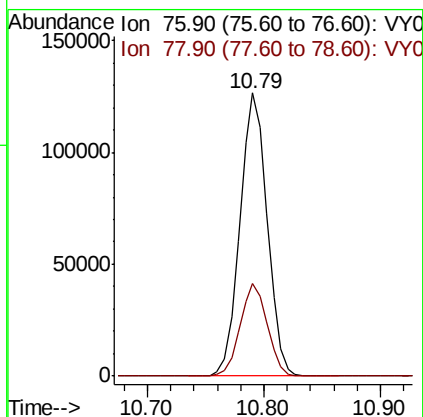
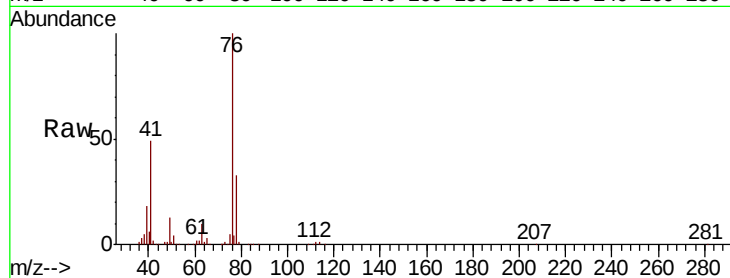
ClientSampleId :

Tot Ion: 76 Resp: 206069

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.947 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002781.D

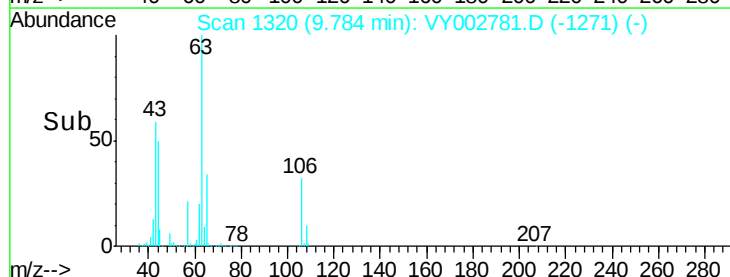
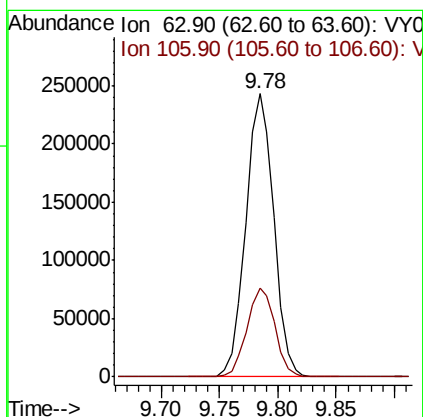
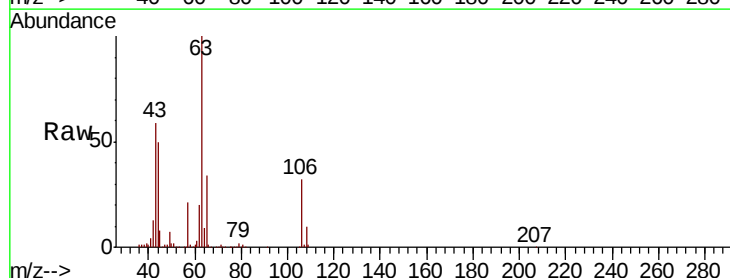
Acq: 28 May 2020 10:10

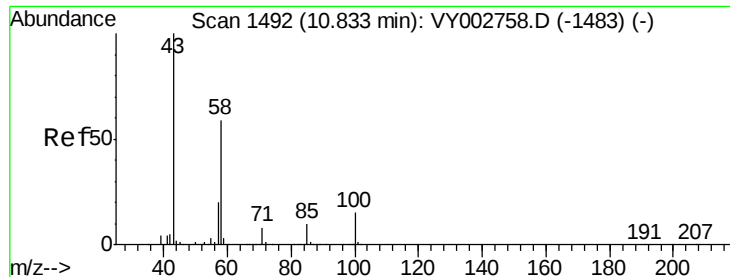
Tgt Ion: 63 Resp: 406571

Ion Ratio Lower Upper

63 100

106 31.5 25.4 38.2





#59

2-Hexanone

Concen: 270.803 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

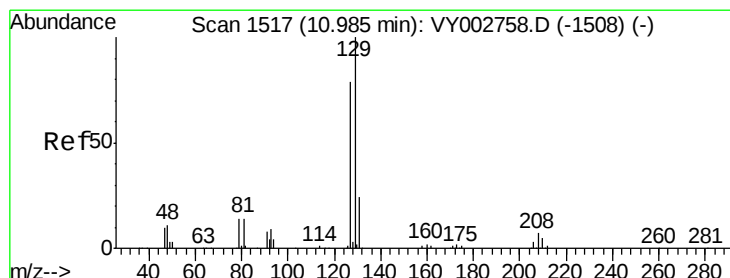
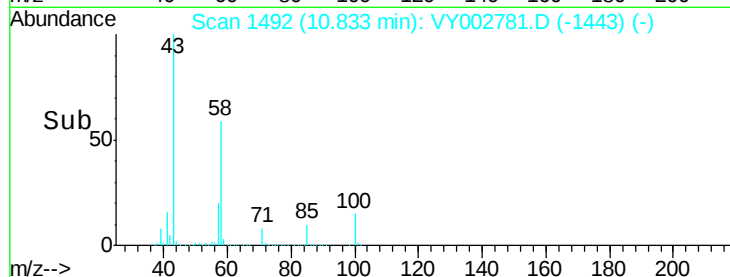
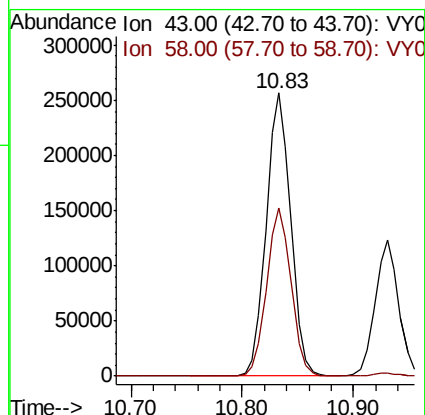
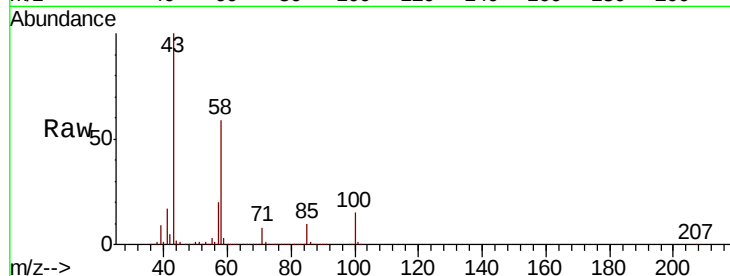
ClientSampled :

Tot Ion: 43 Resp: 395191

Ion Ratio Lower Upper

43 100

58 59.0 29.5 88.5



#60

Dibromochloromethane

Concen: 51.690 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY002781.D

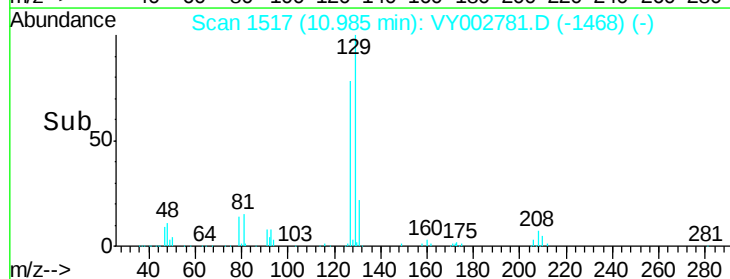
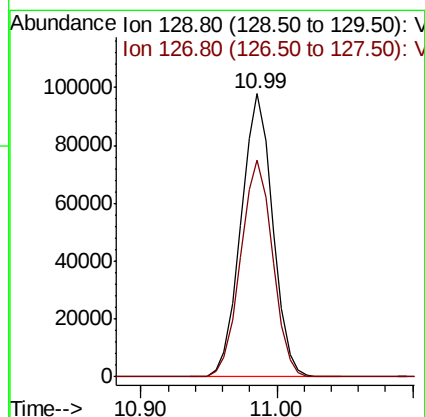
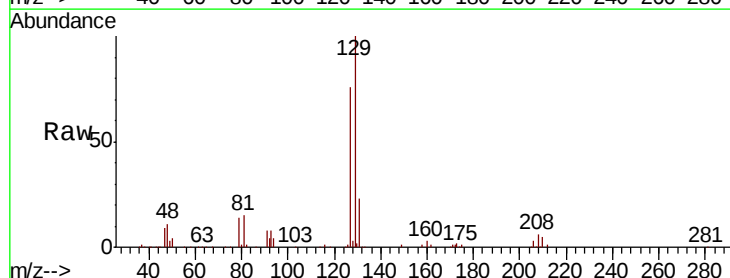
Acq: 28 May 2020 10:10

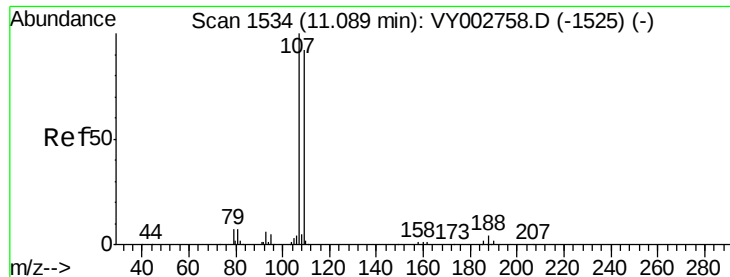
Tgt Ion: 129 Resp: 159059

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.3

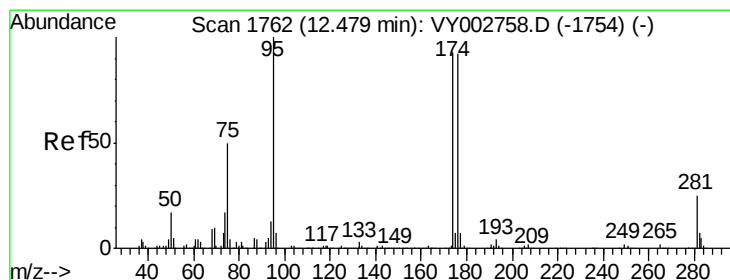
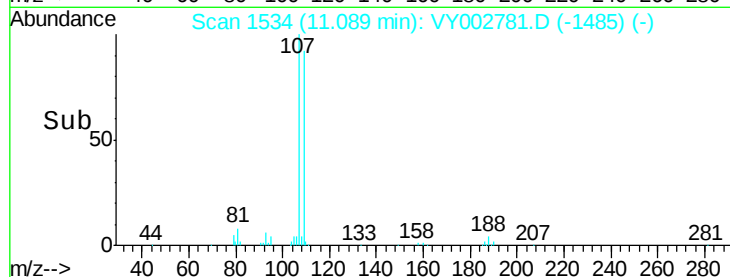
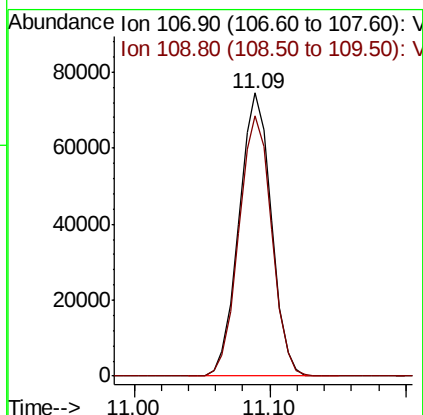
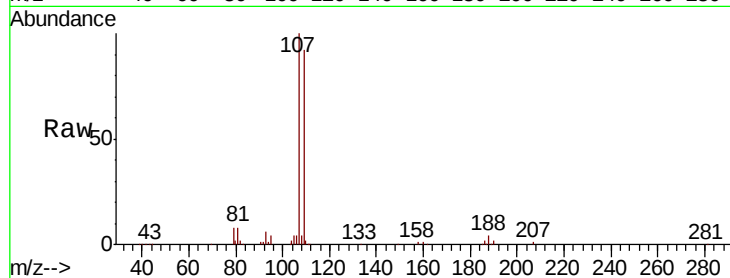




#61
 1,2-Dibromoethane
 Concen: 51.605 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

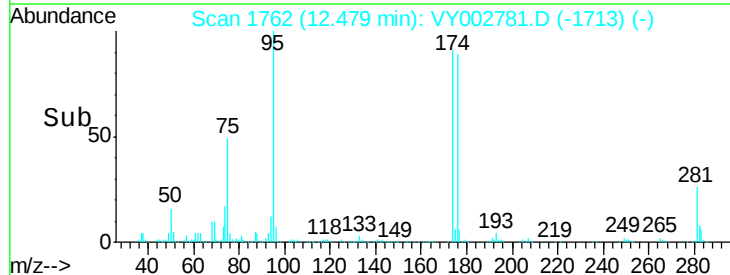
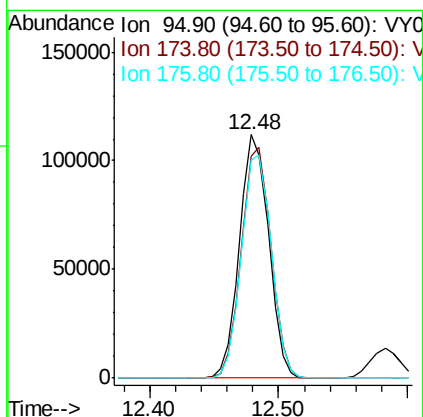
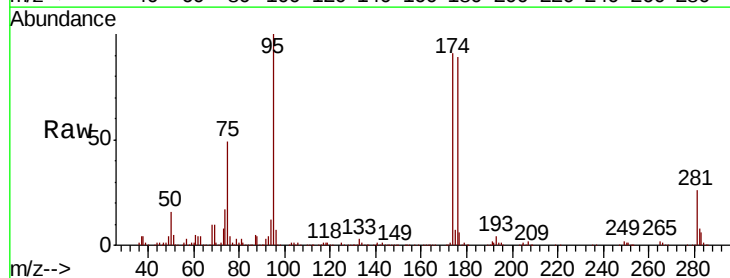
Instrument :
 MSVOA_Y
 ClientSampleId :

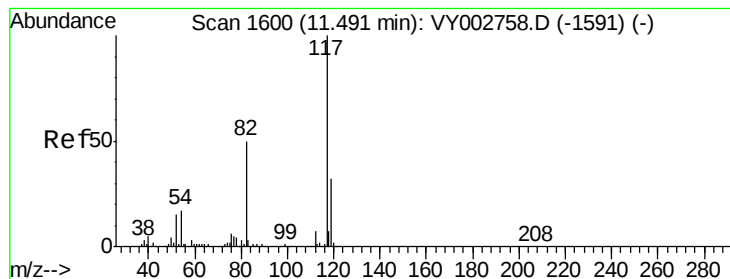
Tot Ion:107 Resp: 123555
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.456 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion: 95 Resp: 175487
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 191.2
 176 94.2 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

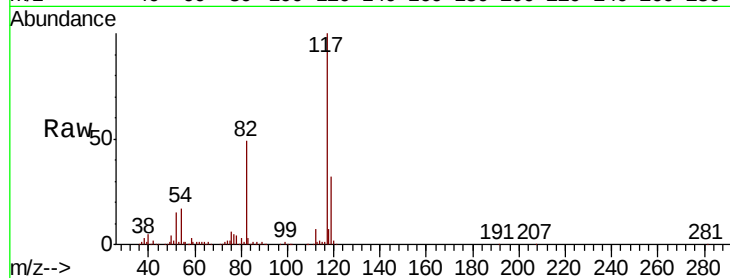
Tot Ion:117 Resp: 416493

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

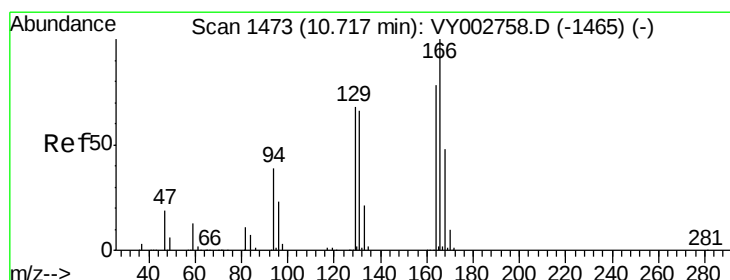
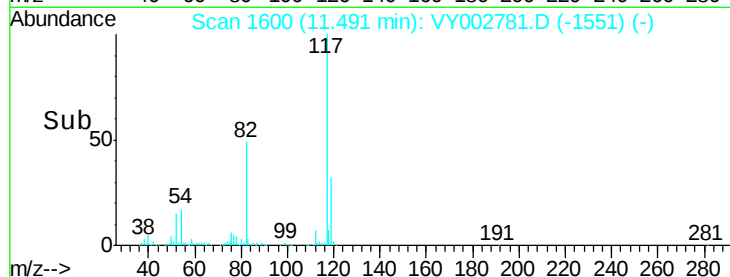
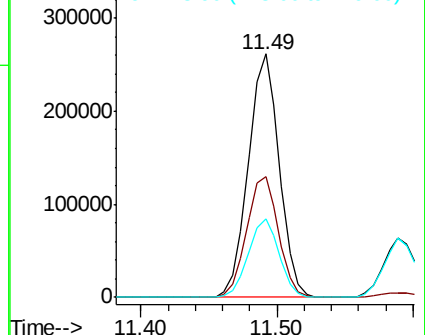
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.486 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Tgt Ion:164 Resp: 191107

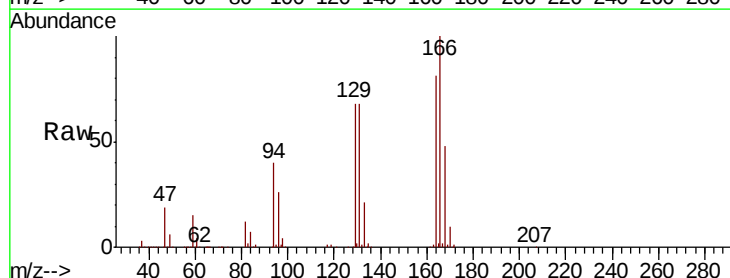
Ion Ratio Lower Upper

164 100

166 123.7 102.3 153.5

129 84.1 69.4 104.2

131 84.1 67.8 101.6

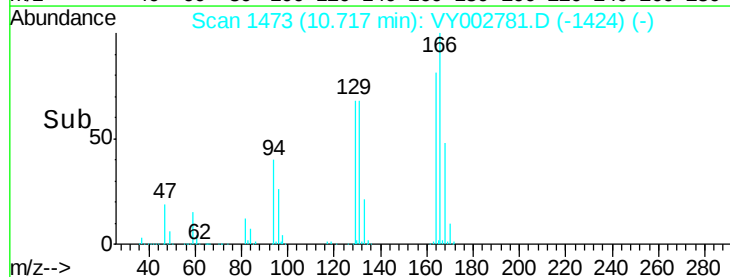
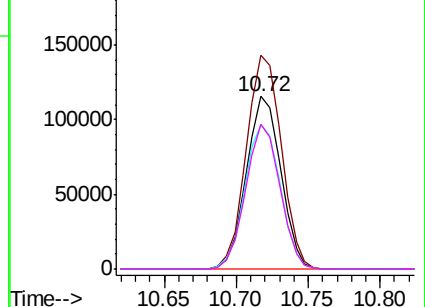


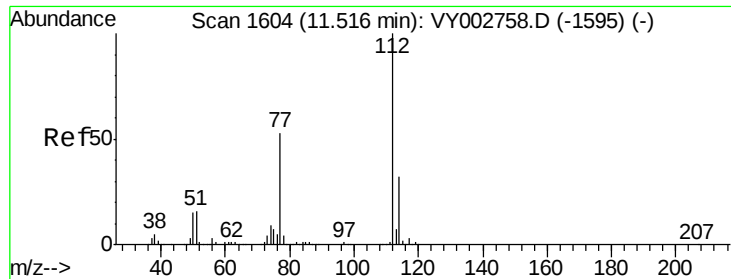
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

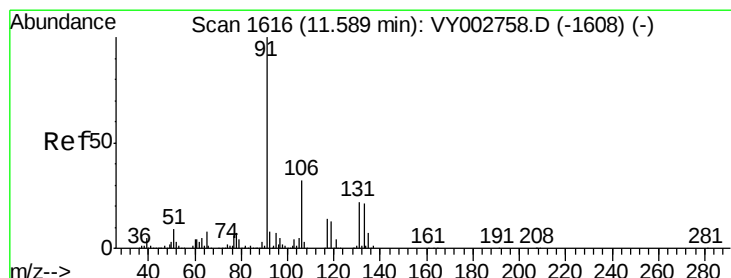
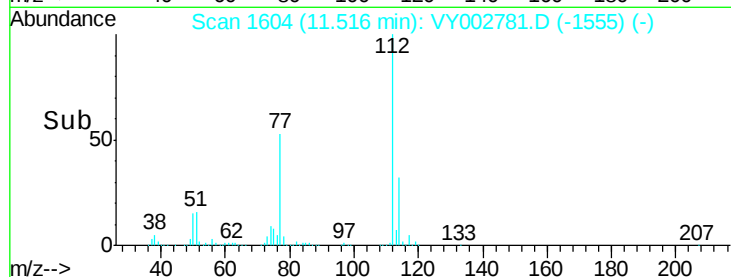
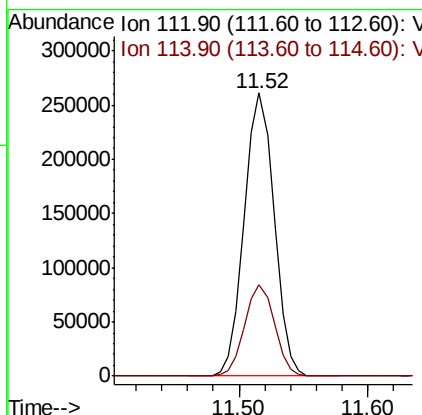
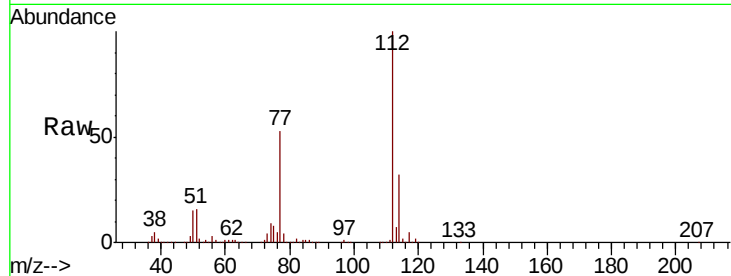




#65
Chlorobenzene
Concen: 50.892 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

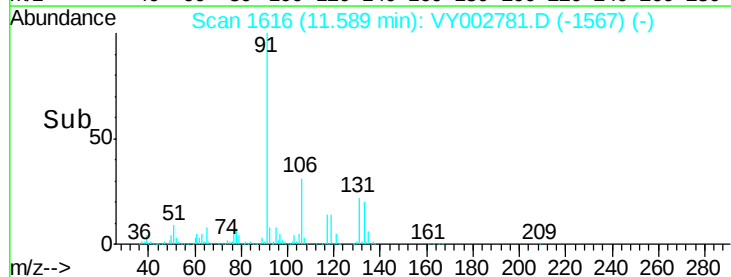
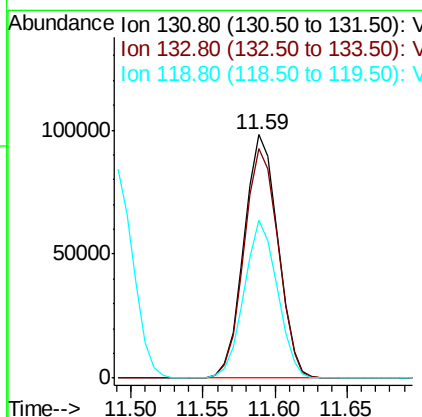
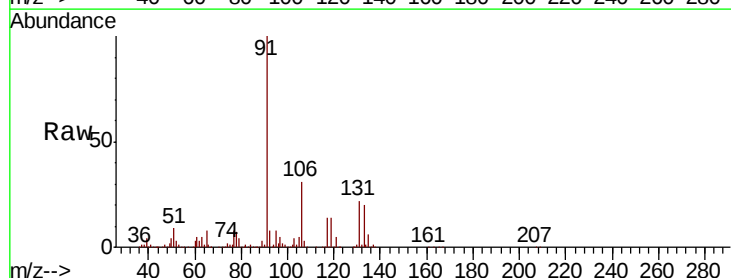
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:112 Resp: 418944
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.617 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion:131 Resp: 160030
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 51.322 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

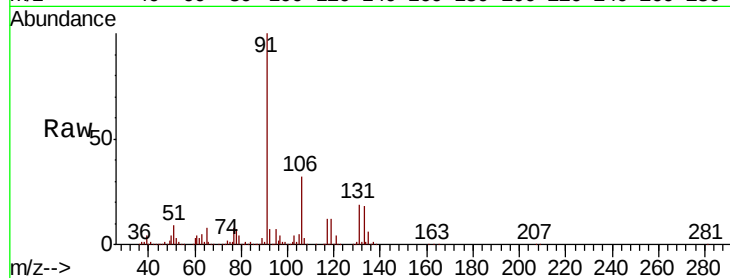
ClientSampleId :

Tot Ion: 91 Resp: 732425

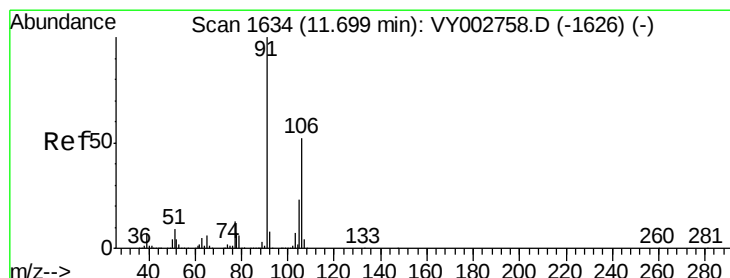
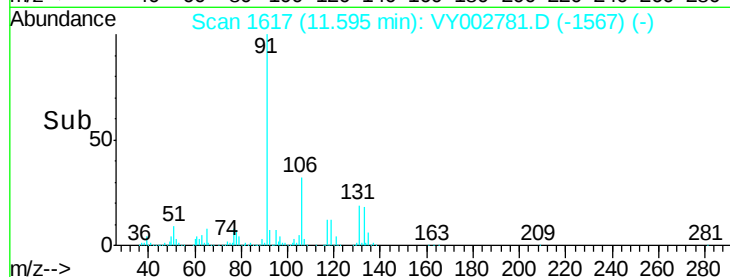
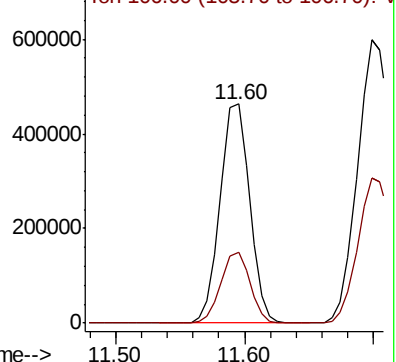
Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002781.D (-1567) (-)



#68

m/p-Xylenes

Concen: 103.048 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002781.D

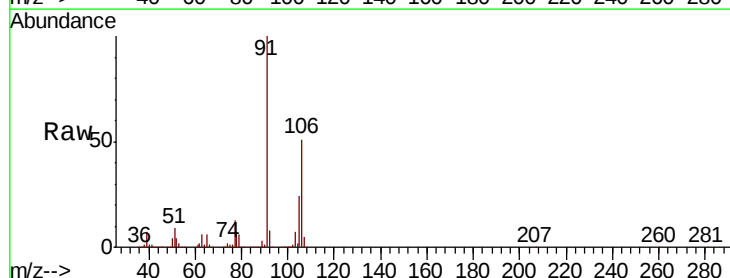
Acq: 28 May 2020 10:10

Tgt Ion: 106 Resp: 570183

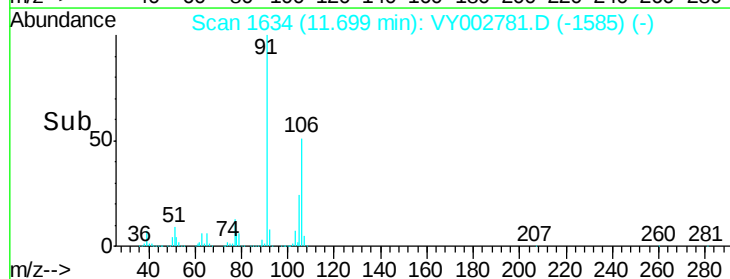
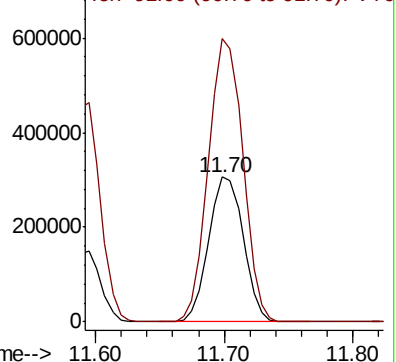
Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002781.D (-1585) (-)

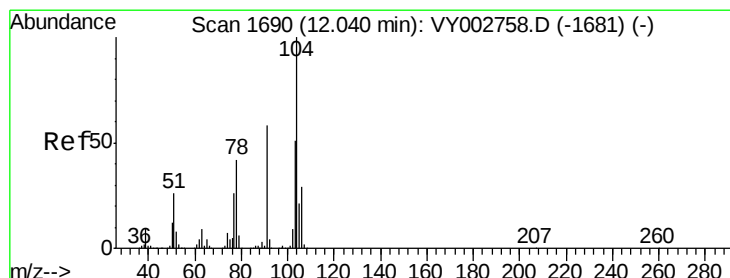
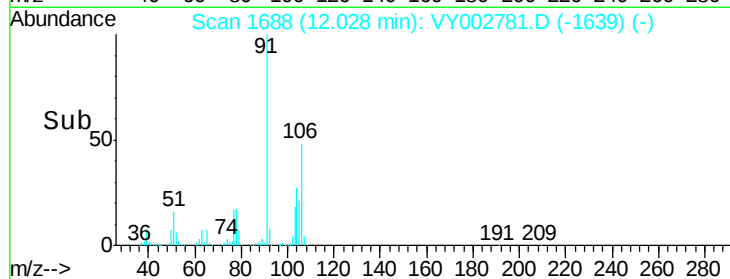
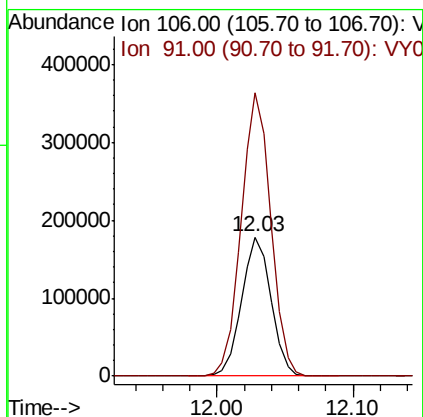
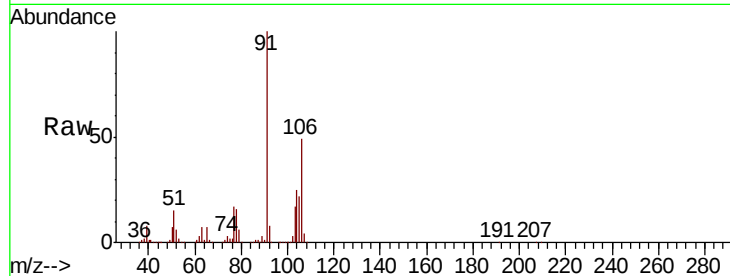




#69
o-Xylene
Concen: 51.587 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

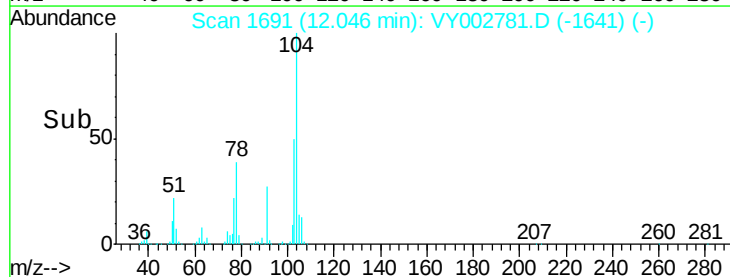
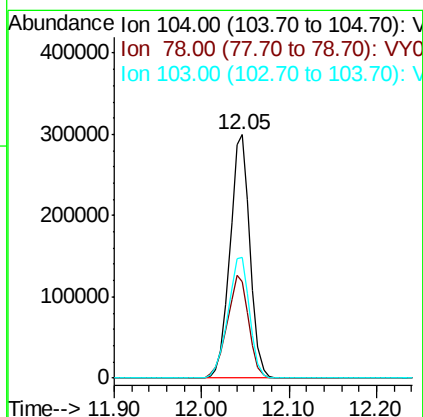
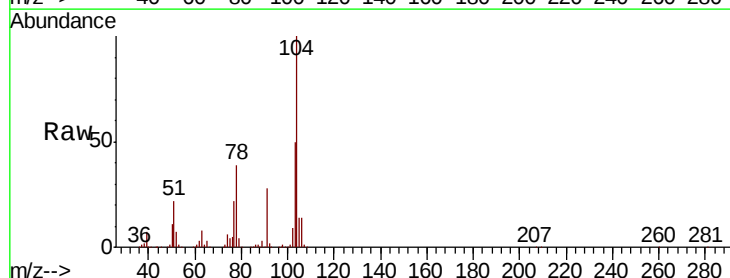
Instrument :
MSVOA_Y
ClientSampled :

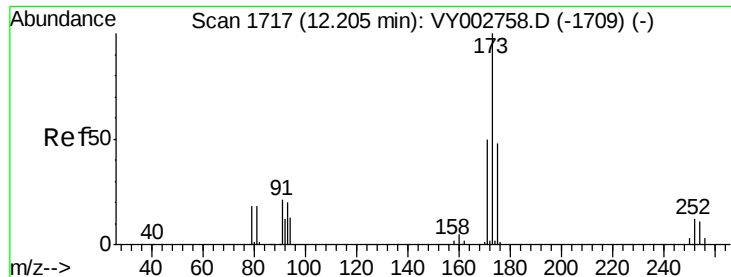
Tot Ion:106 Resp: 269466
Ion Ratio Lower Upper
106 100
91 204.4 102.4 307.1



#70
Styrene
Concen: 52.253 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion:104 Resp: 473162
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 52.316 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

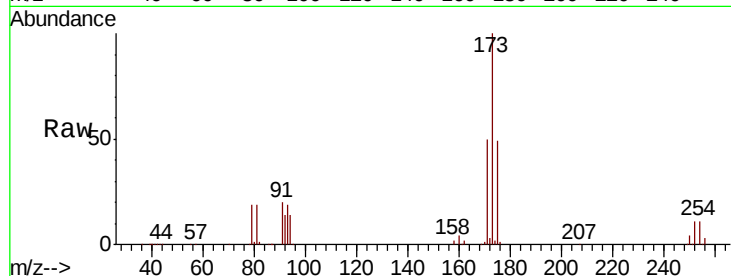
Tot Ion:173 Resp: 108531

Ion Ratio Lower Upper

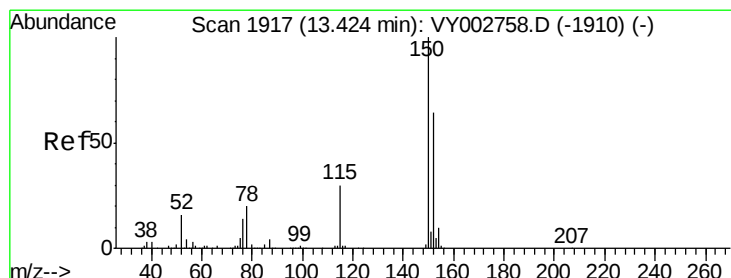
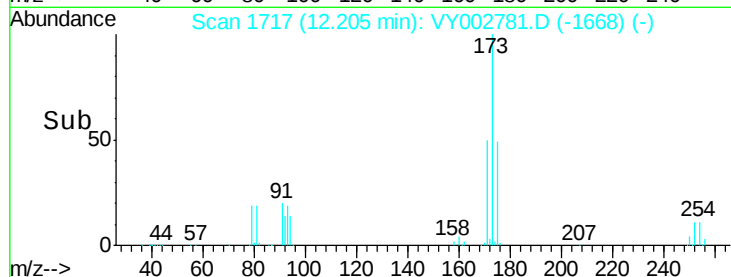
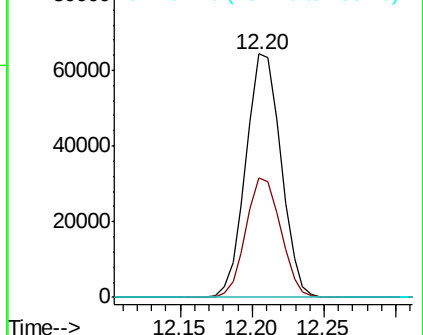
173 100

175 48.8 24.3 72.8

254 0.1 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: VY002781.D

Acq: 28 May 2020 10:10

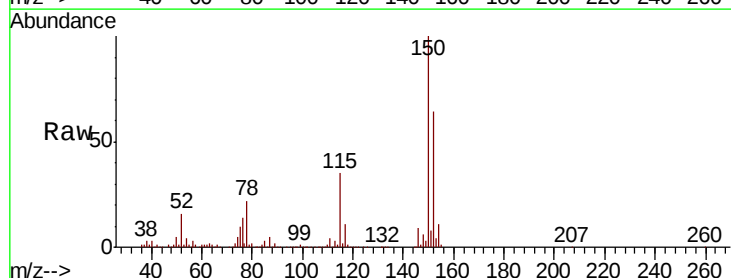
Tgt Ion:152 Resp: 221112

Ion Ratio Lower Upper

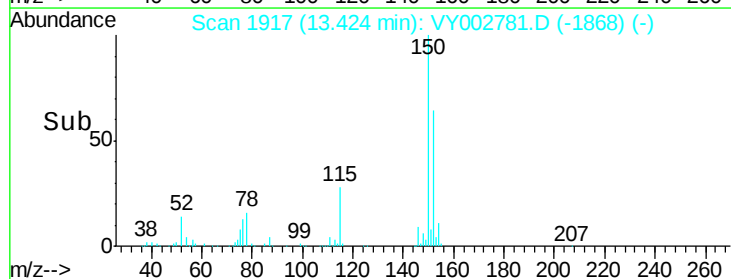
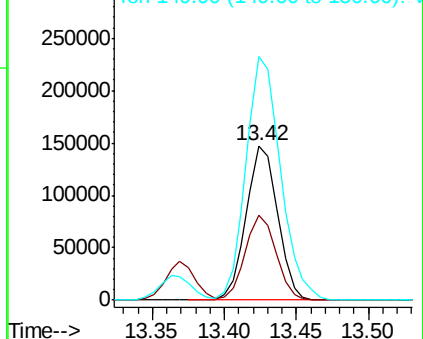
152 100

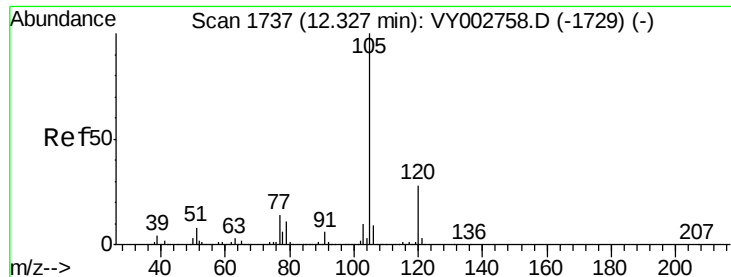
115 54.1 27.0 81.0

150 174.5 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

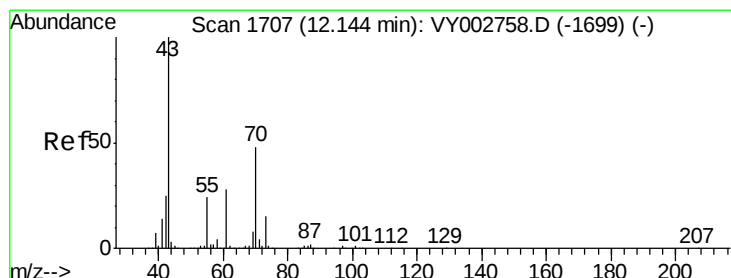
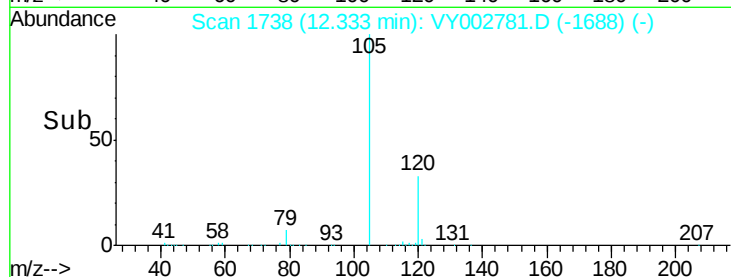
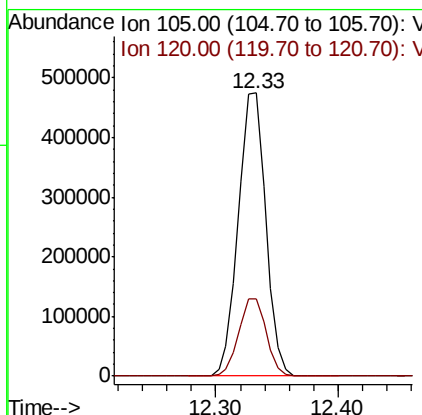
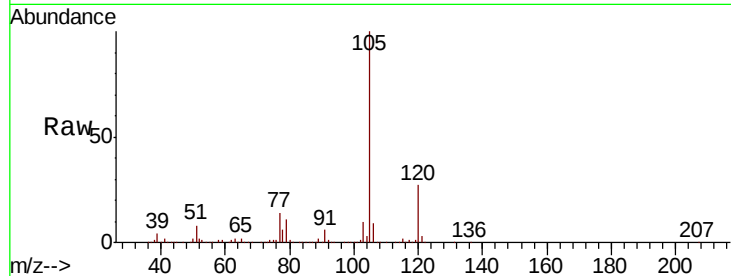




#73
Isopropylbenzene
Concen: 52.224 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

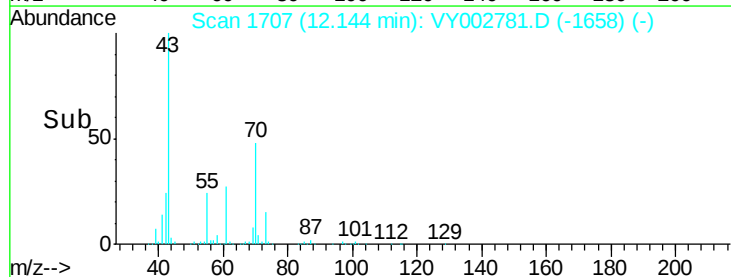
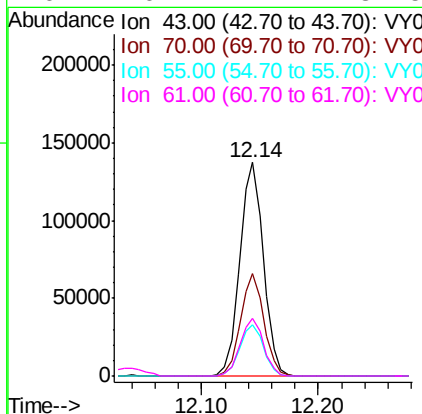
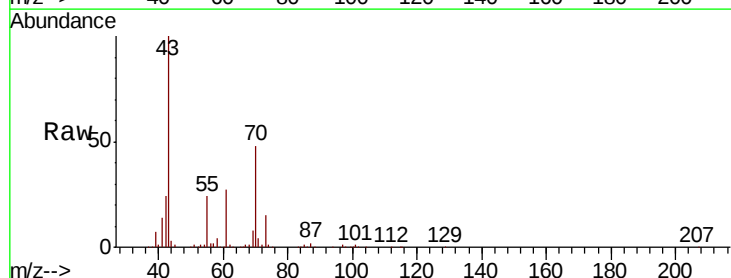
Instrument :
MSVOA_Y
ClientSampled :

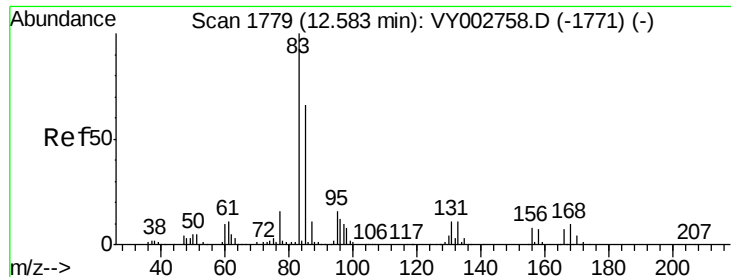
Tot Ion:105 Resp: 739998
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 53.383 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion: 43 Resp: 194086
Ion Ratio Lower Upper
43 100
70 47.1 37.7 56.5
55 24.3 19.8 29.6
61 26.4 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.279 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

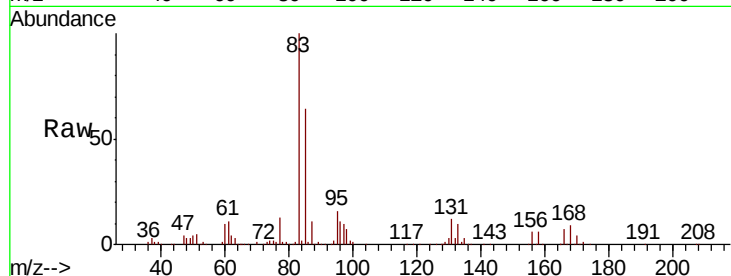
Tot Ion: 83 Resp: 129974

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

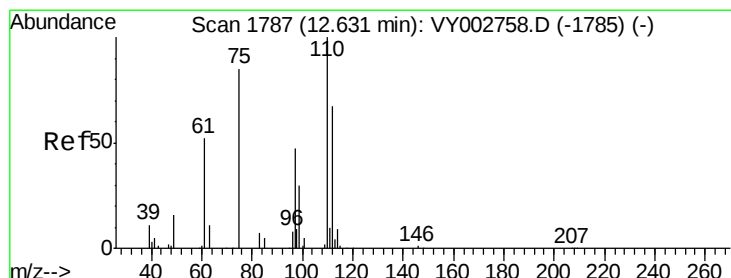
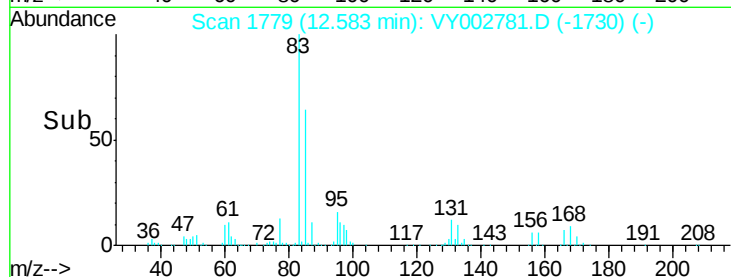
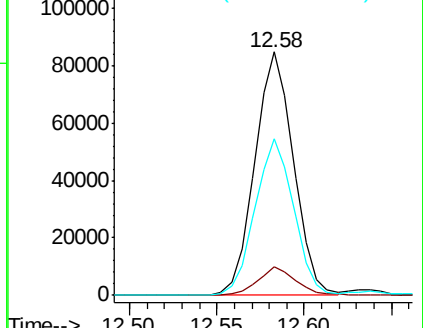
85 64.5 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002781.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002781.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002781.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 98.521 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002781.D

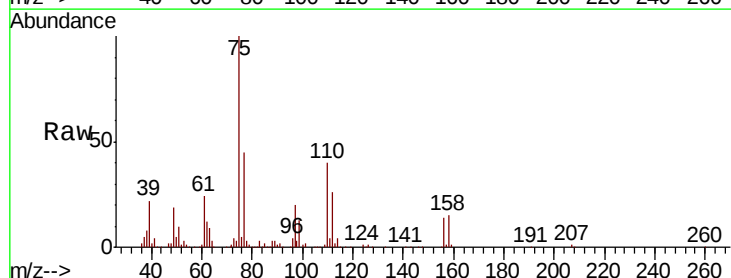
Acq: 28 May 2020 10:10

Tgt Ion: 75 Resp: 196289

Ion Ratio Lower Upper

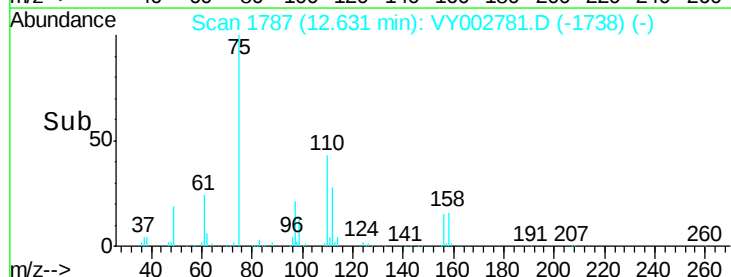
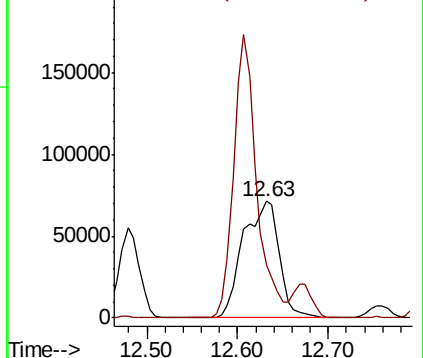
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002781.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002781.D (-1738) (-)





#77

Bromobenzene

Concen: 51.046 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

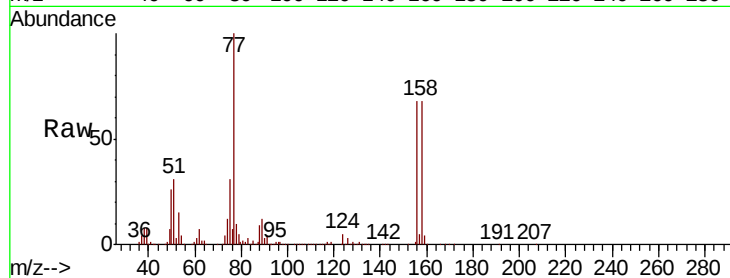
Tot Ion:156 Resp: 188341

Ion Ratio Lower Upper

156 100

77 160.7 81.4 244.2

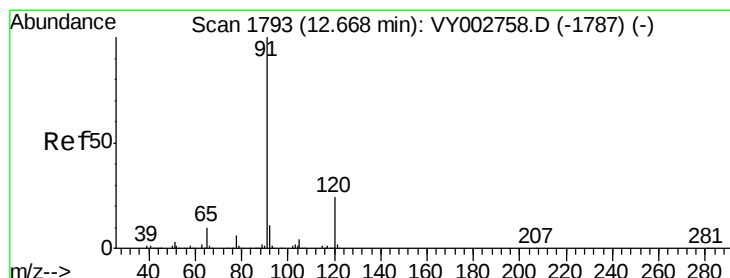
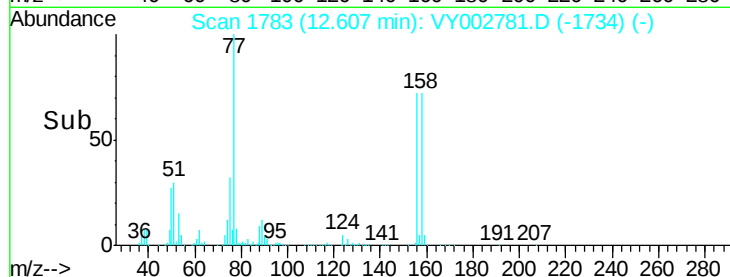
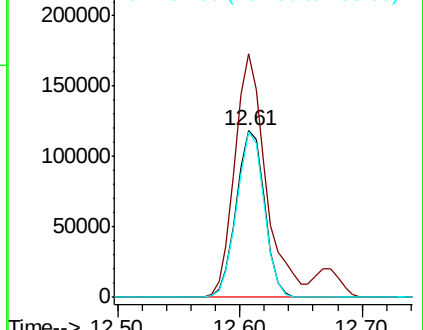
158 97.0 48.5 145.6



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: 52.567 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002781.D

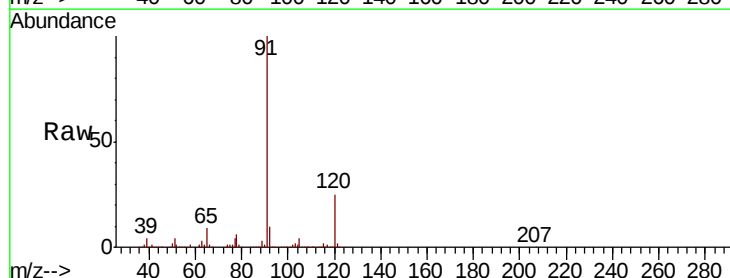
Acq: 28 May 2020 10:10

Tgt Ion: 91 Resp: 860398

Ion Ratio Lower Upper

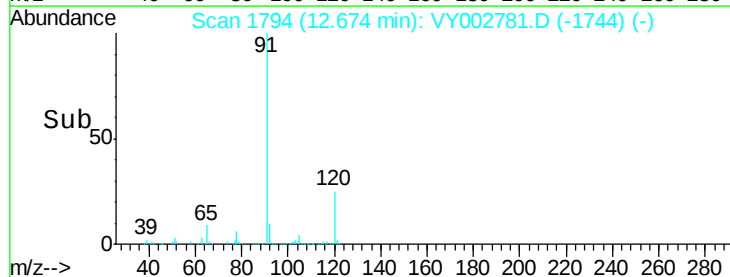
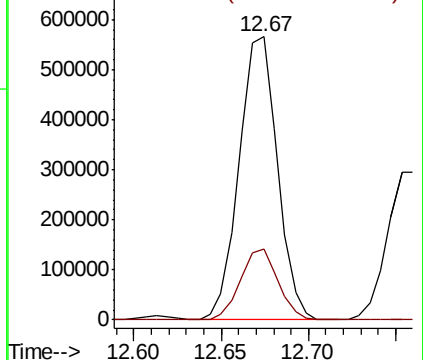
91 100

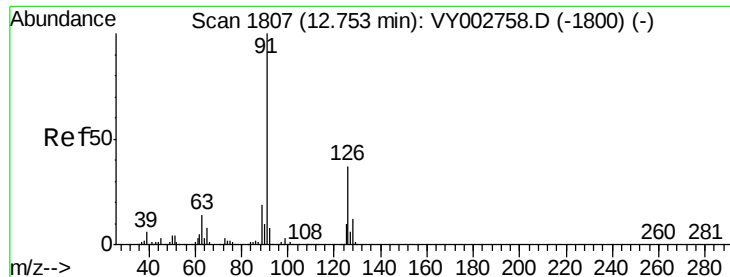
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

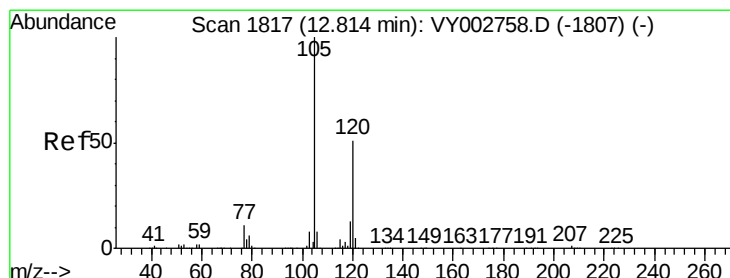
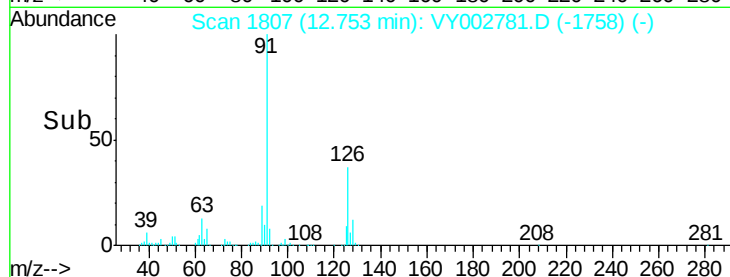
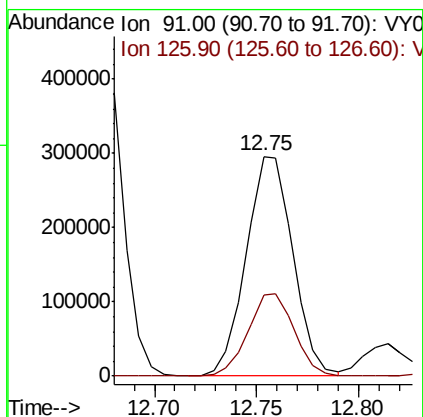
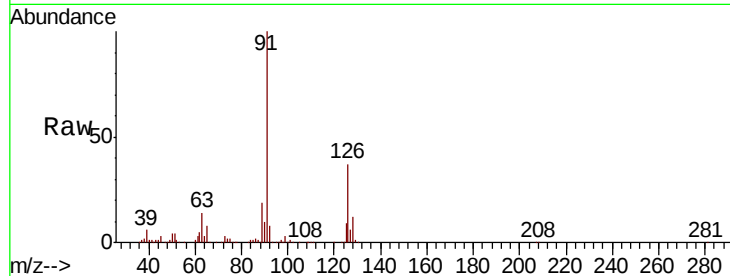




#79
2-Chlorotoluene
Concen: 51.448 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

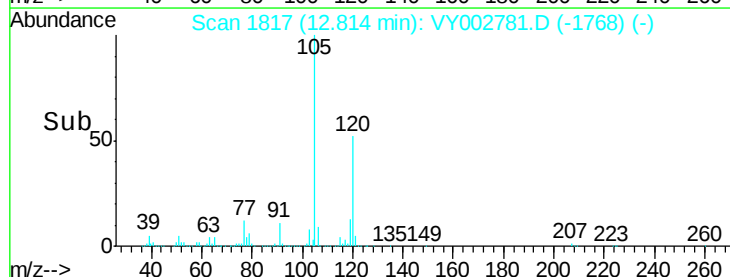
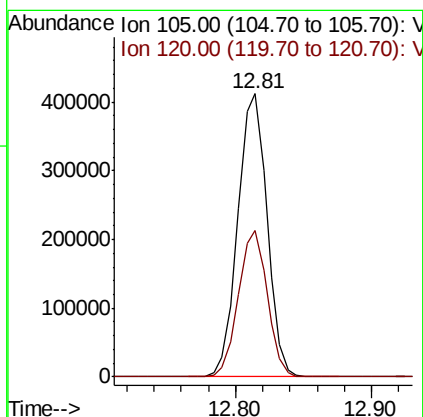
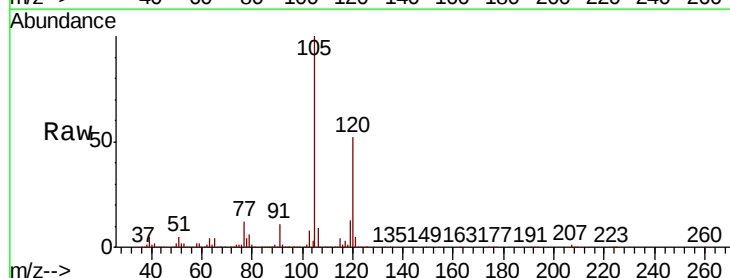
Instrument :
MSVOA_Y
ClientSampleId :

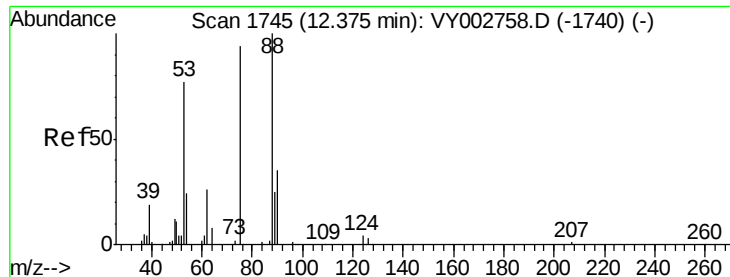
Tot Ion: 91 Resp: 472370
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 52.138 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion:105 Resp: 616853
Ion Ratio Lower Upper
105 100
120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.293 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

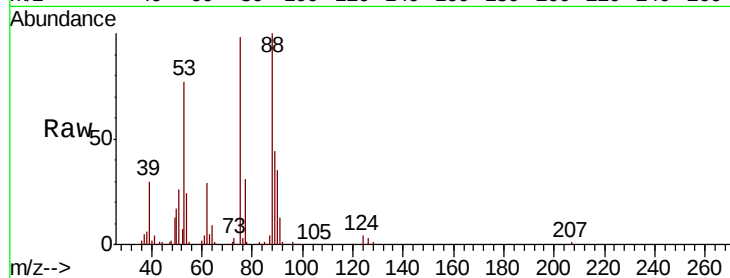
Tot Ion: 75 Resp: 56358

Ion Ratio Lower Upper

75 100

53 80.9 64.0 96.0

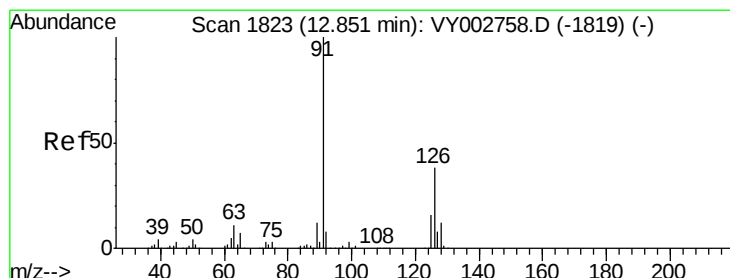
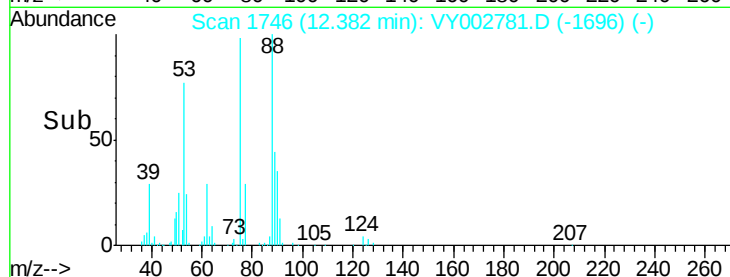
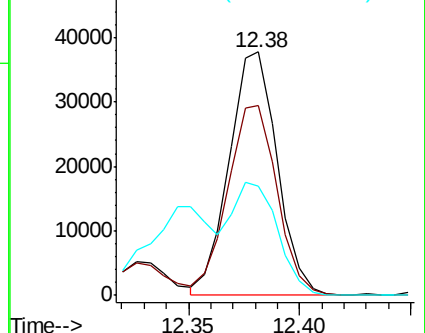
89 44.9 37.4 56.2



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: 51.976 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002781.D

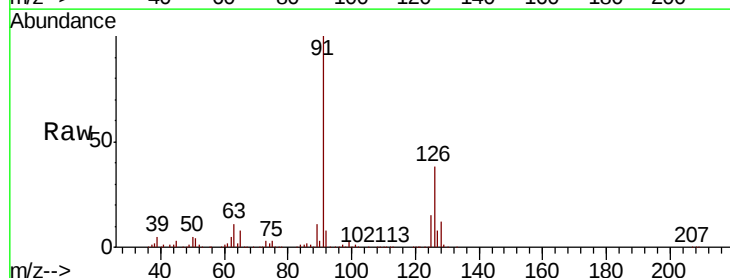
Acq: 28 May 2020 10:10

Tgt Ion: 91 Resp: 499989

Ion Ratio Lower Upper

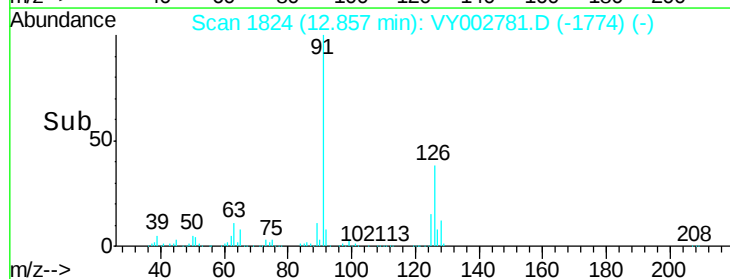
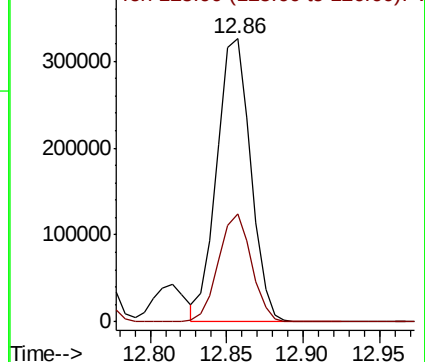
91 100

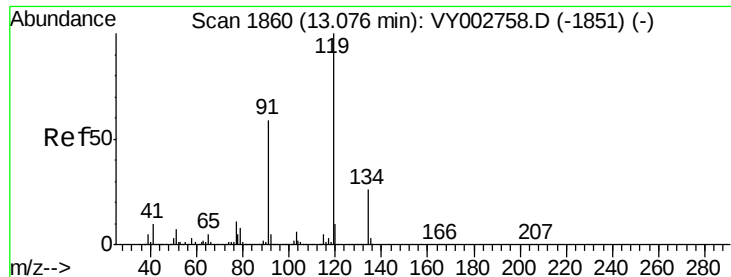
126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

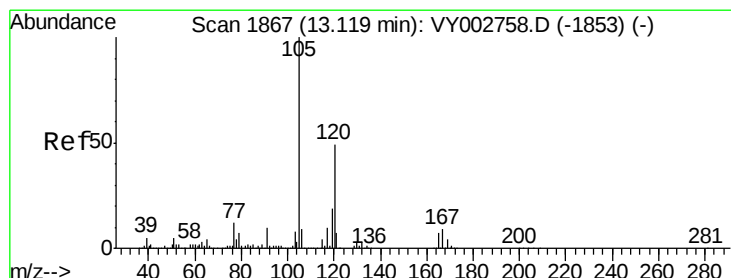
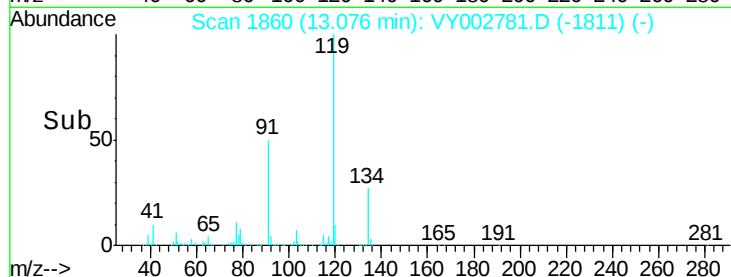
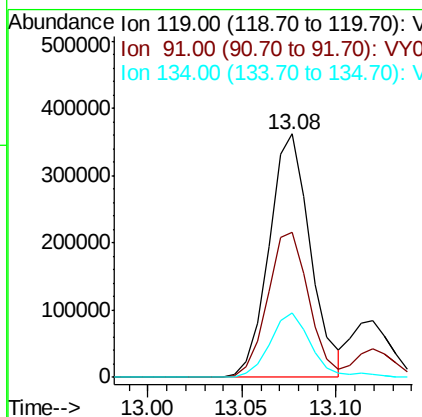
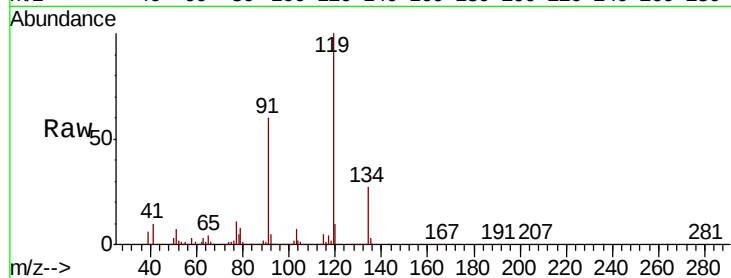




#83
 tert-Butylbenzene
 Concen: 52.089 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

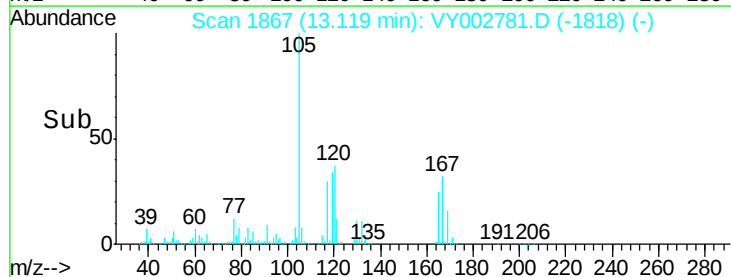
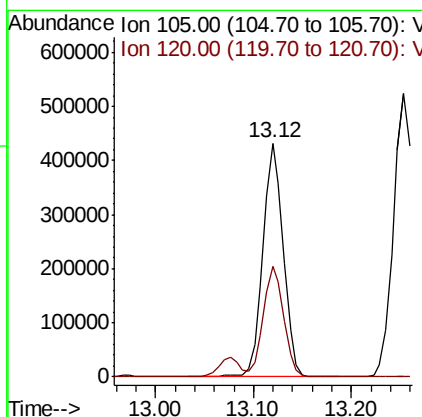
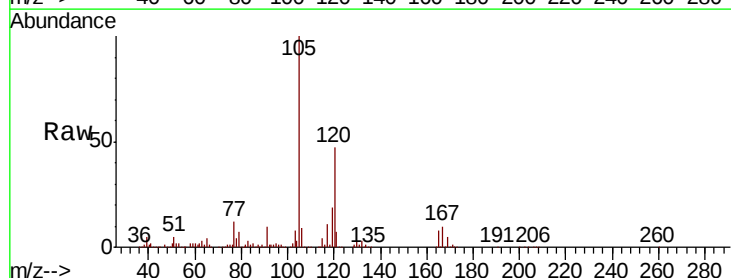
Instrument :
 MSVOA_Y
 ClientSampled :

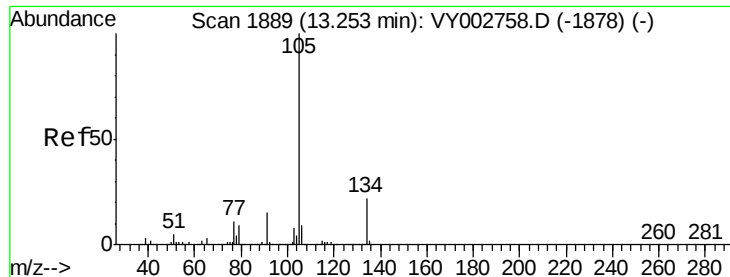
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.8	89.4
134	26.8	13.3	39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.291 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8





#85

sec-Butylbenzene

Concen: 52.080 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

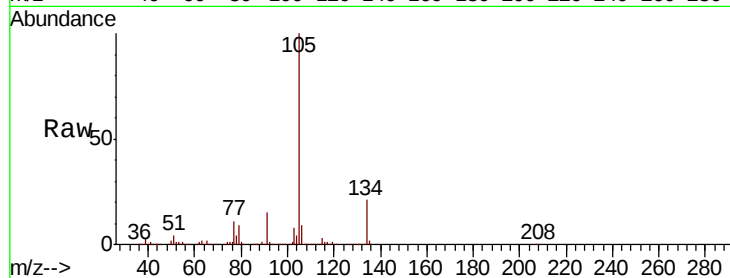
ClientSampleId :

Tot Ion:105 Resp: 751512

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

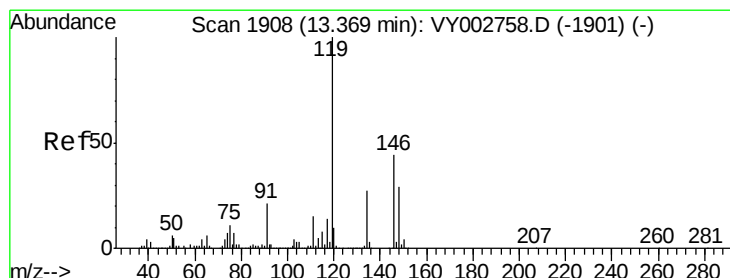
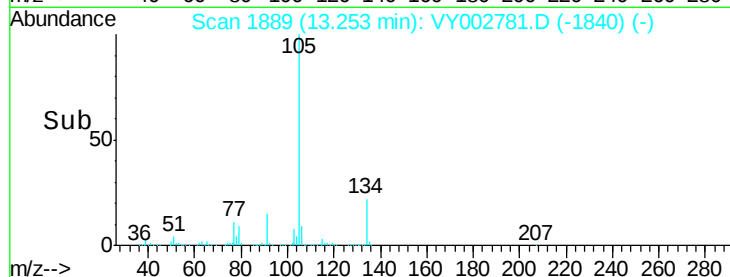
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 52.190 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

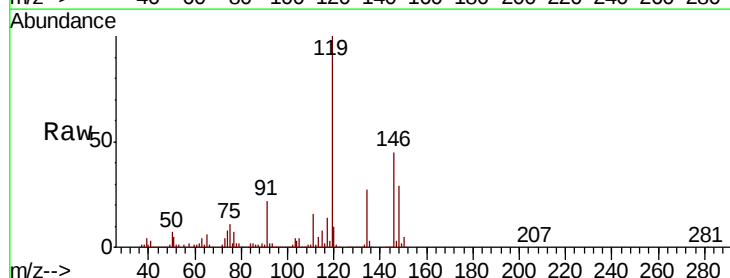
Tgt Ion:119 Resp: 700748

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 21.7 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

600000

500000

400000

300000

200000

100000

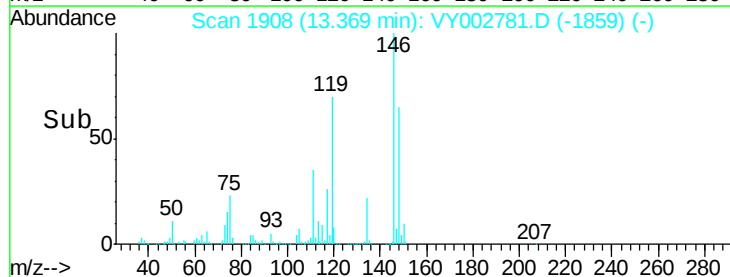
0

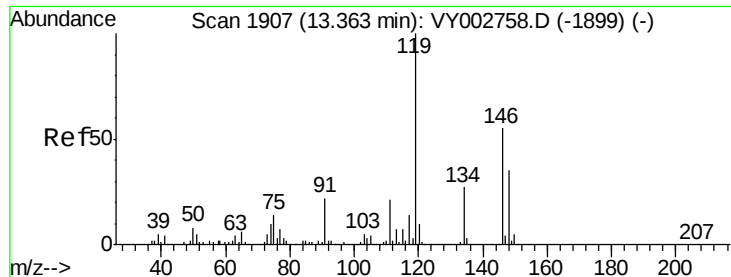
13.30

13.35

13.40

Time-->

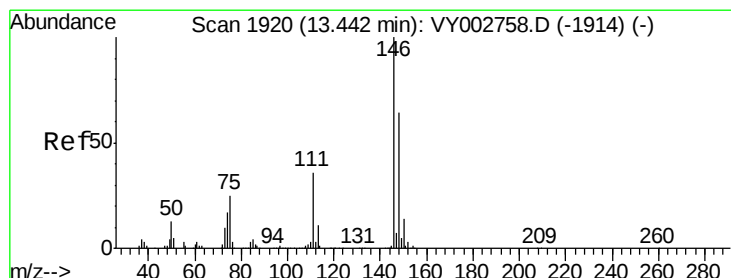
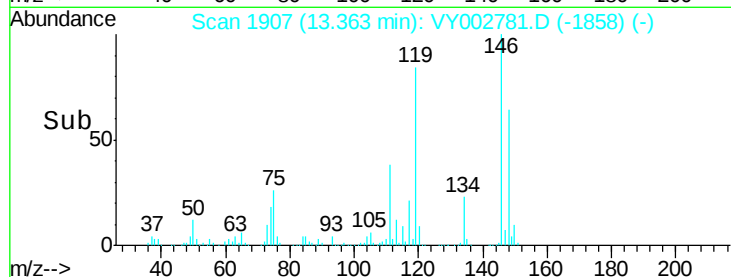
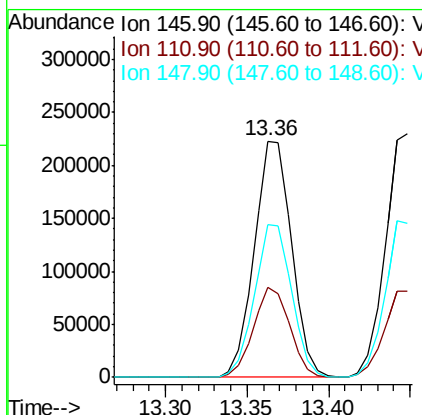
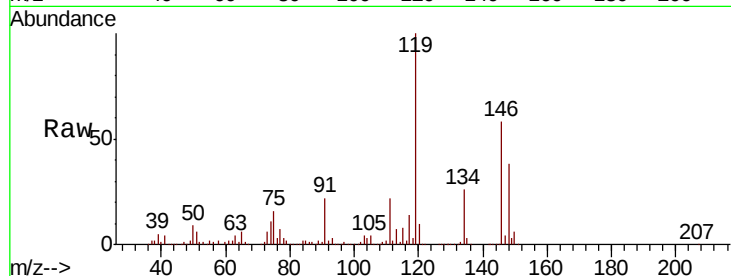




#87
 1,3-Dichlorobenzene
 Concen: 50.767 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

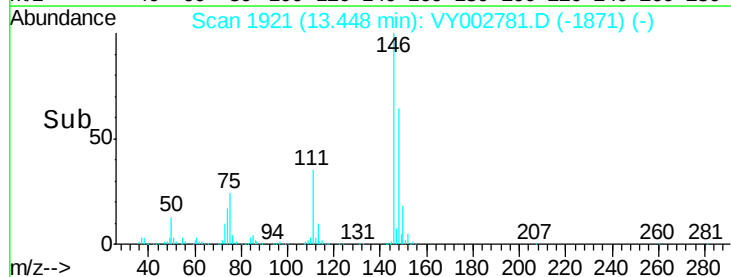
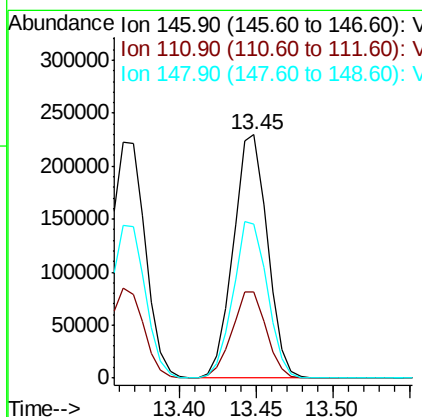
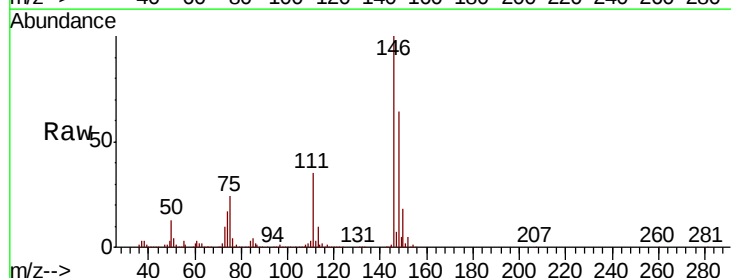
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 354804
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.888 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002781.D
 Acq: 28 May 2020 10:10

Tgt Ion:146 Resp: 355767
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.3
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 52.495 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

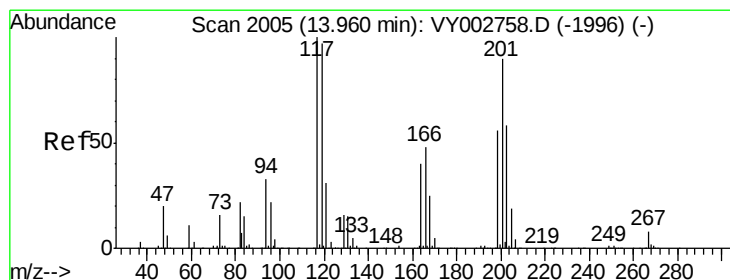
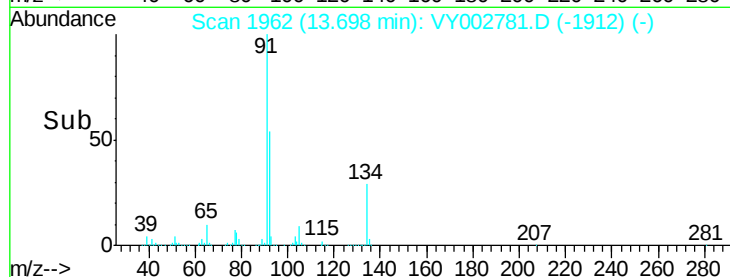
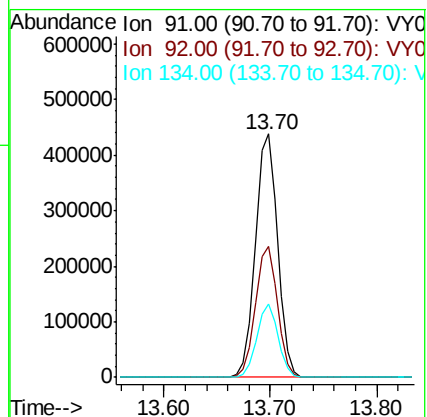
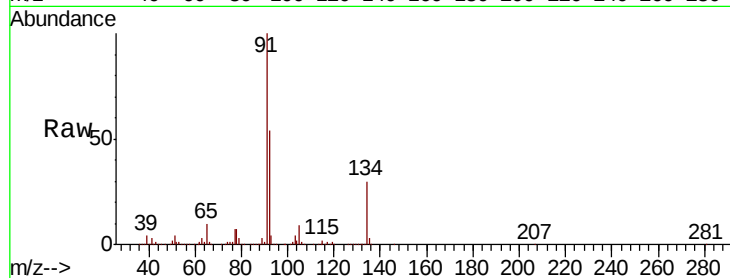
Tot Ion: 91 Resp: 639932

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.1	81.2
134	28.9	14.3	42.9

91 100

92 53.6 27.1 81.2

134 28.9 14.3 42.9



#90

Hexachloroethane

Concen: 52.057 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002781.D

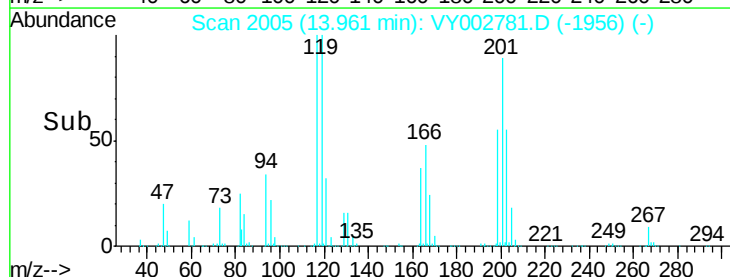
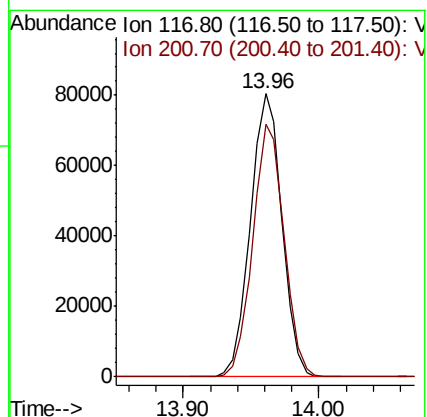
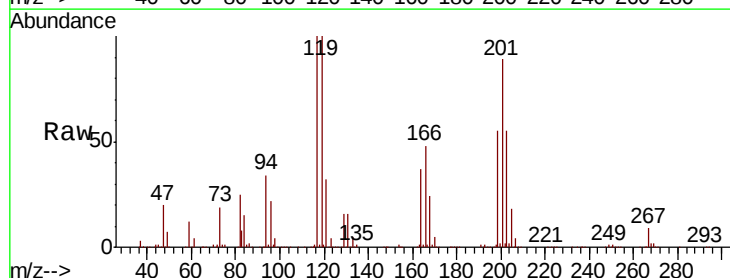
Acq: 28 May 2020 10:10

Tgt Ion: 117 Resp: 130854

Ion	Ratio	Lower	Upper
117	100		
201	88.6	43.9	131.6

117 100

201 88.6 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 51.220 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

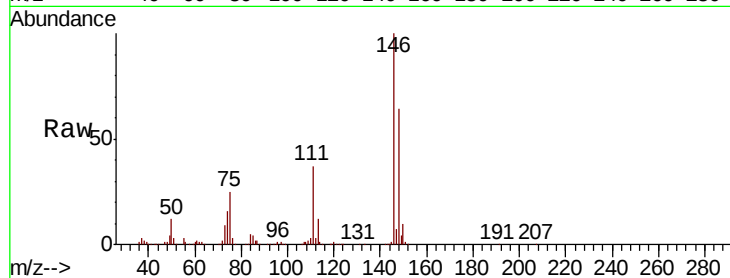
Tot Ion:146 Resp: 324646

Ion Ratio Lower Upper

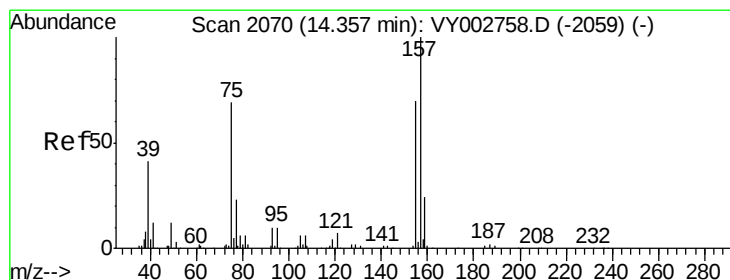
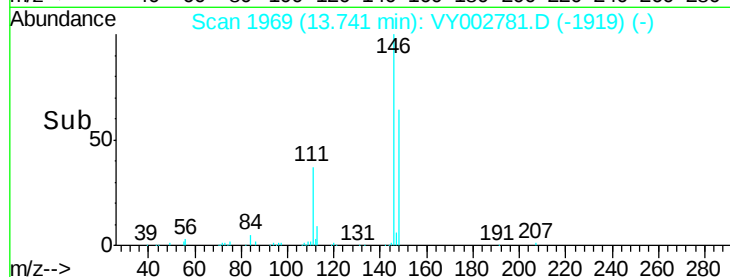
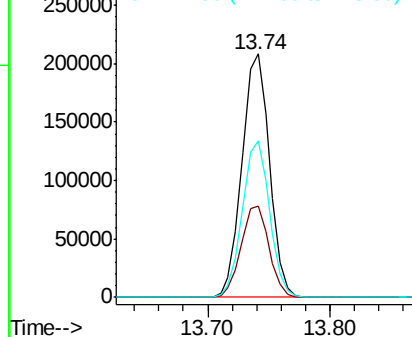
146 100

111 38.1 18.9 56.9

148 63.6 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: 52.400 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

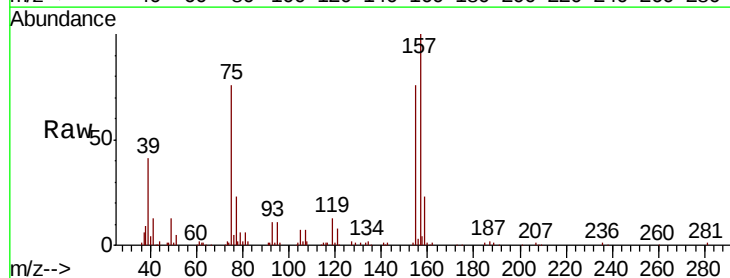
Tgt Ion: 75 Resp: 25064

Ion Ratio Lower Upper

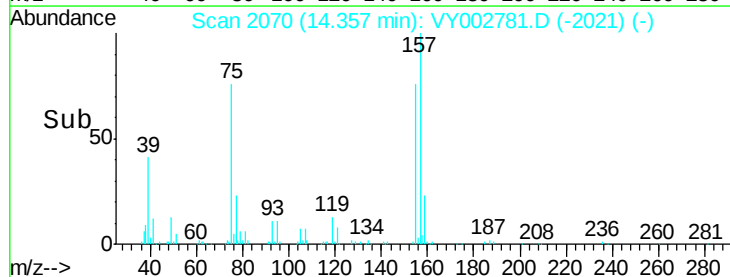
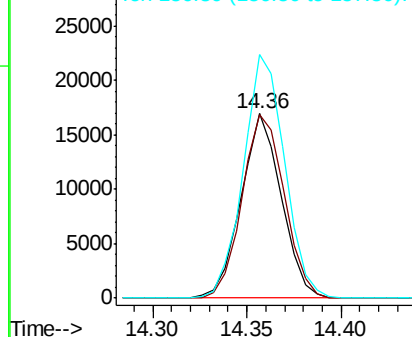
75 100

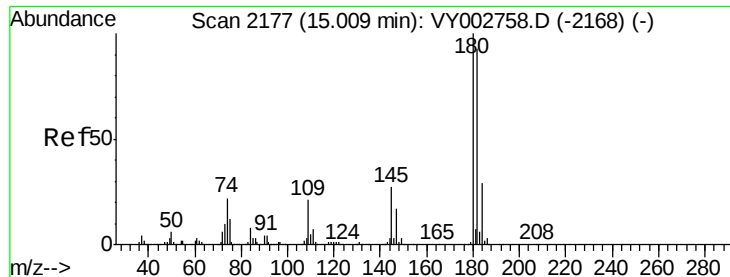
155 104.3 53.5 160.5

157 135.6 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: 49.773 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

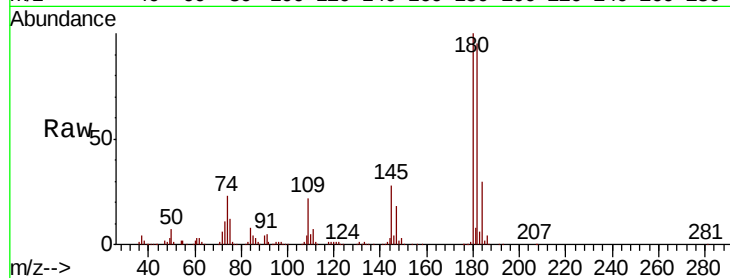
Tot Ion:180 Resp: 237788

Ion Ratio Lower Upper

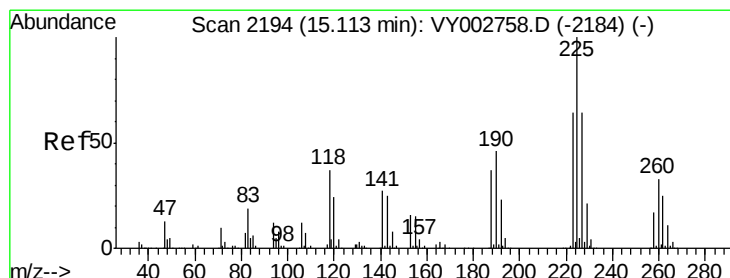
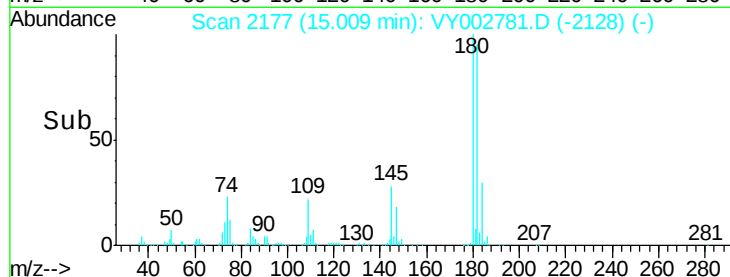
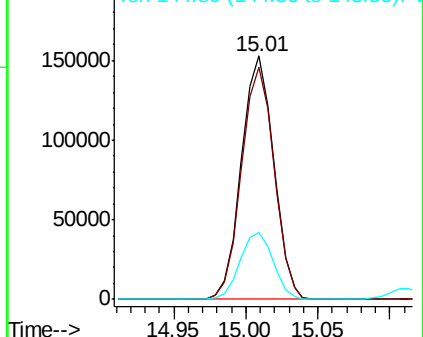
180 100

182 95.9 47.3 141.9

145 28.4 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: 49.981 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VY002781.D

Acq: 28 May 2020 10:10

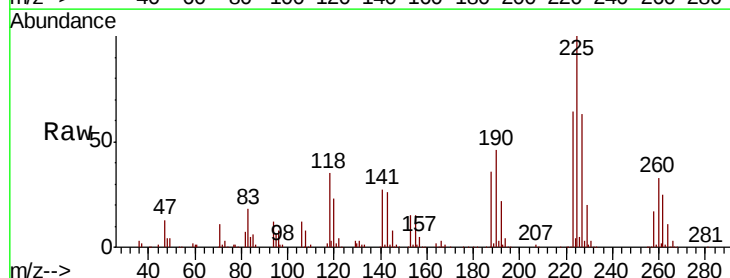
Tgt Ion:225 Resp: 135430

Ion Ratio Lower Upper

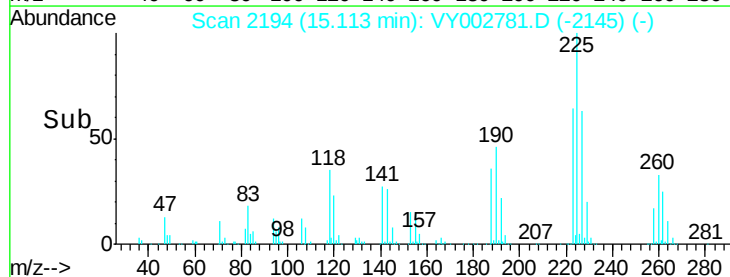
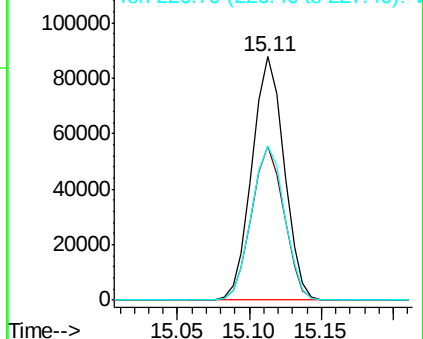
225 100

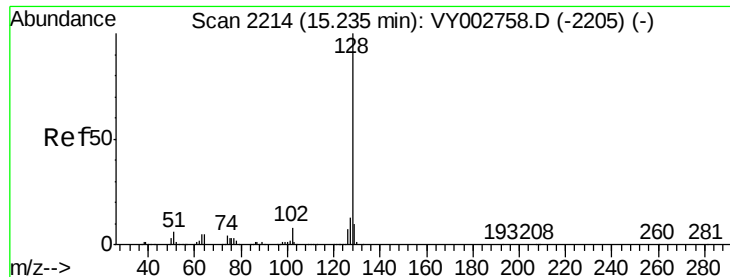
223 63.8 31.6 95.0

227 65.1 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

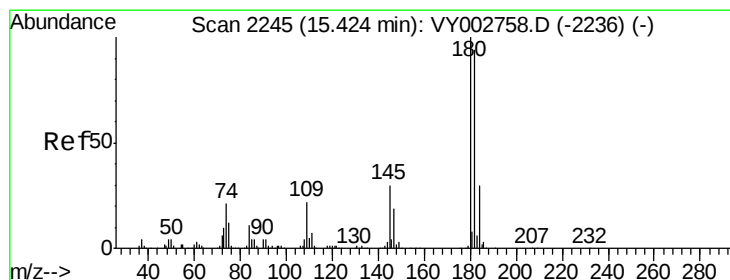
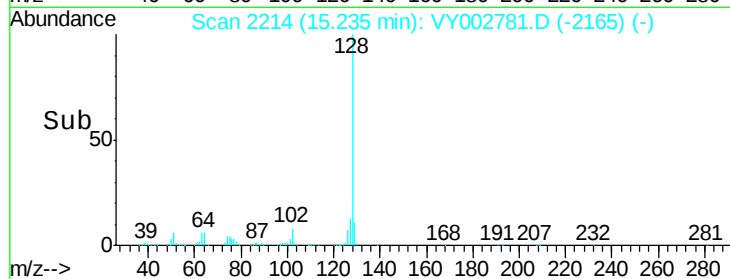
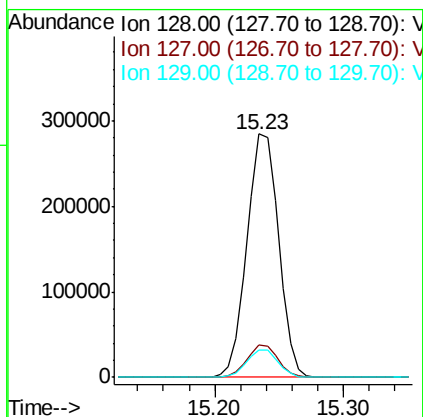
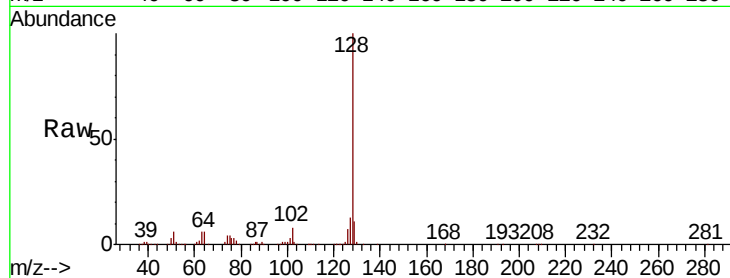




#95
Naphthalene
Concen: 50.423 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.535 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002781.D
Acq: 28 May 2020 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.1	144.4
145	29.7	15.1	45.3

