

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003354.D
 Acq On : 27 Jul 2020 14:11
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	743066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	363679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	200414	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.72	113	196523	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	10.18	98	710190	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
62) 4-Bromofluorobenzene	12.48	95	258545	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	78952	21.895	ug/l	94
3) Chloromethane	2.12	50	105963	21.185	ug/l	98
4) Vinyl Chloride	2.26	62	109652	21.366	ug/l	99
5) Bromomethane	2.65	94	89205	23.402	ug/l	100
6) Chloroethane	2.79	64	71326	21.160	ug/l	100
7) Trichlorofluoromethane	3.13	101	162772	22.209	ug/l	96
8) Diethyl Ether	3.54	74	55671	22.668	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	96983	21.910	ug/l	98
10) Methyl Iodide	4.10	142	93645	19.473	ug/l	100
11) Tert butyl alcohol	4.97	59	64921	141.384	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	91771	21.920	ug/l	98
13) Acrolein	3.74	56	29509	74.039	ug/l	97
14) Allyl chloride	4.49	41	146618	23.601	ug/l	97
15) Acrylonitrile	5.17	53	141408	119.866	ug/l	99
16) Acetone	3.96	43	114311	120.512	ug/l	94
17) Carbon Disulfide	4.20	76	281659	21.924	ug/l	97
18) Methyl Acetate	4.49	43	66118	25.100	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	257224	21.924	ug/l	97
20) Methylene Chloride	4.72	84	137159	26.114	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	103116	21.776	ug/l	91
22) Diisopropyl ether	6.12	45	317916	23.059	ug/l	98
23) Vinyl Acetate	6.07	43	1041904	113.379	ug/l	100
24) 1,1-Dichloroethane	6.02	63	181374	22.707	ug/l	99
25) 2-Butanone	7.00	43	186176	119.541	ug/l	98
26) 2,2-Dichloropropane	6.99	77	167199	23.243	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	112541	21.586	ug/l	94
28) Bromochloromethane	7.34	49	78304	22.643	ug/l	98
29) Tetrahydrofuran	7.35	42	123686	118.218	ug/l	96
30) Chloroform	7.51	83	180876	21.986	ug/l	98
31) Cyclohexane	7.78	56	170838	22.118	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	163802	22.117	ug/l	100
36) 1,1-Dichloropropene	7.92	75	143302	21.278	ug/l	99
37) Ethyl Acetate	7.08	43	82452	22.734	ug/l	99
38) Carbon Tetrachloride	7.90	117	150506	21.648	ug/l	99

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	176874	20.907	ug/l	97
40) Benzene	8.16	78	399174	21.526	ug/l	97
41) Methacrylonitrile	7.33	41	52517m	24.043	ug/l	
42) 1,2-Dichloroethane	8.24	62	121421	21.269	ug/l	100
43) Isopropyl Acetate	8.27	43	155122	22.097	ug/l	99
44) Trichloroethene	8.94	130	115840	20.378	ug/l	88
45) 1,2-Dichloropropane	9.22	63	105238	21.933	ug/l	100
46) Dibromomethane	9.31	93	58905	21.019	ug/l	99
47) Bromodichloromethane	9.50	83	143925	21.593	ug/l	98
48) Methyl methacrylate	9.30	41	71082	22.649	ug/l	94
49) 1,4-Dioxane	9.30	88	16178	454.844	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	409784	112.304	ug/l	98
52) Toluene	10.24	92	250576	21.141	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	152392	22.067	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	171312	21.530	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	86123	21.687	ug/l	96
56) Ethyl methacrylate	10.51	69	116476	21.573	ug/l	98
57) 1,3-Dichloropropane	10.79	76	144842	21.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	313106	113.712	ug/l	99
59) 2-Hexanone	10.83	43	285114	111.933	ug/l	99
60) Dibromochloromethane	10.99	129	107482	21.519	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81300	20.743	ug/l	96
64) Tetrachloroethene	10.72	164	116380	19.327	ug/l	98
65) Chlorobenzene	11.52	112	276098	21.222	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	107589	21.292	ug/l	99
67) Ethyl Benzene	11.59	91	501306	21.581	ug/l	98
68) m/p-Xylenes	11.70	106	375620	42.616	ug/l	100
69) o-Xylene	12.03	106	176320	21.413	ug/l	99
70) Styrene	12.04	104	303401	21.539	ug/l	99
71) Bromoform	12.20	173	71937	21.691	ug/l #	99
73) Isopropylbenzene	12.33	105	490402	21.160	ug/l	100
74) N-amyl acetate	12.14	43	141489	21.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	99522	22.234	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70800m	21.993	ug/l	
77) Bromobenzene	12.61	156	123624	20.926	ug/l	99
78) n-propylbenzene	12.67	91	587413	21.502	ug/l	99
79) 2-Chlorotoluene	12.75	91	322602	21.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	408668	21.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34810	21.045	ug/l	98
82) 4-Chlorotoluene	12.85	91	339863	21.363	ug/l	100
83) tert-Butylbenzene	13.07	119	365378	21.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	410071	21.099	ug/l	99
85) sec-Butylbenzene	13.25	105	503228	21.482	ug/l	100
86) p-Isopropyltoluene	13.37	119	467732	21.384	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	234455	20.987	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	236183	21.354	ug/l	99
89) n-Butylbenzene	13.69	91	444998	21.629	ug/l	100
90) Hexachloroethane	13.96	117	88127	22.124	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	212176	21.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16408	22.611	ug/l	97

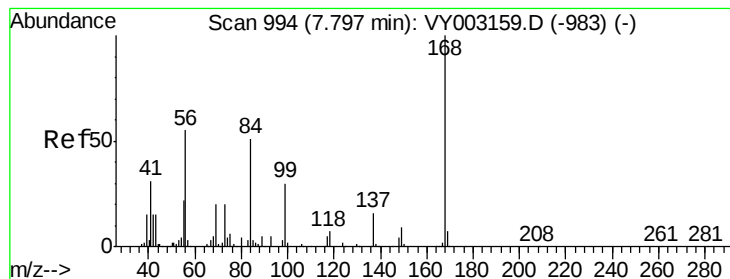
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
Data File : VY003354.D
Acq On : 27 Jul 2020 14:11
Operator : SY/MD
Sample : VY0727SBS01
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	151262	21.688	ug/l	100
94) Hexachlorobutadiene	15.11	225	100558	21.041	ug/l	99
95) Naphthalene	15.23	128	258479	22.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	122091	22.145	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

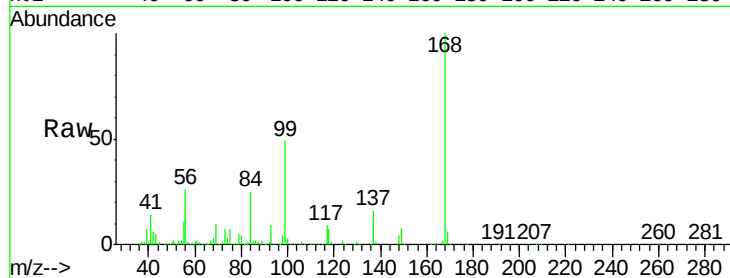
VY0727SBS01

Tot Ion:168 Resp: 503120

Ion Ratio Lower Upper

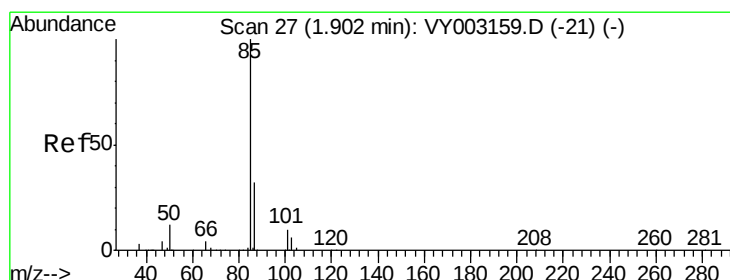
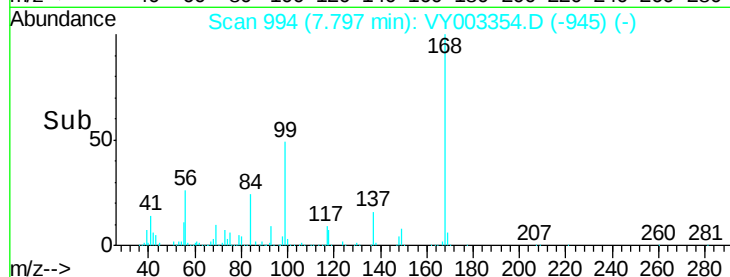
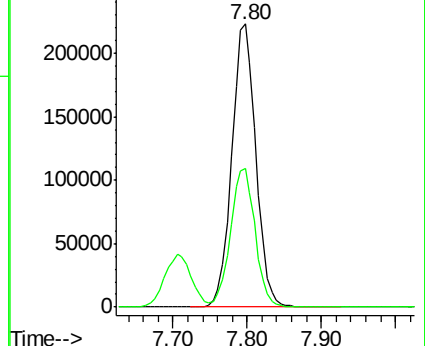
168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003354.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003354.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 21.895 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003354.D

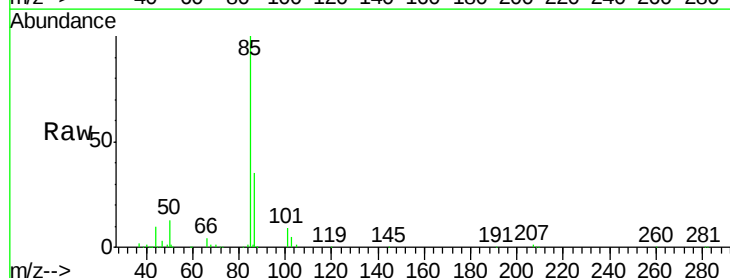
Acq: 27 Jul 2020 14:11

Tgt Ion: 85 Resp: 78952

Ion Ratio Lower Upper

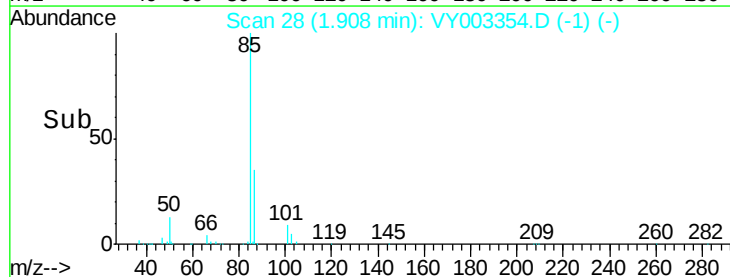
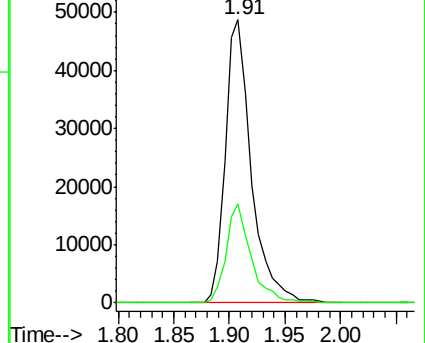
85 100

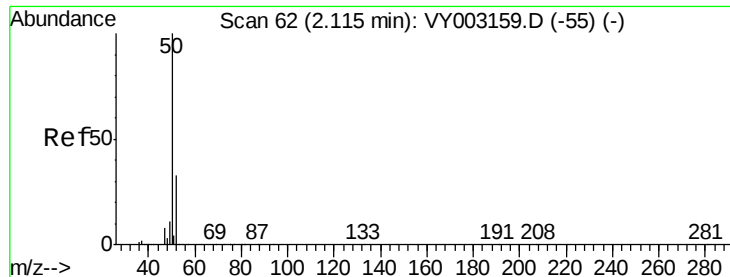
87 35.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003354.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003354.D (-1) (-)





#3

Chloromethane

Concen: 21.185 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

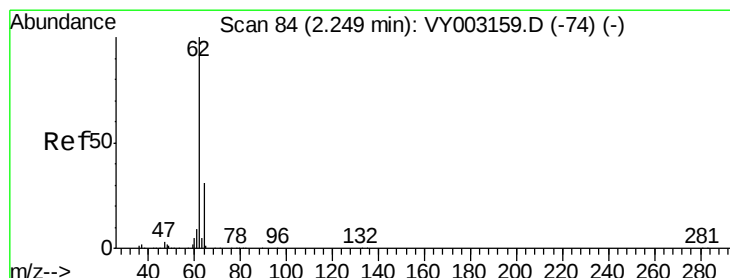
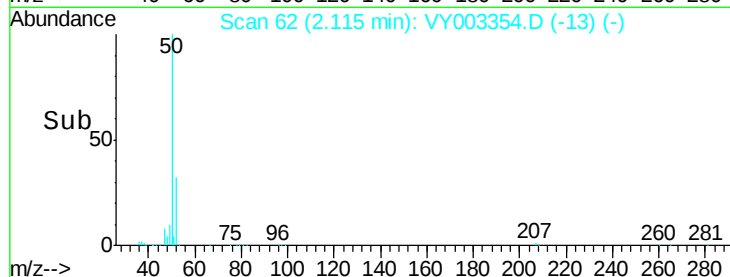
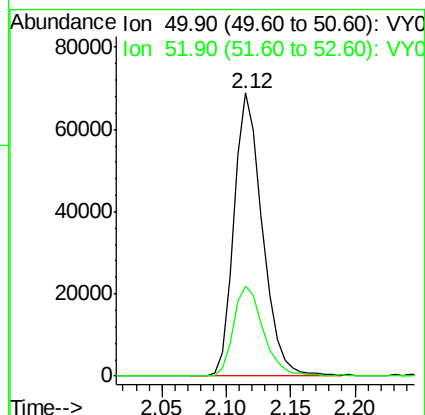
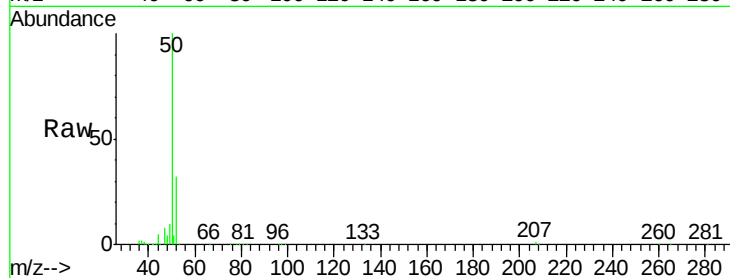
VY0727SBS01

Tot Ion: 50 Resp: 105963

Ion Ratio Lower Upper

50 100

52 31.8 26.6 39.8



#4

Vinyl Chloride

Concen: 21.366 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003354.D

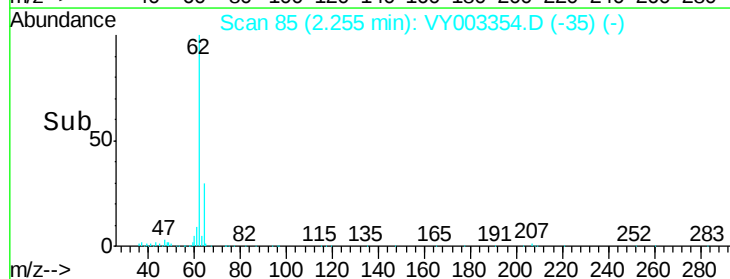
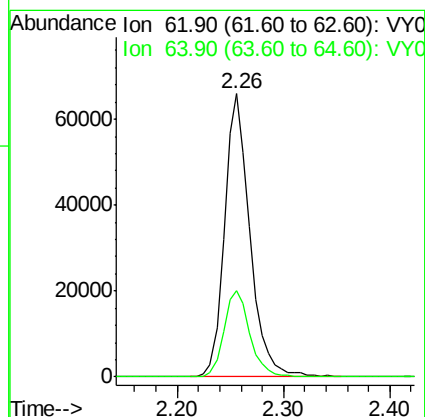
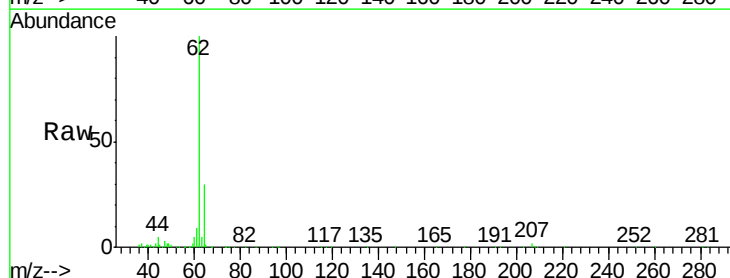
Acq: 27 Jul 2020 14:11

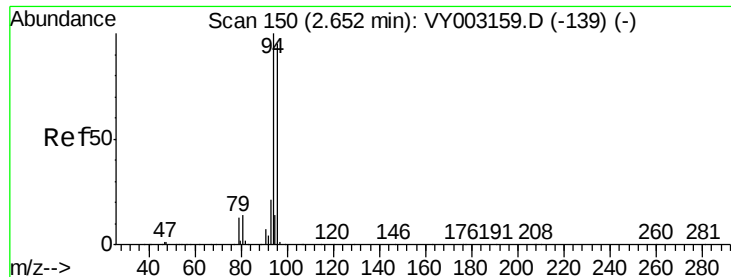
Tgt Ion: 62 Resp: 109652

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0





#5

Bromomethane

Concen: 23.402 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

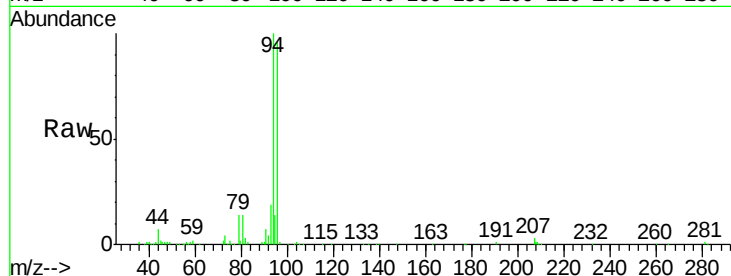
VY0727SBS01

Tot Ion: 94 Resp: 89205

Ion Ratio Lower Upper

94 100

96 95.4 76.0 114.0

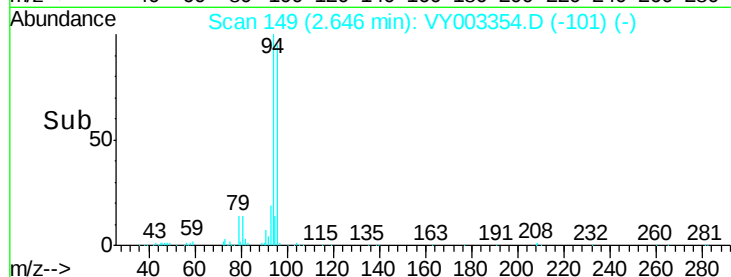


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

Time-->



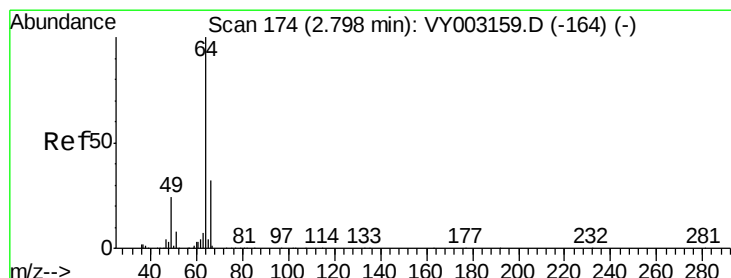
Abundance

Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

Time-->



#6

Chloroethane

Concen: 21.160 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003354.D

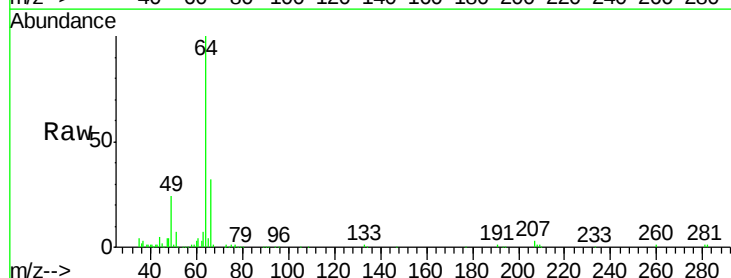
Acq: 27 Jul 2020 14:11

Tgt Ion: 64 Resp: 71326

Ion Ratio Lower Upper

64 100

66 32.3 26.0 39.0

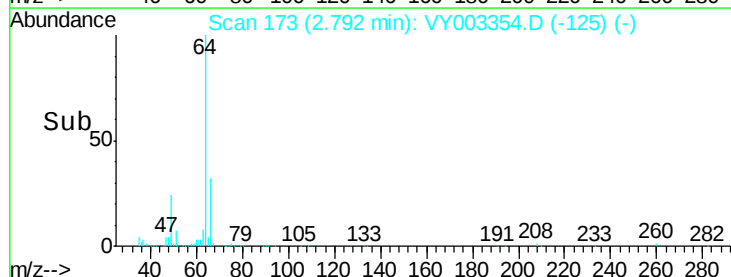


Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

Time-->



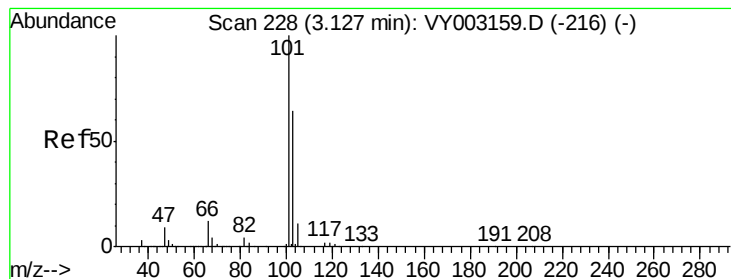
Abundance

Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

Time-->

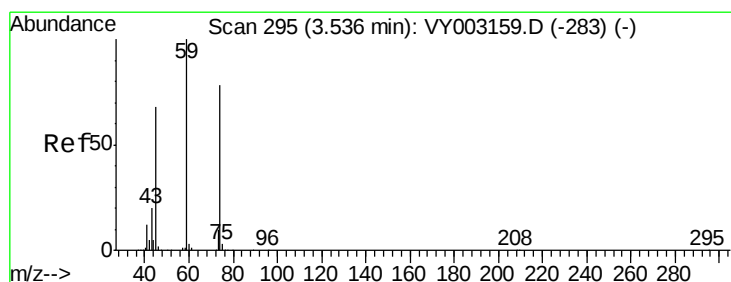
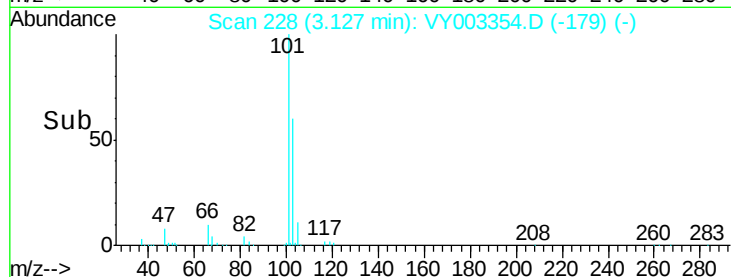
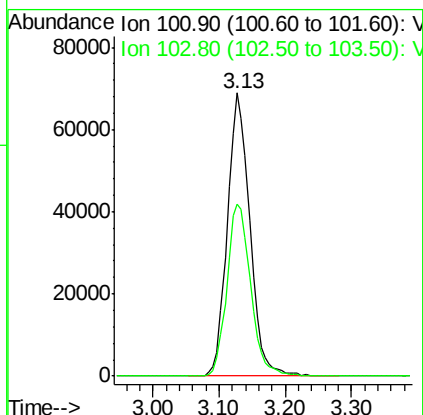
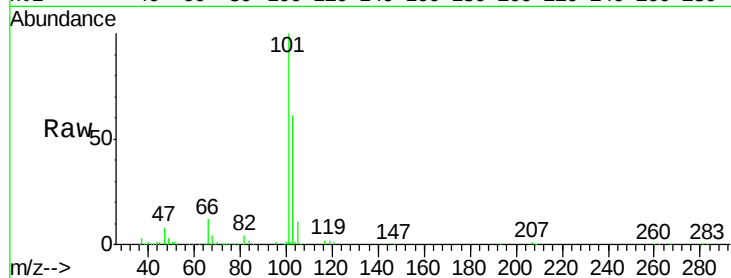


#7

Trichlorofluoromethane
 Concen: 22.209 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

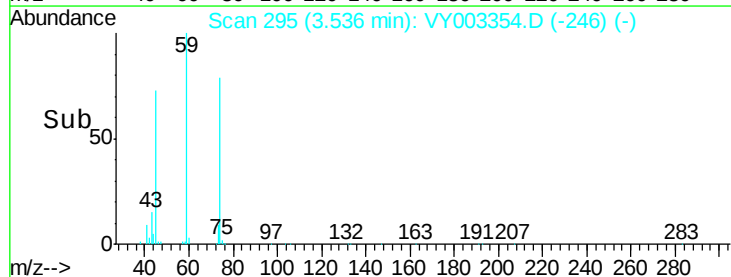
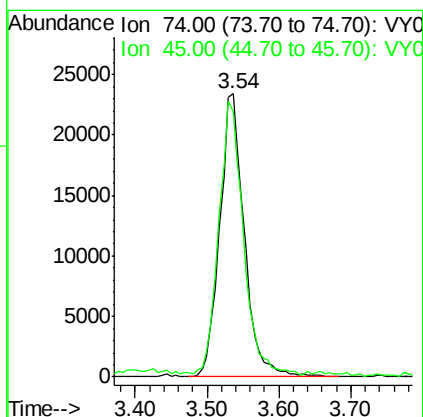
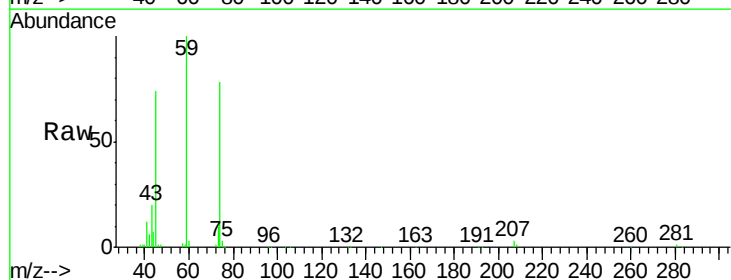
Tot Ion:101 Resp: 162772
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.3 76.9

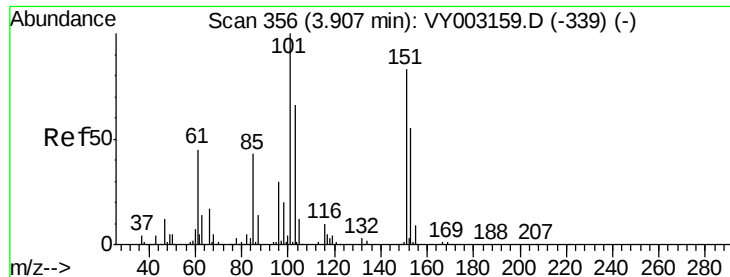


#8

Diethyl Ether
 Concen: 22.668 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 74 Resp: 55671
 Ion Ratio Lower Upper
 74 100
 45 96.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.910 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

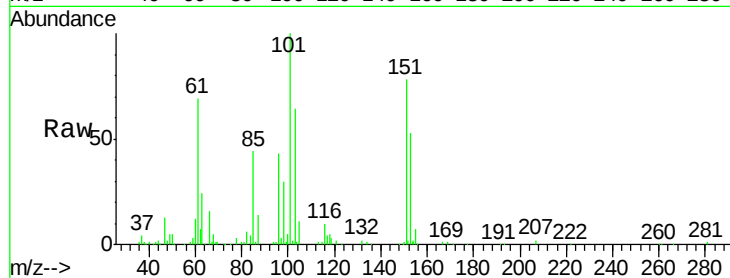
Tot Ion:101 Resp: 96983

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

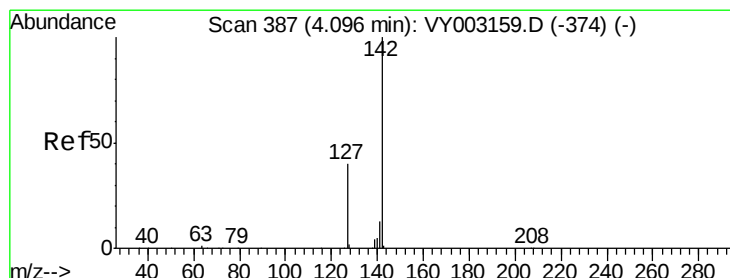
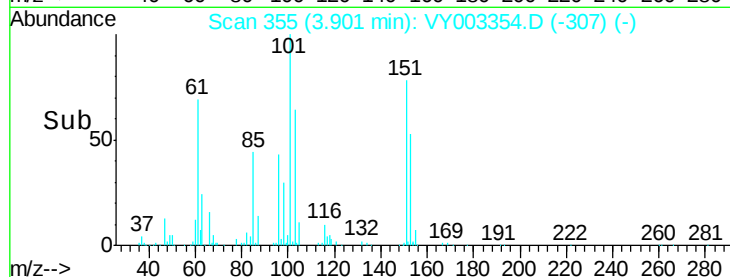
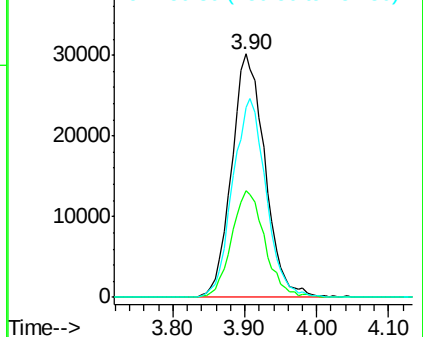
151 81.6 67.0 100.6



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: 19.473 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

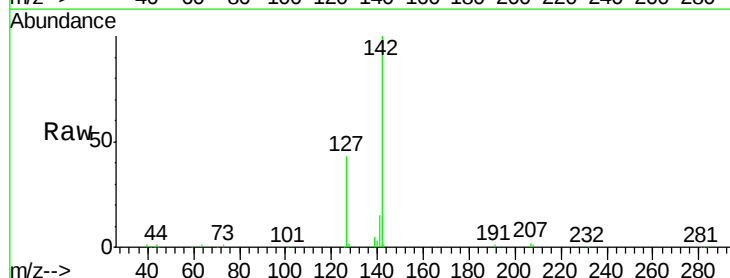
Tgt Ion:142 Resp: 93645

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

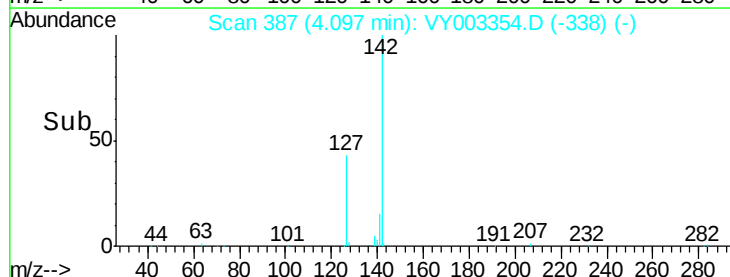
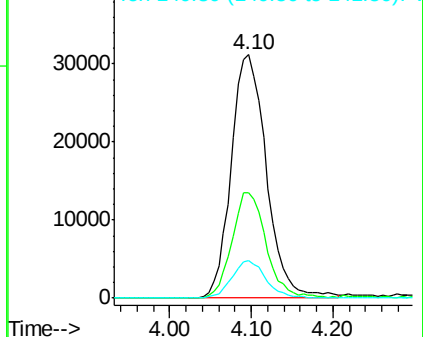
141 14.7 11.2 16.8

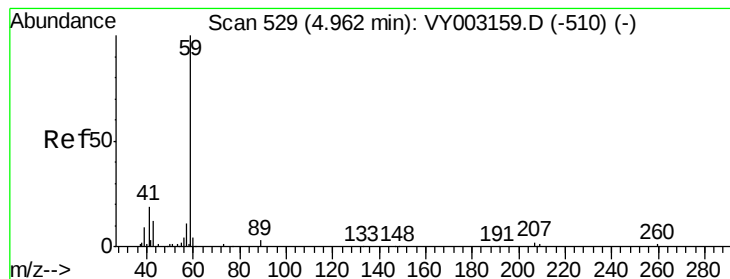


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



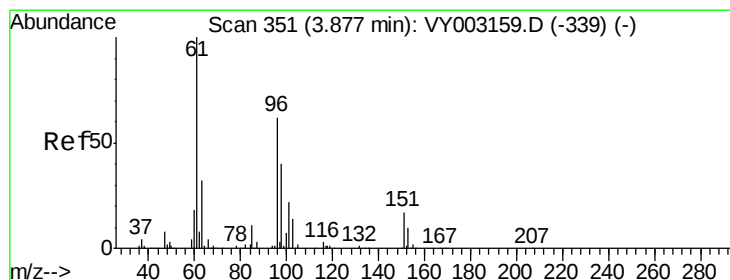
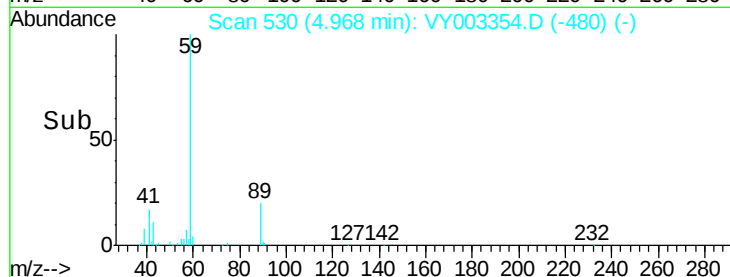
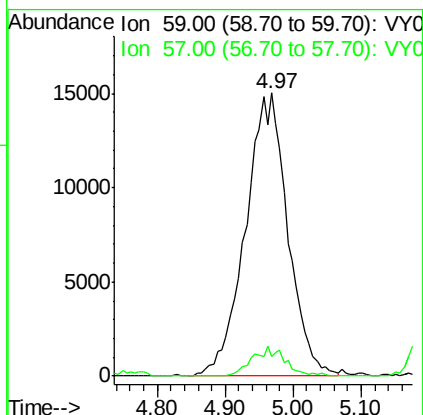
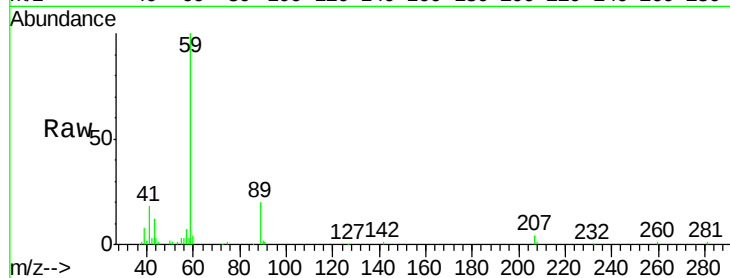


#11

Tert butyl alcohol
 Concen: 141.384 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

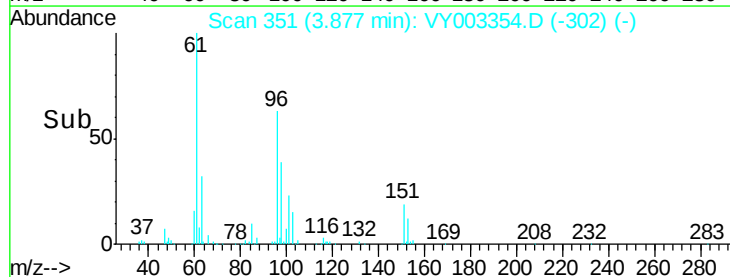
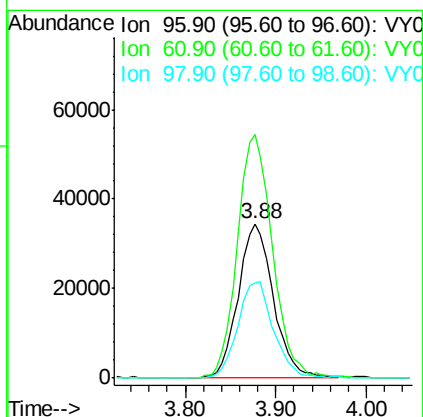
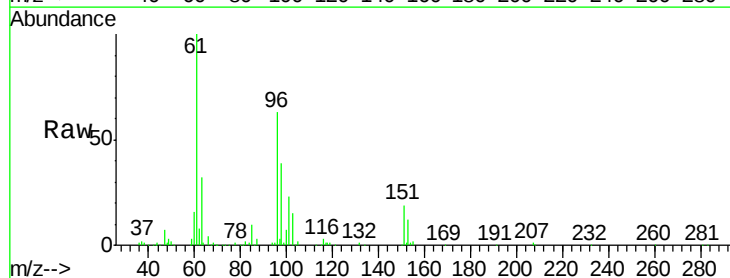
Tot Ion: 59 Resp: 64921
 Ion Ratio Lower Upper
 59 100
 57 8.1 8.4 12.6#

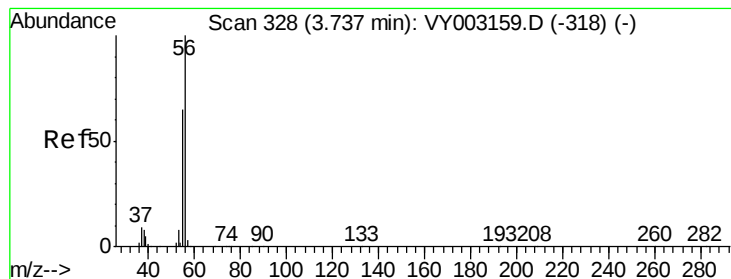


#12

1,1-Dichloroethene
 Concen: 21.920 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 96 Resp: 91771
 Ion Ratio Lower Upper
 96 100
 61 158.5 128.6 193.0
 98 61.7 51.6 77.4





#13

Acrolein

Concen: 74.039 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

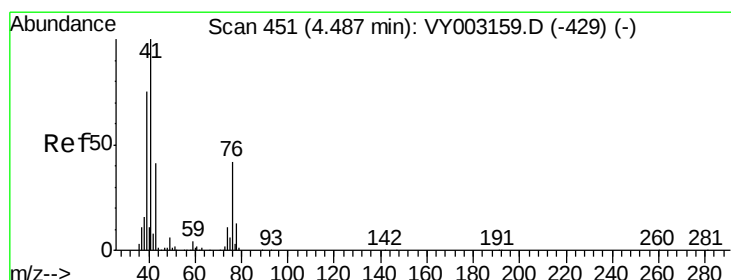
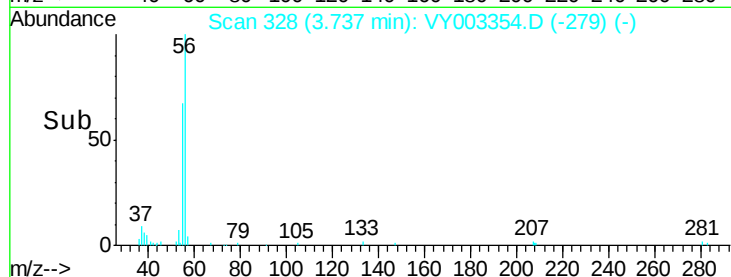
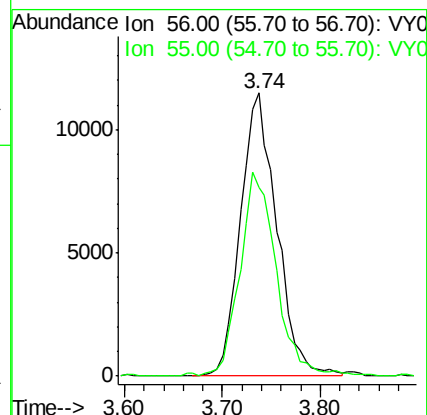
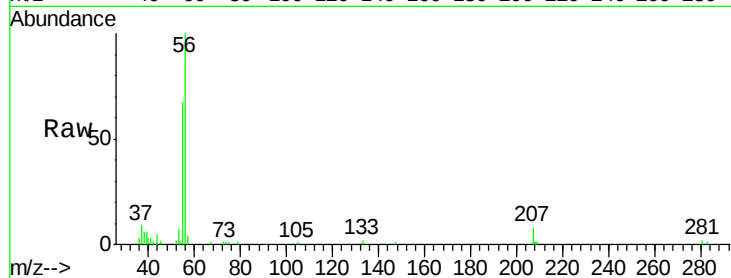
VY0727SBS01

Tot Ion: 56 Resp: 29509

Ion Ratio Lower Upper

56 100

55 72.3 56.0 84.0



#14

Allyl chloride

Concen: 23.601 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

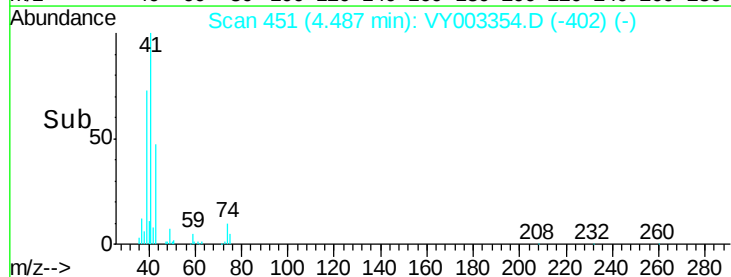
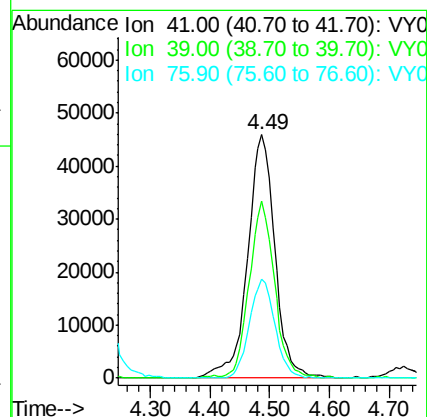
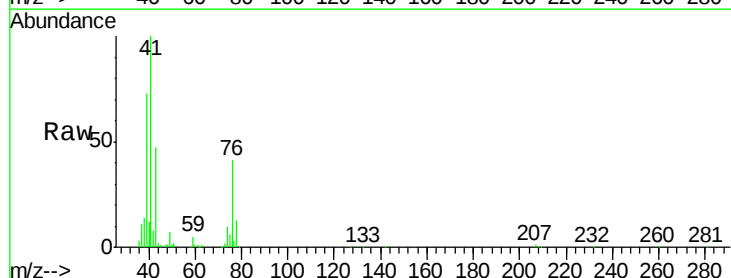
Tgt Ion: 41 Resp: 146618

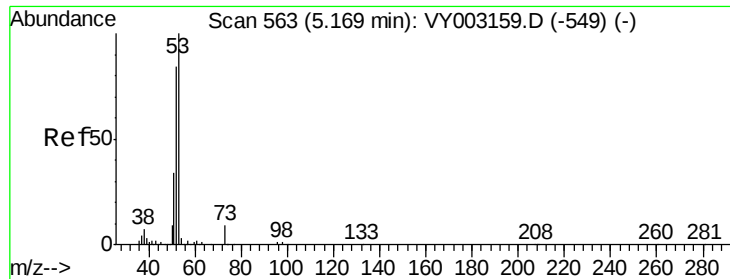
Ion Ratio Lower Upper

41 100

39 68.0 56.6 85.0

76 38.0 31.6 47.4





#15

Acrylonitrile

Concen: 119.866 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

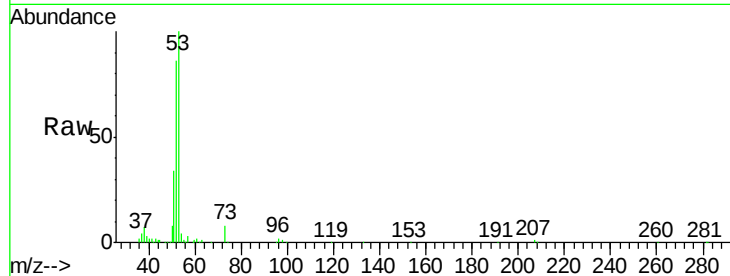
Tot Ion: 53 Resp: 141408

Ion Ratio Lower Upper

53 100

52 81.4 65.8 98.6

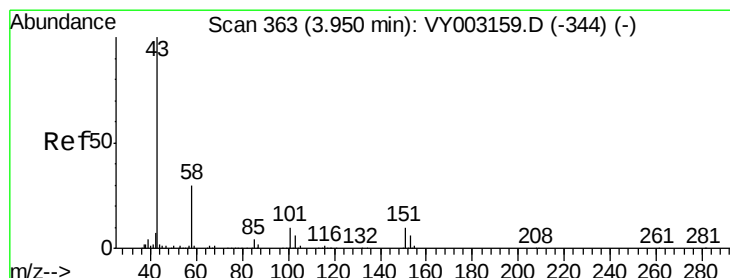
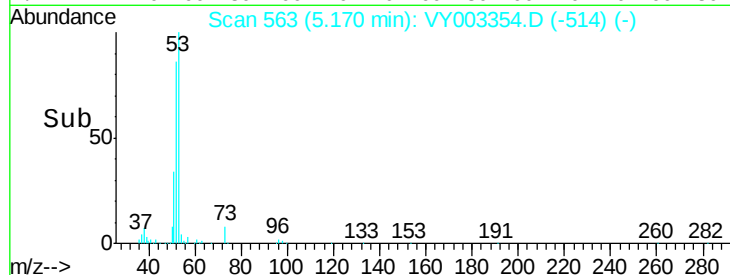
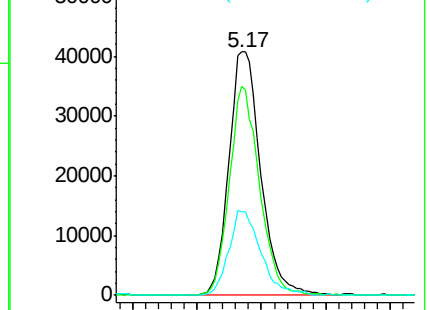
51 35.0 29.0 43.4



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: 120.512 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003354.D

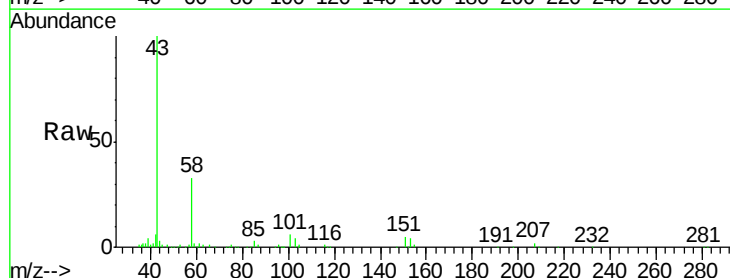
Acq: 27 Jul 2020 14:11

Tgt Ion: 43 Resp: 114311

Ion Ratio Lower Upper

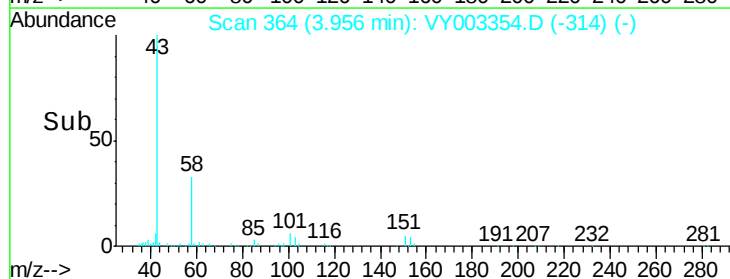
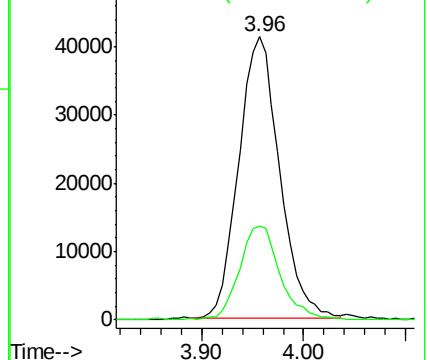
43 100

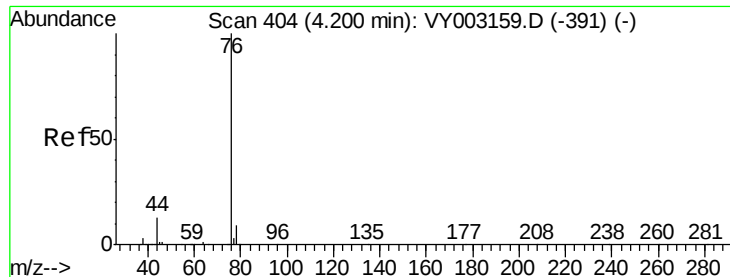
58 33.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.924 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

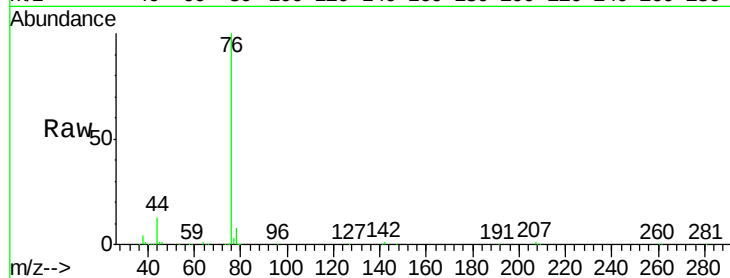
VY0727SBS01

Tot Ion: 76 Resp: 281659

Ion Ratio Lower Upper

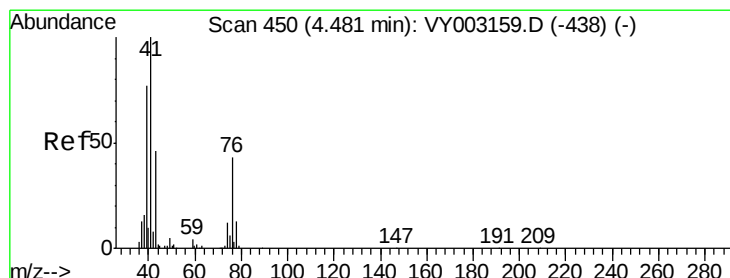
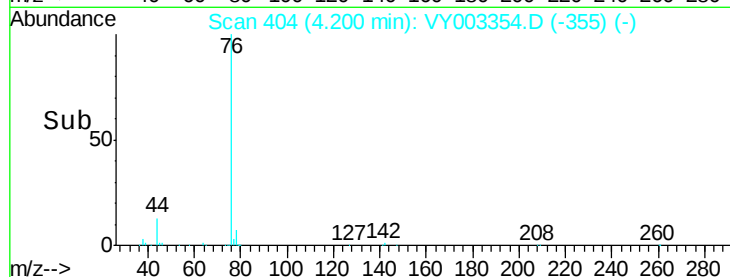
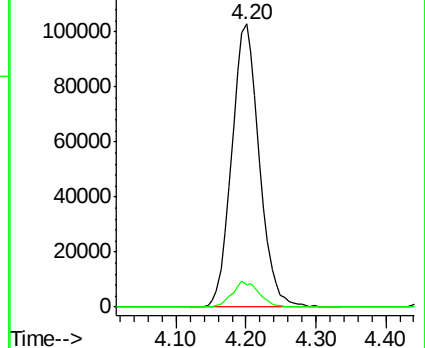
76 100

78 8.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003354.D

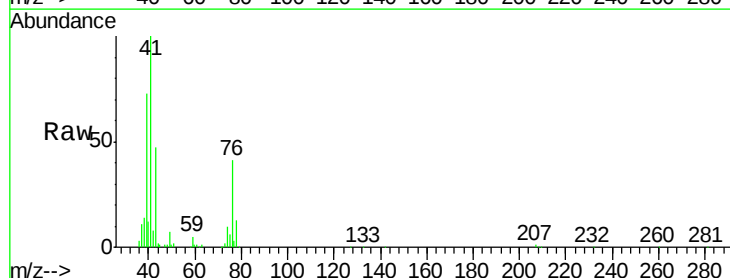
Acq: 27 Jul 2020 14:11

Tgt Ion: 43 Resp: 66118

Ion Ratio Lower Upper

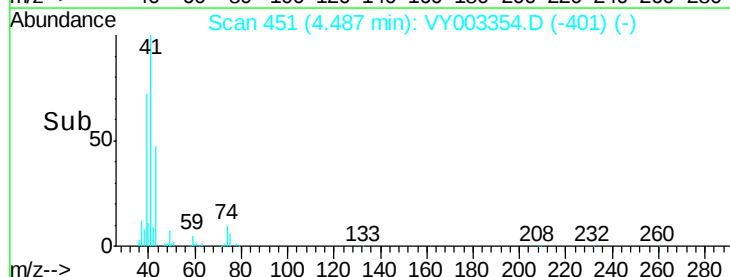
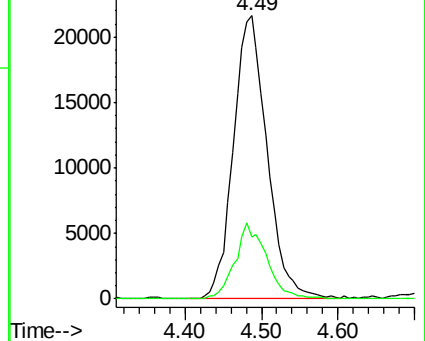
43 100

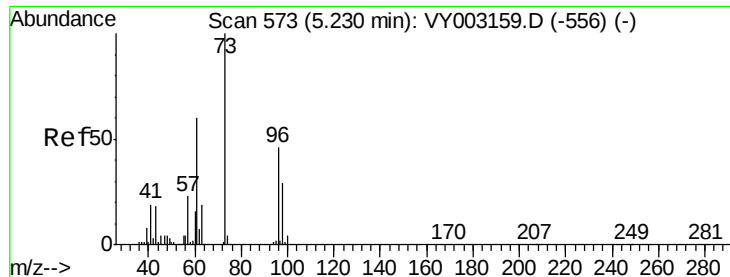
74 24.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

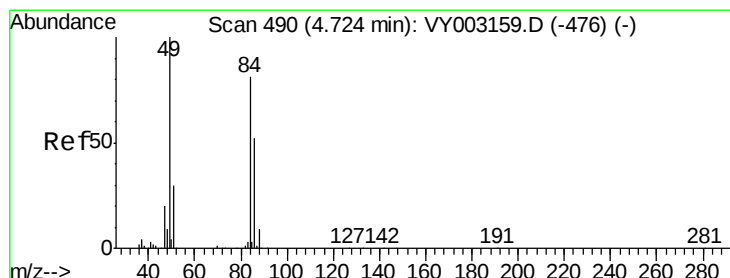
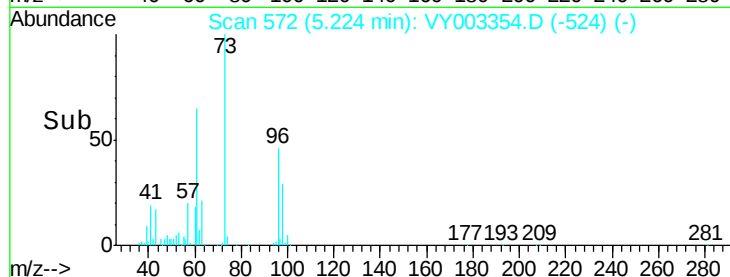
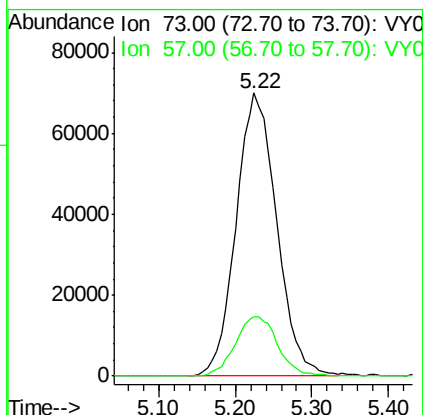
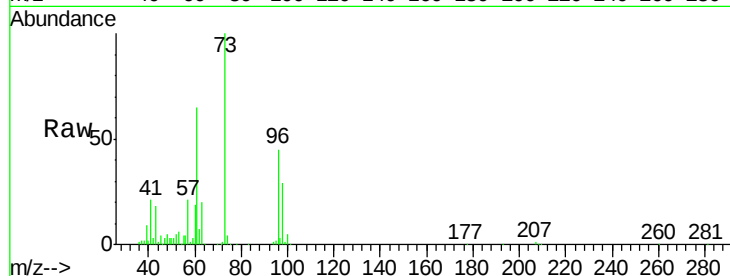




#19
Methvl tert-butvl Ether
Concen: 21.924 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

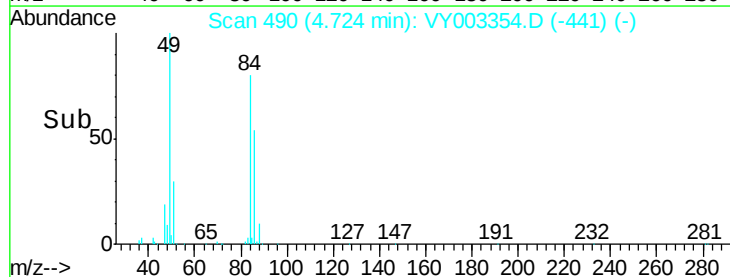
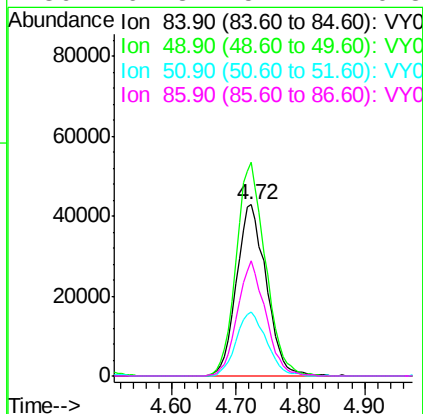
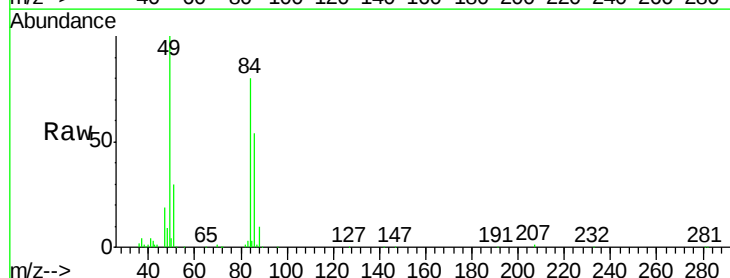
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

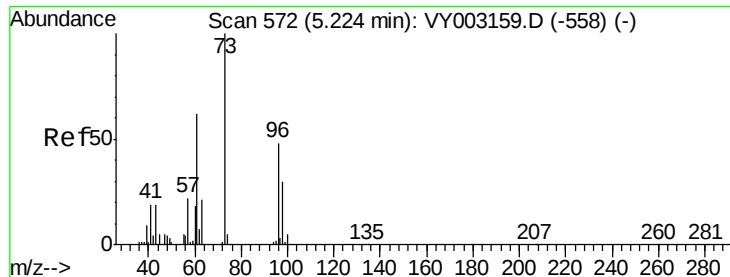
Tot Ion: 73 Resp: 257224
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1



#20
Methylene Chloride
Concen: 26.114 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 84 Resp: 137159
Ion Ratio Lower Upper
84 100
49 124.6 98.2 147.4
51 37.0 29.8 44.6
86 67.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.776 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

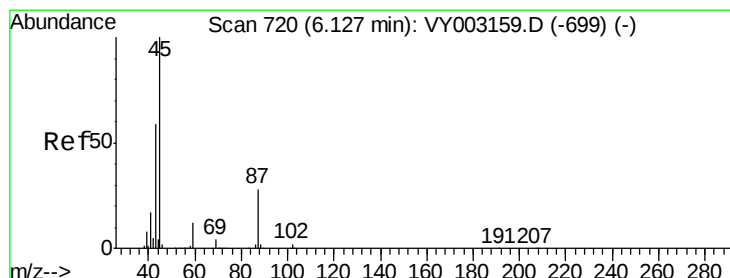
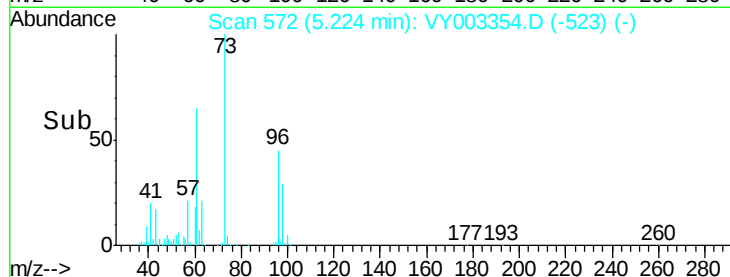
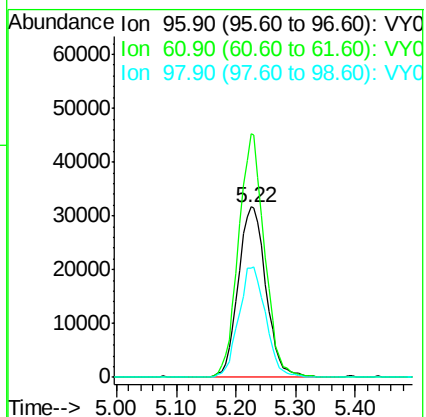
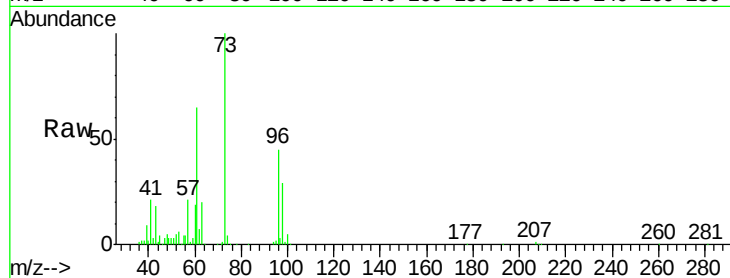
Tot Ion: 96 Resp: 103116

Ion Ratio Lower Upper

96 100

61 142.8 102.5 153.7

98 64.4 49.8 74.8



#22

Diisopropyl ether

Concen: 23.059 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Tgt Ion: 45 Resp: 317916

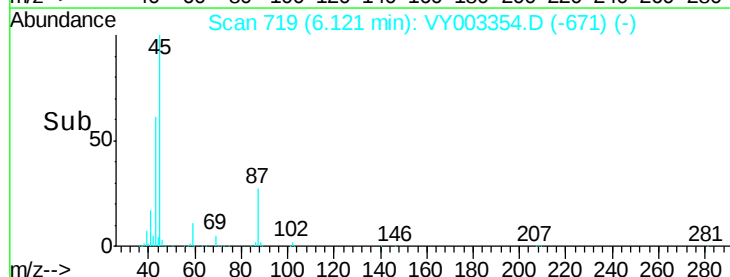
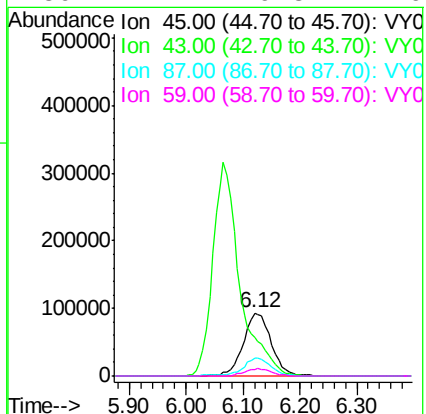
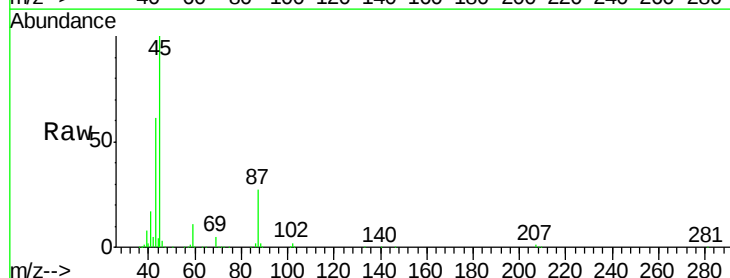
Ion Ratio Lower Upper

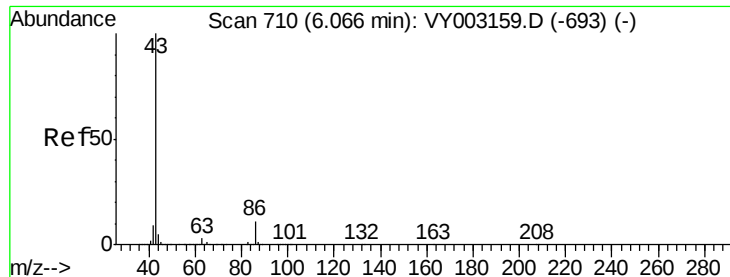
45 100

43 60.9 47.0 70.4

87 27.4 22.6 33.8

59 11.1 9.8 14.6





#23

Vinyl Acetate

Concen: 113.379 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

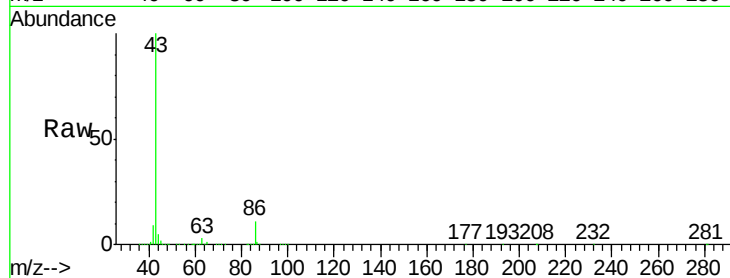
VY0727SBS01

Tot Ion: 43 Resp: 1041904

Ion Ratio Lower Upper

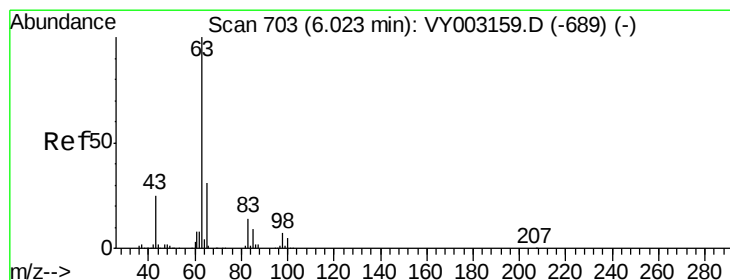
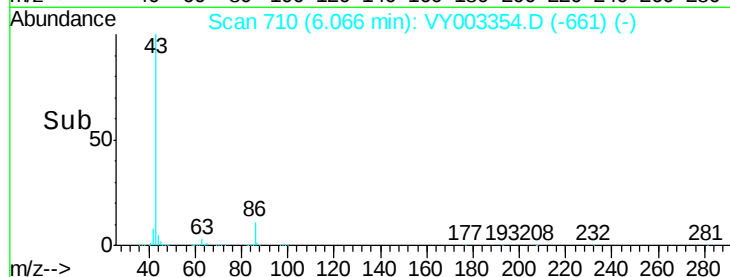
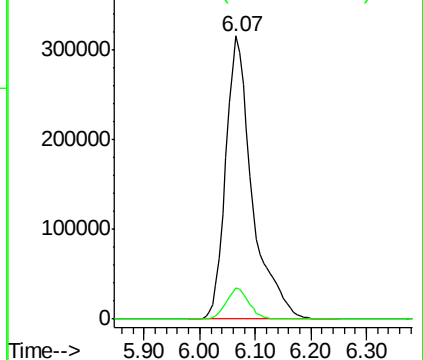
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.707 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

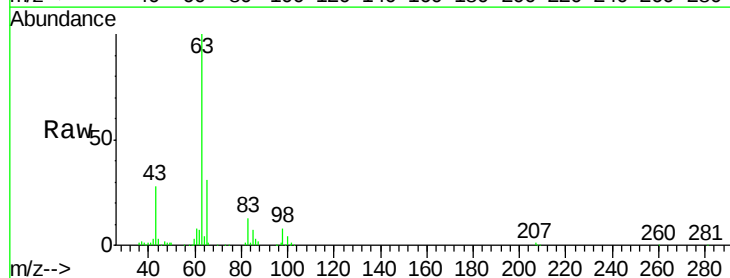
Tgt Ion: 63 Resp: 181374

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

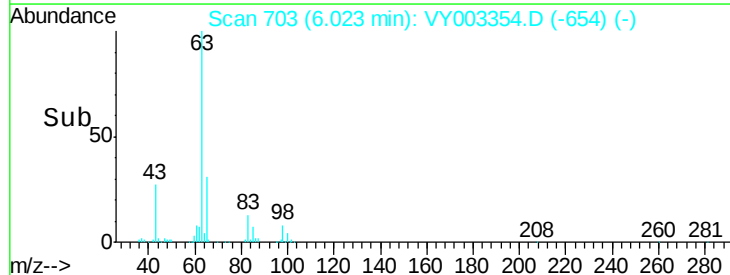
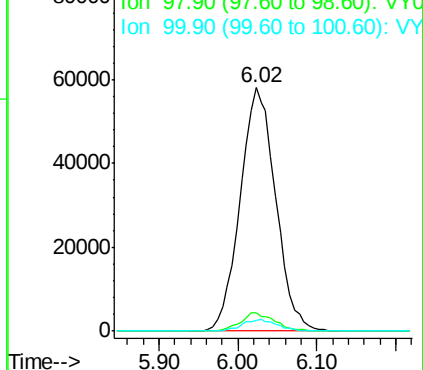
100 4.3 2.4 7.2

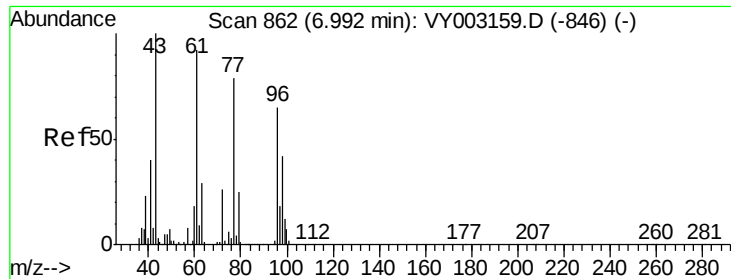


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 119.541 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

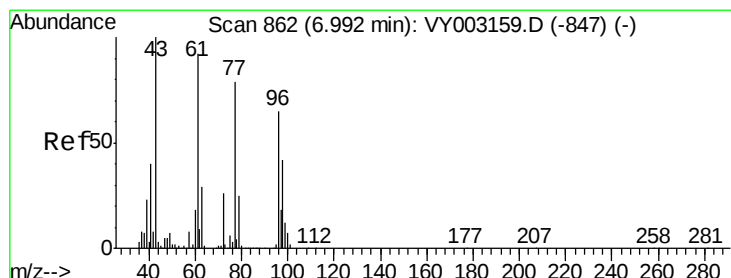
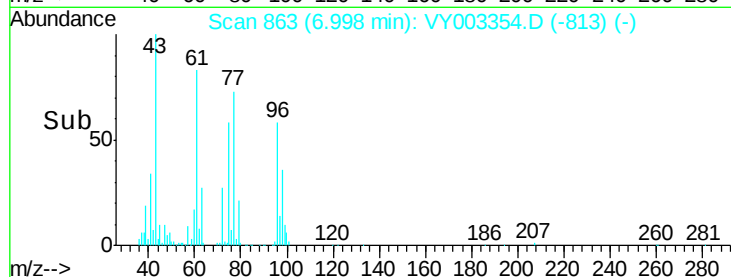
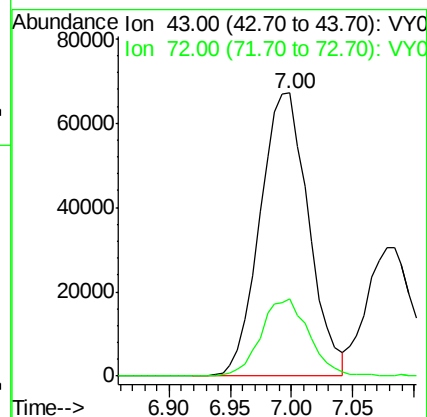
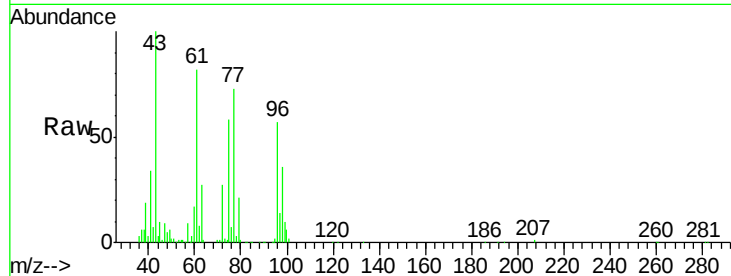
VY0727SBS01

Tot Ion: 43 Resp: 186176

Ion Ratio Lower Upper

43 100

72 27.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 23.243 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003354.D

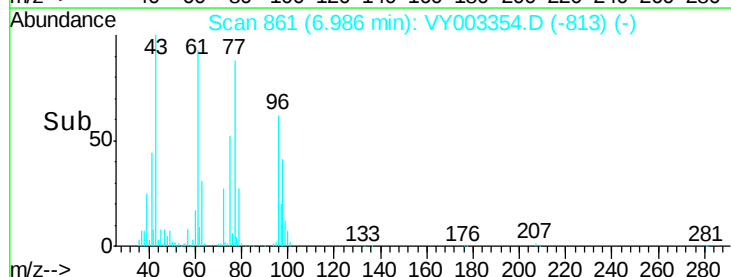
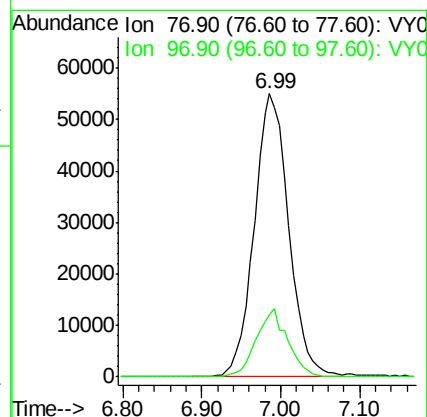
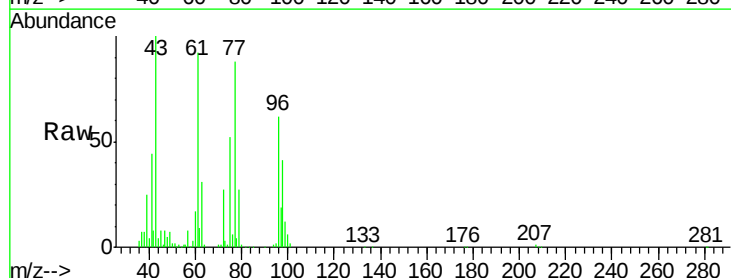
Acq: 27 Jul 2020 14:11

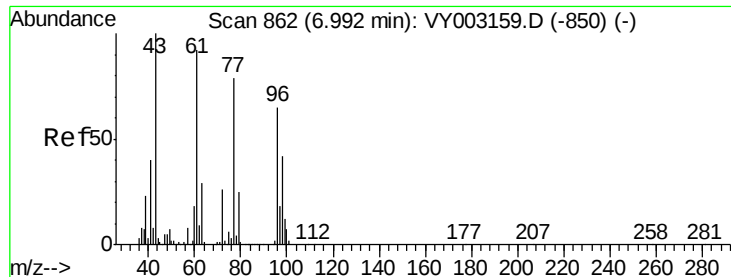
Tgt Ion: 77 Resp: 167199

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.7



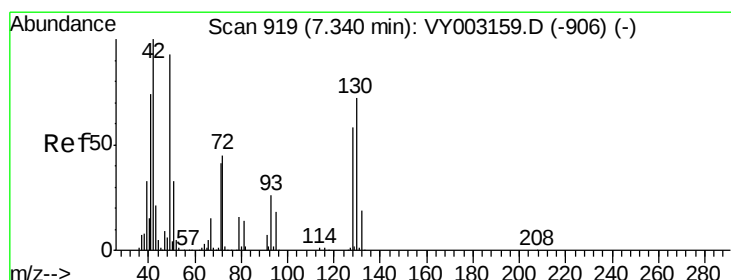
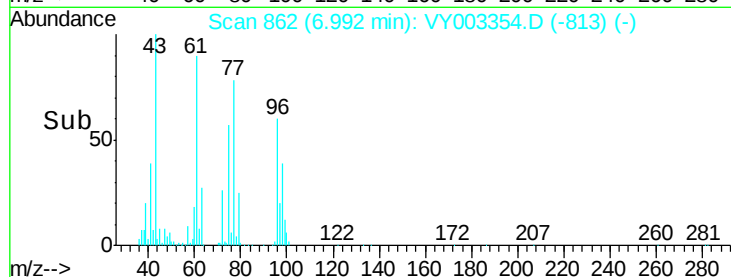
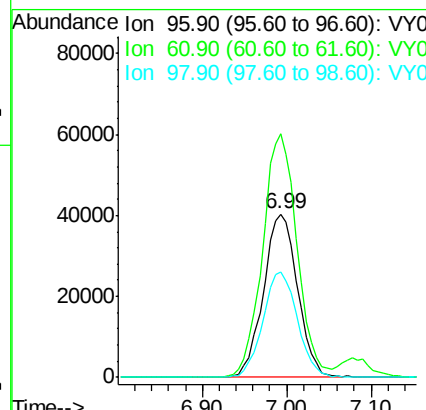
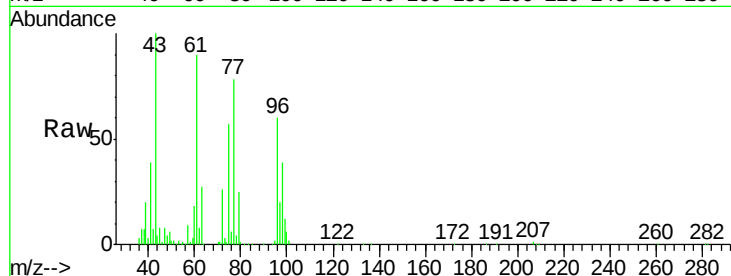


#27

cis-1,2-Dichloroethene
 Concen: 21.586 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

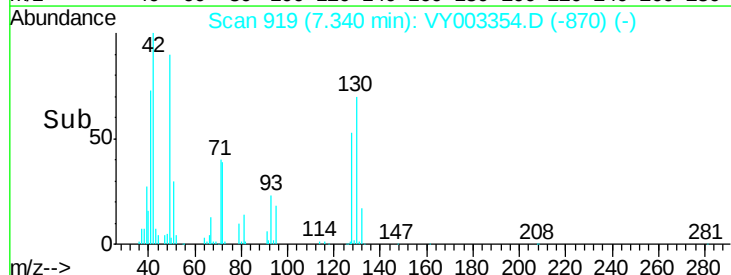
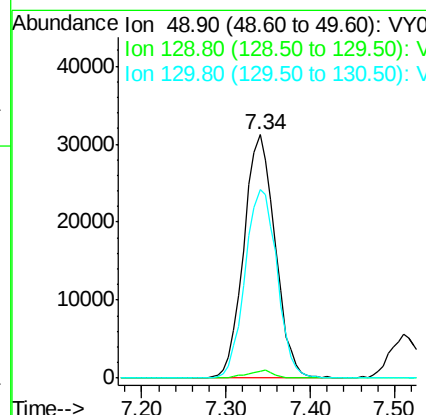
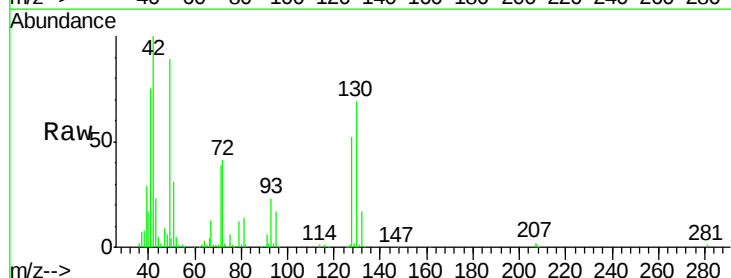
Tot Ion	96	Resp	112541
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	281.2
98	65.0	0.0	129.8

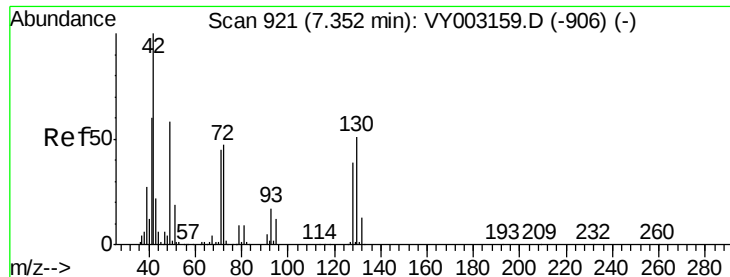


#28

Bromochloromethane
 Concen: 22.643 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion	49	Resp	78304
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	79.3	64.9	97.3





#29

Tetrahydrofuran

Concen: 118.218 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

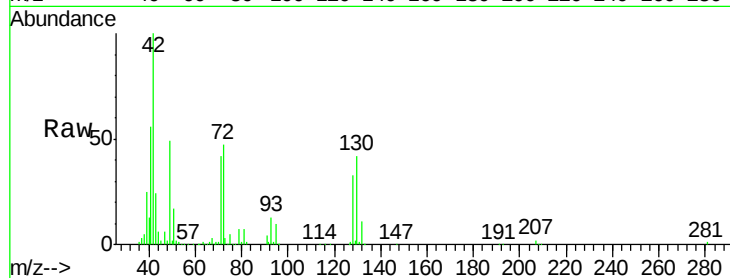
Tot Ion: 42 Resp: 123686

Ion Ratio Lower Upper

42 100

72 42.8 36.7 55.1

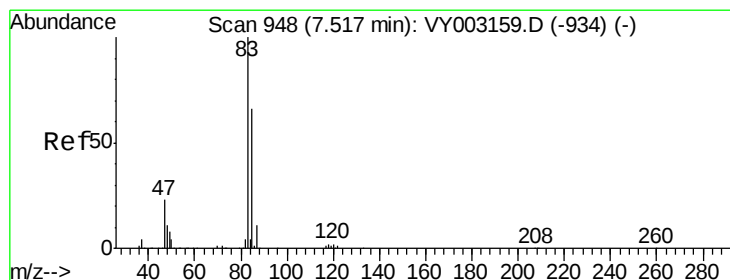
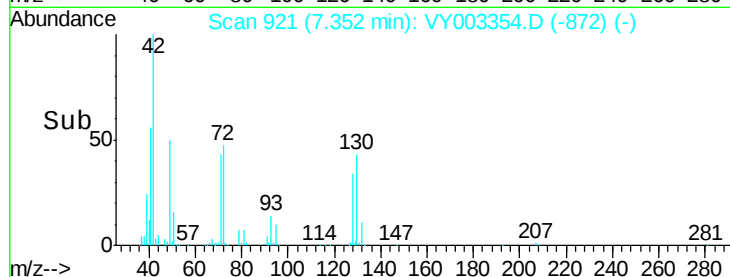
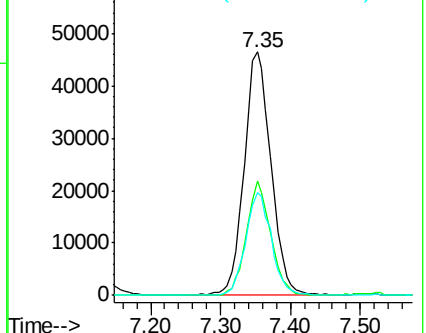
71 40.6 34.2 51.4



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: 21.986 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003354.D

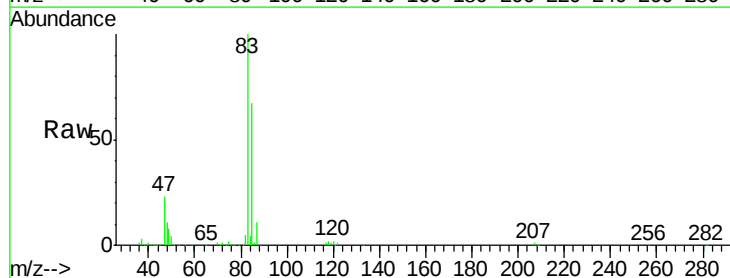
Acq: 27 Jul 2020 14:11

Tgt Ion: 83 Resp: 180876

Ion Ratio Lower Upper

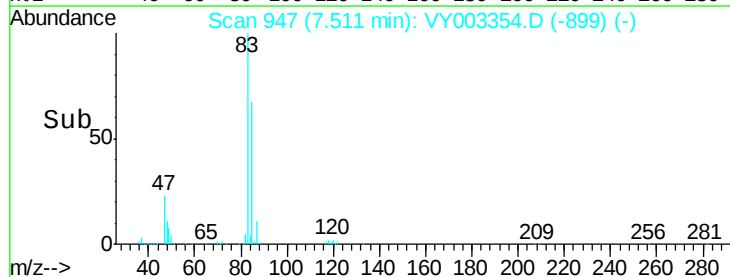
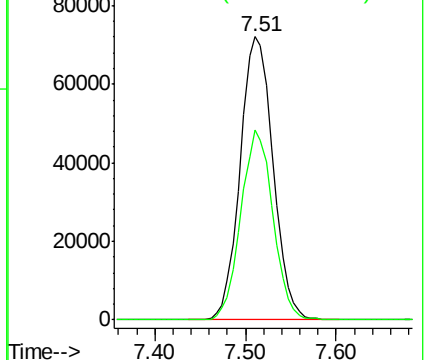
83 100

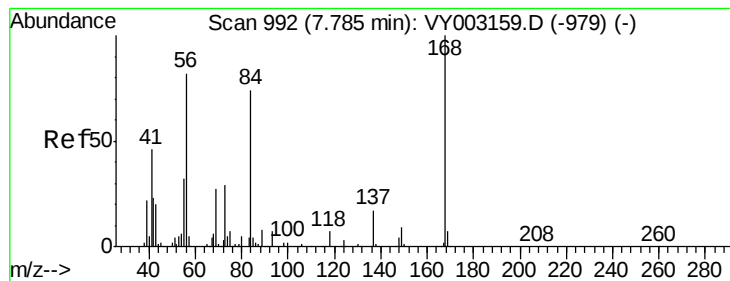
85 67.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cvclohexane

Concen: 22.118 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

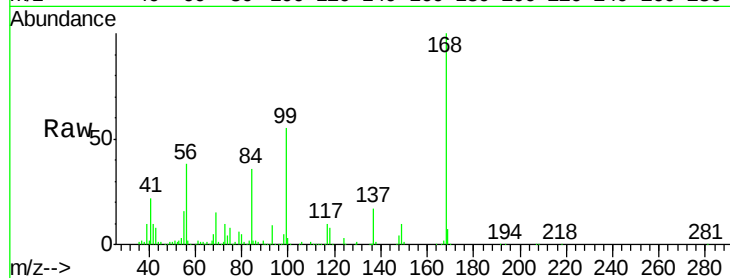
Tot Ion: 56 Resp: 170838

Ion Ratio Lower Upper

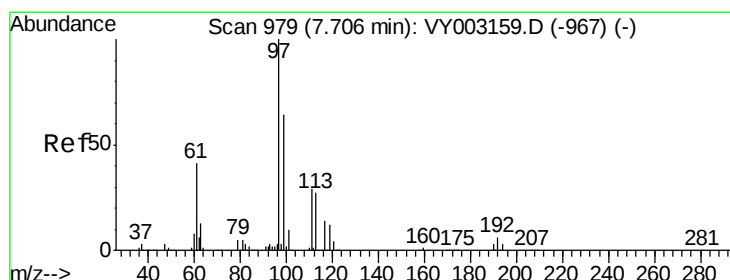
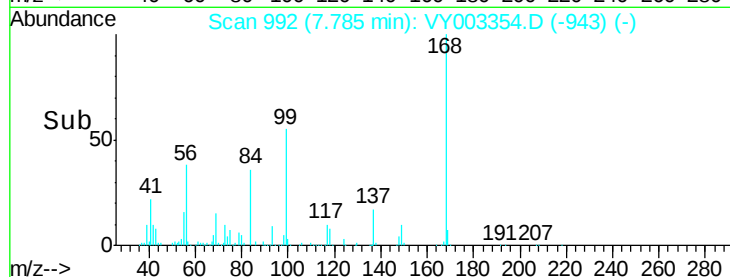
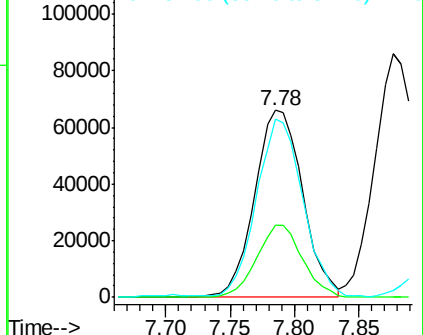
56 100

69 38.4 26.7 40.1

84 94.6 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 22.117 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

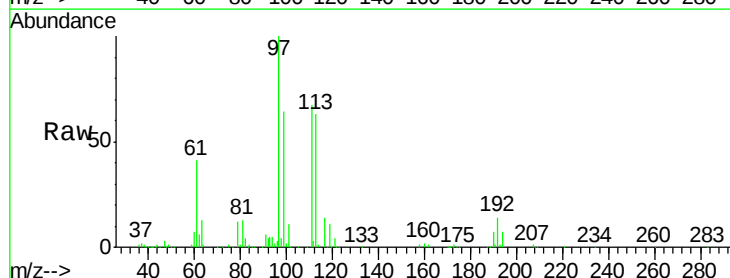
Tgt Ion: 97 Resp: 163802

Ion Ratio Lower Upper

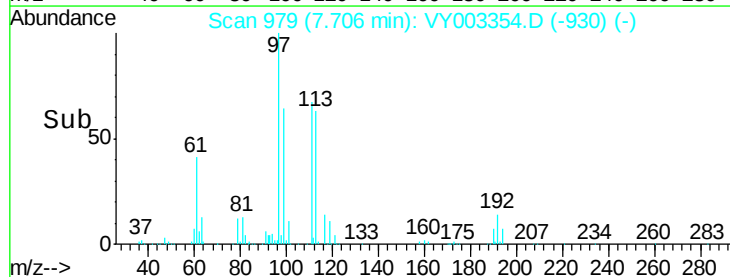
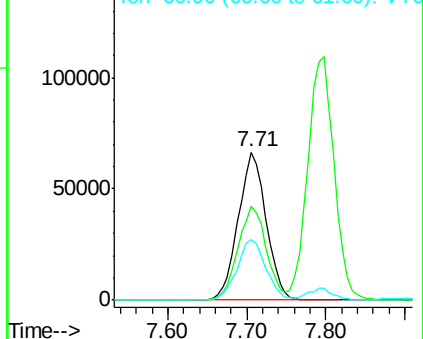
97 100

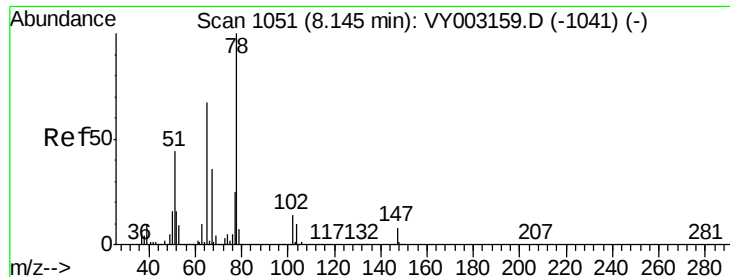
99 64.5 52.1 78.1

61 42.3 33.9 50.9



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

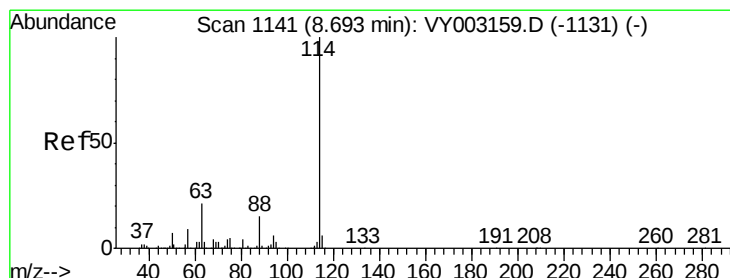
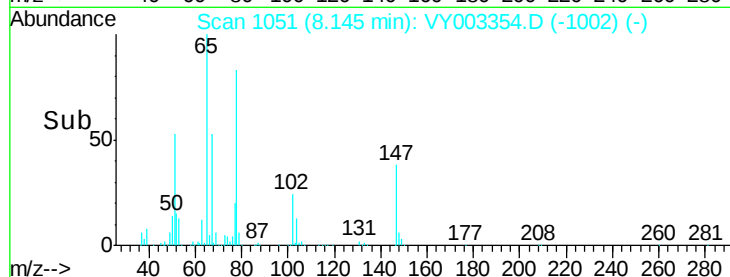
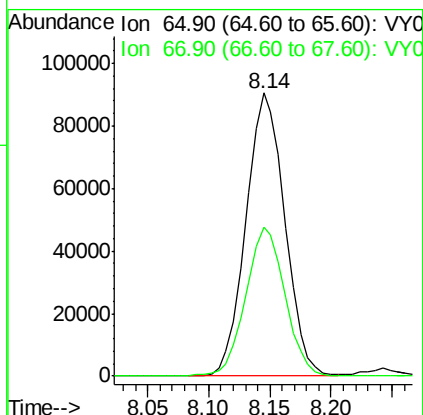
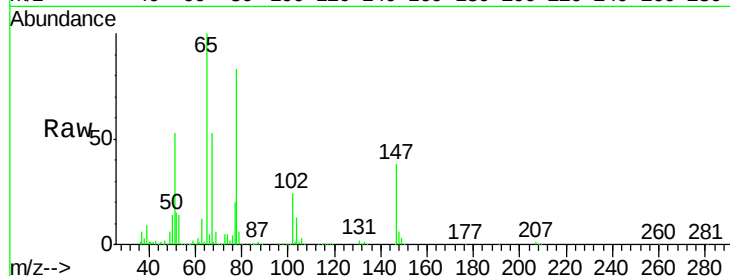




#33
 1,2-Dichloroethane-d4
 Concen: 47.195 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

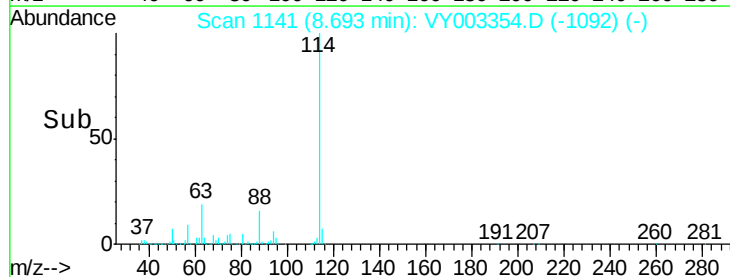
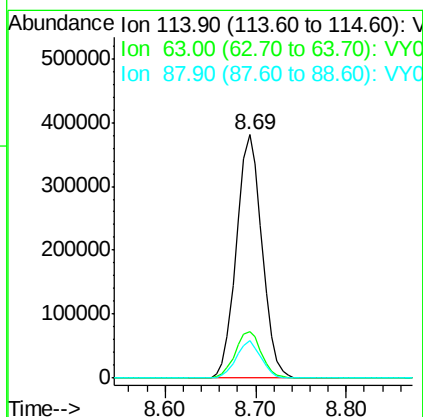
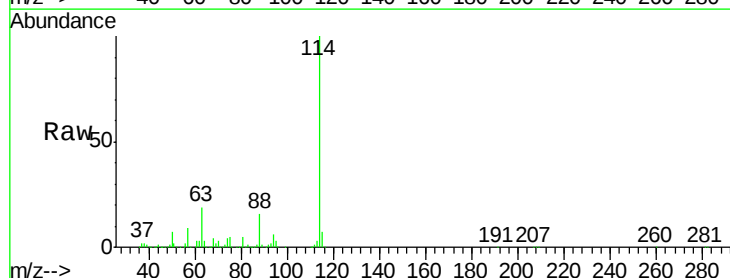
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

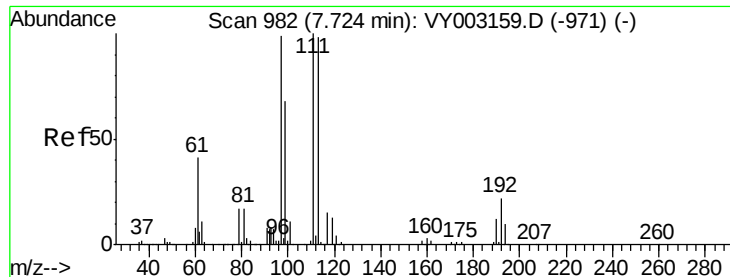
Tot Ion: 65 Resp: 200414
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 114 Resp: 743066
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 15.7 0.0 30.2

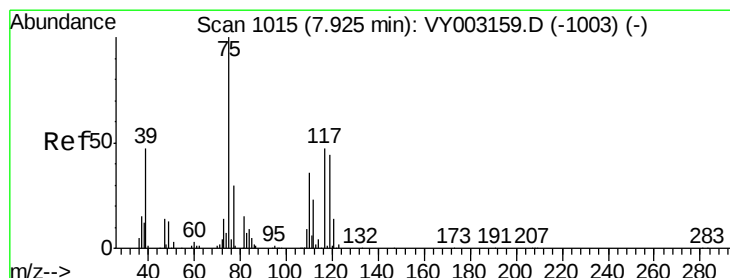
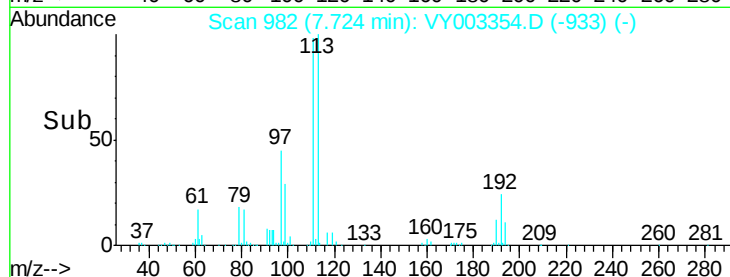
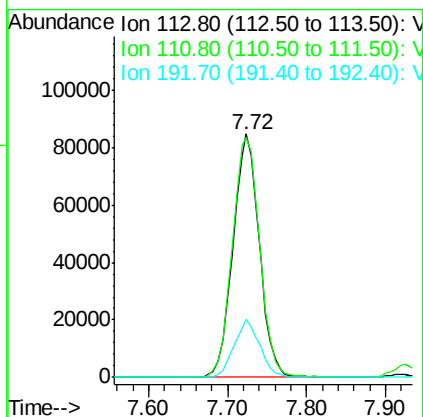
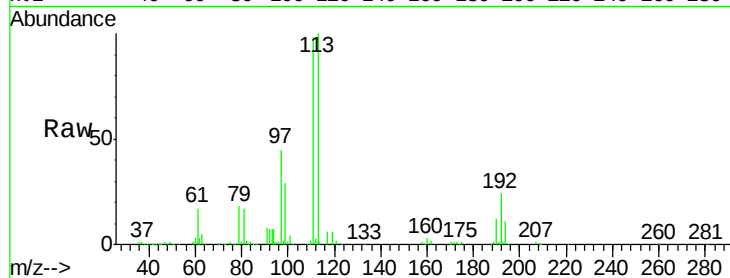




#35
Dibromofluoromethane
Concen: 45.958 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

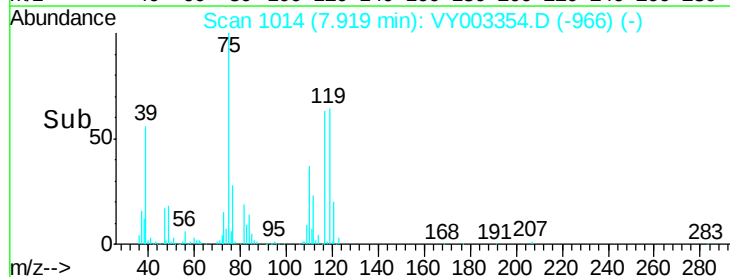
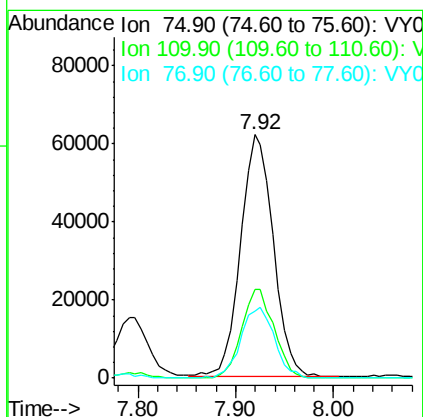
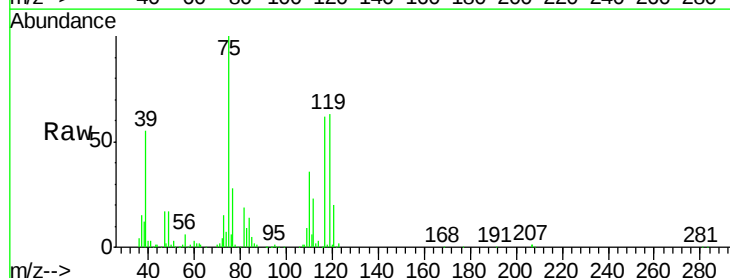
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

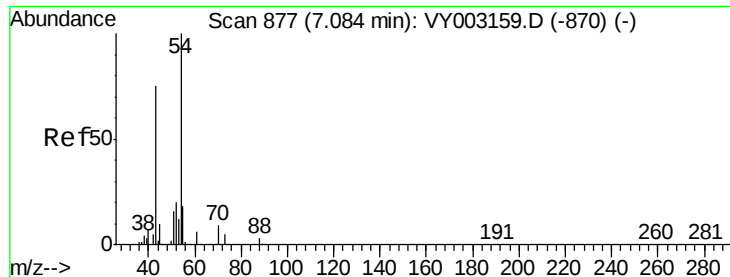
Tot Ion:113 Resp: 196523
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 23.0 18.8 28.2



#36
1,1-Dichloropropene
Concen: 21.278 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 75 Resp: 143302
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.1
77 30.6 24.8 37.2

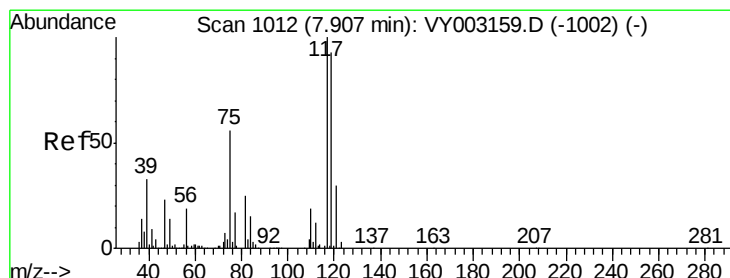
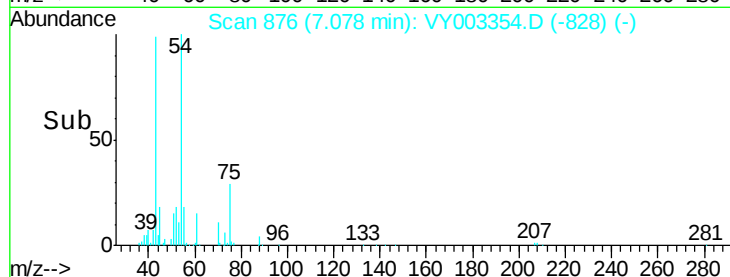
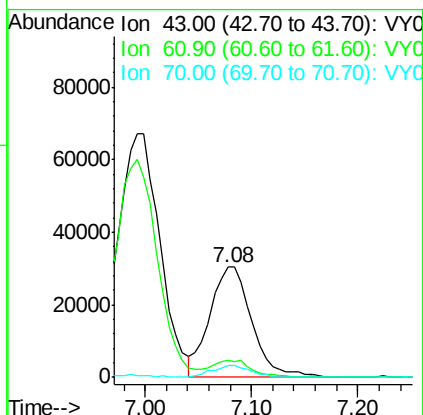
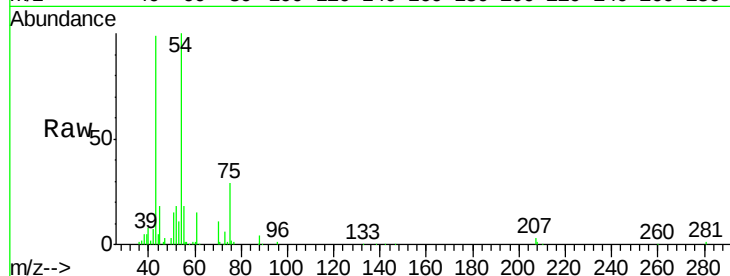




#37
Ethyl Acetate
Concen: 22.734 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

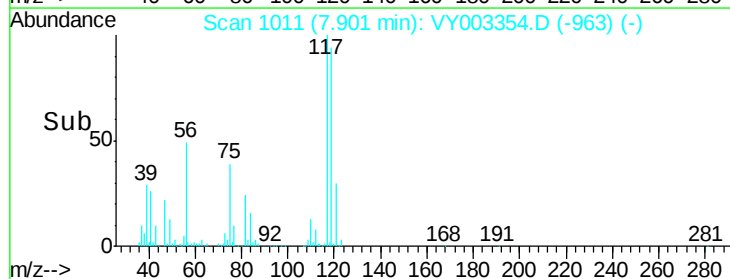
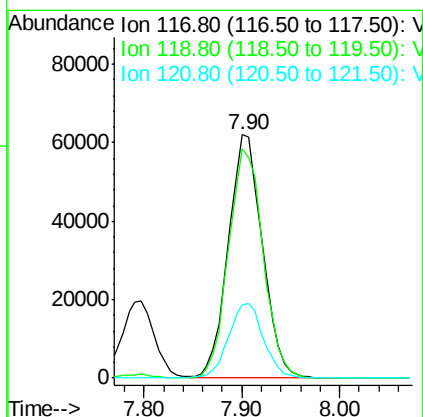
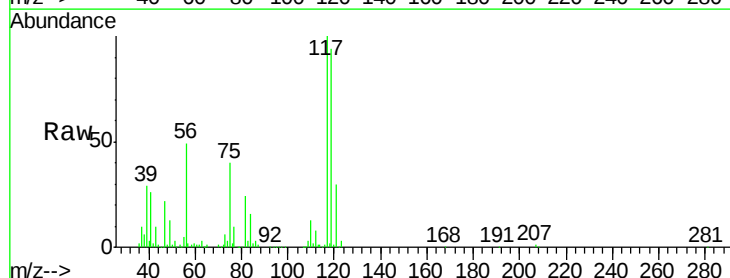
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

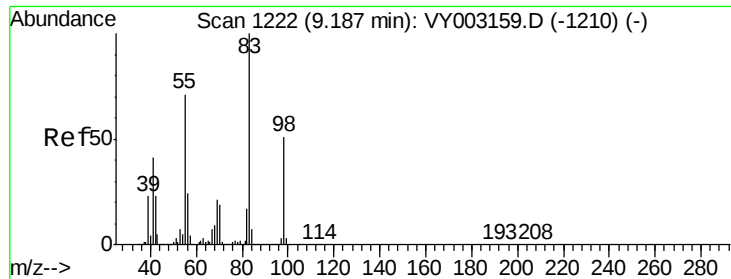
Tot Ion: 43 Resp: 82452
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 10.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 21.648 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 117 Resp: 150506
Ion Ratio Lower Upper
117 100
119 94.1 74.5 111.7
121 30.1 24.2 36.2

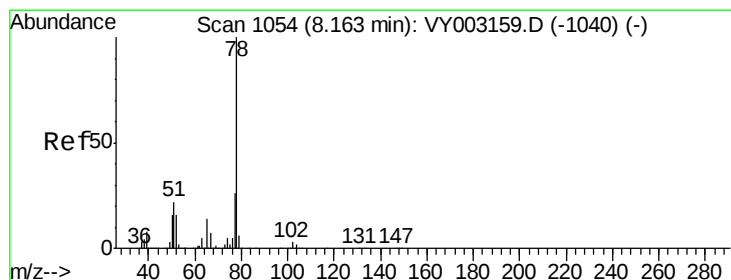
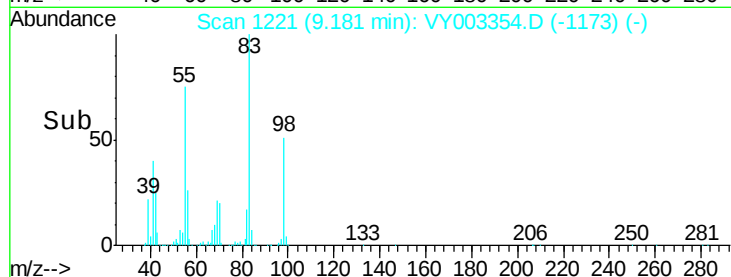
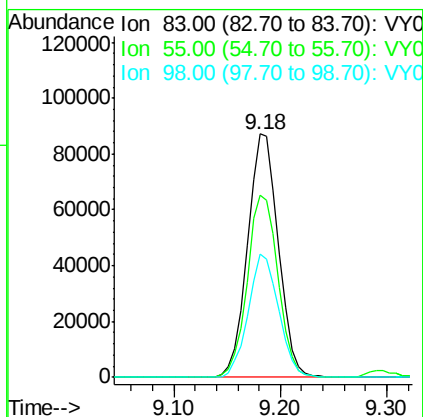
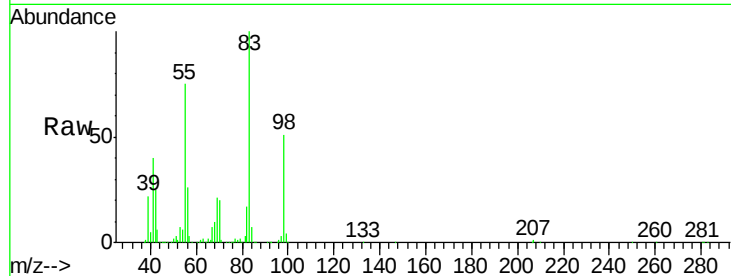




#39
Methvlcvclohexane
Concen: 20.907 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

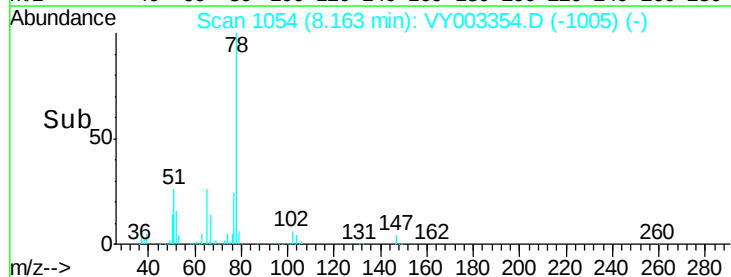
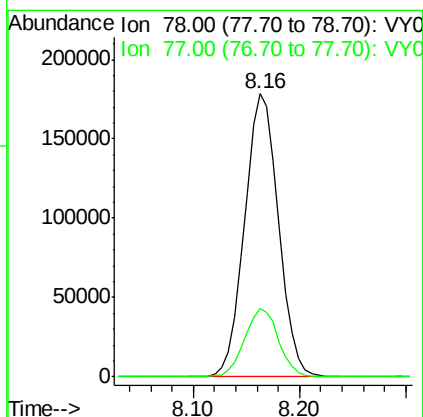
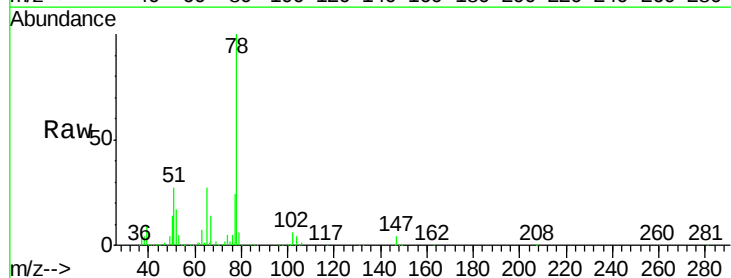
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

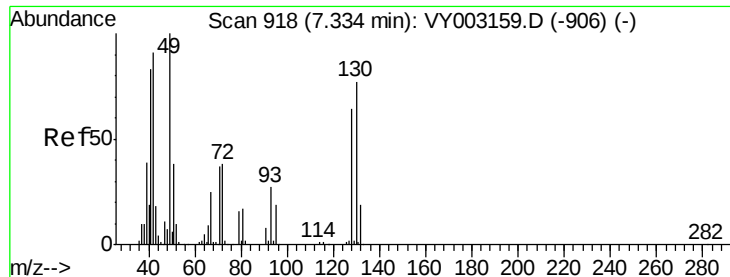
Tot Ion: 83 Resp: 176874
Ion Ratio Lower Upper
83 100
55 74.7 57.2 85.8
98 50.5 41.0 61.6



#40
Benzene
Concen: 21.526 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 78 Resp: 399174
Ion Ratio Lower Upper
78 100
77 24.3 20.7 31.1

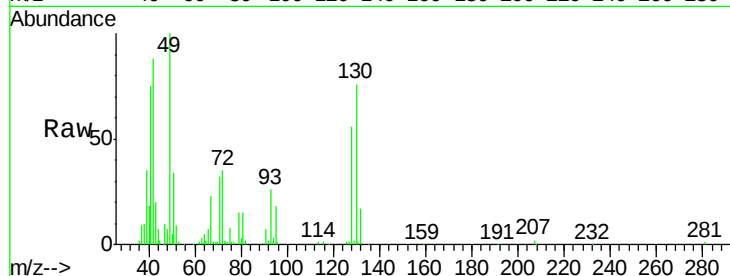




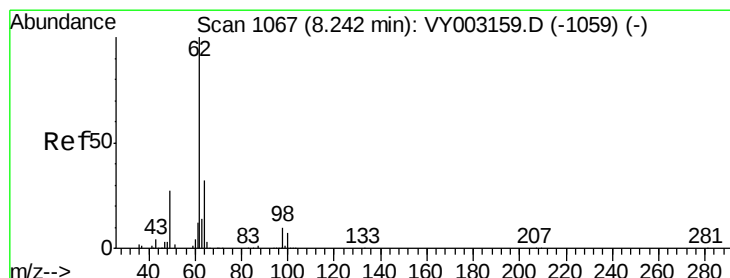
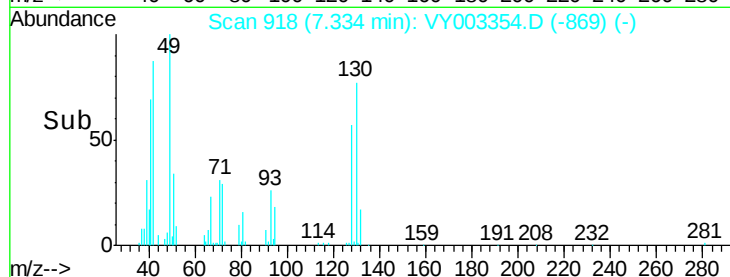
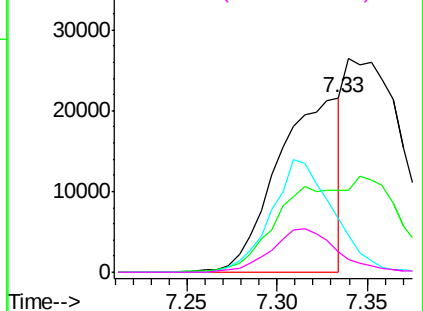
#41
Methacrylonitrile
Concen: 24.043 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion:	41	Resp:	52517
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

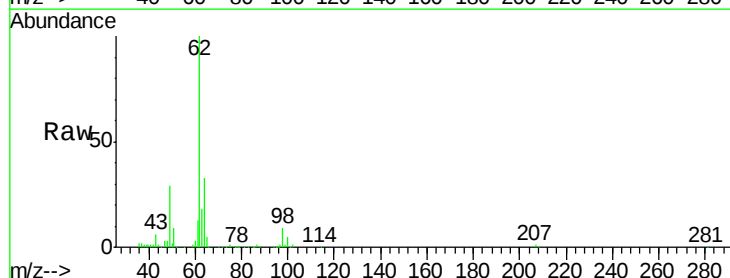


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

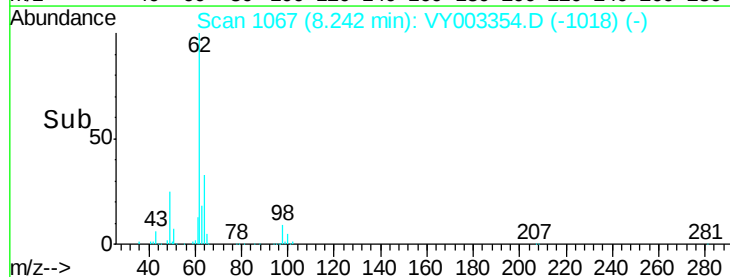
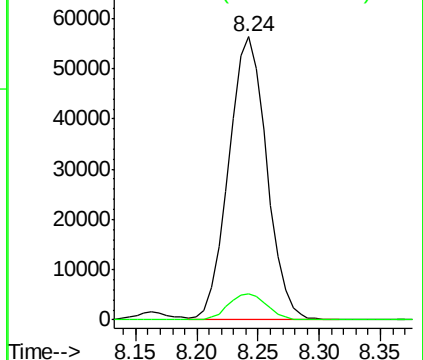


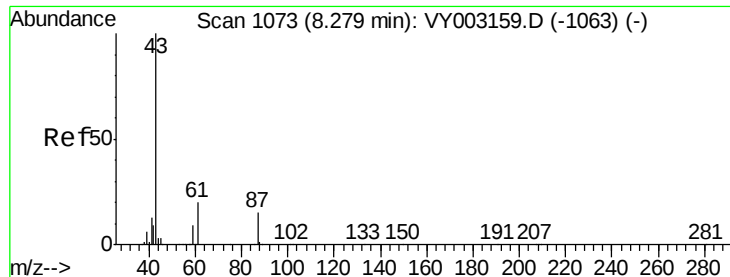
#42
1,2-Dichloroethane
Concen: 21.269 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:	62	Resp:	121421
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



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



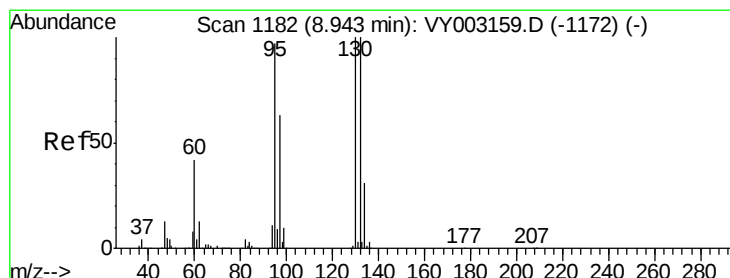
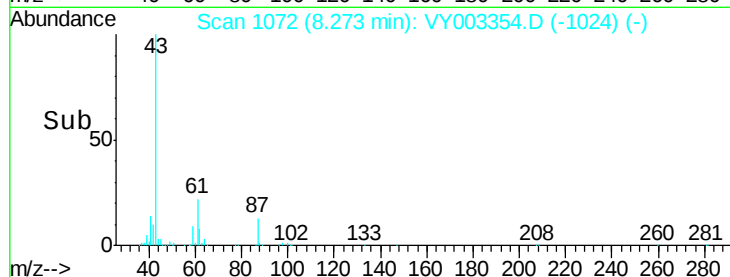
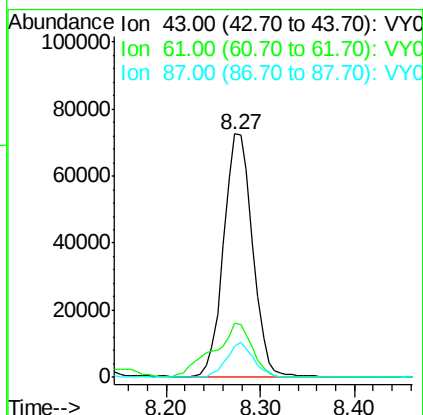
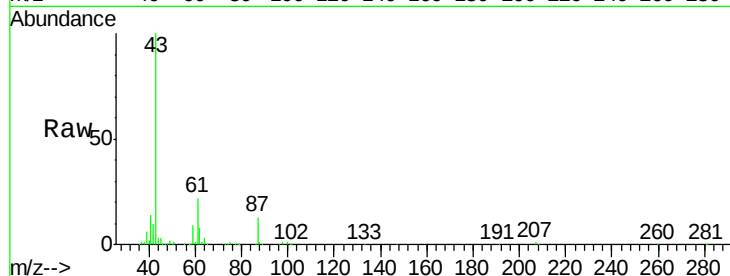


#43

Isopropyl Acetate
 Concen: 22.097 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

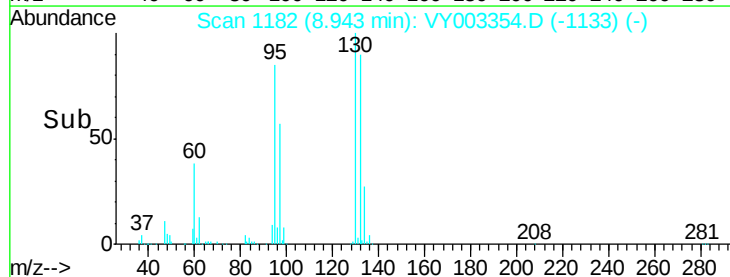
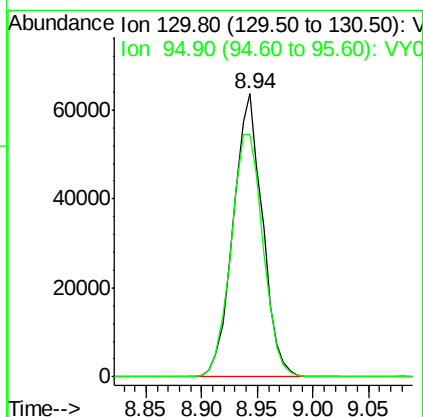
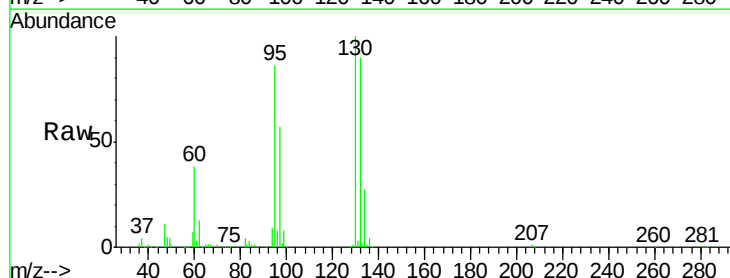
Tot Ion	43	Resp	155122
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.7	35.5
87	13.4	11.4	17.0

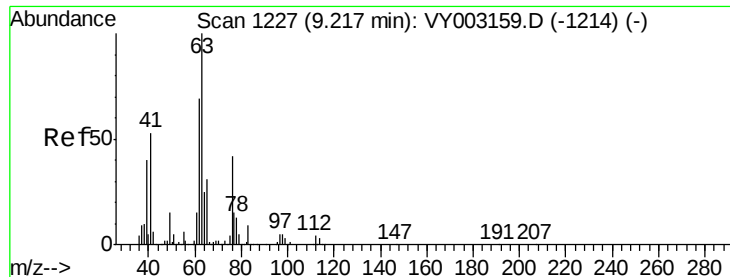


#44

Trichloroethene
 Concen: 20.378 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion	130	Resp	115840
Ion Ratio	Lower	Upper	
130	100		
95	85.6	0.0	193.8

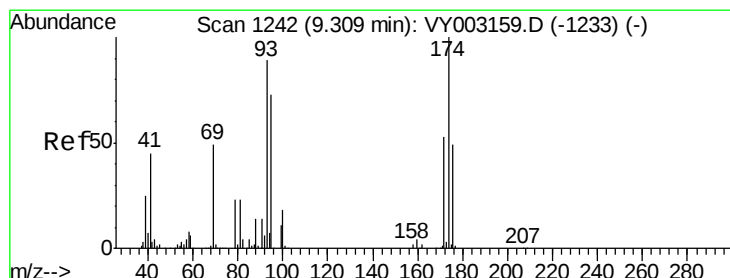
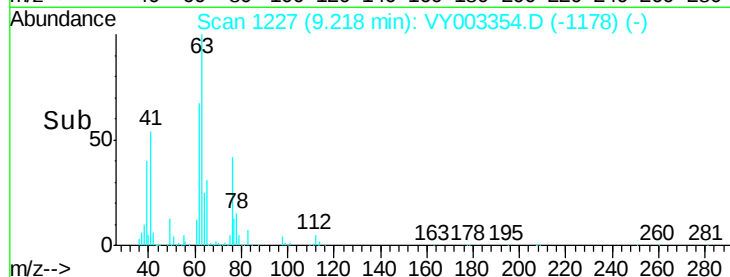
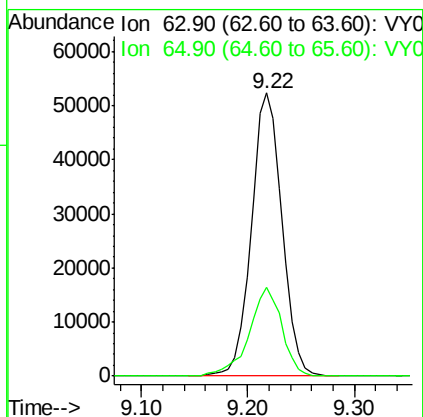
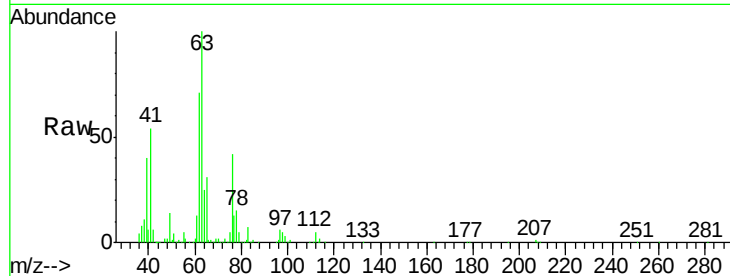




#45
 1,2-Dichloropropane
 Concen: 21.933 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

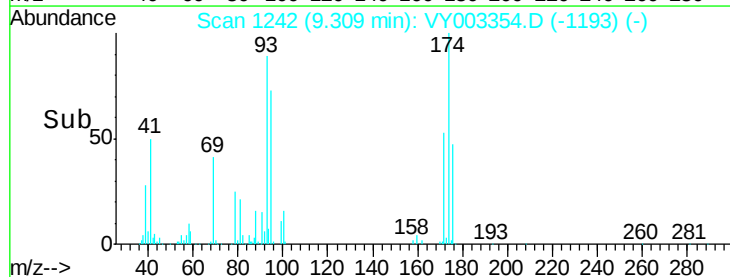
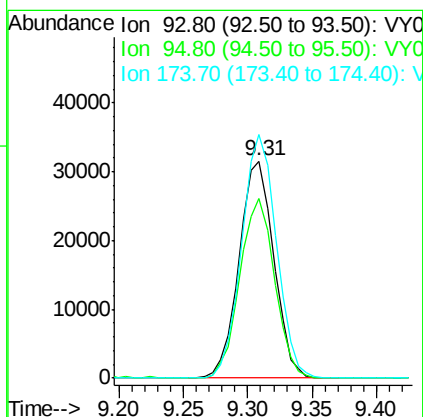
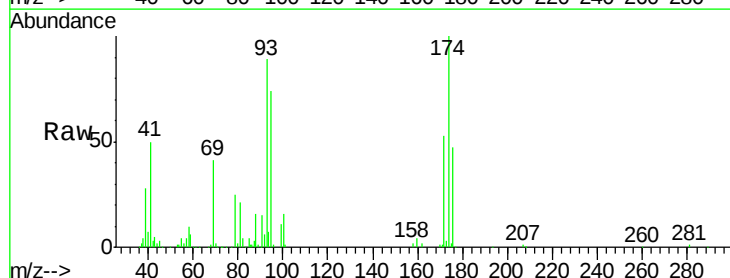
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

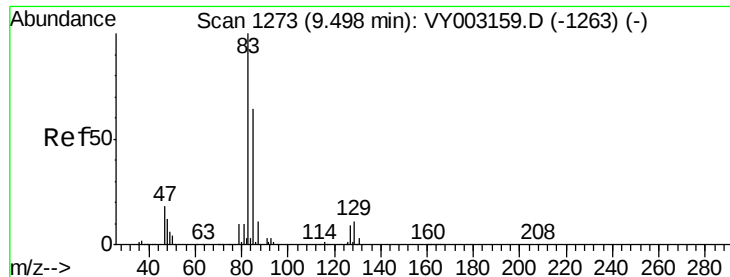
Tot Ion: 63 Resp: 105238
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 21.019 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 93 Resp: 58905
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 112.0 90.2 135.4

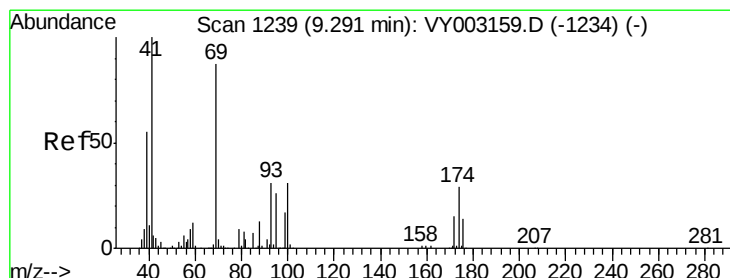
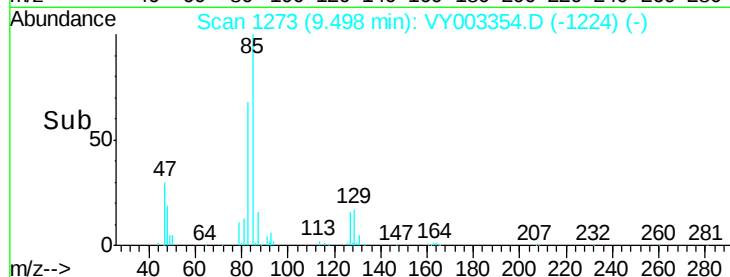
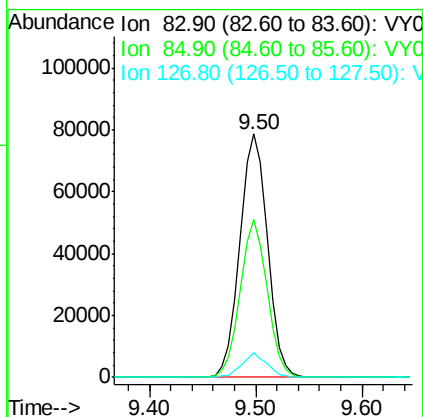
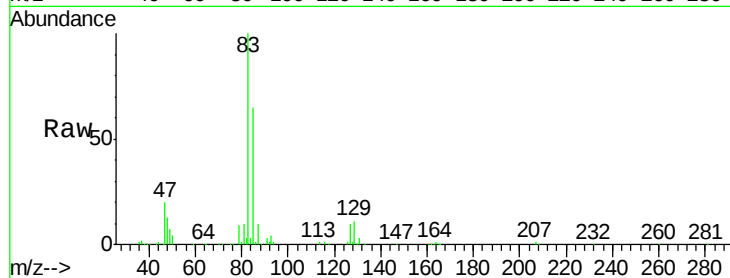




#47
Bromodichloromethane
Concen: 21.593 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

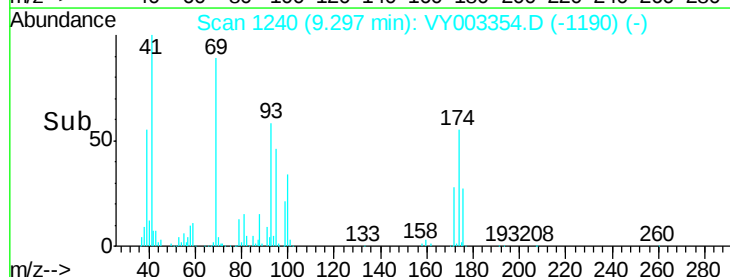
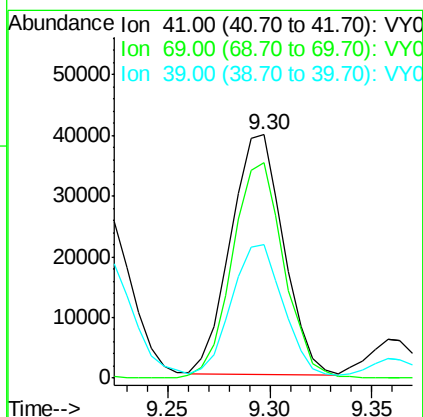
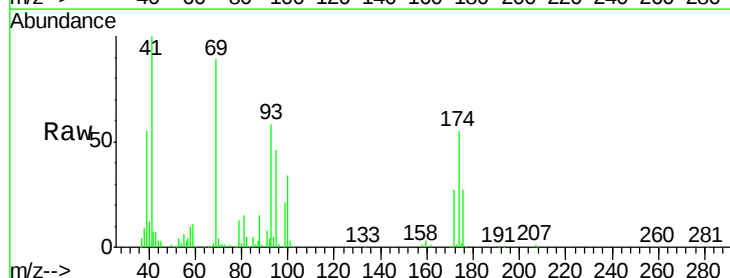
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

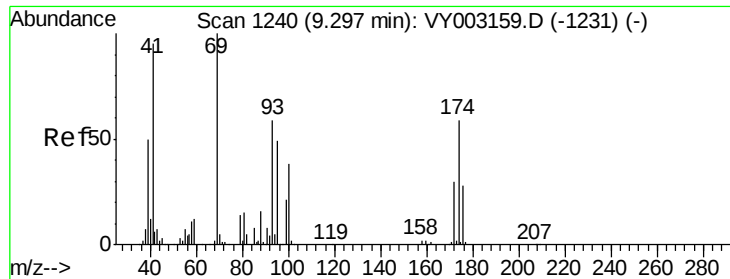
Tot Ion: 83 Resp: 143925
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 10.0 7.0 10.4



#48
Methyl methacrylate
Concen: 22.649 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 41 Resp: 71082
Ion Ratio Lower Upper
41 100
69 88.3 74.5 111.7
39 52.8 47.5 71.3

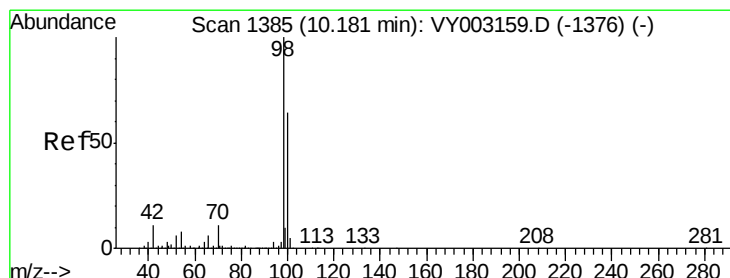
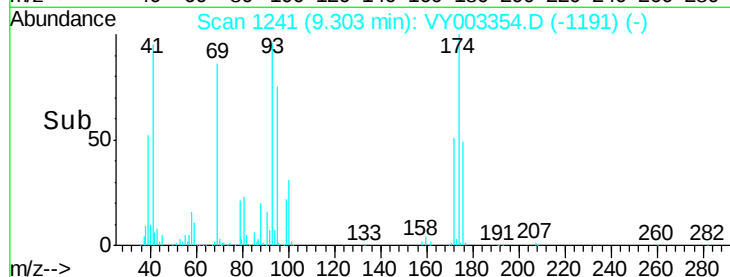
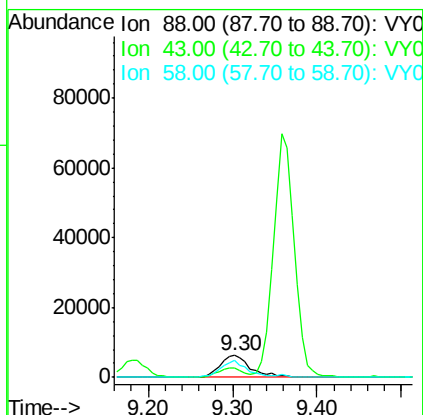
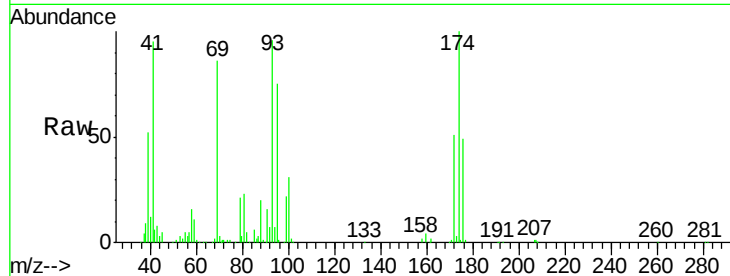




#49
1,4-Dioxane
Concen: 454.844 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

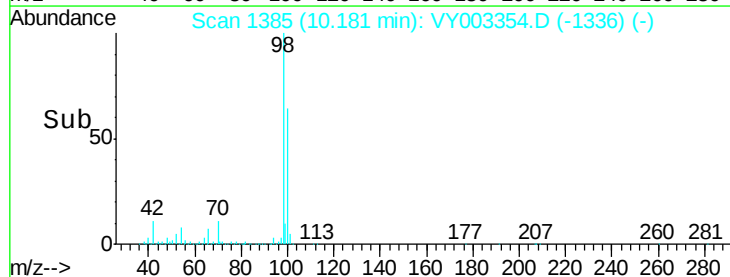
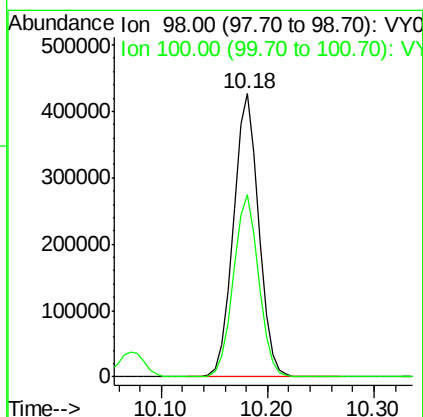
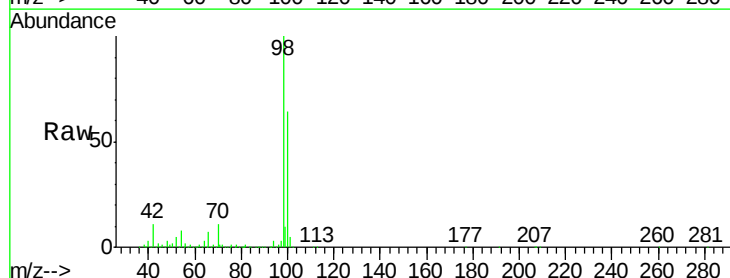
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

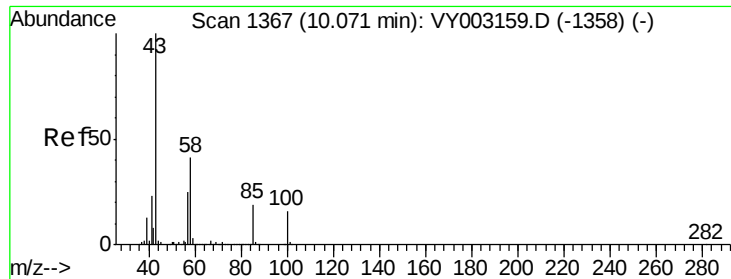
Tot Ion: 88 Resp: 16178
Ion Ratio Lower Upper
88 100
43 31.7 25.6 38.4
58 67.3 47.8 71.6



#50
Toluene-d8
Concen: 44.671 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 98 Resp: 710190
Ion Ratio Lower Upper
98 100
100 64.6 50.7 76.1

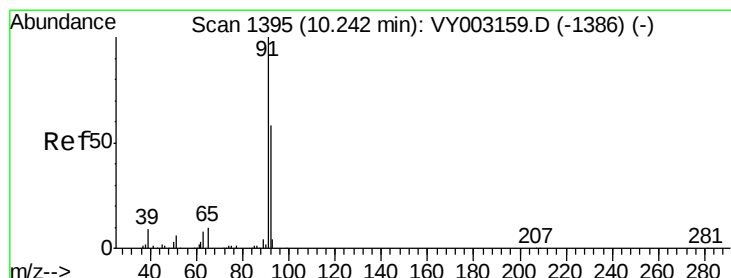
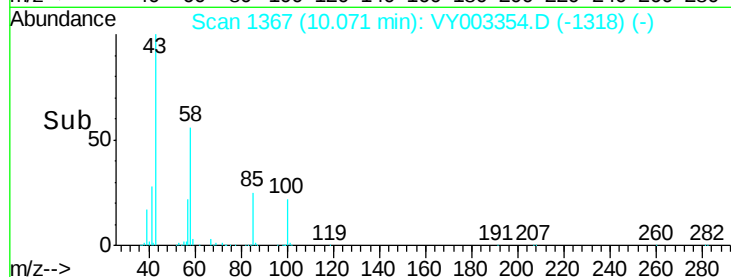
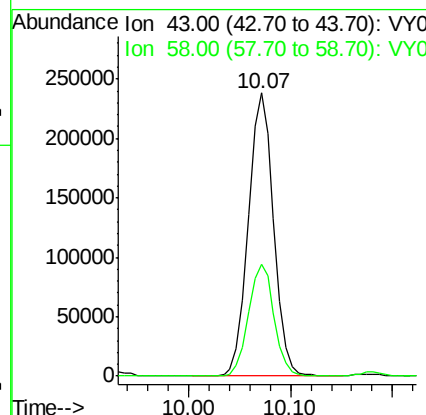
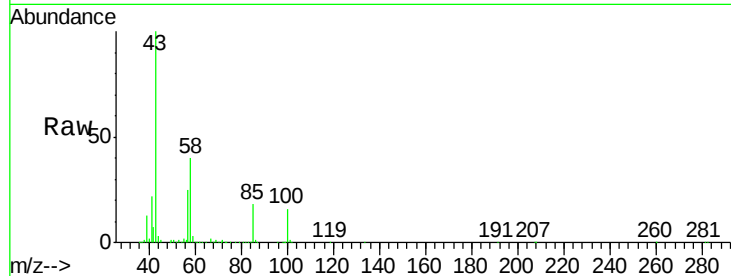




#51
4-Methyl-2-Pentanone
Concen: 112.304 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

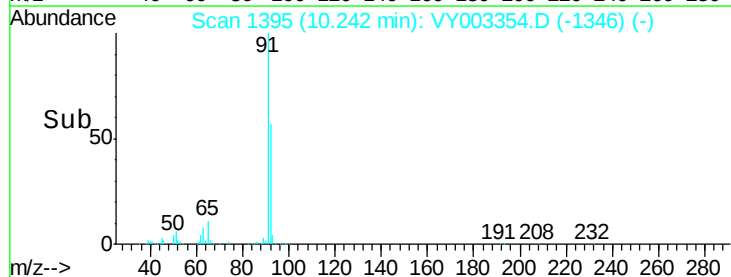
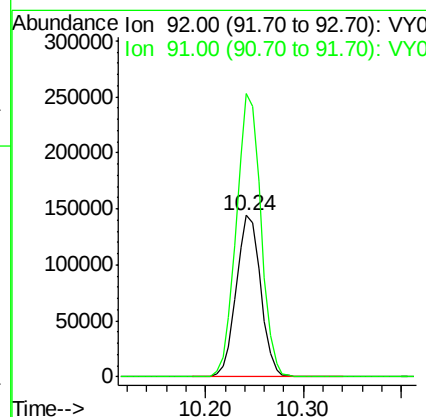
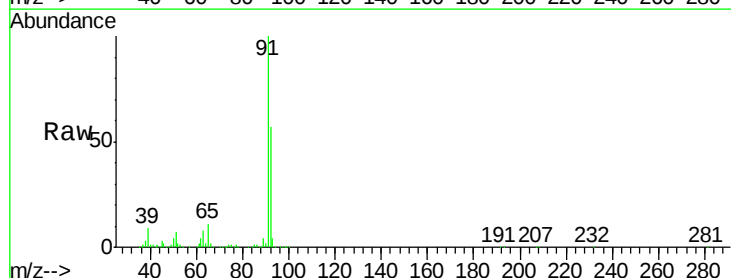
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

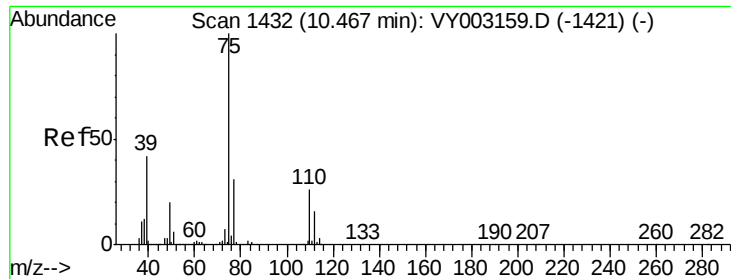
Tot Ion: 43 Resp: 409784
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1



#52
Toluene
Concen: 21.141 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 92 Resp: 250576
Ion Ratio Lower Upper
92 100
91 176.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.067 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

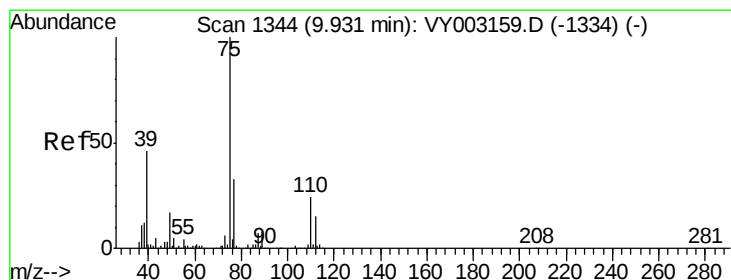
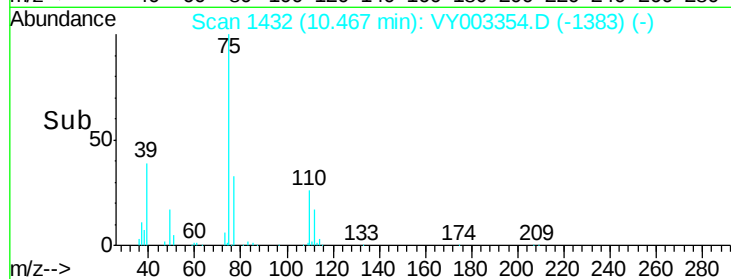
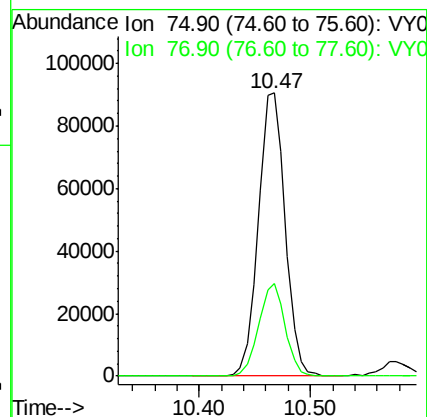
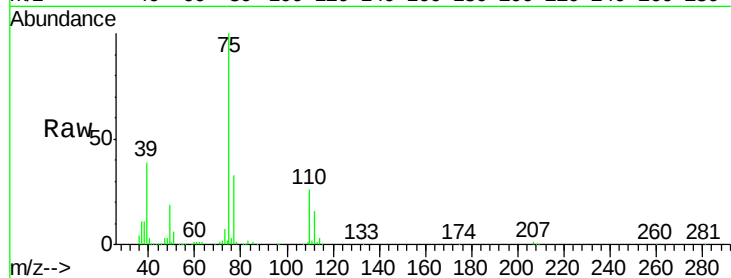
VY0727SBS01

Tot Ion: 75 Resp: 152392

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.530 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

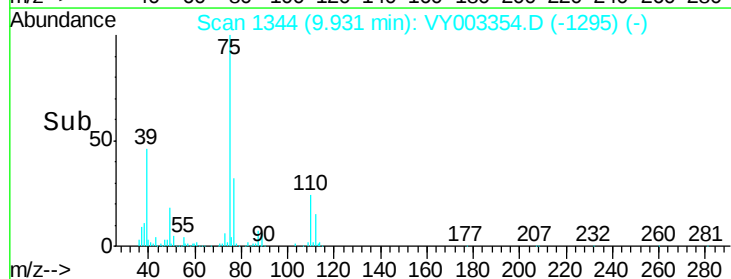
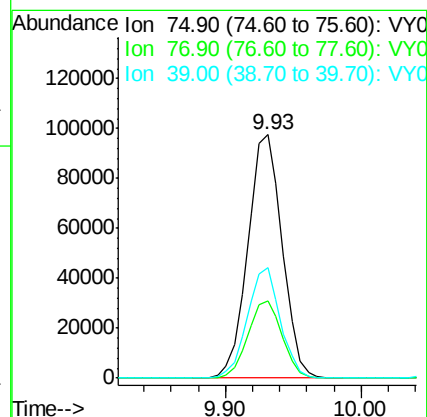
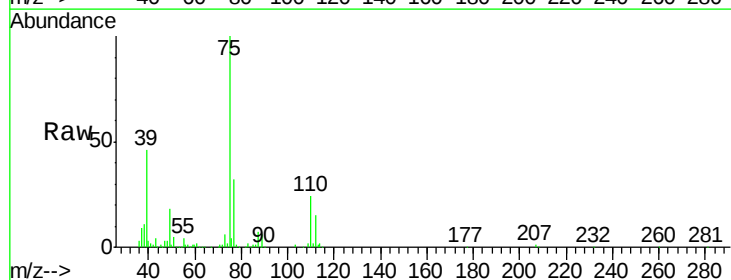
Tgt Ion: 75 Resp: 171312

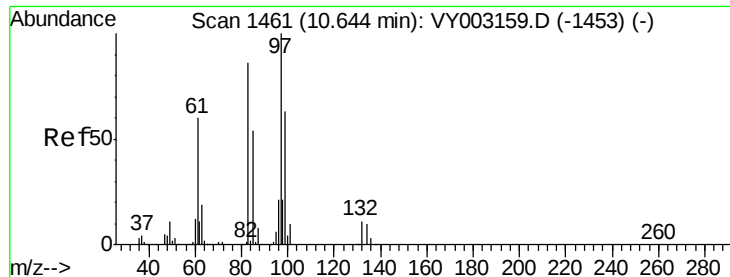
Ion Ratio Lower Upper

75 100

77 31.6 26.7 40.1

39 45.5 37.0 55.6

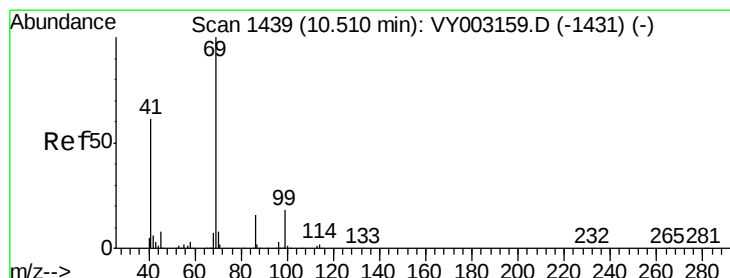
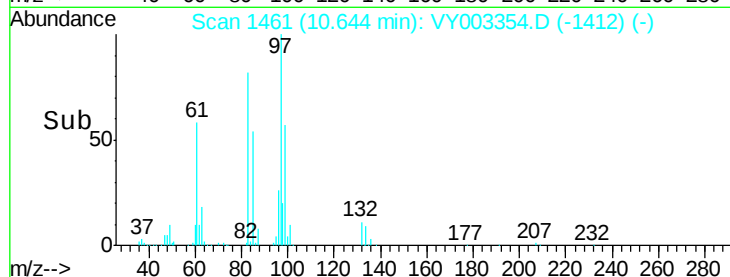
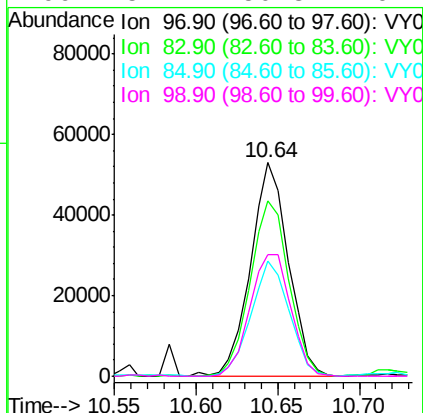
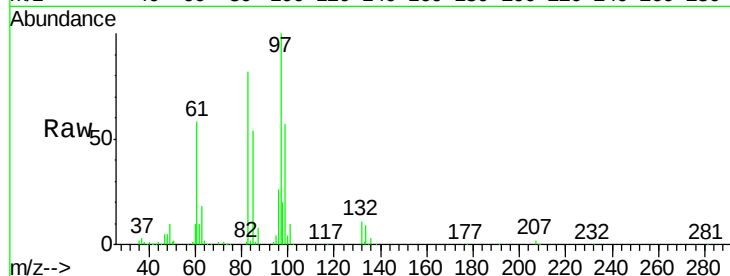




#55
 1,1,2-Trichloroethane
 Concen: 21.687 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

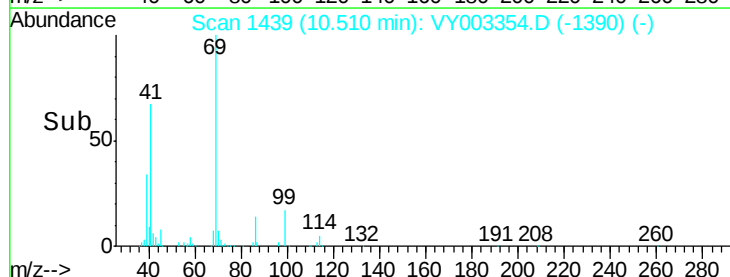
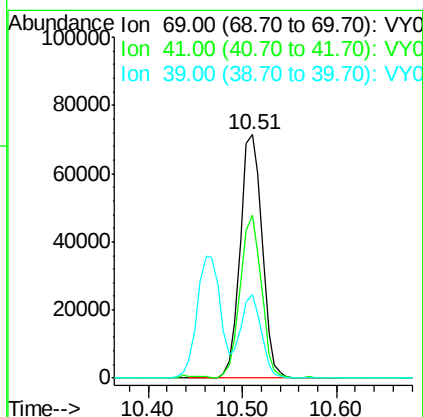
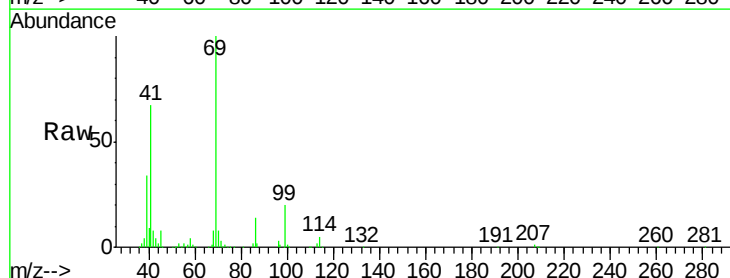
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

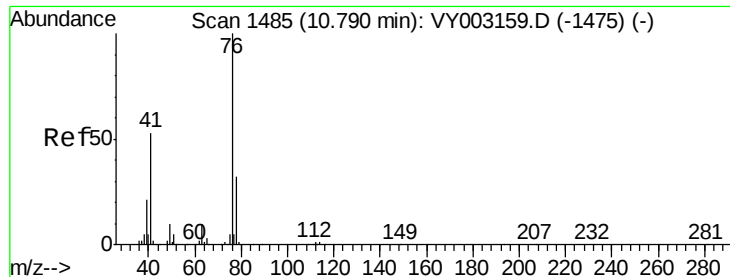
Tot Ion: 97 Resp: 86123
 Ion Ratio Lower Upper
 97 100
 83 81.9 68.8 103.2
 85 53.7 43.1 64.7
 99 57.2 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.573 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 69 Resp: 116476
 Ion Ratio Lower Upper
 69 100
 41 63.9 50.0 75.0
 39 32.7 27.6 41.4





#57

1,3-Dichloropropane

Concen: 21.511 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

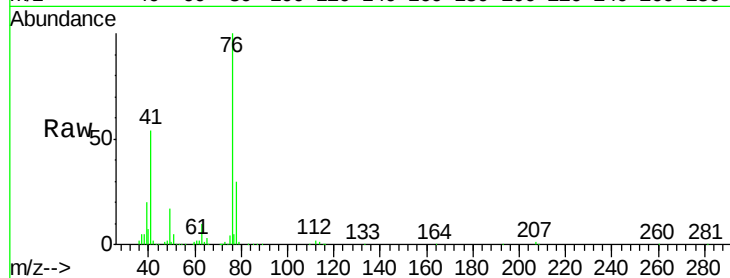
VY0727SBS01

Tot Ion: 76 Resp: 144842

Ion Ratio Lower Upper

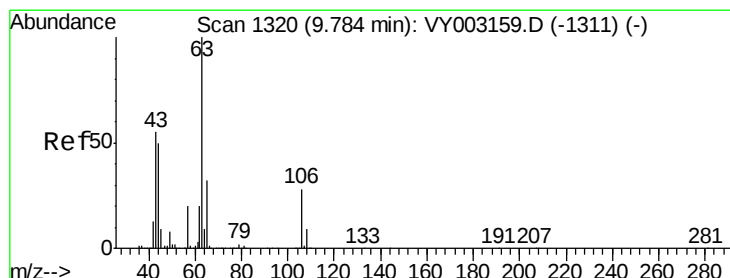
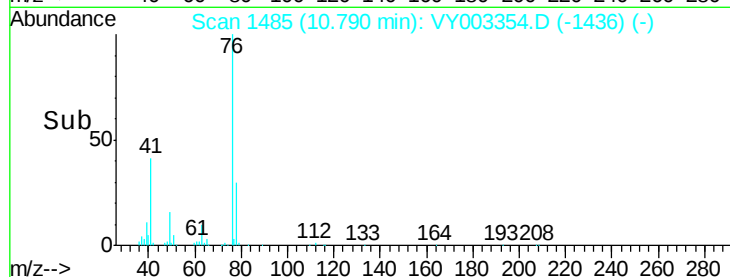
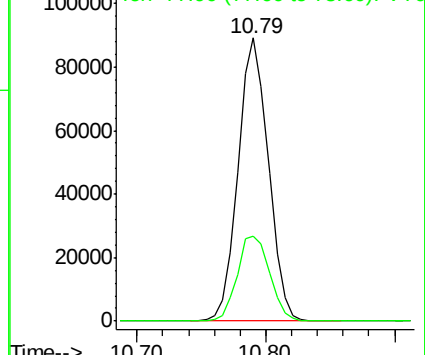
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 113.712 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003354.D

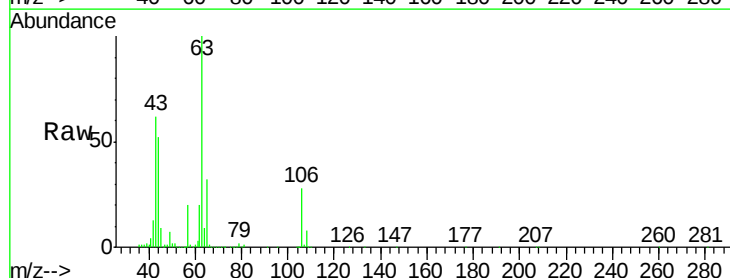
Acq: 27 Jul 2020 14:11

Tgt Ion: 63 Resp: 313106

Ion Ratio Lower Upper

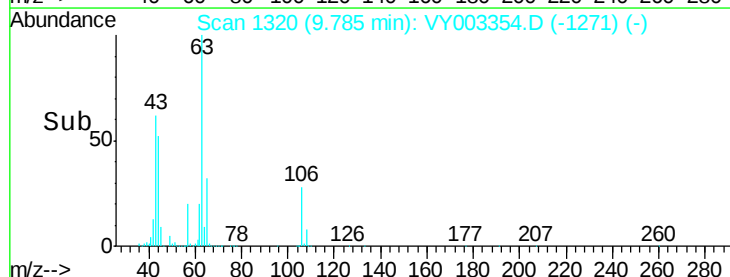
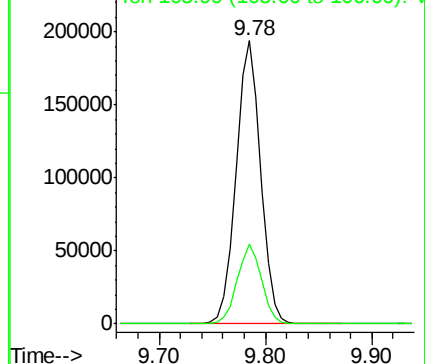
63 100

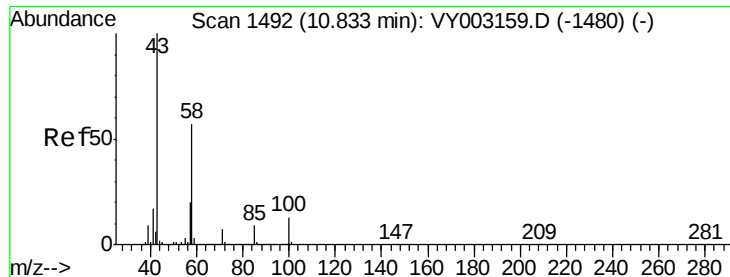
106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

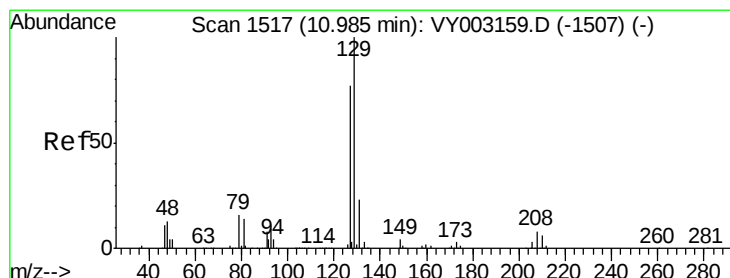
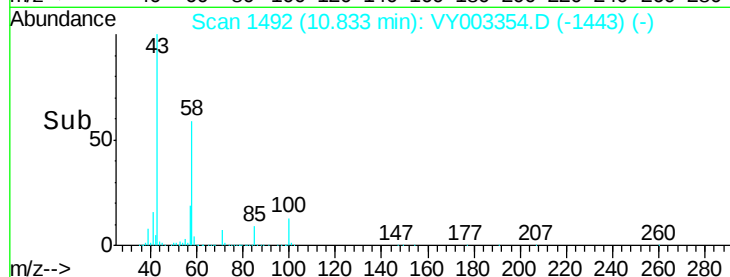
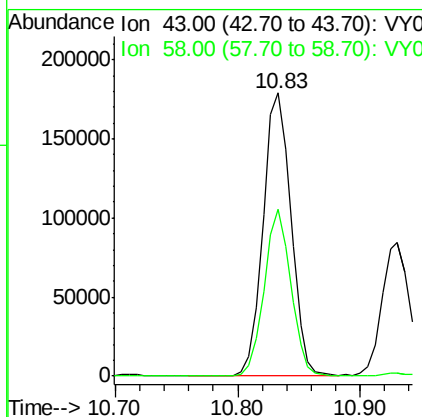
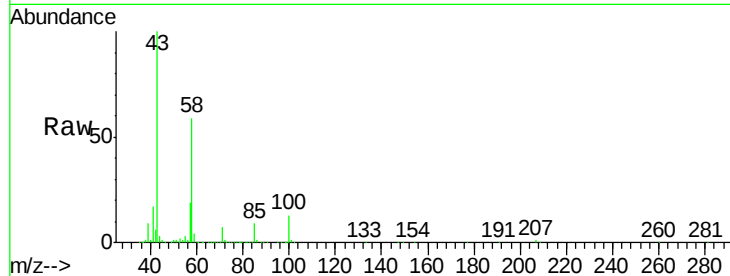




#59
2-Hexanone
Concen: 111.933 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

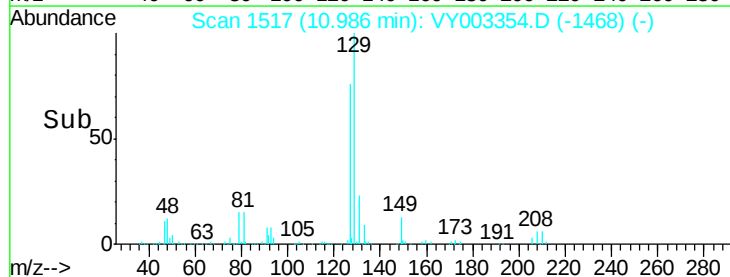
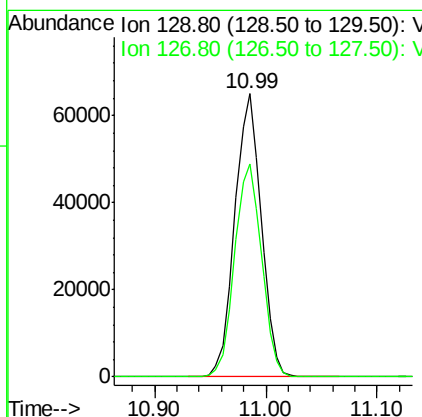
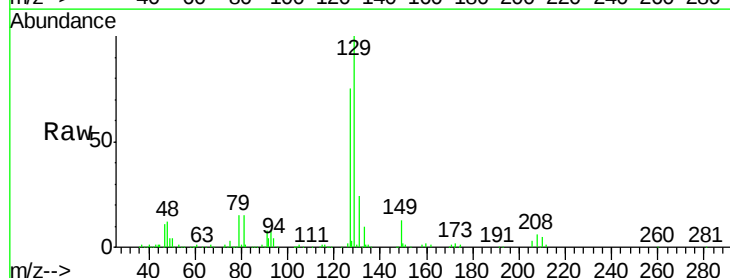
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

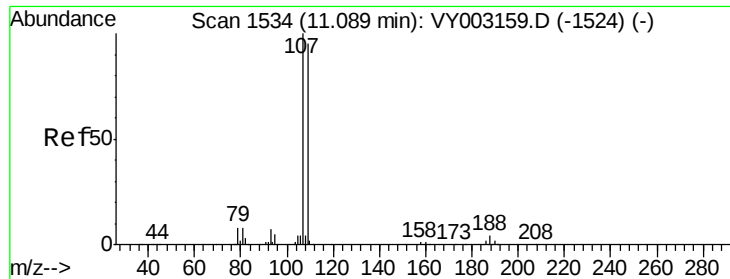
Tot Ion: 43 Resp: 285114
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0



#60
Dibromochloromethane
Concen: 21.519 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 129 Resp: 107482
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

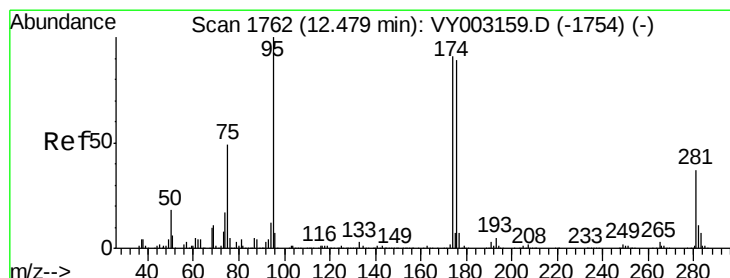
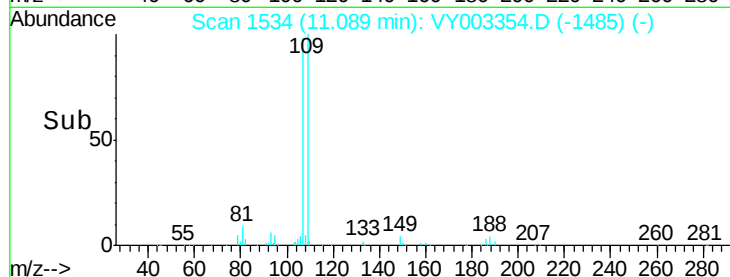
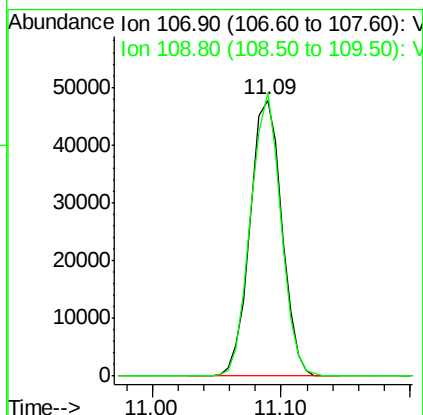
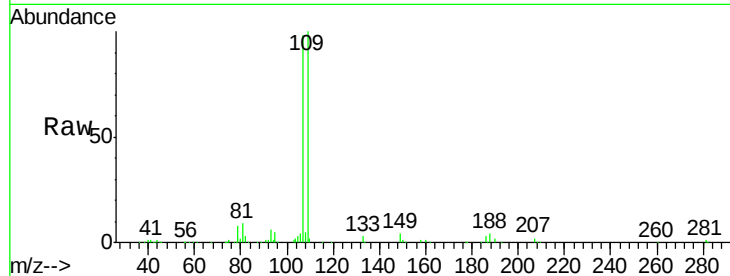




#61
 1,2-Dibromoethane
 Concen: 20.743 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

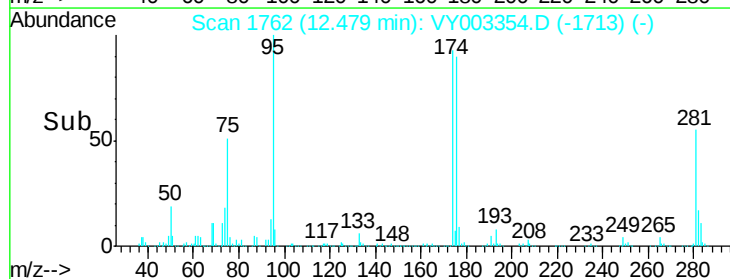
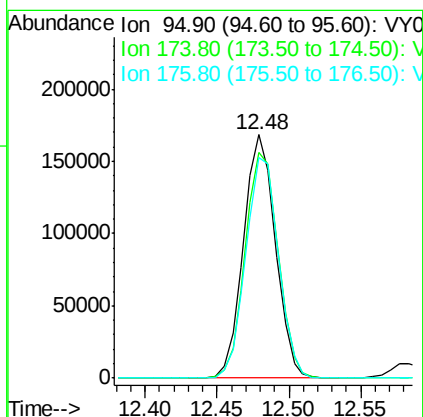
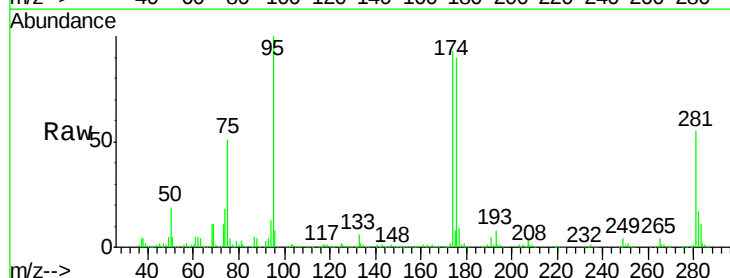
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

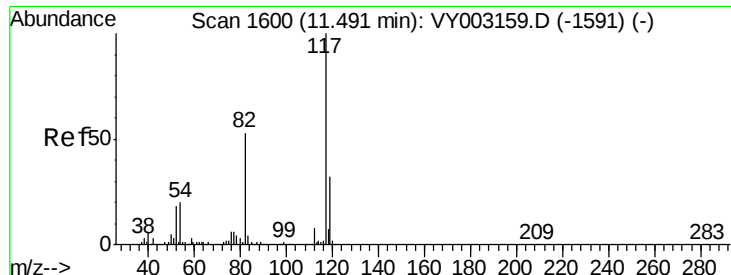
Tot Ion:107 Resp: 81300
 Ion Ratio Lower Upper
 107 100
 109 97.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.016 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 95 Resp: 258545
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 190.6
 176 92.3 0.0 186.4

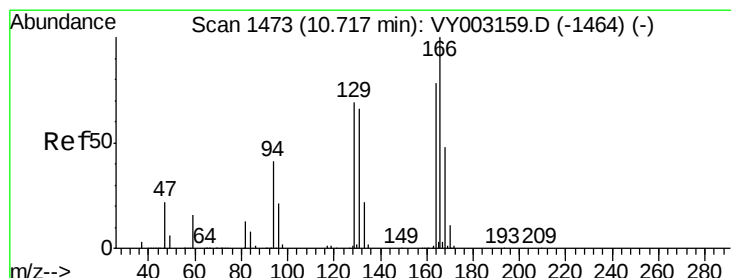
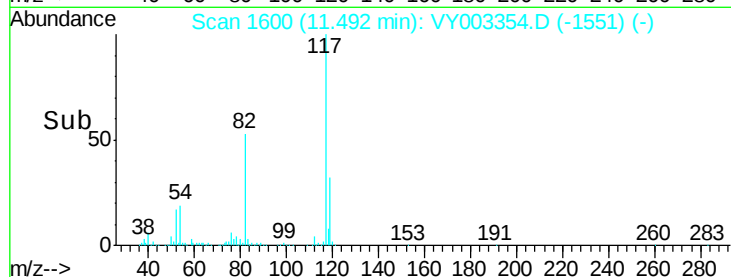
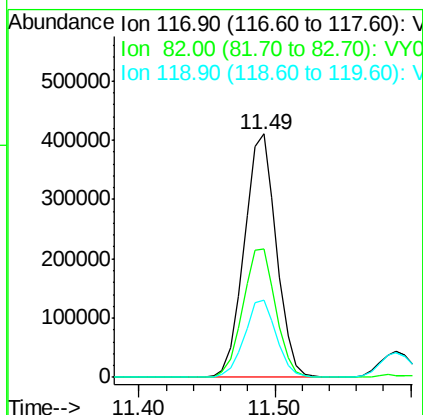
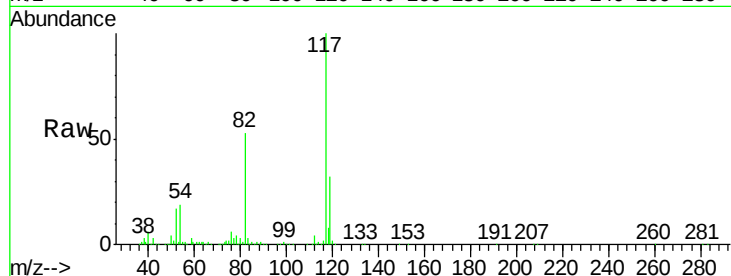




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

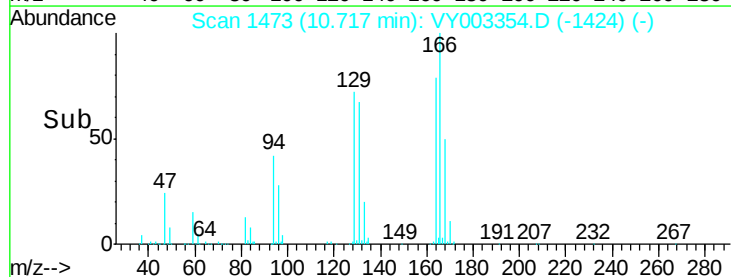
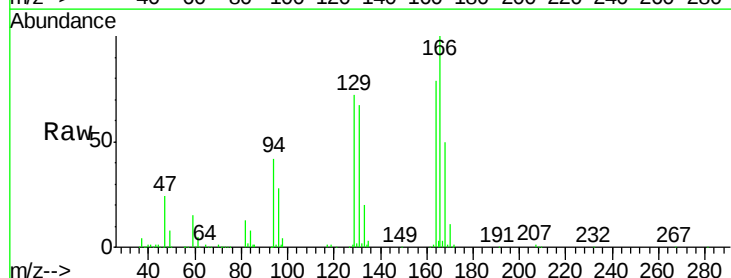
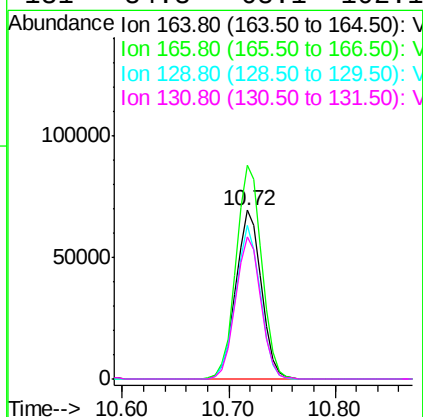
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

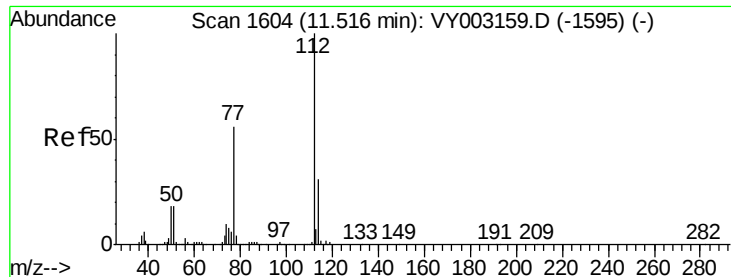
Tot Ion:117 Resp: 675344
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.327 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:164 Resp: 116380
Ion Ratio Lower Upper
164 100
166 126.6 102.9 154.3
129 91.4 71.4 107.2
131 84.3 68.1 102.1

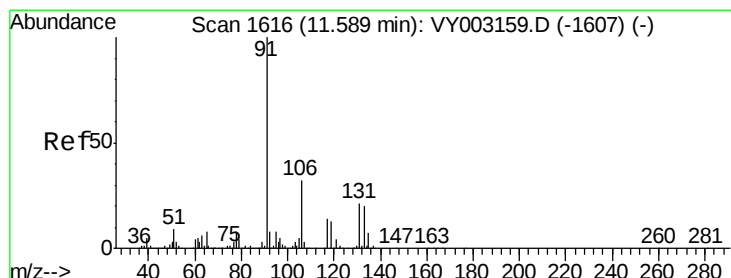
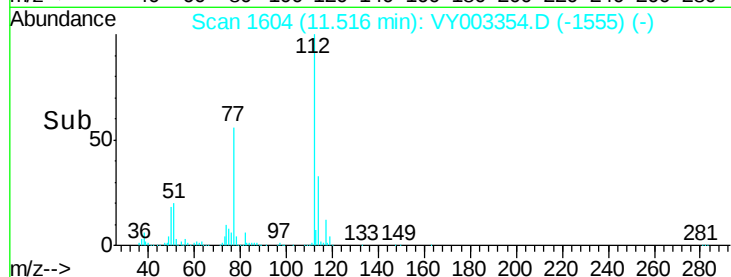
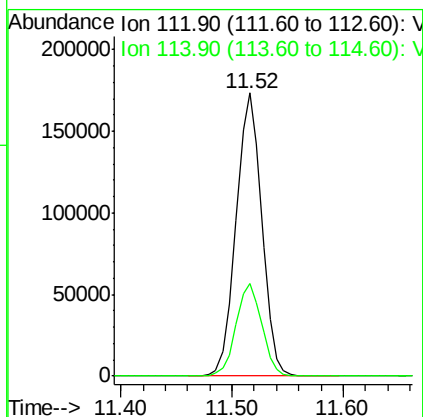
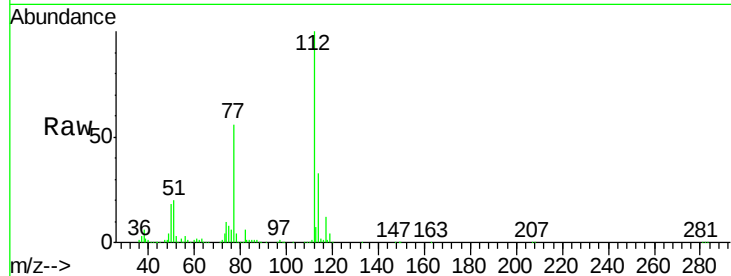




#65
Chlorobenzene
Concen: 21.222 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

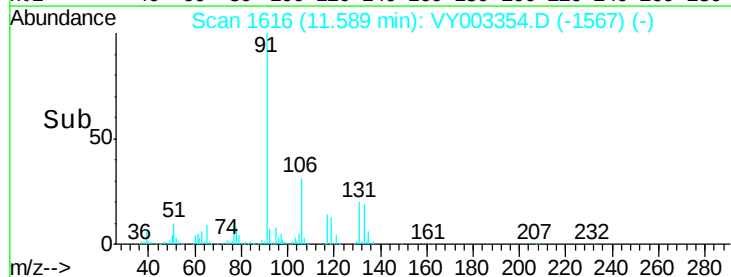
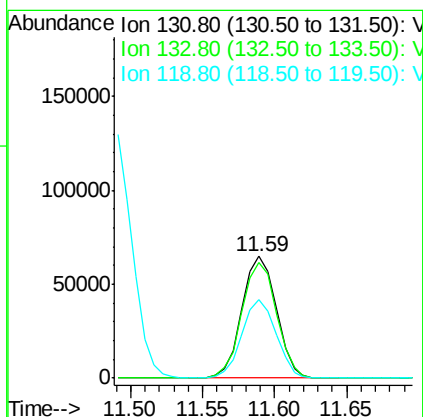
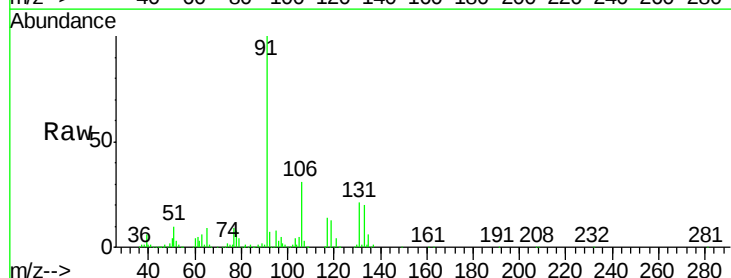
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

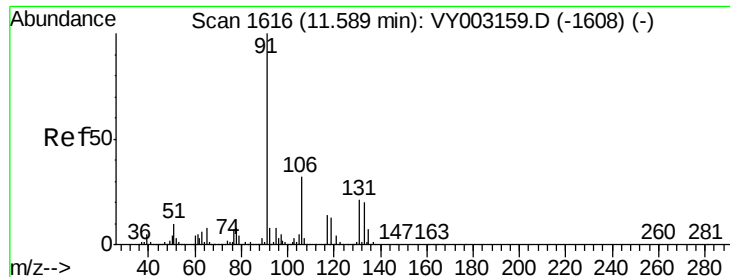
Tot Ion:112 Resp: 276098
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.292 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:131 Resp: 107589
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.3 32.4 97.0





#67

Ethyl Benzene

Concen: 21.581 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

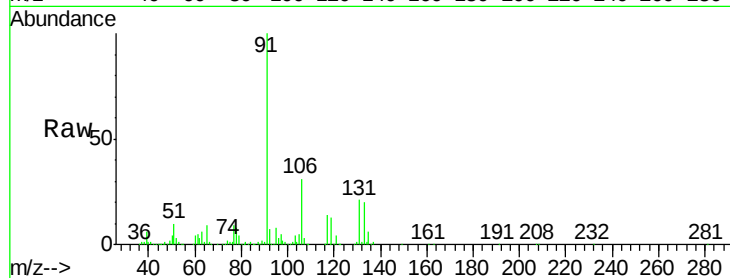
VY0727SBS01

Tot Ion: 91 Resp: 501306

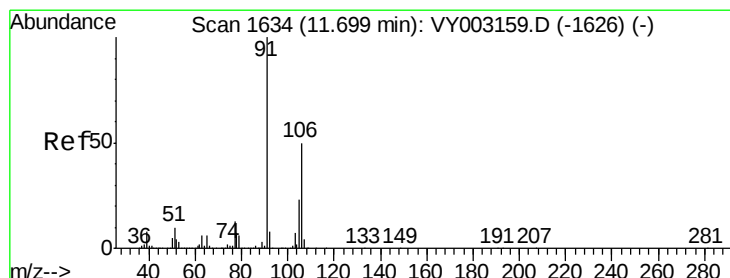
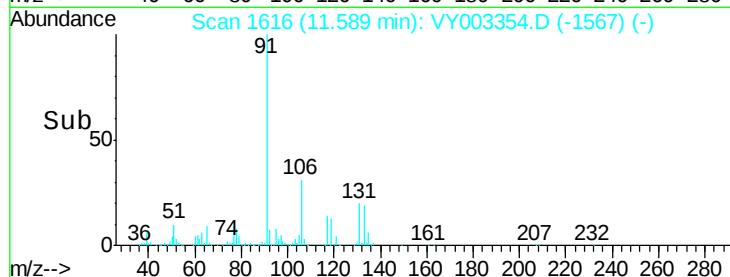
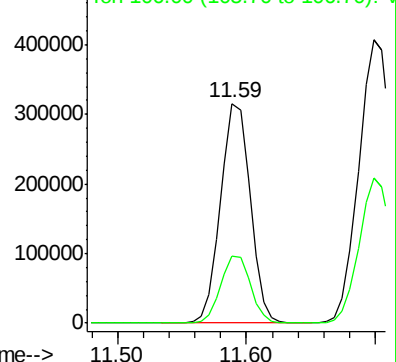
Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1608) (-)



#68

m/p-Xylenes

Concen: 42.616 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003354.D

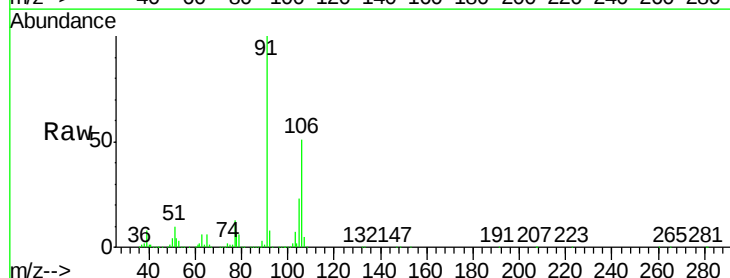
Acq: 27 Jul 2020 14:11

Tgt Ion: 106 Resp: 375620

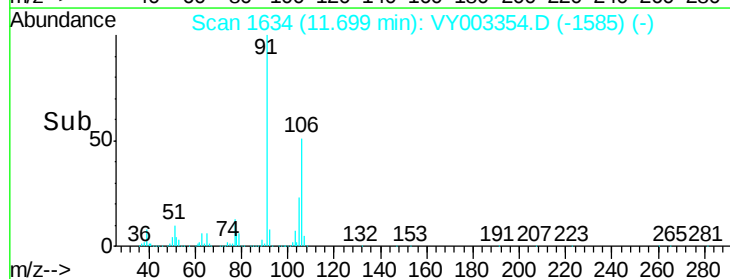
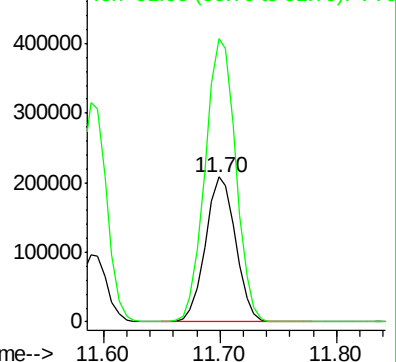
Ion Ratio Lower Upper

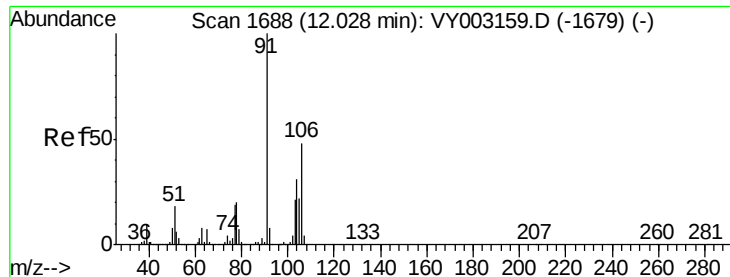
106 100

91 198.9 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): VY003159.D (-1626) (-)

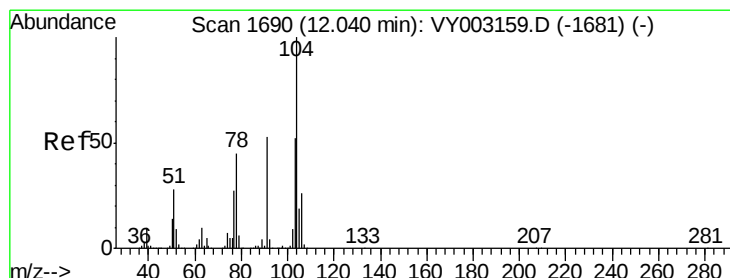
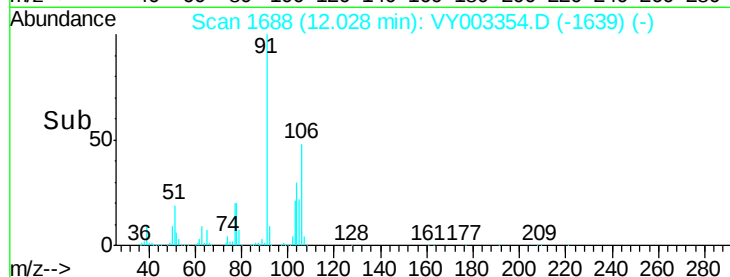
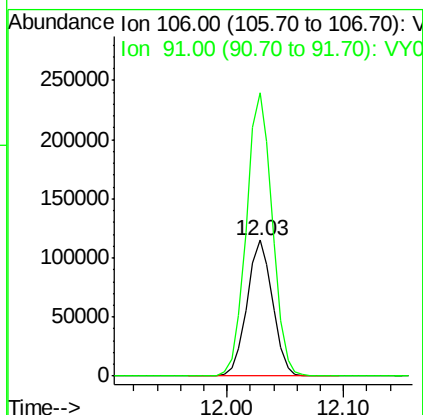
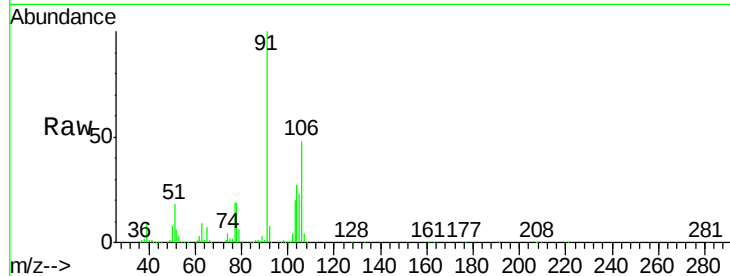




#69
o-Xylene
Concen: 21.413 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

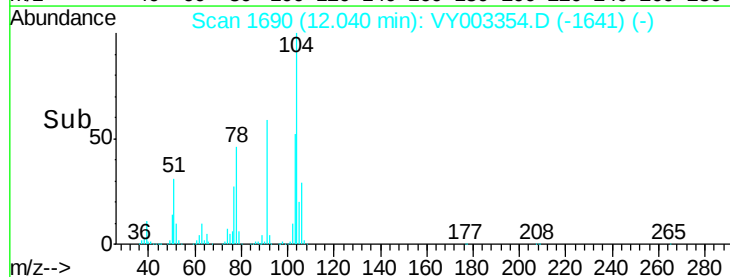
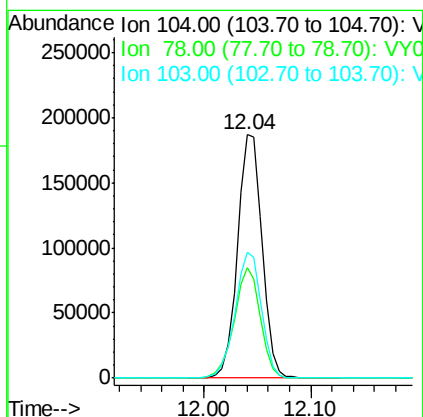
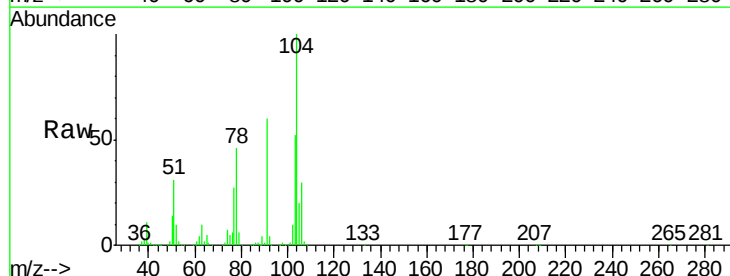
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

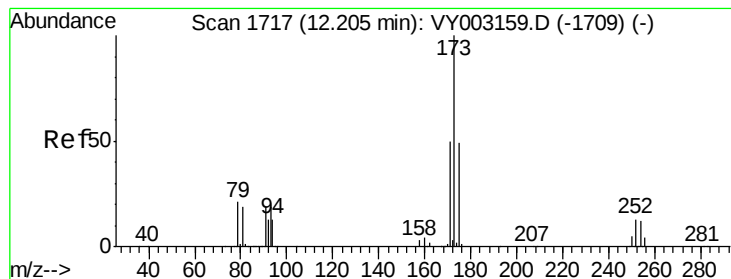
Tot Ion:106 Resp: 176320
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1



#70
Styrene
Concen: 21.539 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:104 Resp: 303401
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.5 43.9 65.9





#71

Bromoform

Concen: 21.691 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

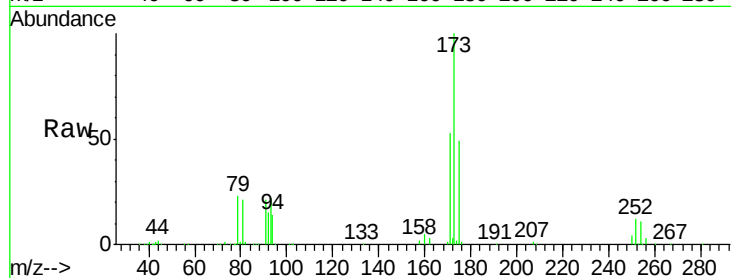
Tot Ion:173 Resp: 71937

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

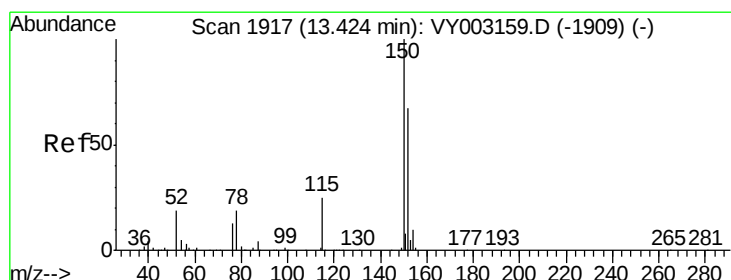
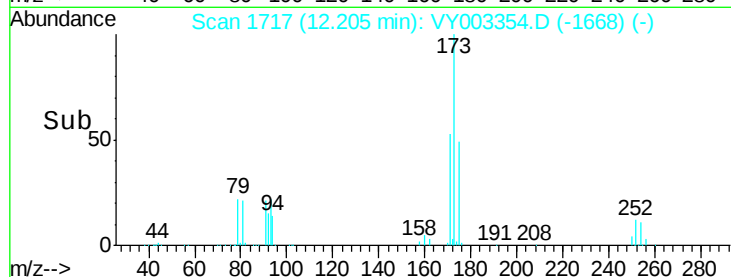
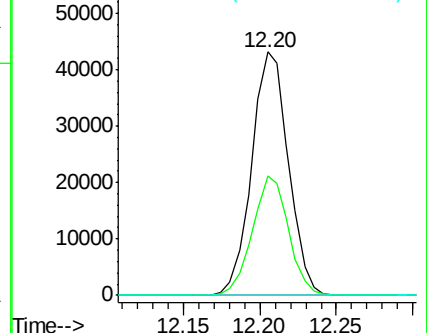
254 0.1 0.2 0.2#



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: VY003354.D

Acq: 27 Jul 2020 14:11

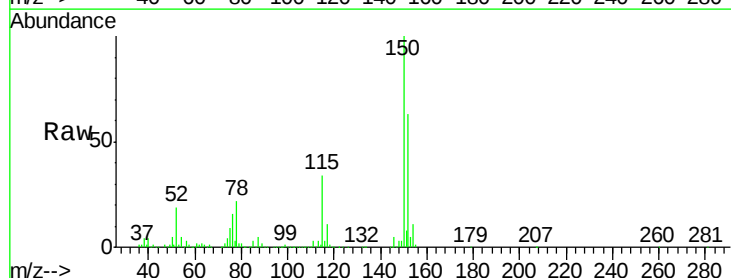
Tgt Ion:152 Resp: 363679

Ion Ratio Lower Upper

152 100

115 53.5 26.9 80.7

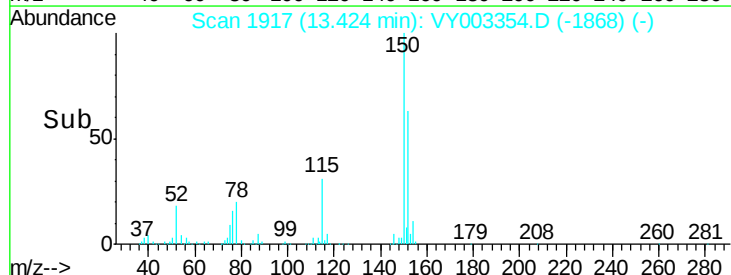
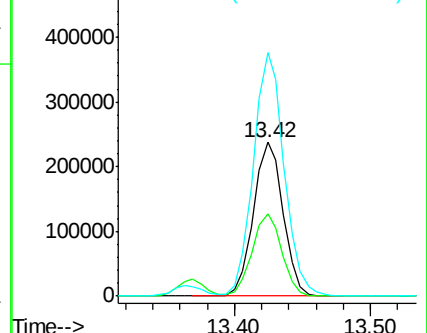
150 164.1 0.0 338.0

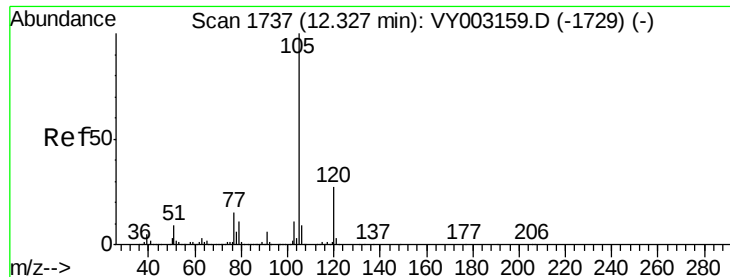


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.160 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

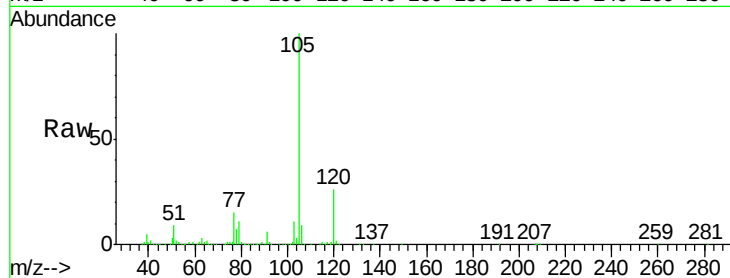
VY0727SBS01

Tot Ion:105 Resp: 490402

Ion Ratio Lower Upper

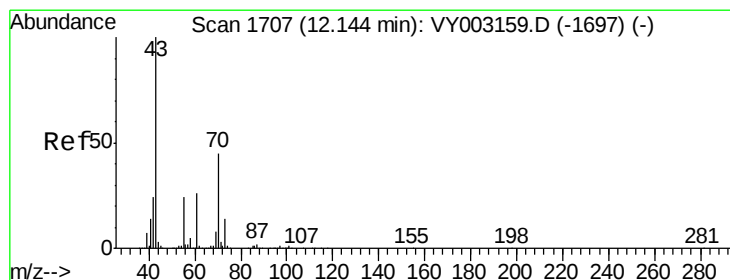
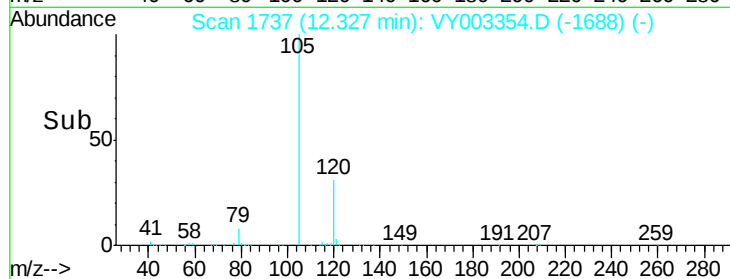
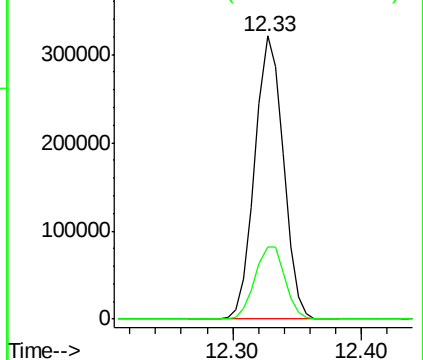
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.758 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Tgt Ion: 43 Resp: 141489

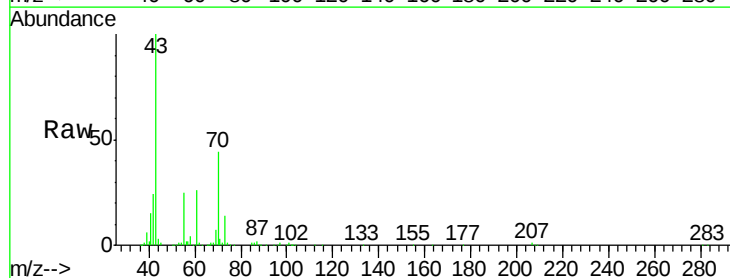
Ion Ratio Lower Upper

43 100

70 42.7 35.6 53.4

55 25.2 19.4 29.2

61 25.0 20.8 31.2

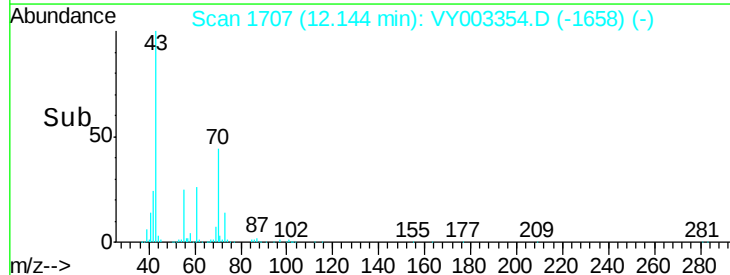
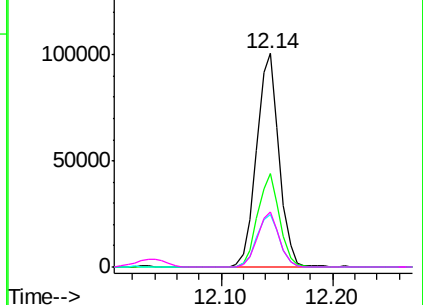


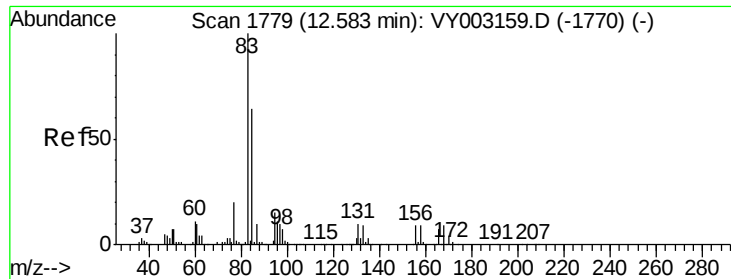
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

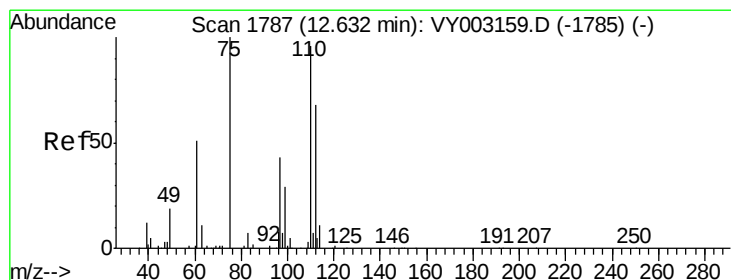
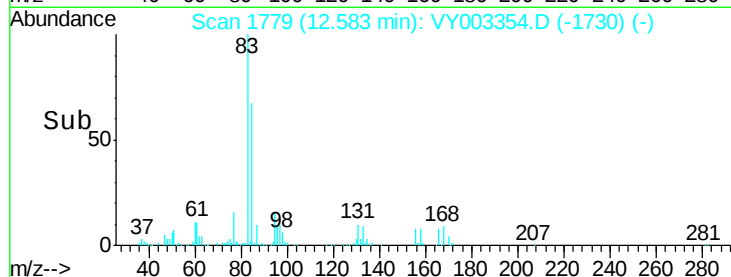
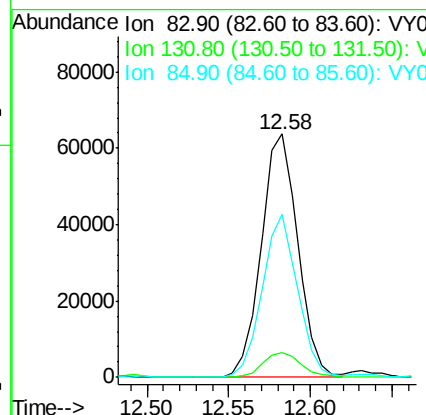
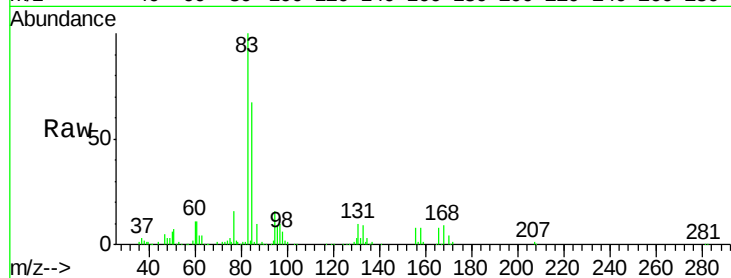




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.234 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

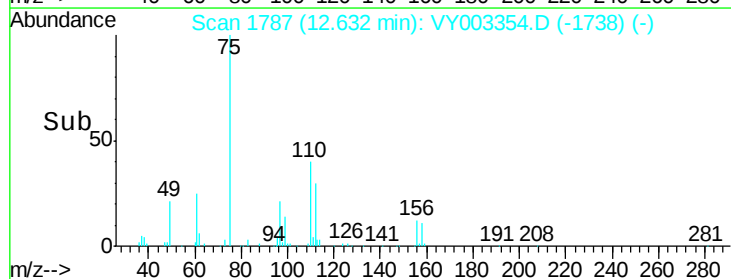
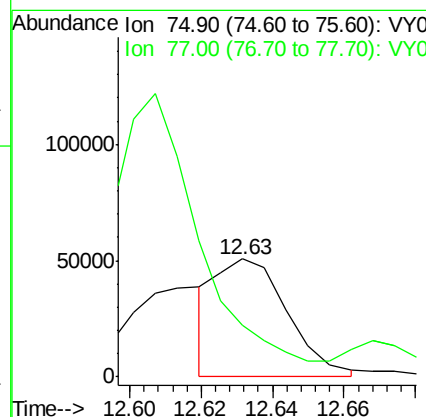
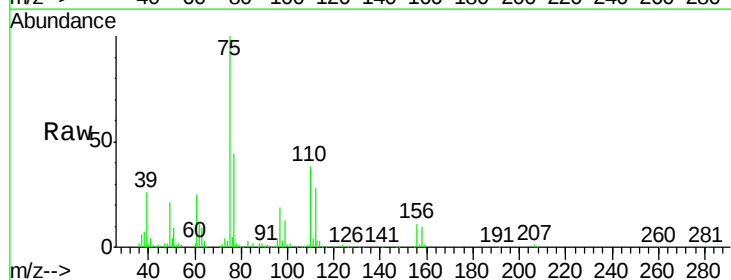
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

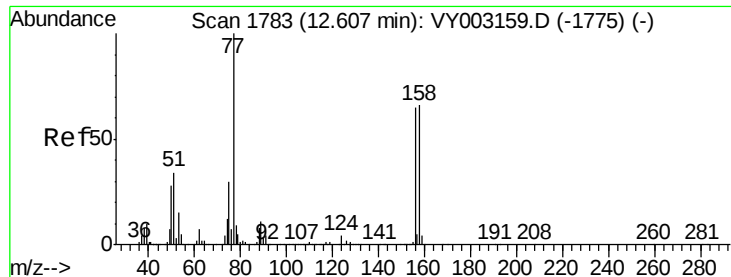
Tot Ion: 83 Resp: 99522
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.2 15.6
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 21.993 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion: 75 Resp: 70800
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.926 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

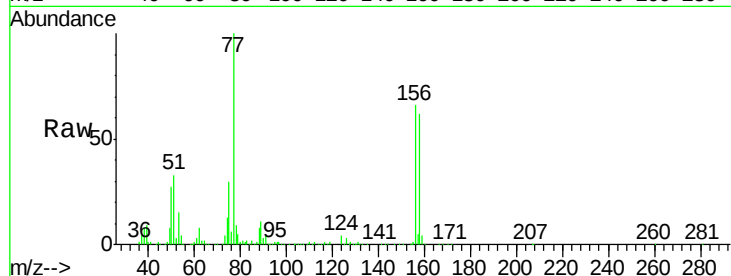
Tot Ion:156 Resp: 123624

Ion Ratio Lower Upper

156 100

77 174.6 86.6 259.7

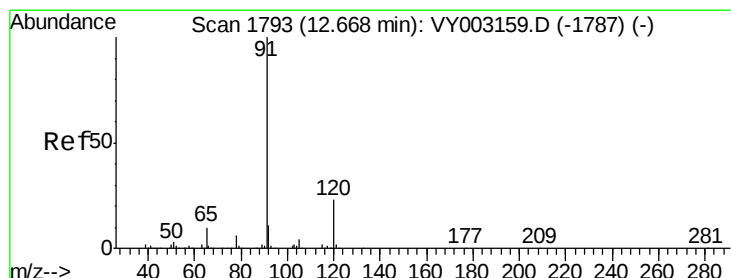
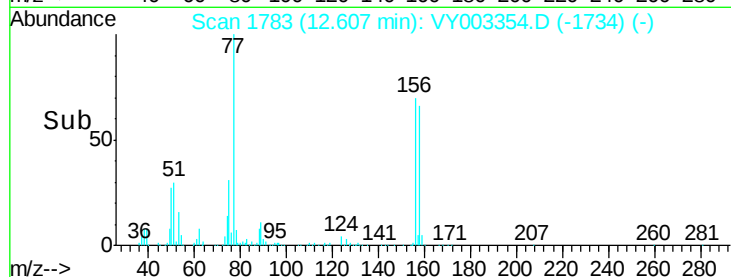
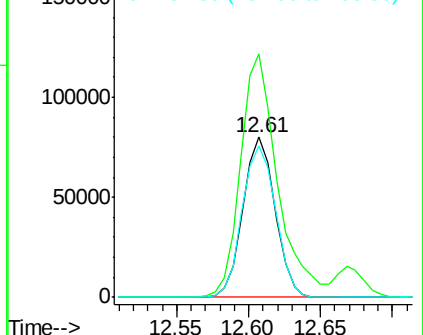
158 98.7 49.4 148.0



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: 21.502 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003354.D

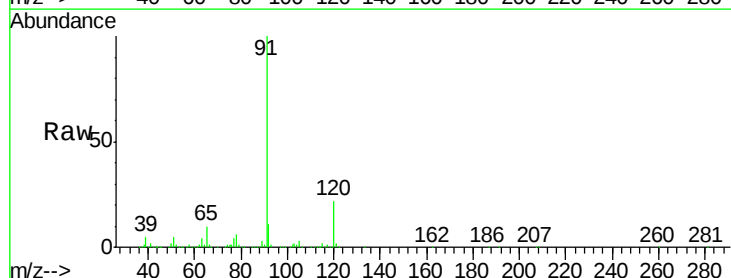
Acq: 27 Jul 2020 14:11

Tgt Ion: 91 Resp: 587413

Ion Ratio Lower Upper

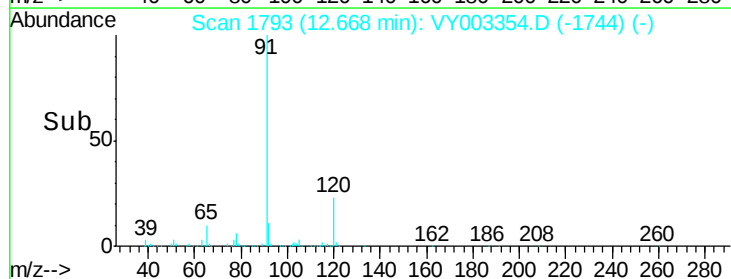
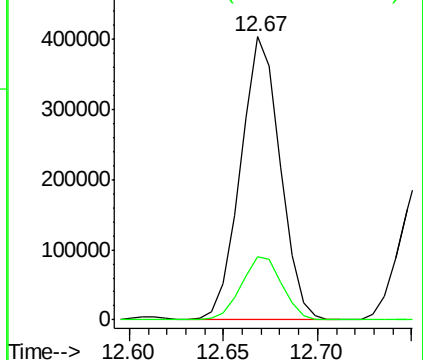
91 100

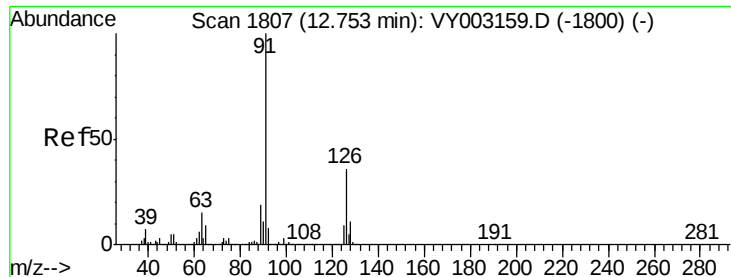
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.165 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

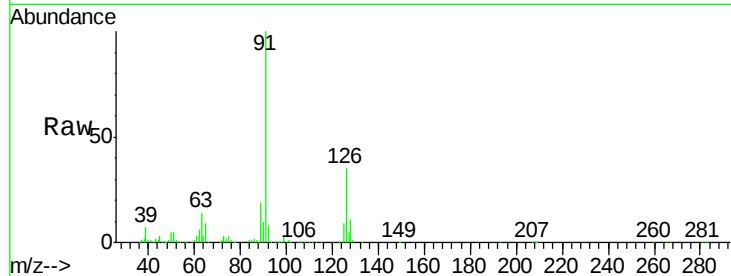
VY0727SBS01

Tot Ion: 91 Resp: 322602

Ion Ratio Lower Upper

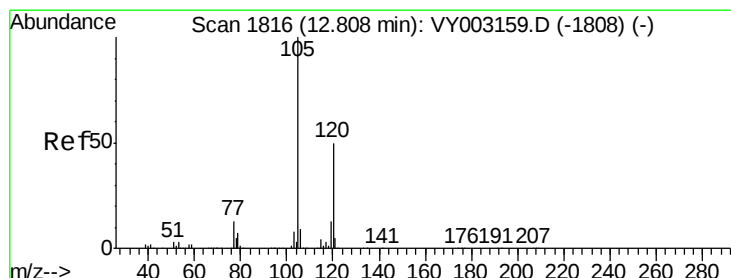
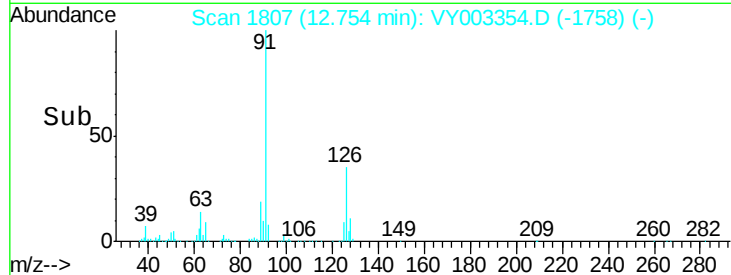
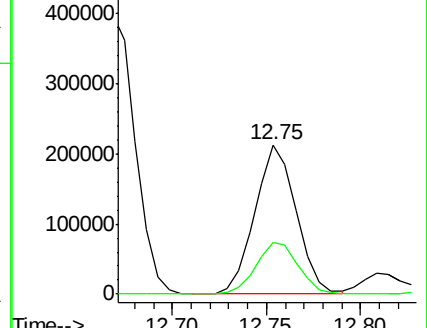
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.157 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003354.D

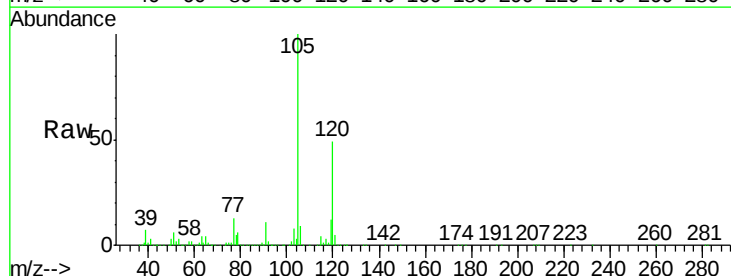
Acq: 27 Jul 2020 14:11

Tgt Ion: 105 Resp: 408668

Ion Ratio Lower Upper

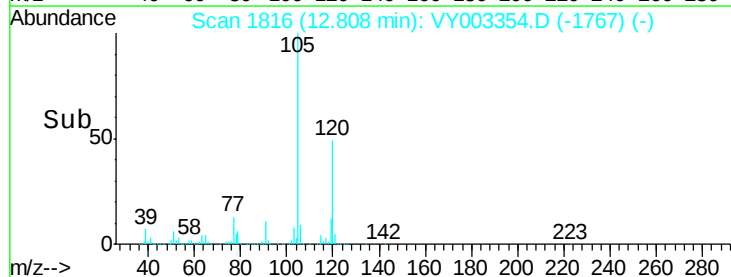
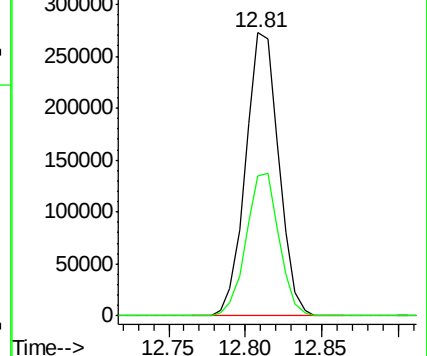
105 100

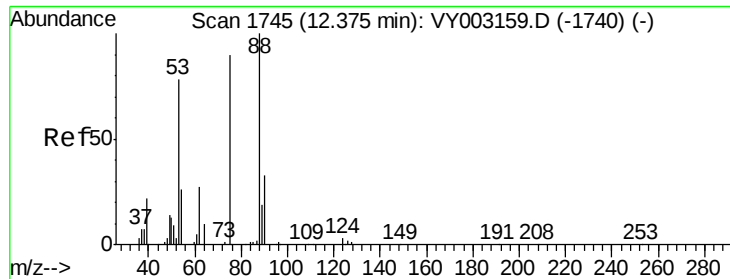
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.045 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

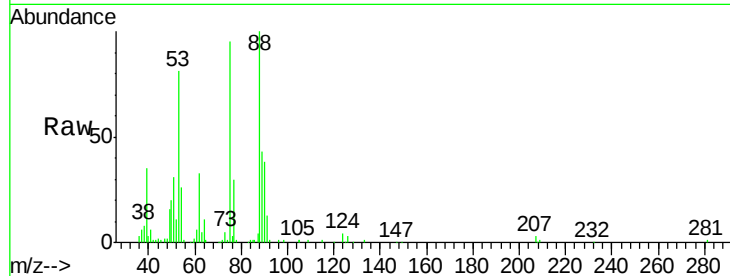
Tot Ion: 75 Resp: 34810

Ion Ratio Lower Upper

75 100

53 88.0 72.0 108.0

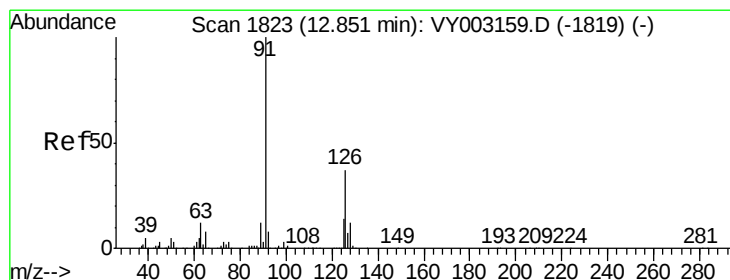
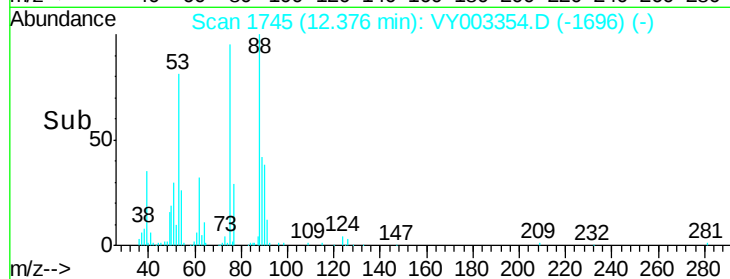
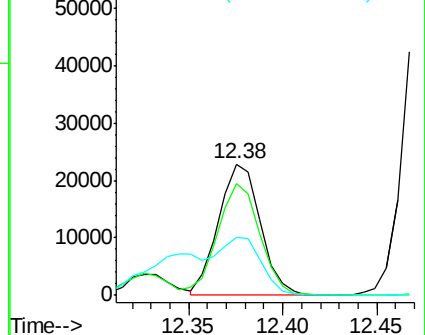
89 47.8 37.3 55.9



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: 21.363 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003354.D

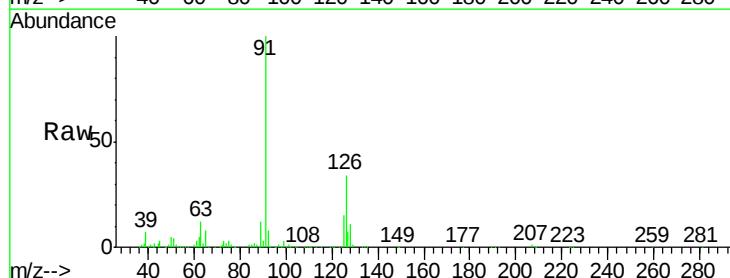
Acq: 27 Jul 2020 14:11

Tgt Ion: 91 Resp: 339863

Ion Ratio Lower Upper

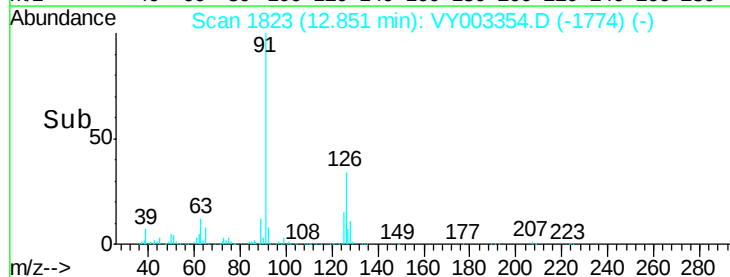
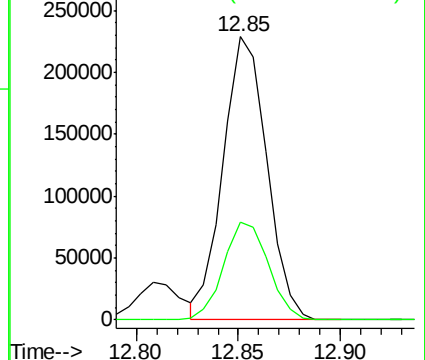
91 100

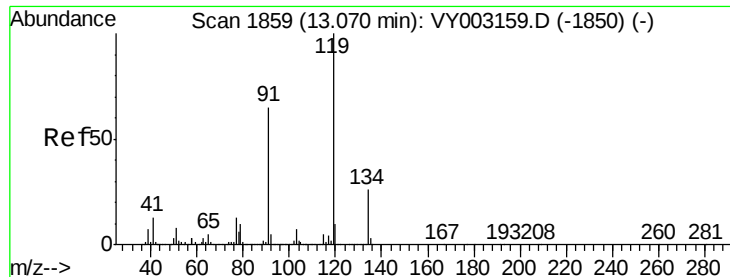
126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

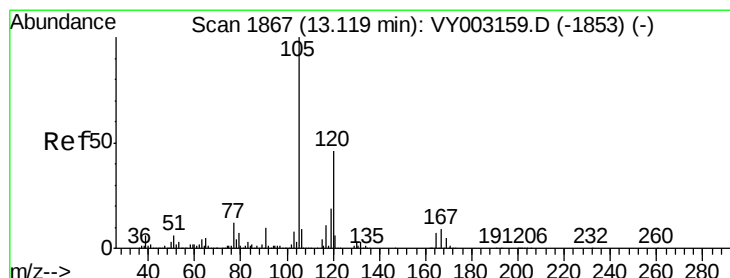
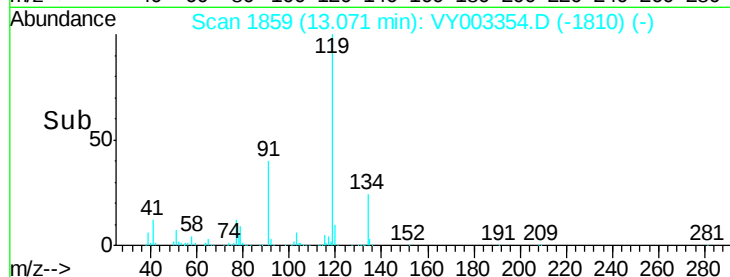
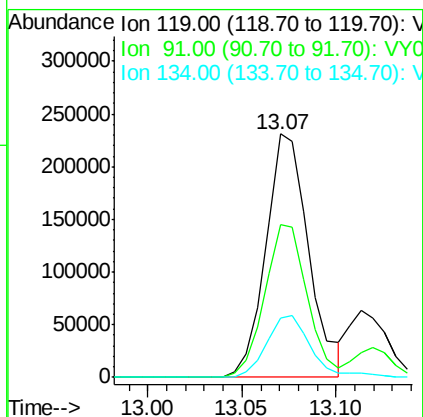
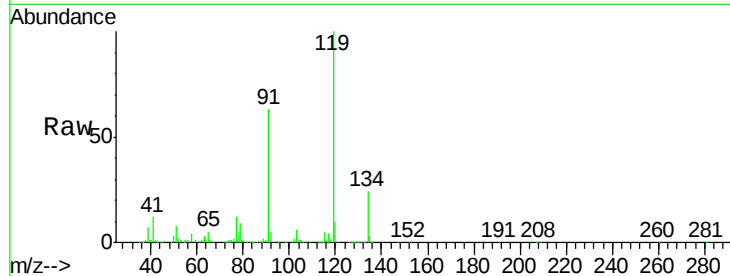




#83
tert-Butylbenzene
Concen: 21.437 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

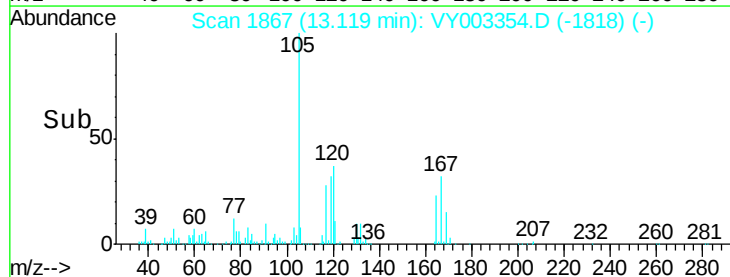
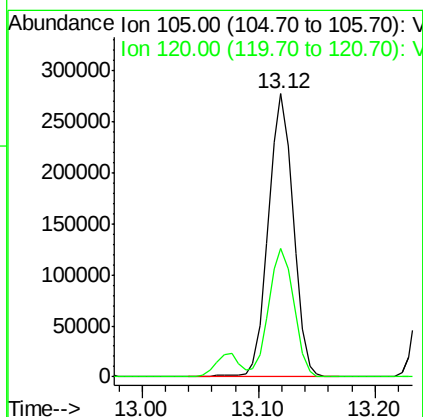
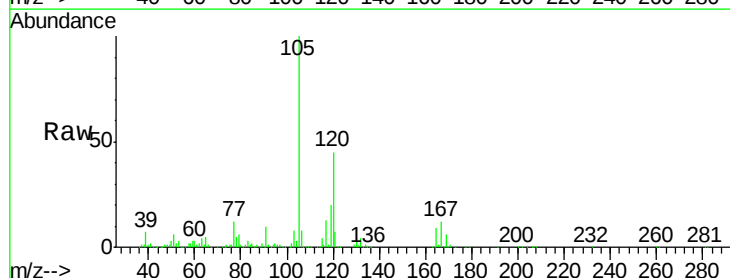
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

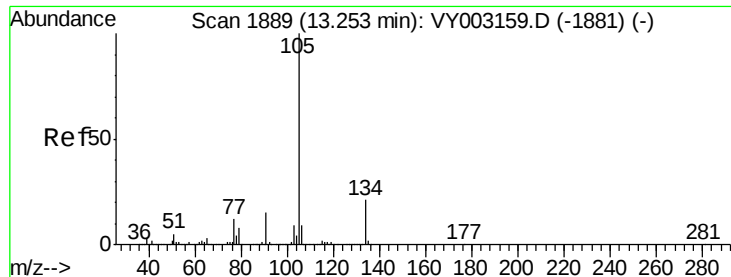
Tot Ion:119 Resp: 365378
Ion Ratio Lower Upper
119 100
91 61.9 30.8 92.4
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.099 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:105 Resp: 410071
Ion Ratio Lower Upper
105 100
120 46.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.482 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

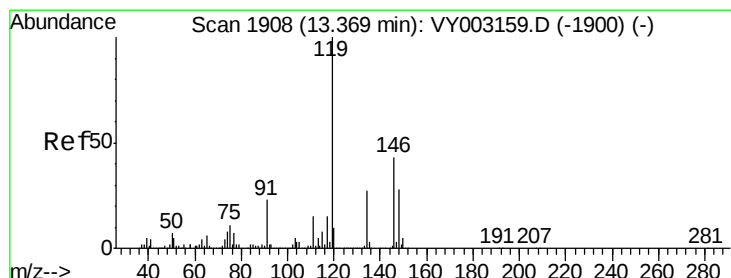
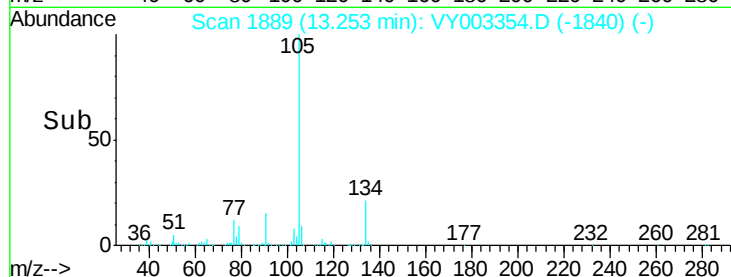
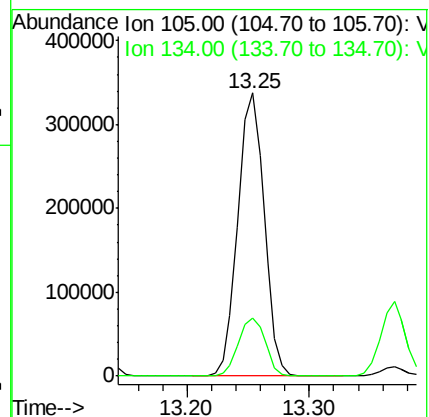
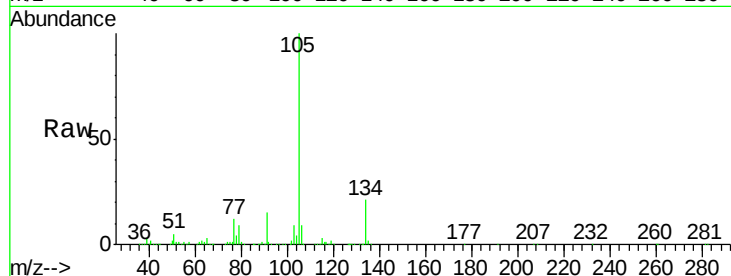
VY0727SBS01

Tot Ion:105 Resp: 503228

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.384 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

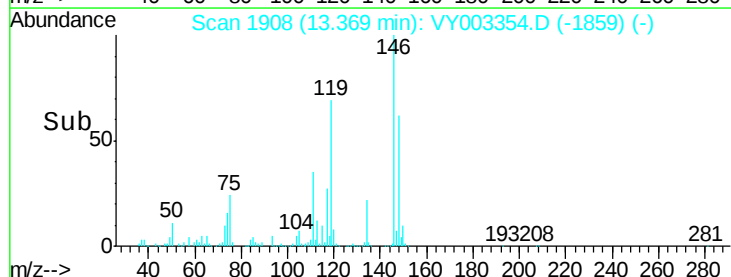
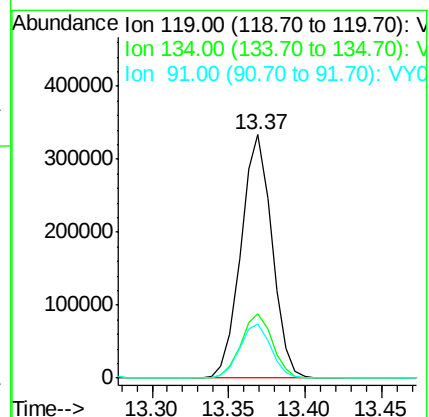
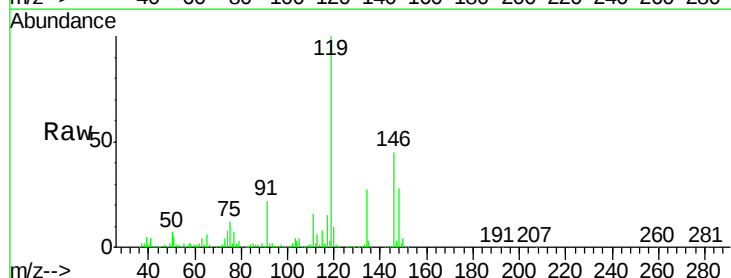
Tgt Ion:119 Resp: 467732

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.4 11.2 33.6

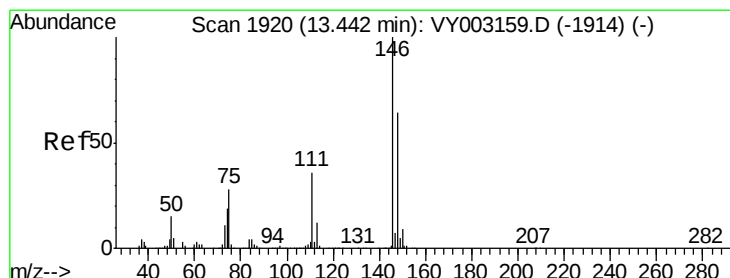
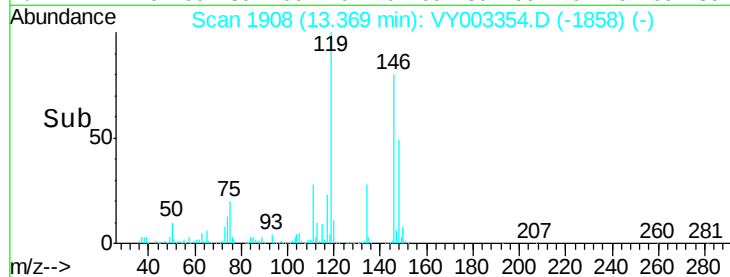
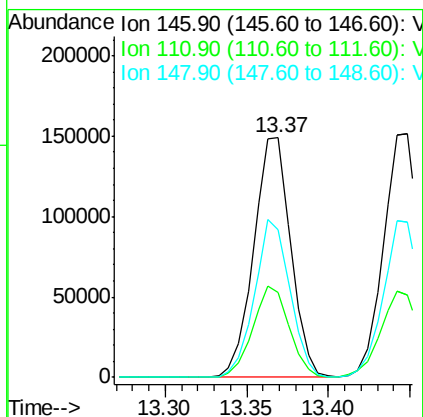
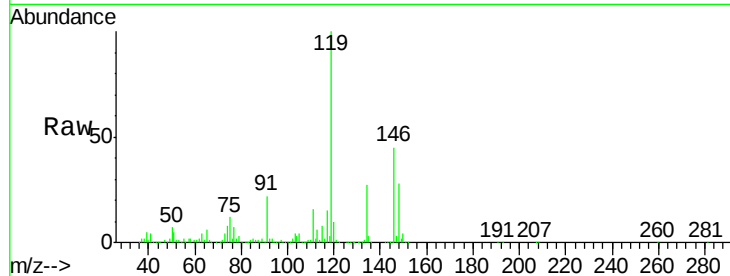




#87
 1,3-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

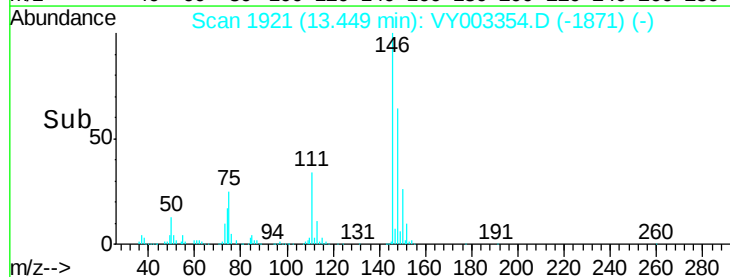
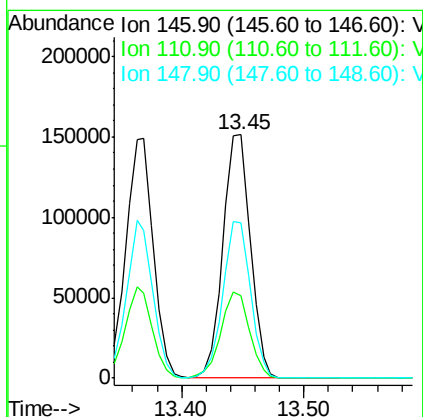
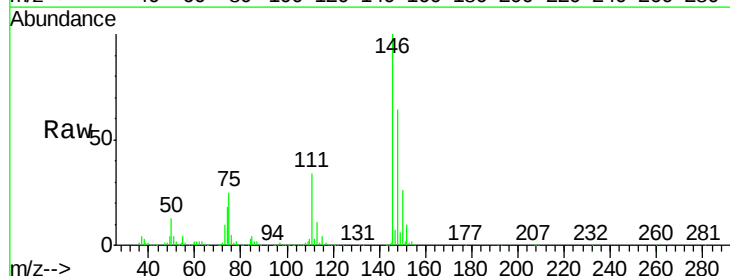
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

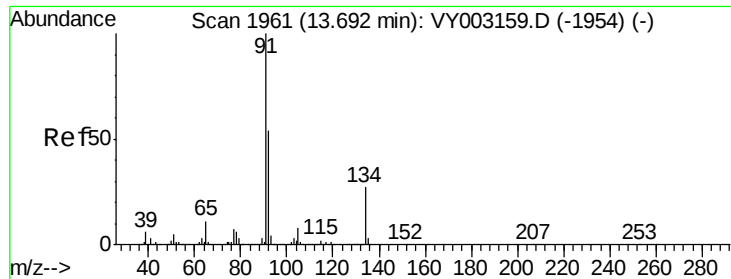
Tot Ion:146 Resp: 234455
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.2 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.354 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion:146 Resp: 236183
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 64.5 32.0 96.0

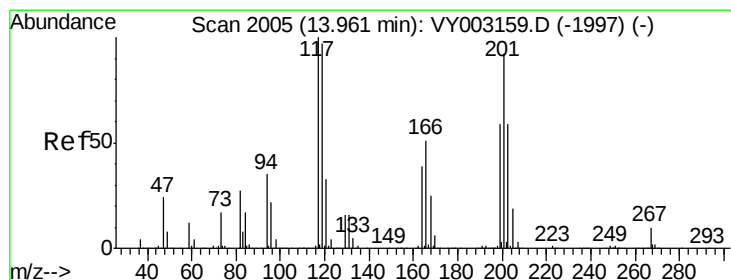
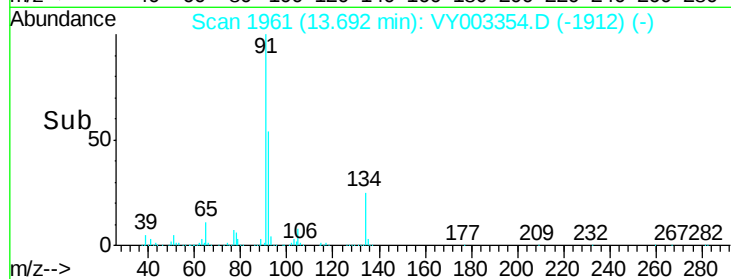
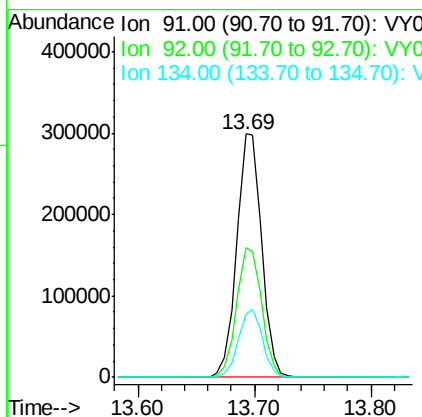
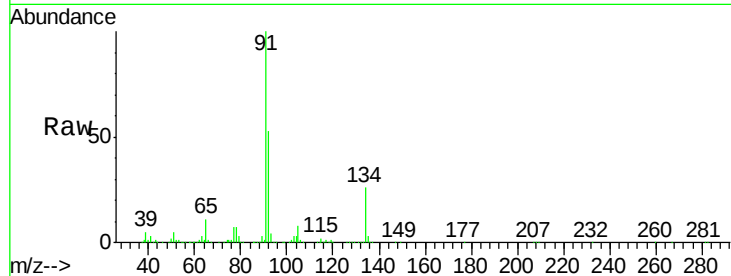




#89
n-Butylbenzene
Concen: 21.629 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

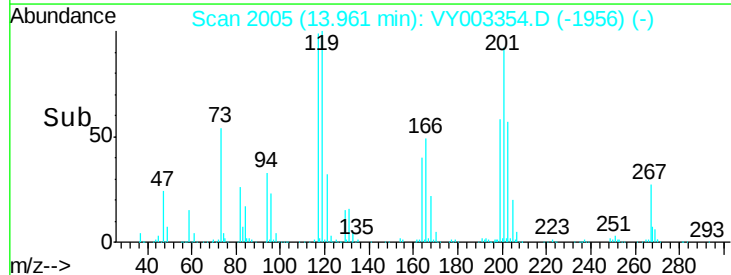
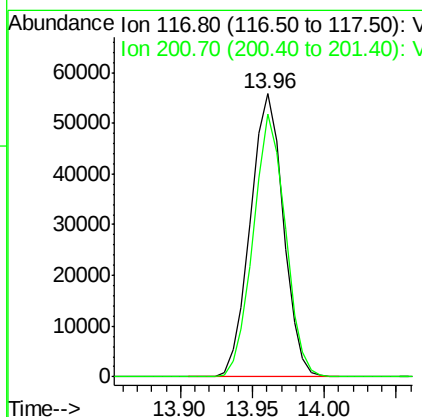
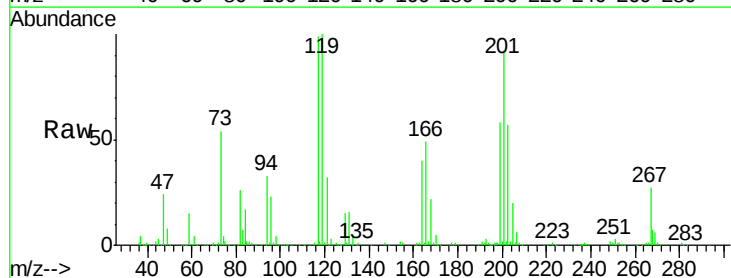
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

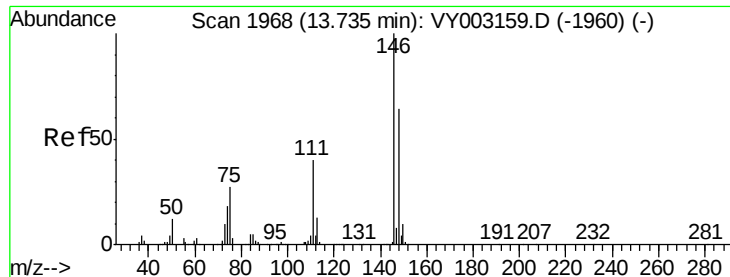
Tot Ion: 91 Resp: 444998
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 22.124 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion: 117 Resp: 88127
Ion Ratio Lower Upper
117 100
201 90.4 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 21.642 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

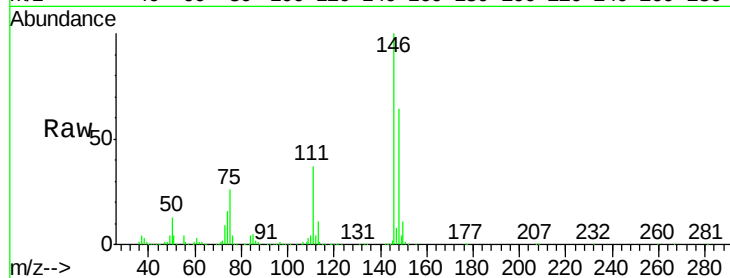
Tot Ion:146 Resp: 212176

Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.8

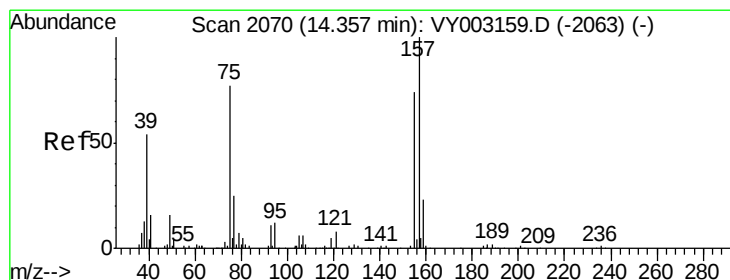
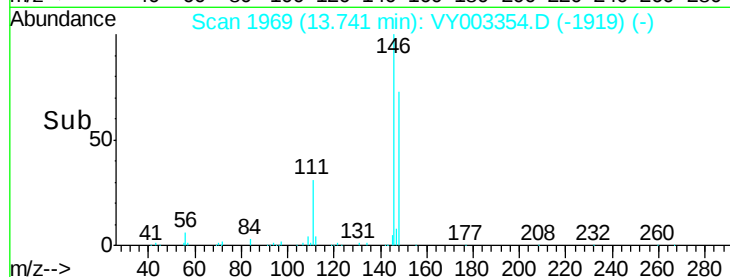
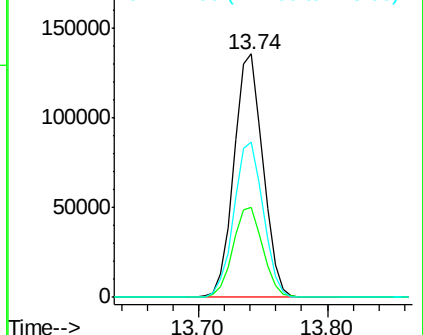
148 64.6 32.4 97.0



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: 22.611 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003354.D

Acq: 27 Jul 2020 14:11

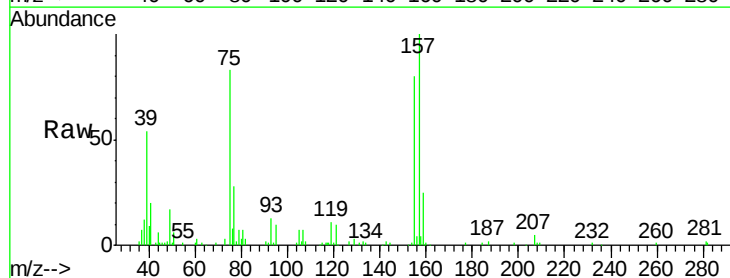
Tgt Ion: 75 Resp: 16408

Ion Ratio Lower Upper

75 100

155 92.2 48.1 144.3

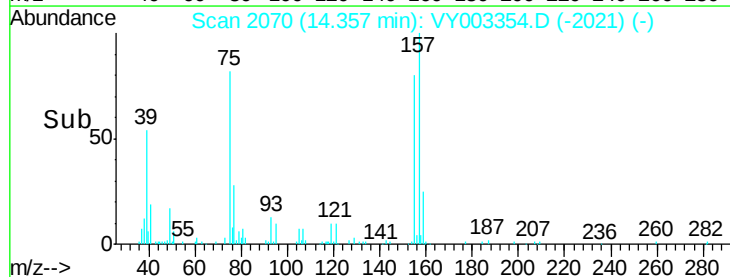
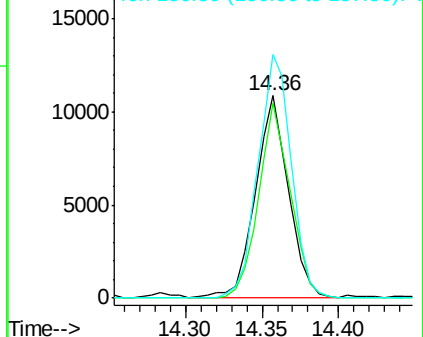
157 120.7 61.9 185.6

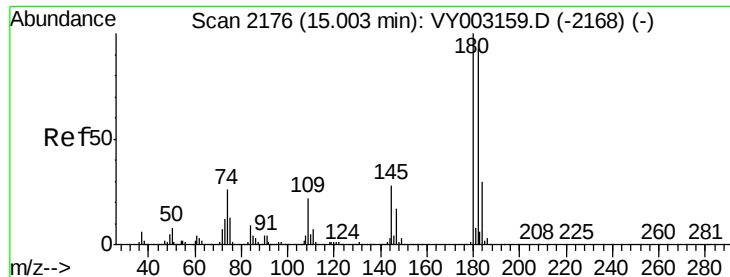


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

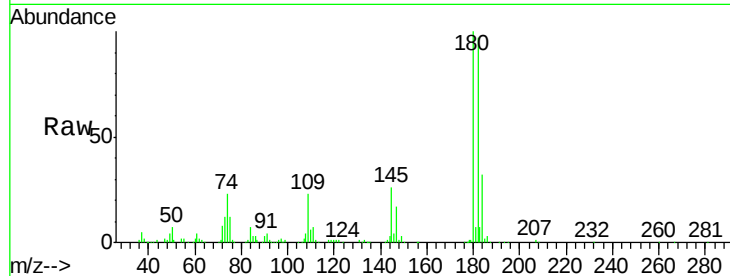




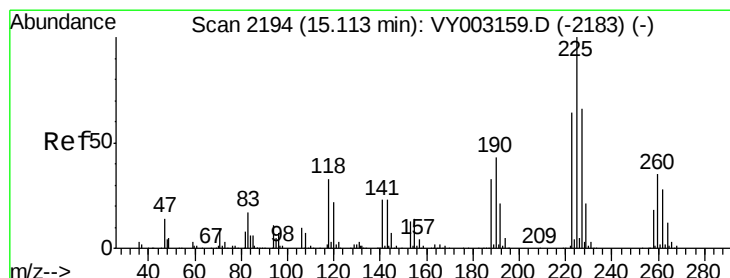
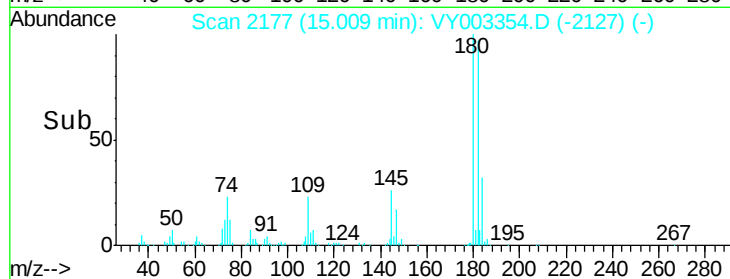
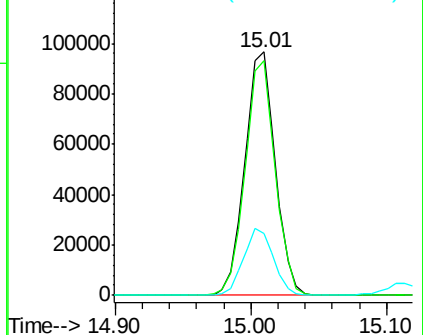
#93
 1,2,4-Trichlorobenzene
 Concen: 21.688 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Tot Ion:180 Resp: 151262
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 27.3 13.7 41.1

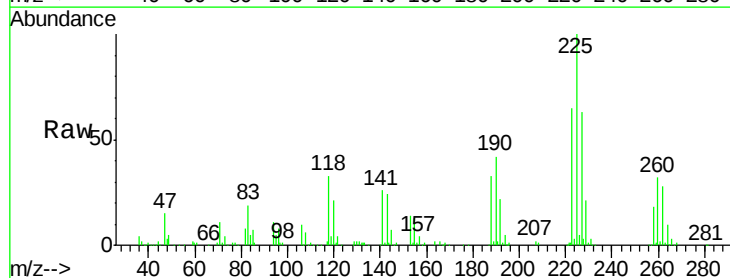


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

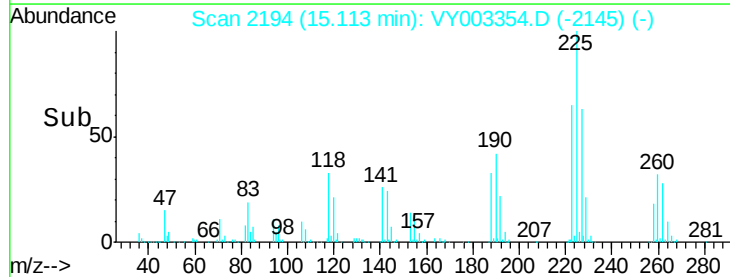
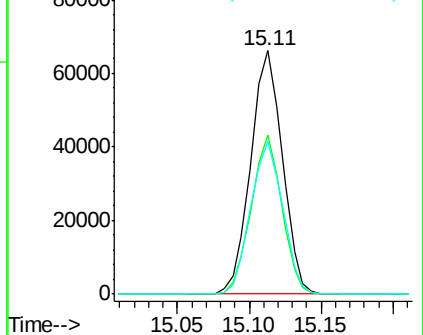


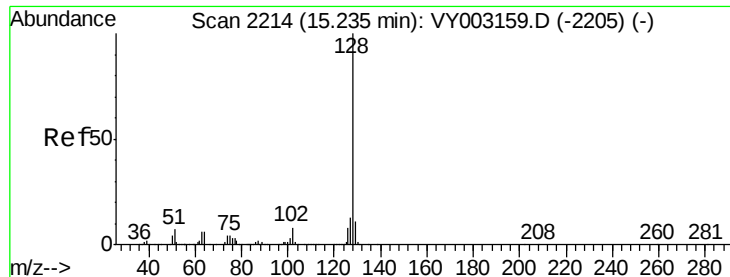
#94
 Hexachlorobutadiene
 Concen: 21.041 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003354.D
 Acq: 27 Jul 2020 14:11

Tgt Ion:225 Resp: 100558
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.7
 227 63.1 32.3 96.8



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

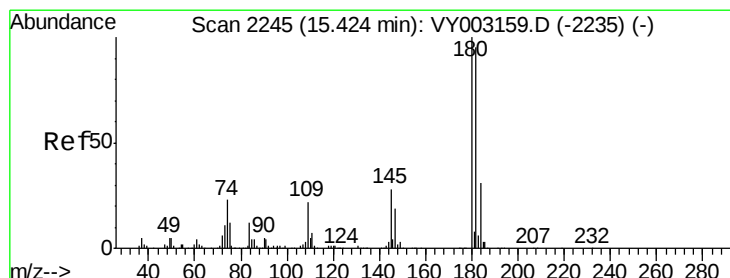
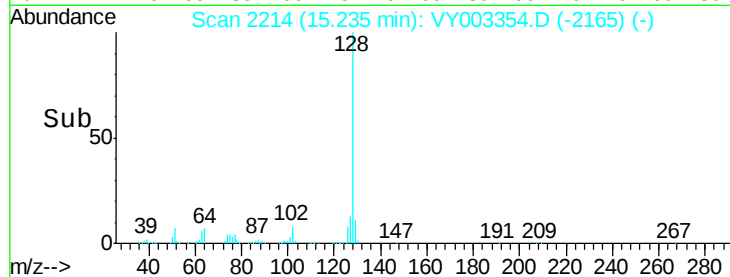
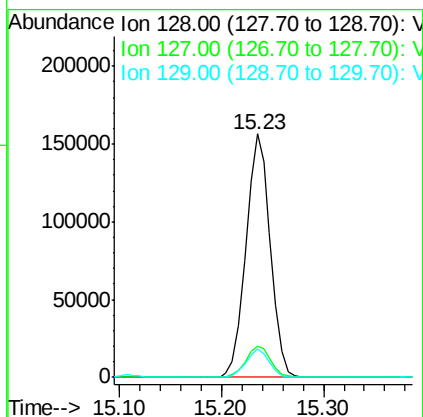
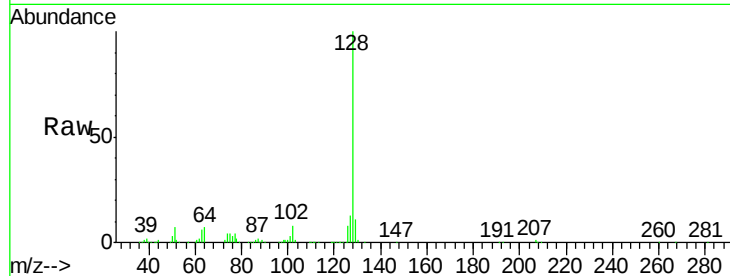




#95
Naphthalene
Concen: 22.425 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion:128 Resp: 258479
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 22.145 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003354.D
Acq: 27 Jul 2020 14:11

Tgt Ion:180 Resp: 122091
Ion Ratio Lower Upper
180 100
182 96.2 48.8 146.3
145 29.1 14.9 44.5

