

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003078.D
 Acq On : 02 Jul 2020 12:09
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Quant Time: Jul 03 02:35:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	419028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	621752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	569818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	302079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	201973	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	192213	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	10.18	98	701839	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.48	95	249080	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	58330	18.381	ug/l	98
3) Chloromethane	2.12	50	81468	17.531	ug/l	97
4) Vinyl Chloride	2.26	62	88833	19.597	ug/l	99
5) Bromomethane	2.64	94	66752	21.689	ug/l	97
6) Chloroethane	2.79	64	59081	20.488	ug/l	94
7) Trichlorofluoromethane	3.13	101	127207	19.883	ug/l	100
8) Diethyl Ether	3.54	74	44480	20.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78066	20.435	ug/l	100
10) Methyl Iodide	4.10	142	92419	19.510	ug/l	100
11) Tert butyl alcohol	4.96	59	48020	113.219	ug/l	98
12) 1,1-Dichloroethene	3.87	96	73303	20.167	ug/l	88
13) Acrolein	3.74	56	34108	89.538	ug/l	98
14) Allyl chloride	4.49	41	120005	18.910	ug/l	97
15) Acrylonitrile	5.18	53	113312	100.241	ug/l	99
16) Acetone	3.96	43	98081	99.925	ug/l	97
17) Carbon Disulfide	4.20	76	225422	19.411	ug/l	98
18) Methyl Acetate	4.49	43	52606	19.893	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	215642	20.353	ug/l	97
20) Methylene Chloride	4.72	84	117145	22.978	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	83146	20.223	ug/l	95
22) Diisopropyl ether	6.13	45	268214	19.719	ug/l	98
23) Vinyl Acetate	6.07	43	888206	97.673	ug/l	100
24) 1,1-Dichloroethane	6.03	63	147253	19.819	ug/l	98
25) 2-Butanone	6.99	43	159588	102.353	ug/l	98
26) 2,2-Dichloropropane	6.99	77	140385	20.796	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	93466	20.268	ug/l	100
28) Bromochloromethane	7.35	49	59708	18.061	ug/l	94
29) Tetrahydrofuran	7.35	42	100420	96.849	ug/l	97
30) Chloroform	7.52	83	149410	20.298	ug/l	98
31) Cyclohexane	7.79	56	143183	19.561	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	135333	20.142	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120362	20.097	ug/l	100
37) Ethyl Acetate	7.08	43	68368	18.986	ug/l	99
38) Carbon Tetrachloride	7.91	117	123210	19.773	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146882	19.781	ug/l	98
40) Benzene	8.16	78	329813	20.115	ug/l	100
41) Methacrylonitrile	7.35	41	93866	48.799	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	104692	20.184	ug/l	99
43) Isopropyl Acetate	8.28	43	133608	19.518	ug/l	97
44) Trichloroethene	8.94	130	95575	20.055	ug/l	93
45) 1,2-Dichloropropane	9.22	63	88517	20.067	ug/l	91
46) Dibromomethane	9.31	93	49695	20.171	ug/l	99
47) Bromodichloromethane	9.50	83	122596	20.322	ug/l	98
48) Methyl methacrylate	9.30	41	58824	18.879	ug/l	96
49) 1,4-Dioxane	9.30	88	13113	436.017	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	344944	97.493	ug/l	98
52) Toluene	10.24	92	209006	20.250	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	124756	19.725	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	141839	19.609	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71385	20.851	ug/l	100
56) Ethyl methacrylate	10.51	69	98619	19.900	ug/l	96
57) 1,3-Dichloropropane	10.79	76	122090	20.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	232666	91.540	ug/l	99
59) 2-Hexanone	10.83	43	245254	99.172	ug/l	100
60) Dibromochloromethane	10.99	129	90033	20.550	ug/l	97
61) 1,2-Dibromoethane	11.09	107	69099	20.473	ug/l	100
64) Tetrachloroethene	10.72	164	94613	19.619	ug/l	93
65) Chlorobenzene	11.52	112	229055	20.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	89785	20.468	ug/l	99
67) Ethyl Benzene	11.59	91	411359	20.013	ug/l	99
68) m/p-Xylenes	11.70	106	304269	39.773	ug/l	99
69) o-Xylene	12.03	106	148033	20.535	ug/l	96
70) Styrene	12.04	104	247842	20.124	ug/l	98
71) Bromoform	12.20	173	58876	20.128	ug/l #	98
73) Isopropylbenzene	12.33	105	402202	20.344	ug/l	100
74) N-amyl acetate	12.14	43	124503	19.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	83152	20.842	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	112258	37.549	ug/l #	100
77) Bromobenzene	12.61	156	100332	19.793	ug/l	99
78) n-propylbenzene	12.67	91	481077	20.234	ug/l	100
79) 2-Chlorotoluene	12.75	91	265165	19.980	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	336396	20.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30030	19.543	ug/l	98
82) 4-Chlorotoluene	12.85	91	279496	20.228	ug/l	100
83) tert-Butylbenzene	13.07	119	294569	20.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	339891	20.332	ug/l	97
85) sec-Butylbenzene	13.25	105	410837	20.462	ug/l	100
86) p-Isopropyltoluene	13.37	119	377697	20.301	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	192225	20.312	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	193042	20.687	ug/l	99
89) n-Butylbenzene	13.70	91	363308	20.409	ug/l	99
90) Hexachloroethane	13.96	117	75526	20.443	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	173765	20.465	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14659	20.756	ug/l	98

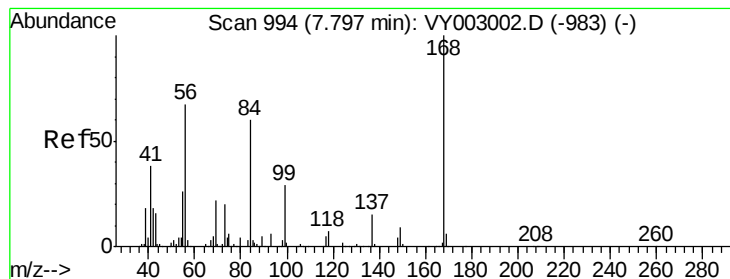
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	130608	20.701	ug/l	100
94) Hexachlorobutadiene	15.11	225	83331	20.939	ug/l	97
95) Naphthalene	15.23	128	241185	20.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113482	20.714	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

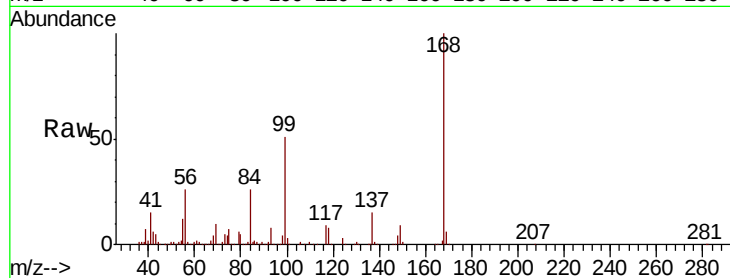
VY0702SBSD01

Tot Ion:168 Resp: 419028

Ion Ratio Lower Upper

168 100

99 50.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

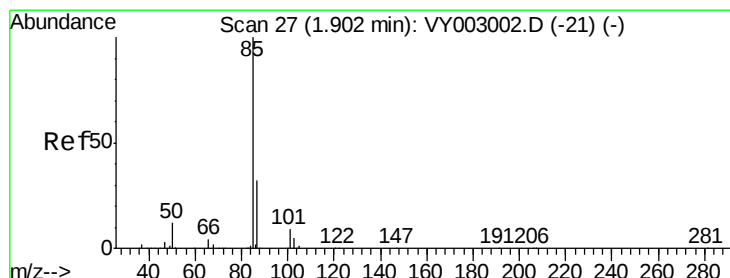
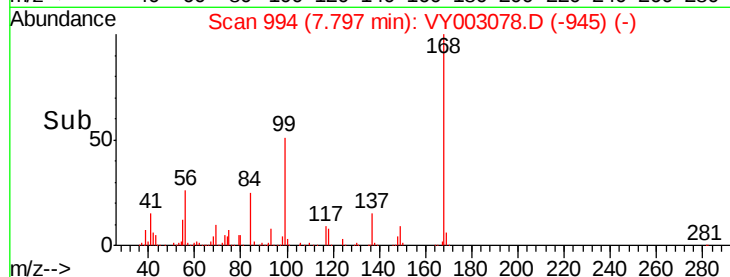
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.381 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003078.D

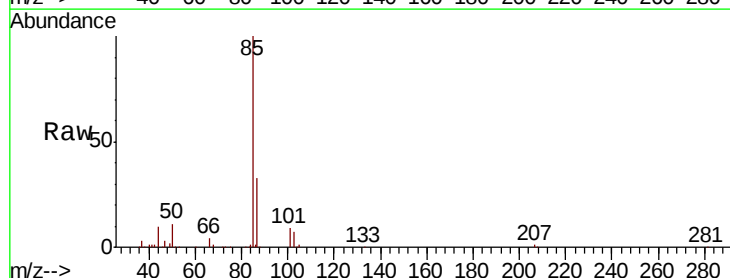
Acq: 02 Jul 2020 12:09

Tgt Ion: 85 Resp: 58330

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

40000

30000

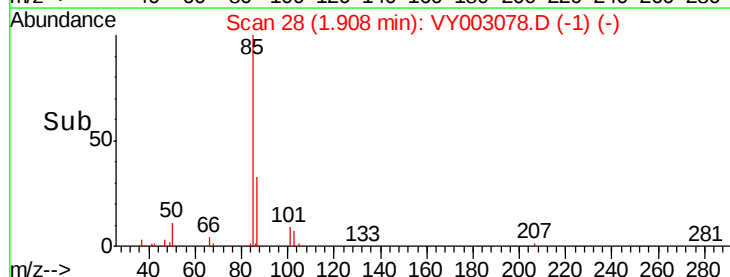
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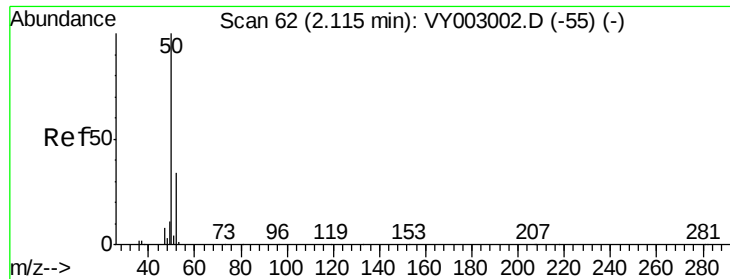
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.531 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

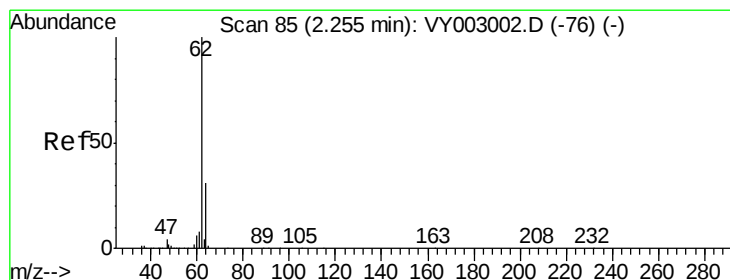
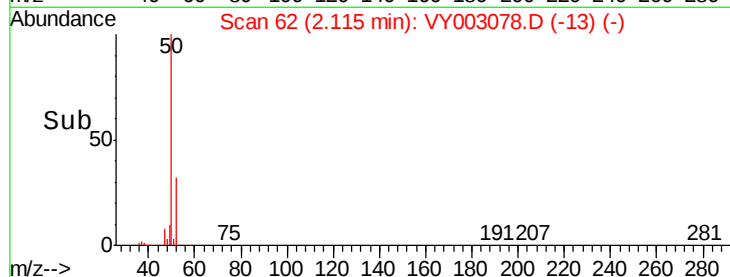
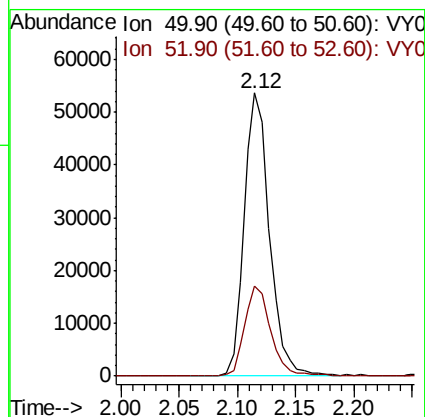
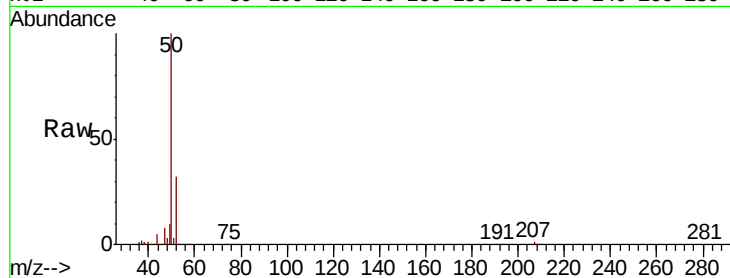
VY0702SBSD01

Tot Ion: 50 Resp: 81468

Ion Ratio Lower Upper

50 100

52 31.8 26.9 40.3



#4

Vinyl Chloride

Concen: 19.597 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003078.D

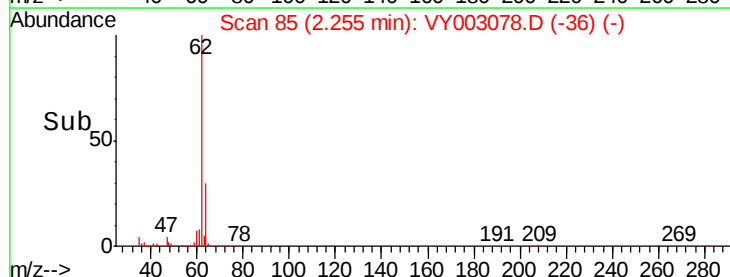
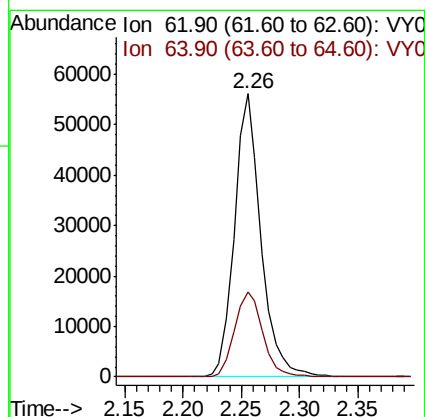
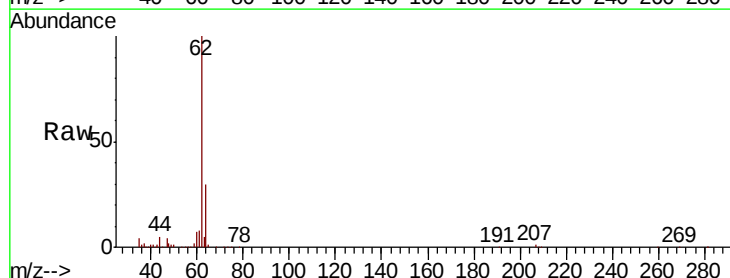
Acq: 02 Jul 2020 12:09

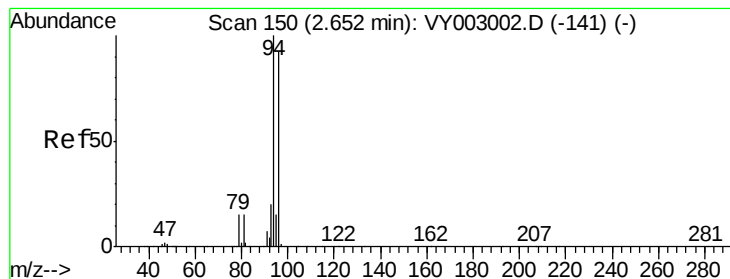
Tgt Ion: 62 Resp: 88833

Ion Ratio Lower Upper

62 100

64 29.8 24.4 36.6





#5

Bromomethane

Concen: 21.689 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

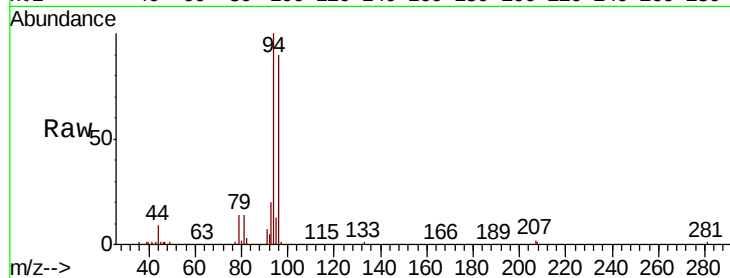
VY0702SBSD01

Tot Ion: 94 Resp: 66752

Ion Ratio Lower Upper

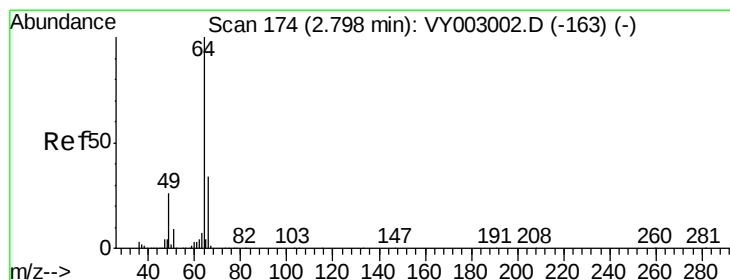
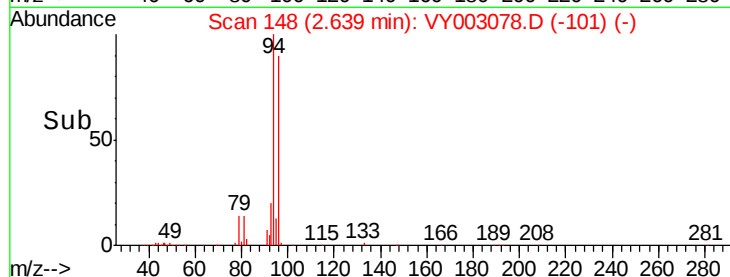
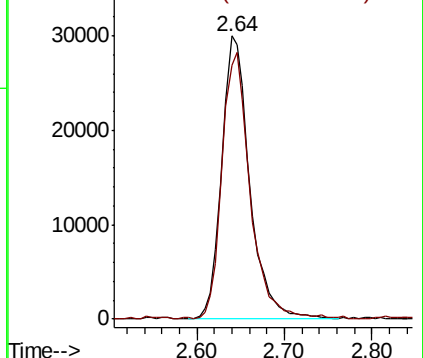
94 100

96 89.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.488 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003078.D

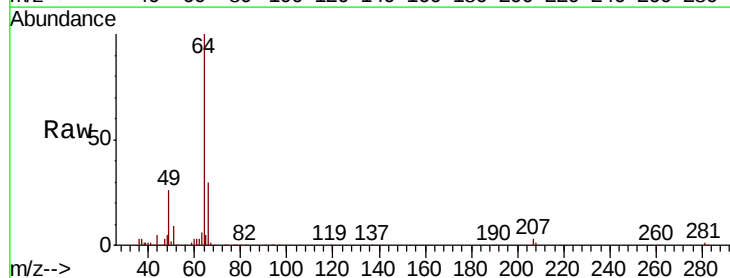
Acq: 02 Jul 2020 12:09

Tgt Ion: 64 Resp: 59081

Ion Ratio Lower Upper

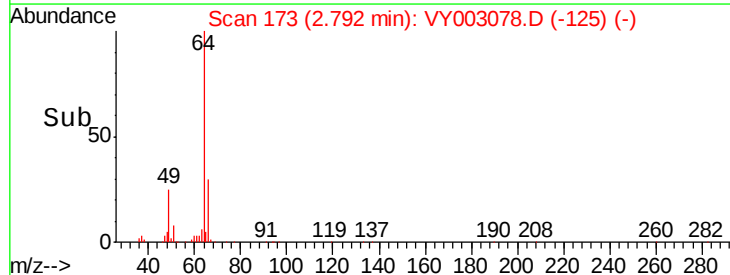
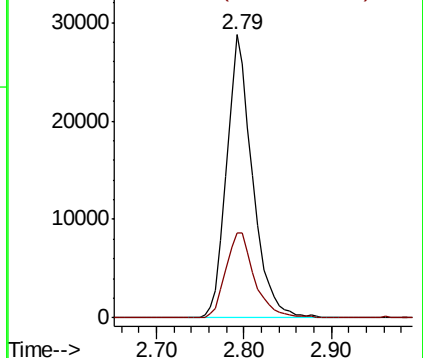
64 100

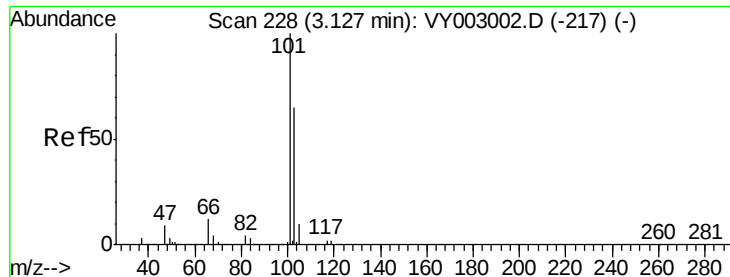
66 30.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



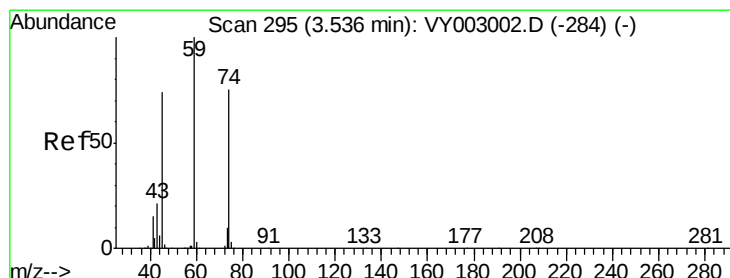
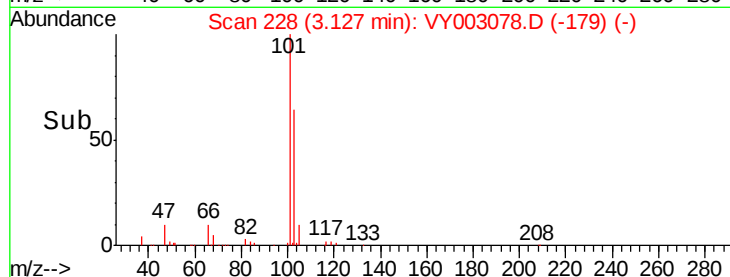
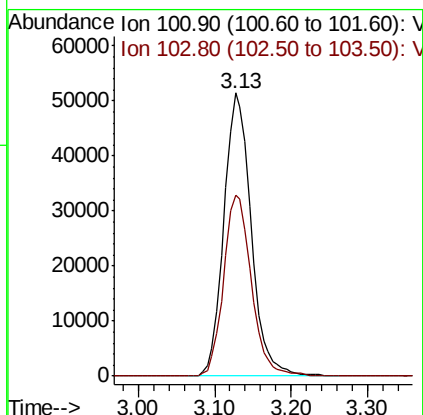
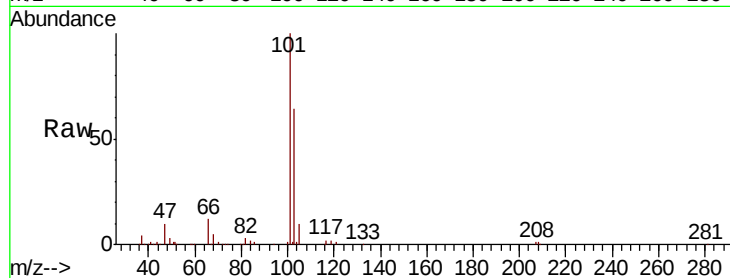


#7

Trichlorofluoromethane
 Concen: 19.883 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
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 VY0702SBSD01

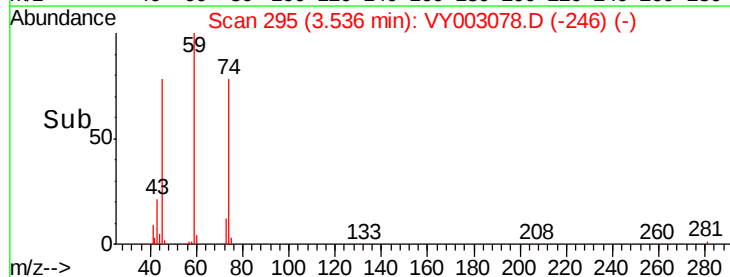
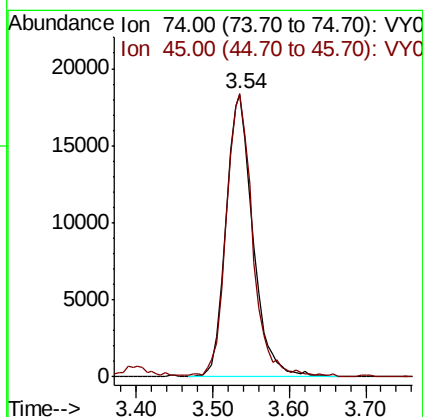
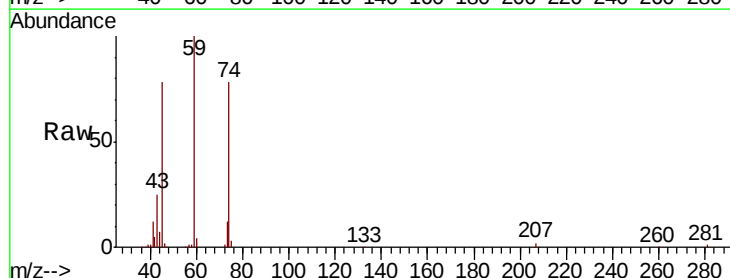
Tot Ion:101 Resp: 127207
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.6 77.4

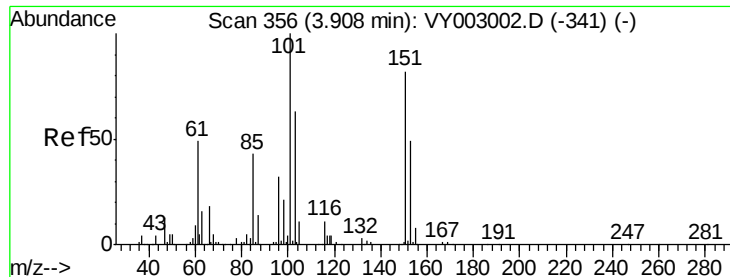


#8

Diethyl Ether
 Concen: 20.280 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 74 Resp: 44480
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.435 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

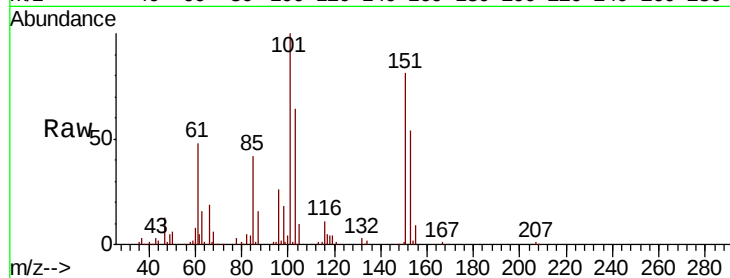
Tot Ion:101 Resp: 78066

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

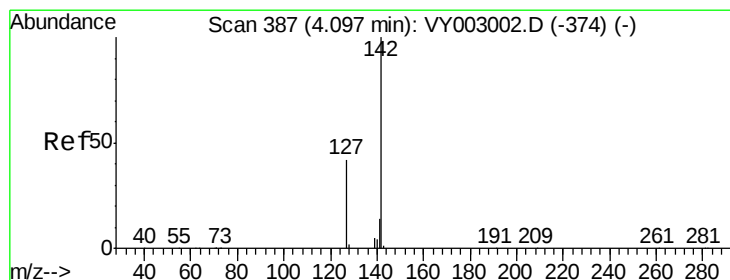
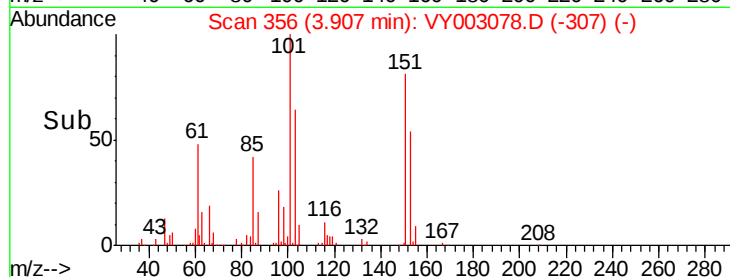
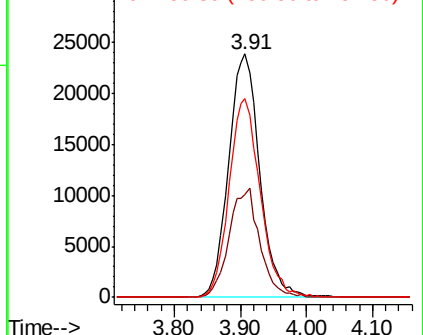
151 81.6 65.5 98.3



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: 19.510 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

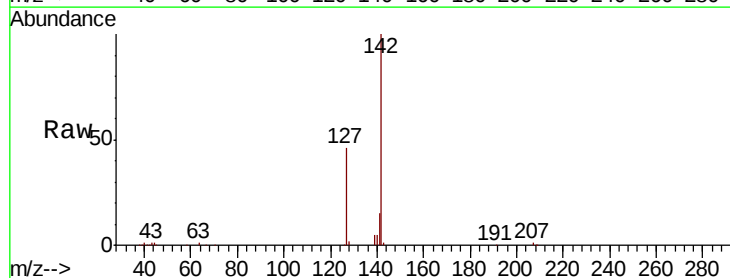
Tgt Ion:142 Resp: 92419

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.2

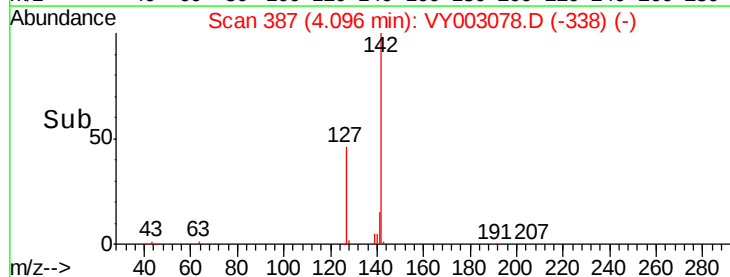
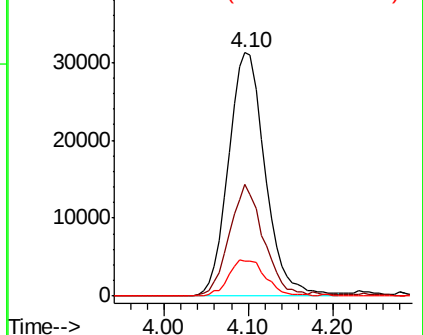
141 15.0 11.7 17.5

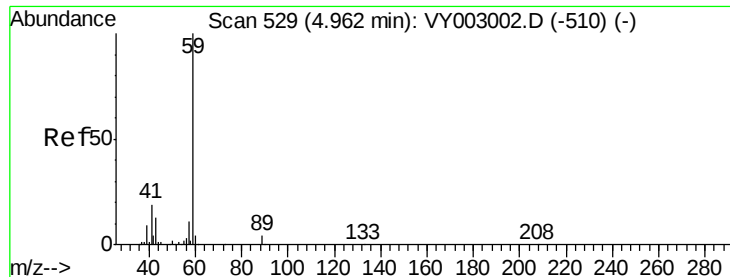


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



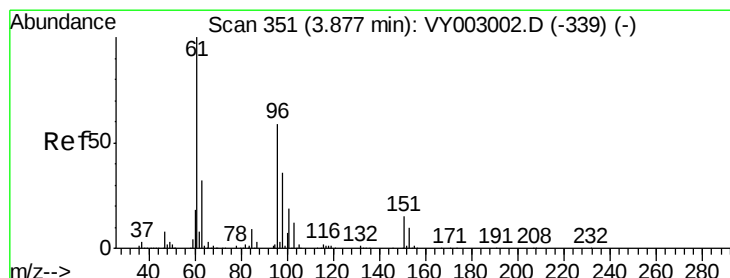
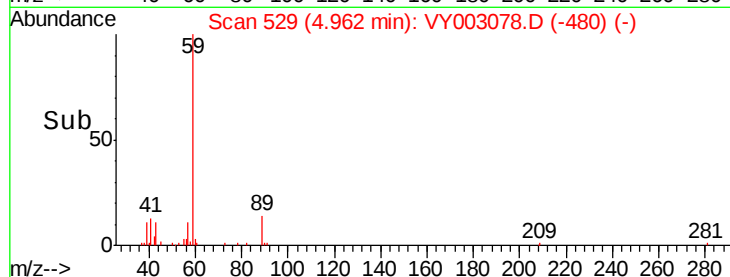
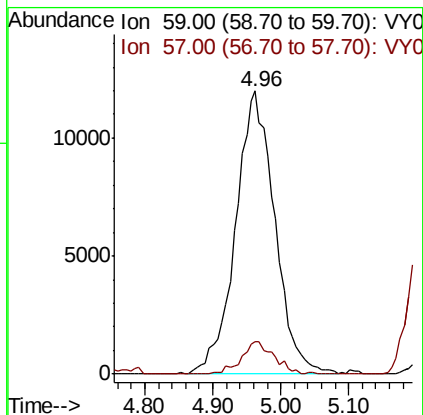
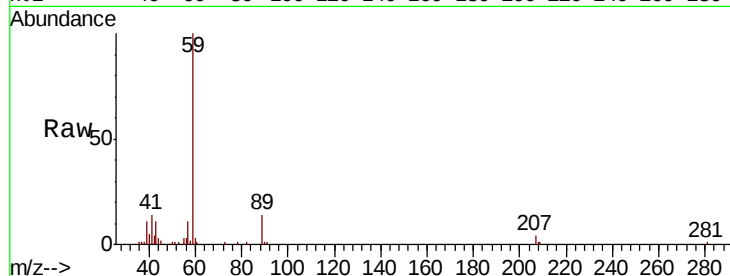


#11

Tert butyl alcohol
 Concen: 113.219 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

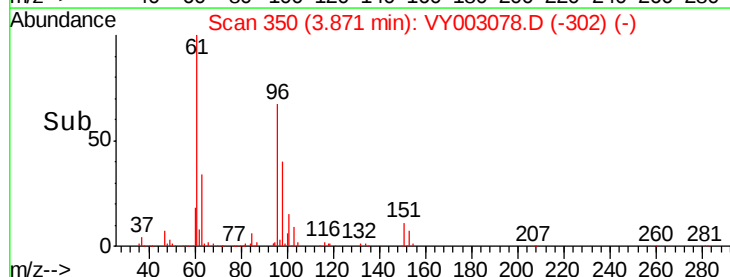
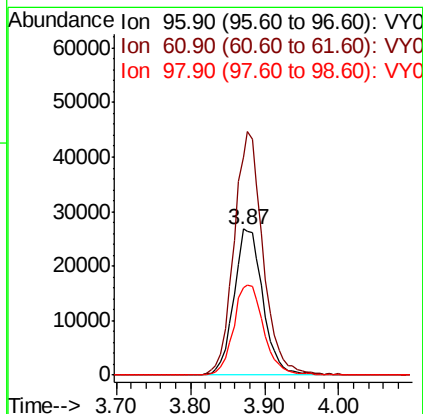
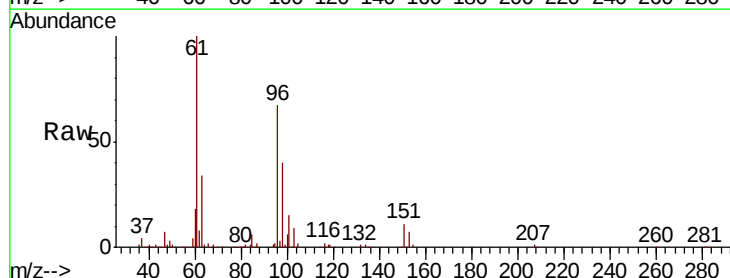
Tot Ion: 59 Resp: 48020
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.0 12.0

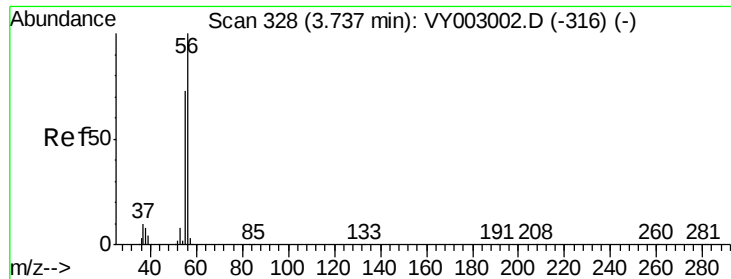


#12

1,1-Dichloroethene
 Concen: 20.167 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 96 Resp: 73303
 Ion Ratio Lower Upper
 96 100
 61 149.4 136.7 205.1
 98 59.6 49.7 74.5





#13

Acrolein

Concen: 89.538 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

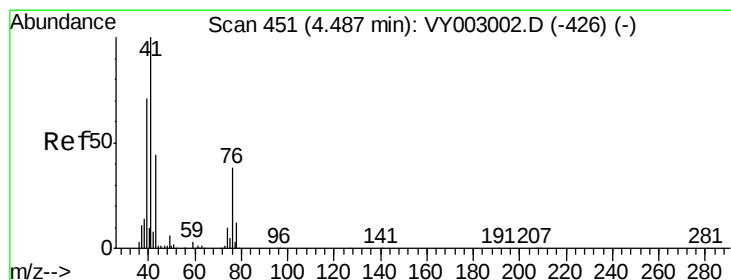
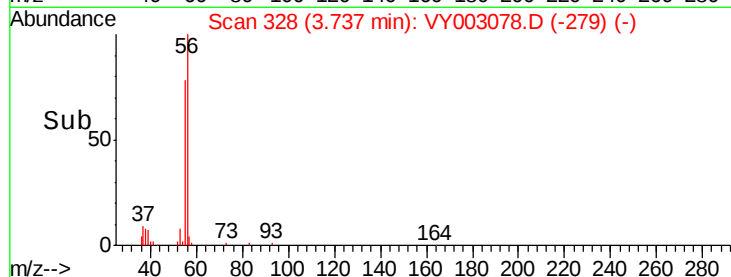
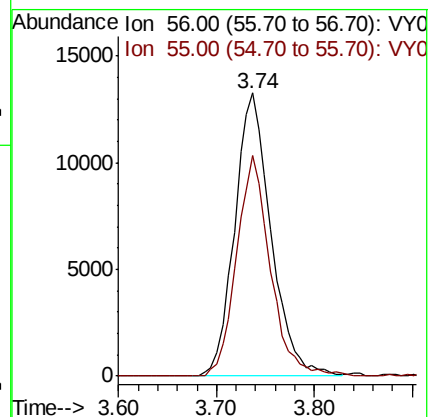
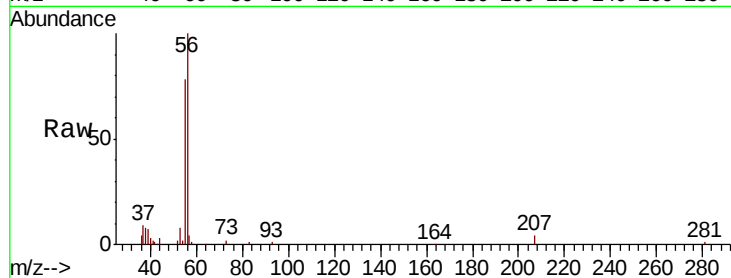
VY0702SBSD01

Tot Ion: 56 Resp: 34108

Ion Ratio Lower Upper

56 100

55 72.4 56.4 84.6



#14

Allyl chloride

Concen: 18.910 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

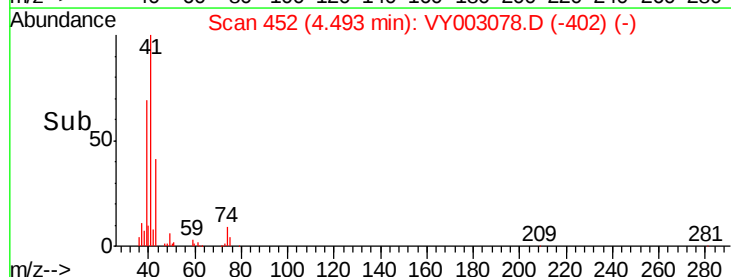
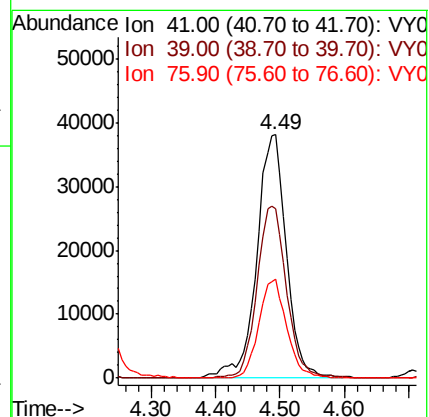
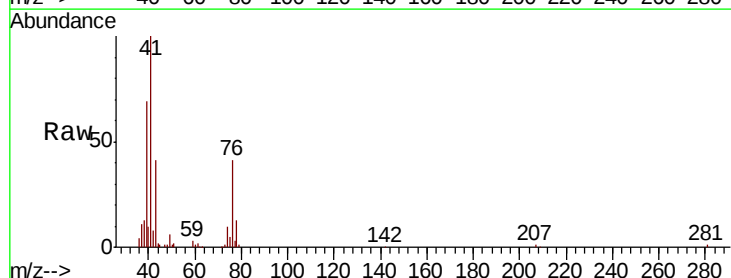
Tgt Ion: 41 Resp: 120005

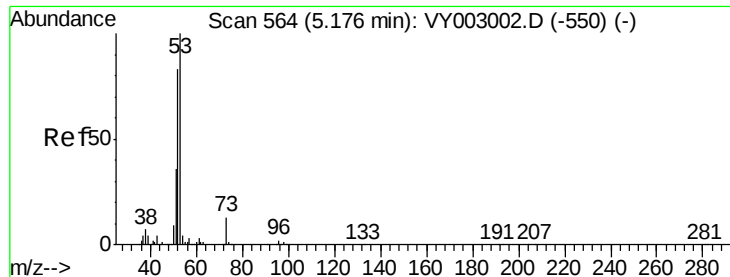
Ion Ratio Lower Upper

41 100

39 71.0 55.6 83.4

76 38.2 28.6 43.0





#15

Acrylonitrile

Concen: 100.241 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

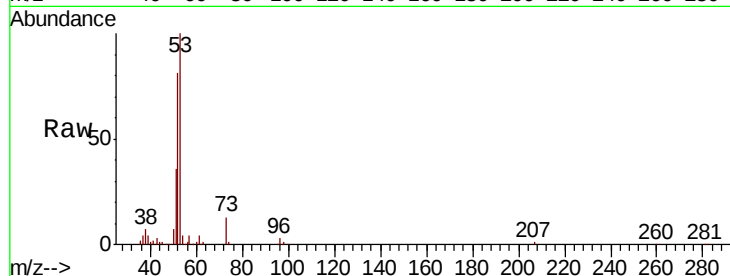
Tot Ion: 53 Resp: 113312

Ion Ratio Lower Upper

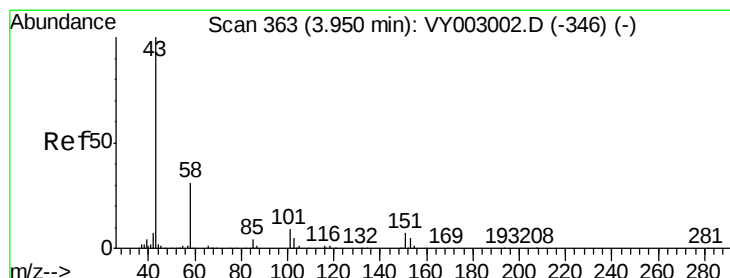
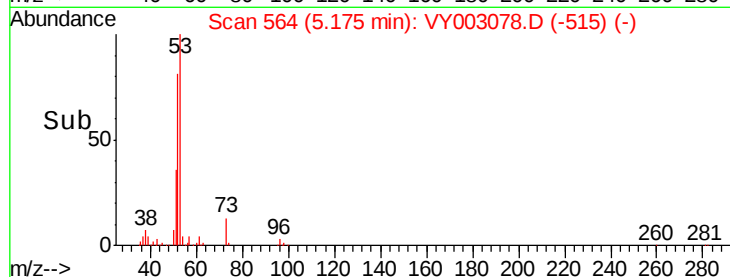
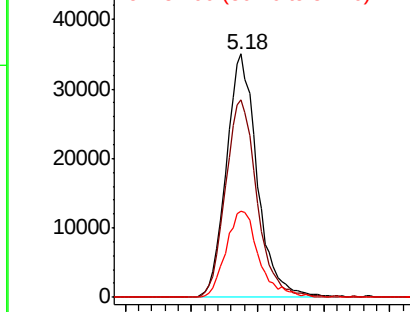
53 100

52 82.3 66.2 99.2

51 37.8 29.5 44.3



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: 99.925 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003078.D

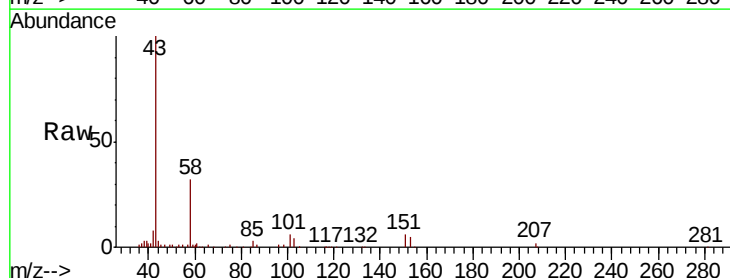
Acq: 02 Jul 2020 12:09

Tgt Ion: 43 Resp: 98081

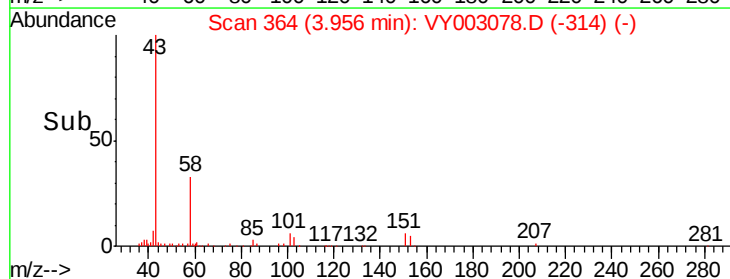
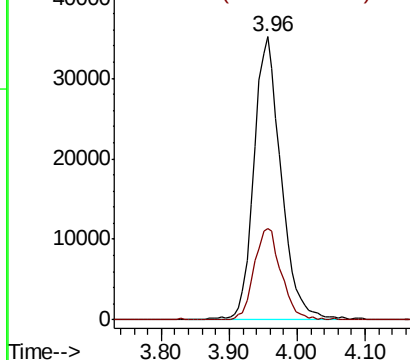
Ion Ratio Lower Upper

43 100

58 32.4 24.7 37.1



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

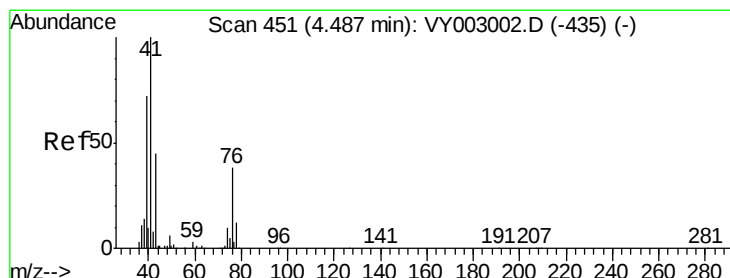
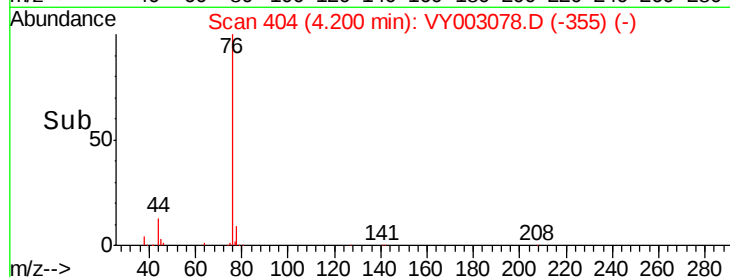
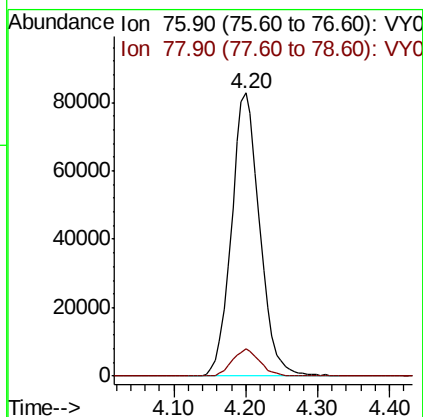
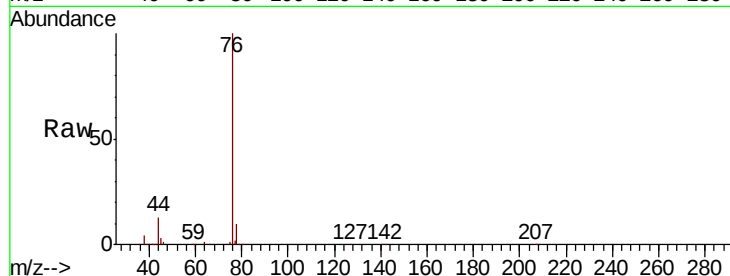




#17
Carbon Disulfide
Concen: 19.411 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

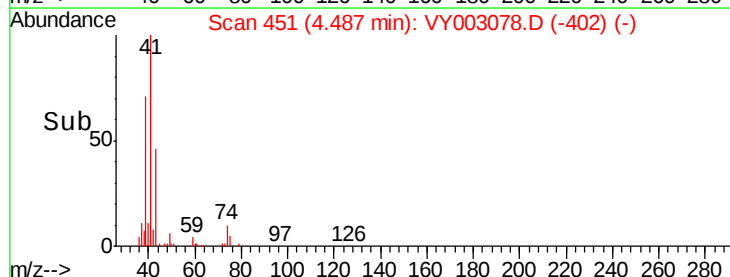
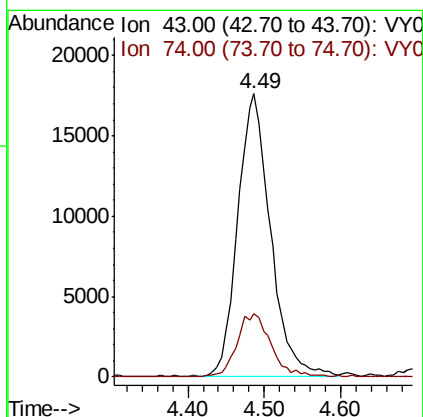
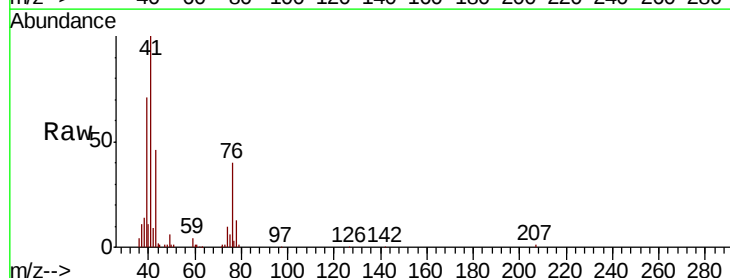
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

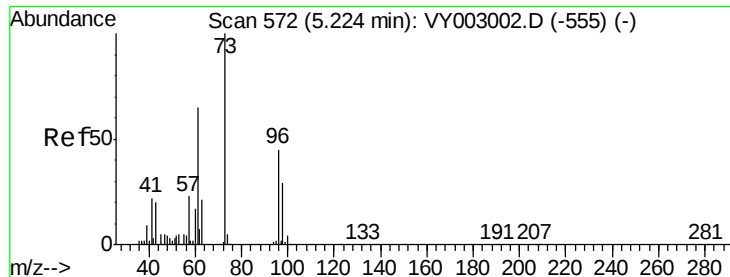
Tot Ion: 76 Resp: 225422
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 19.893 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 43 Resp: 52606
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4



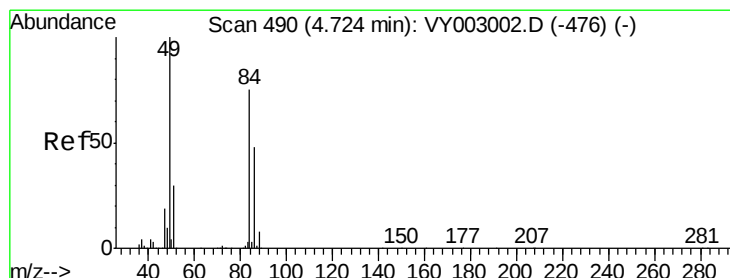
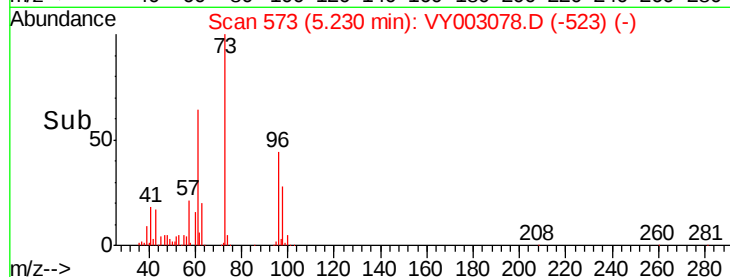
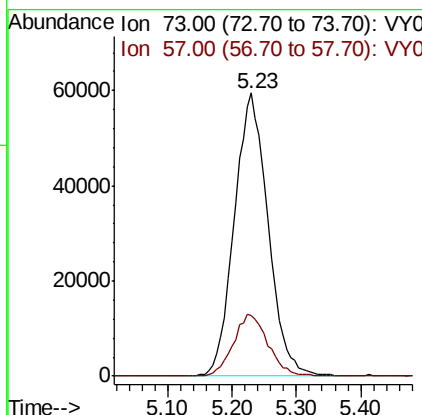
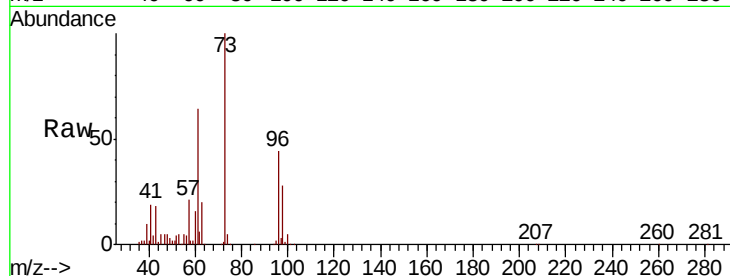


#19

Methvl tert-butvl Ether
 Concen: 20.353 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

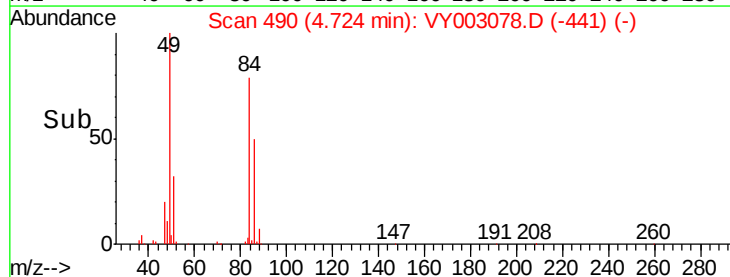
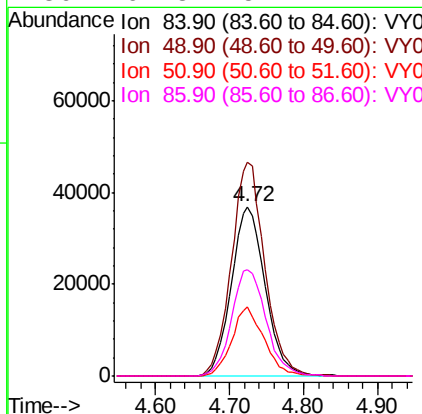
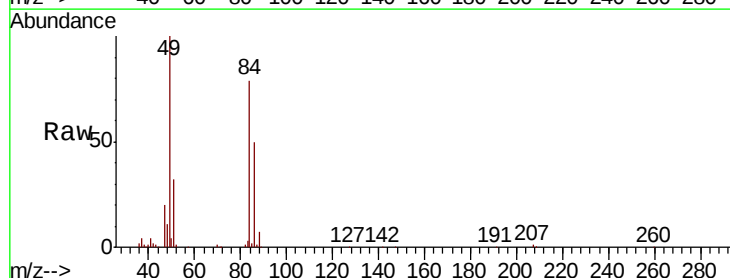
Tot Ion: 73 Resp: 215642
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.2 27.2

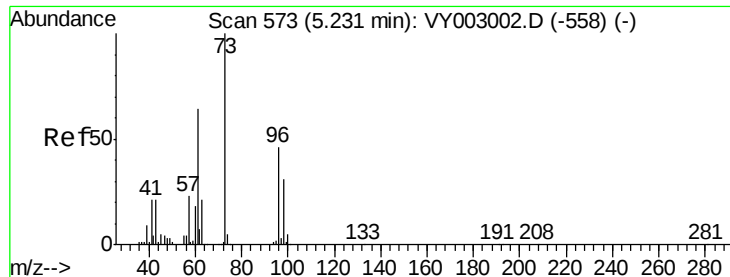


#20

Methylene Chloride
 Concen: 22.978 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 84 Resp: 117145
 Ion Ratio Lower Upper
 84 100
 49 126.3 106.8 160.2
 51 40.9 32.0 48.0
 86 62.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.223 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

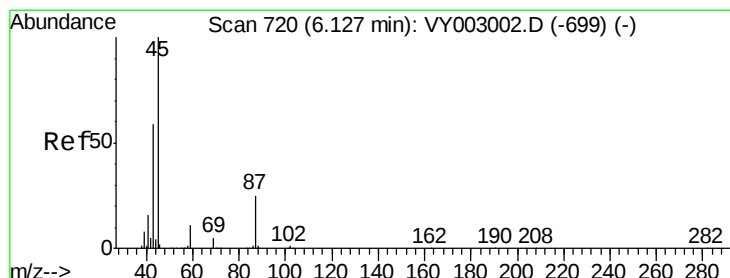
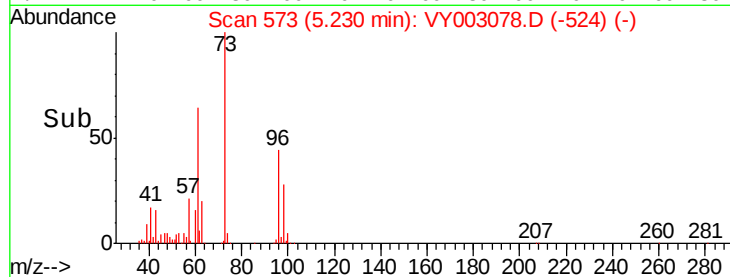
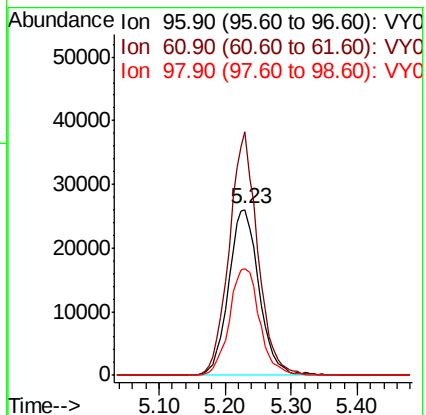
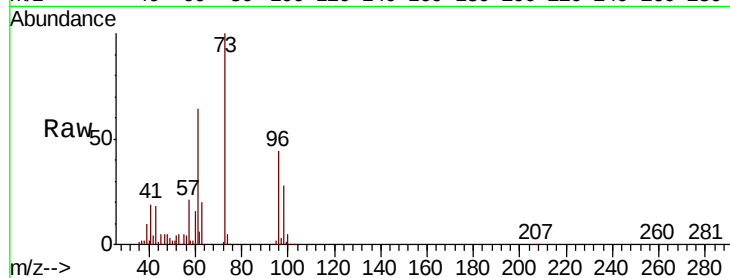
Tot Ion: 96 Resp: 83146

Ion Ratio Lower Upper

96 100

61 146.6 112.3 168.5

98 64.5 53.8 80.8



#22

Diisopropyl ether

Concen: 19.719 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion: 45 Resp: 268214

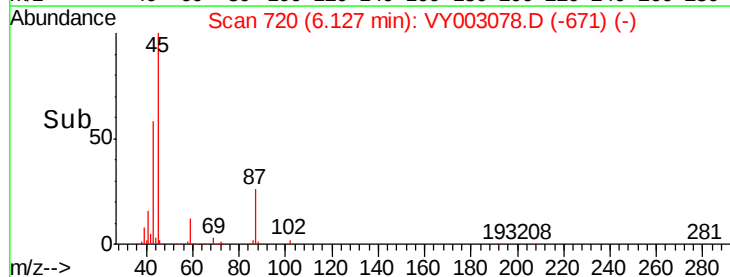
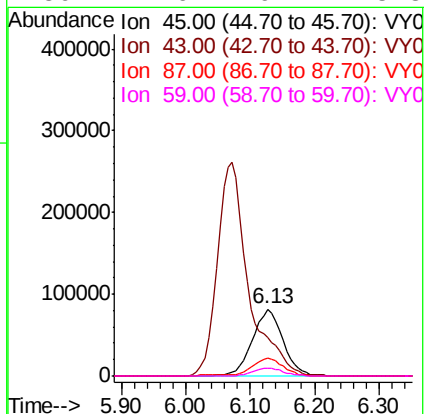
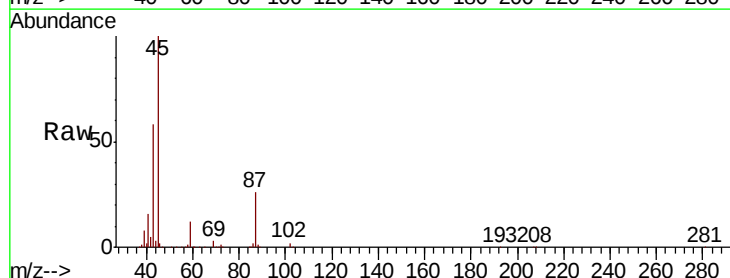
Ion Ratio Lower Upper

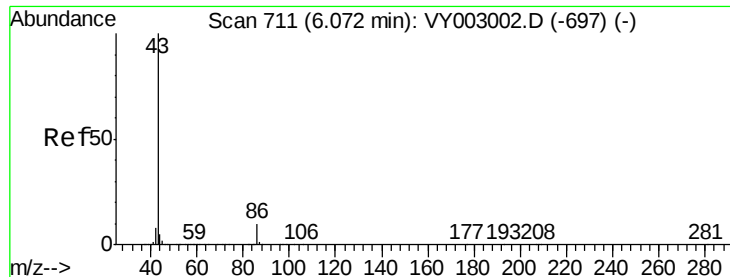
45 100

43 57.1 47.4 71.2

87 26.1 20.2 30.2

59 11.6 9.2 13.8

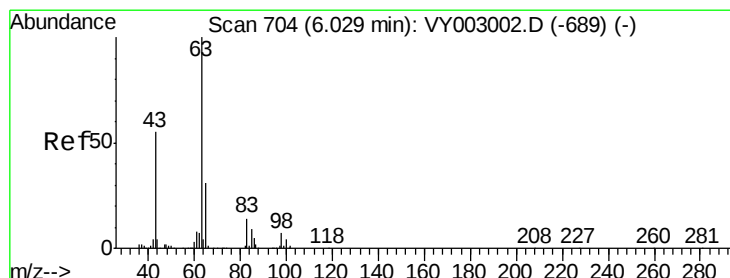
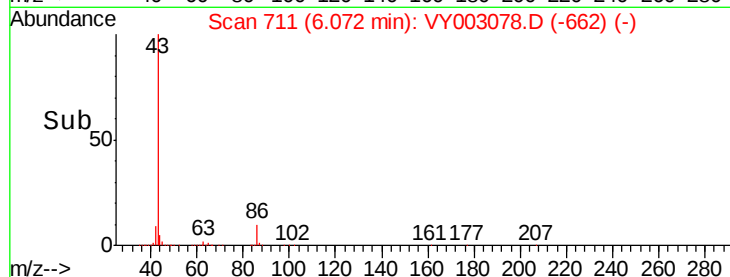
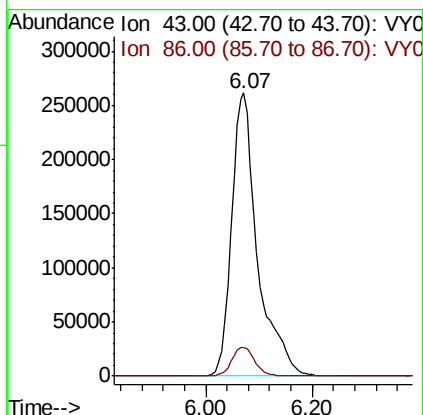
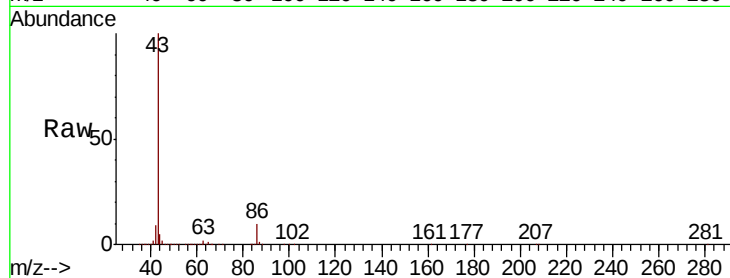




#23
 Vinyl Acetate
 Concen: 97.673 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

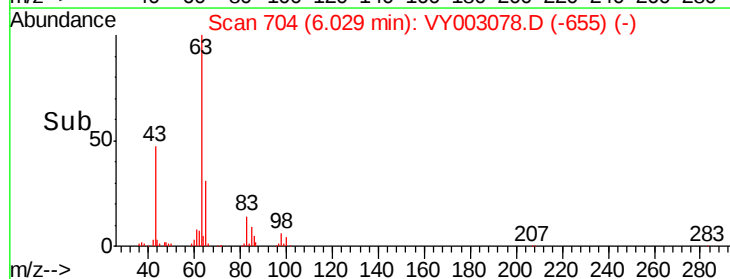
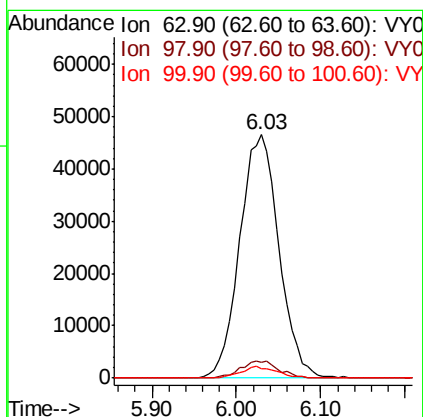
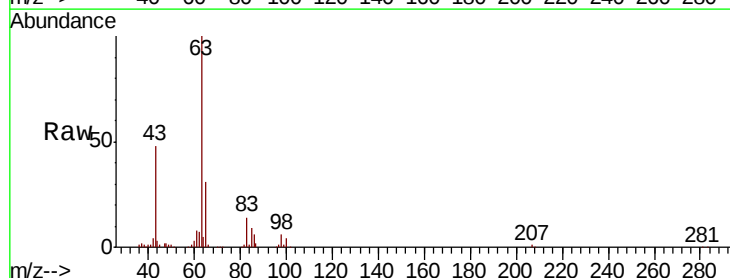
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion: 43 Resp: 888206
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.819 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 63 Resp: 147253
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 3.6 2.3 6.8

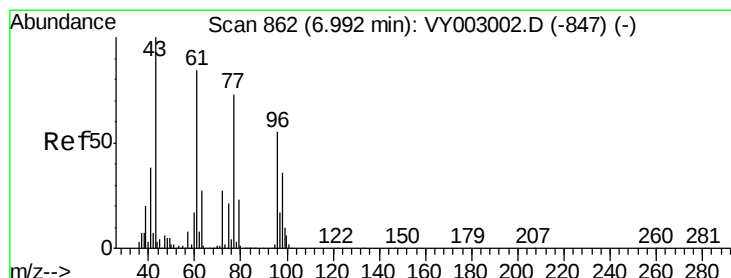
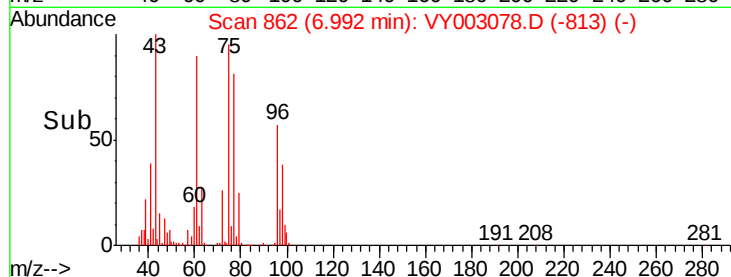
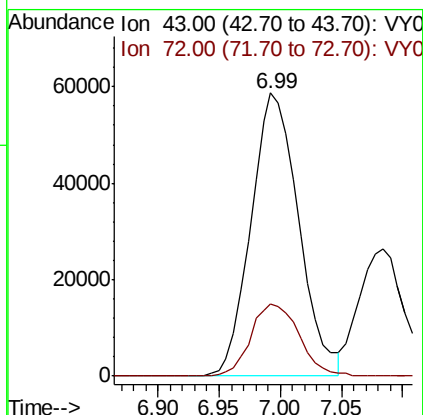
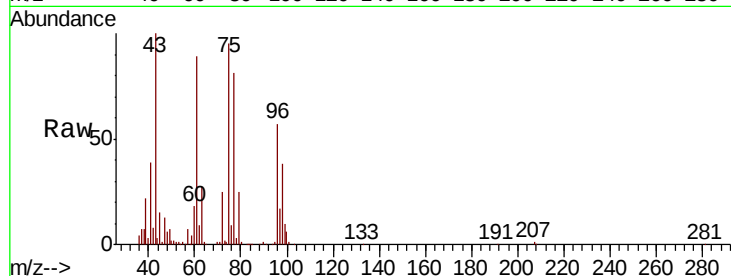




#25
2-Butanone
Concen: 102.353 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

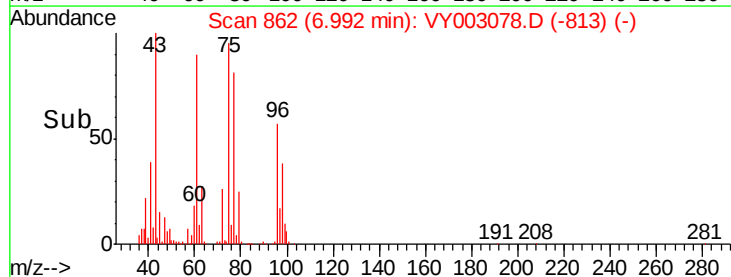
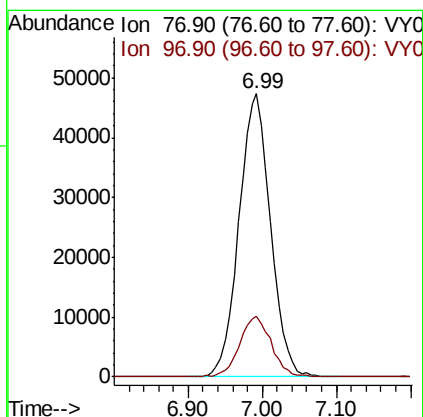
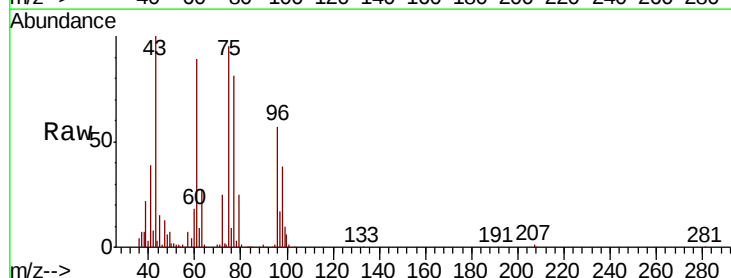
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

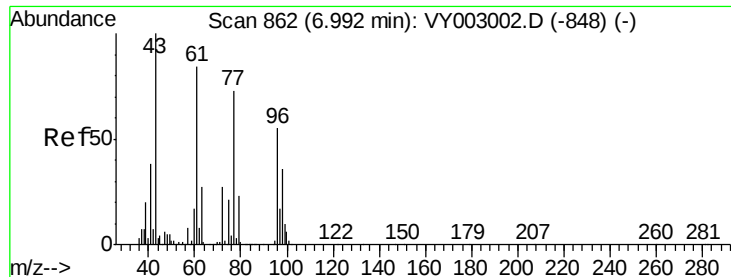
Tot Ion: 43 Resp: 159588
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.796 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 77 Resp: 140385
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.9



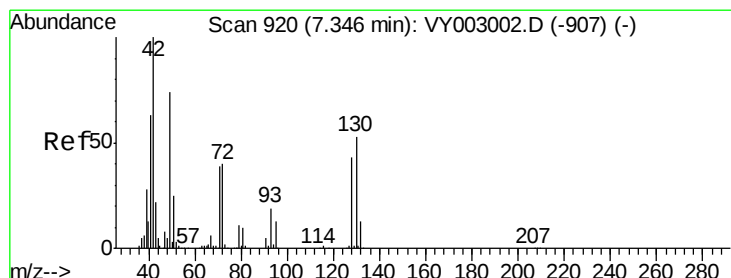
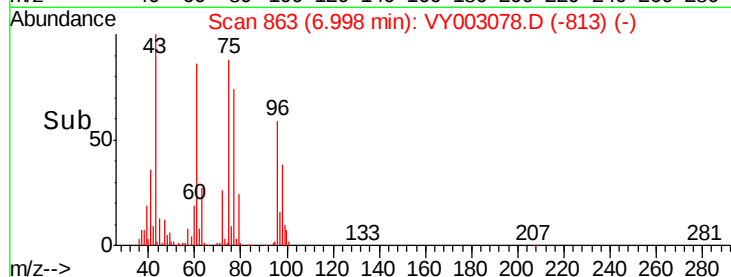
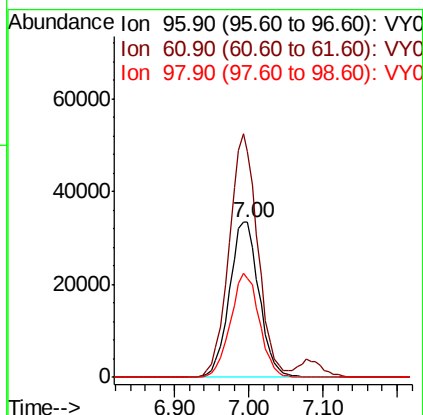
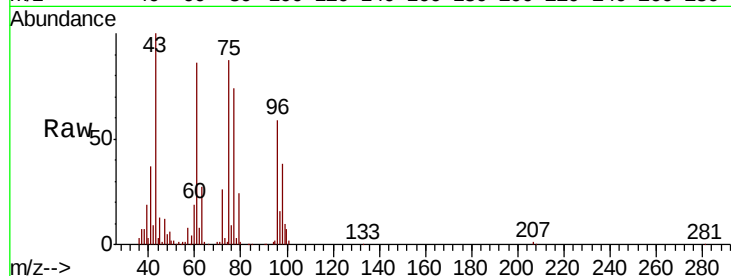


#27

cis-1,2-Dichloroethene
 Concen: 20.268 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

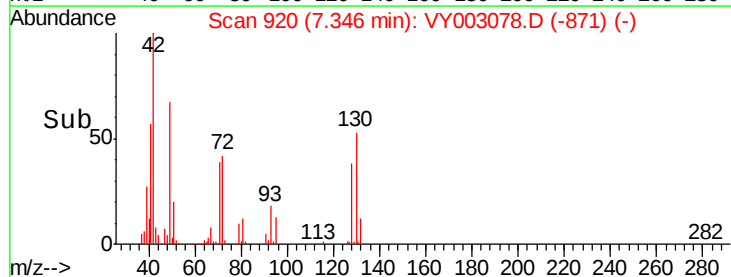
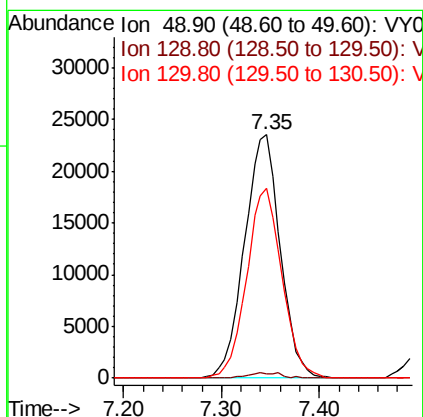
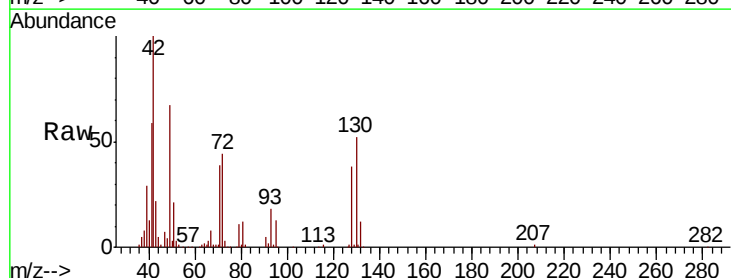
Tot Ion: 96 Resp: 93466
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.2
 98 65.1 0.0 129.0

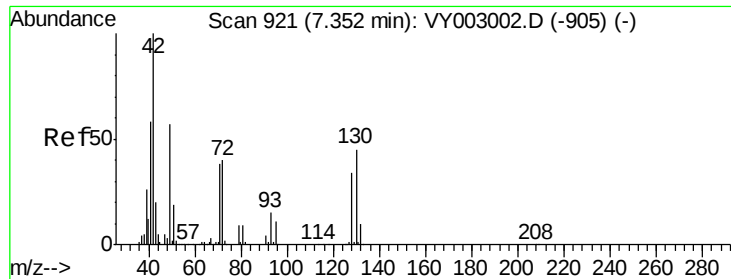


#28

Bromochloromethane
 Concen: 18.061 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 49 Resp: 59708
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 76.8 57.0 85.6

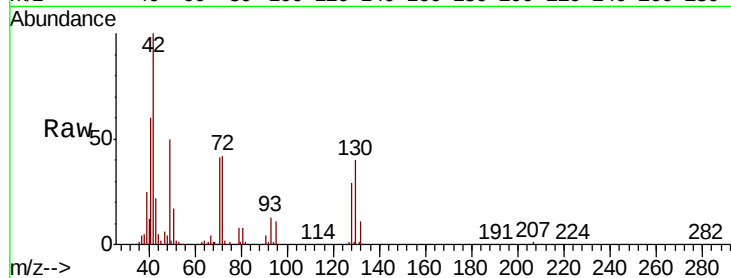




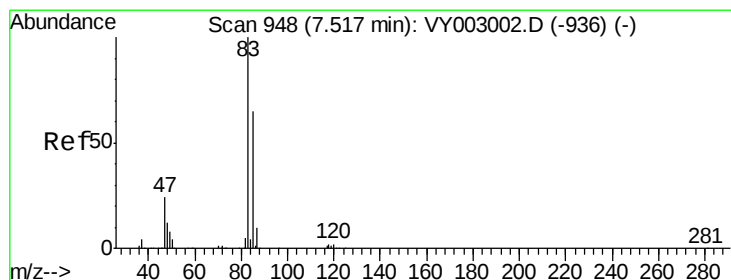
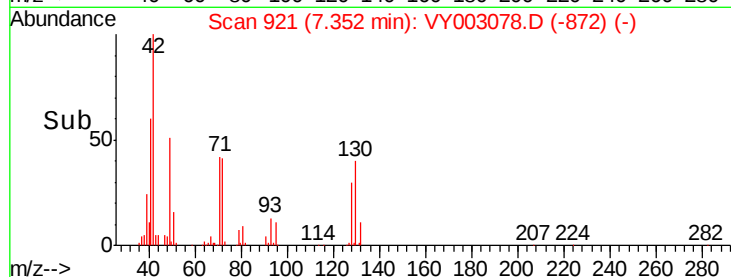
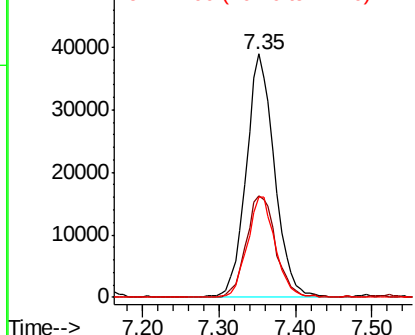
#29
Tetrahydrofuran
Concen: 96.849 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion: 42 Resp: 100420
Ion Ratio Lower Upper
42 100
72 43.4 32.9 49.3
71 40.5 31.2 46.8

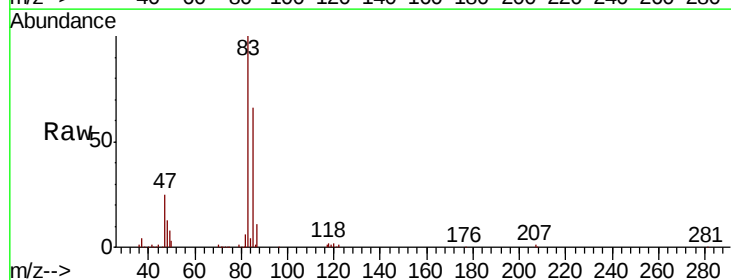


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

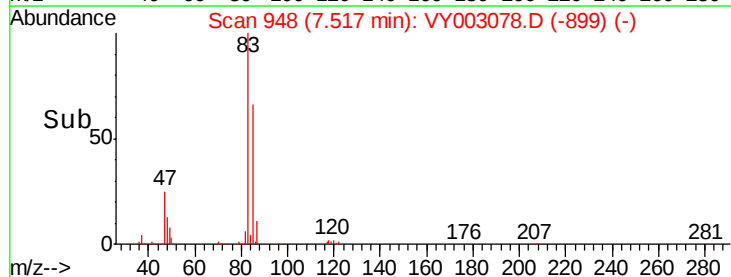
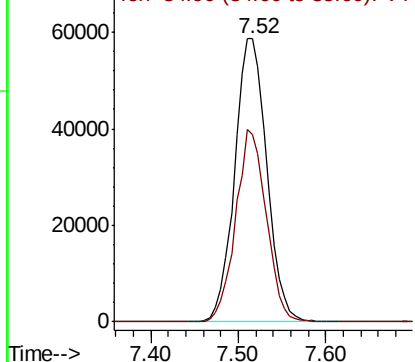


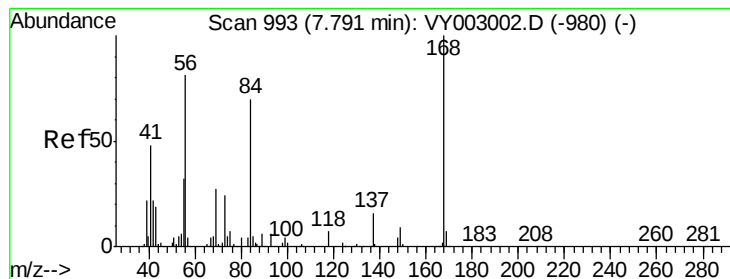
#30
Chloroform
Concen: 20.298 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 83 Resp: 149410
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5



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





#31

Cyclohexane

Concen: 19.561 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

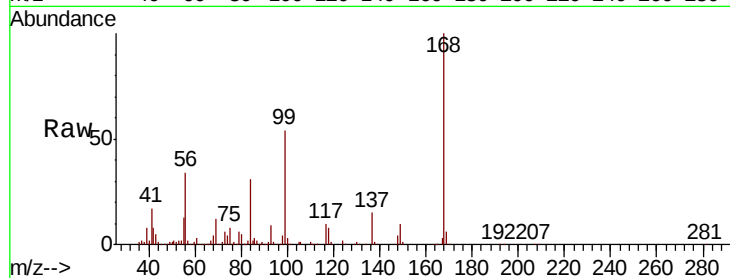
Tot Ion: 56 Resp: 143183

Ion Ratio Lower Upper

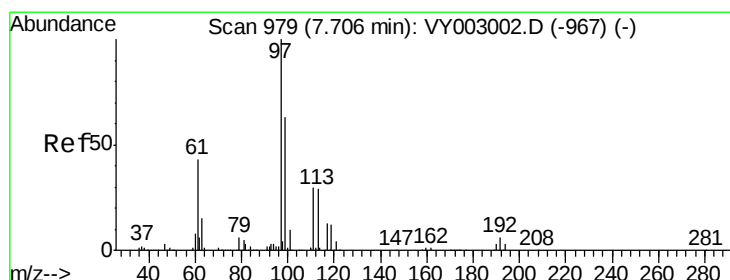
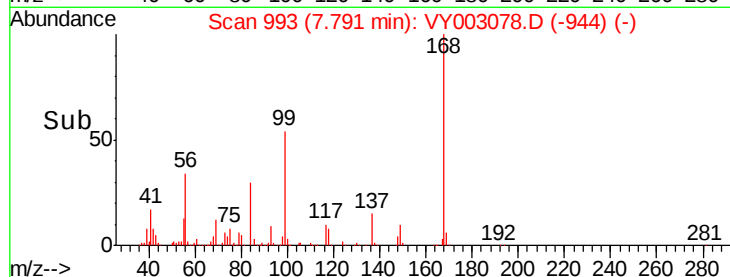
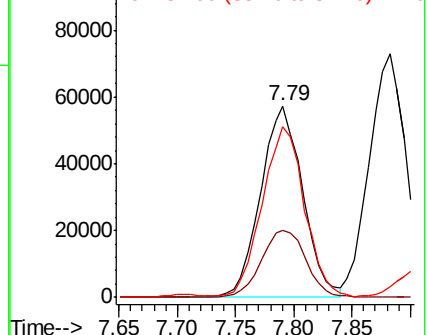
56 100

69 35.0 27.0 40.4

84 87.4 68.1 102.1



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: 20.142 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

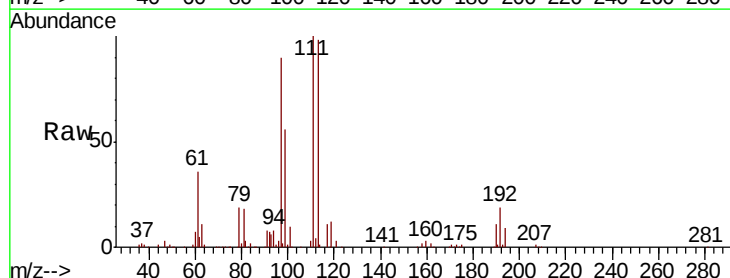
Tgt Ion: 97 Resp: 135333

Ion Ratio Lower Upper

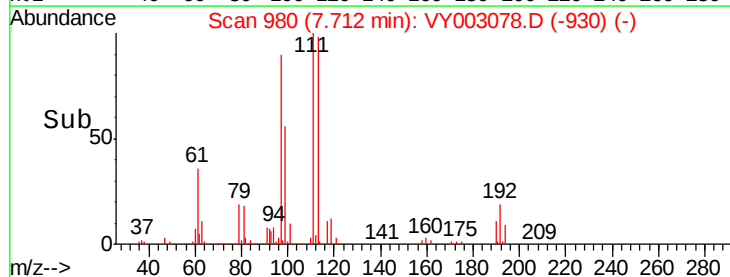
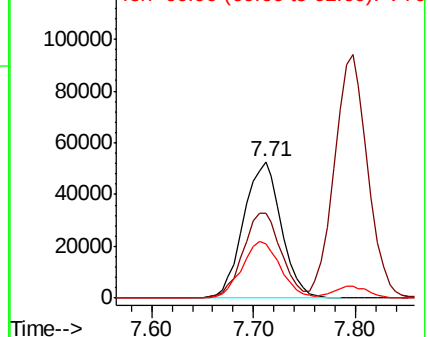
97 100

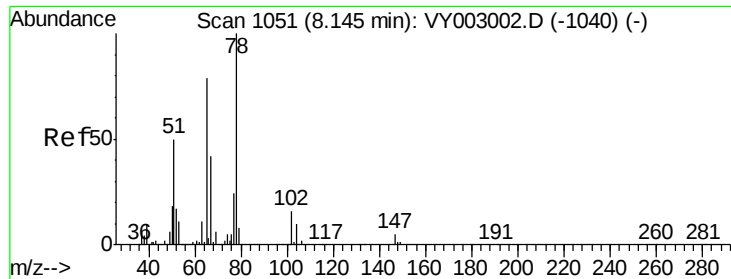
99 63.7 51.4 77.2

61 41.9 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

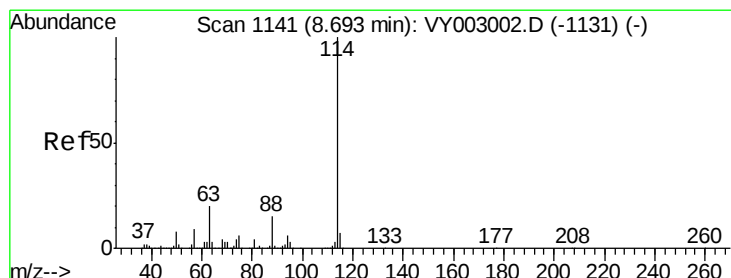
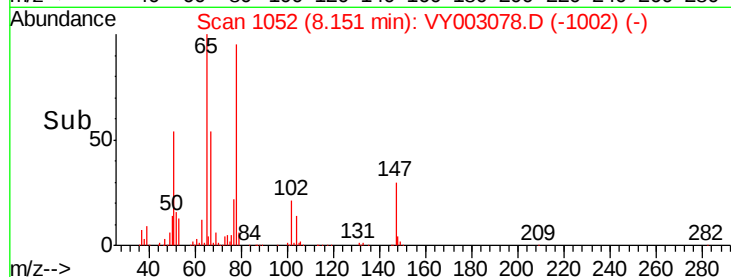
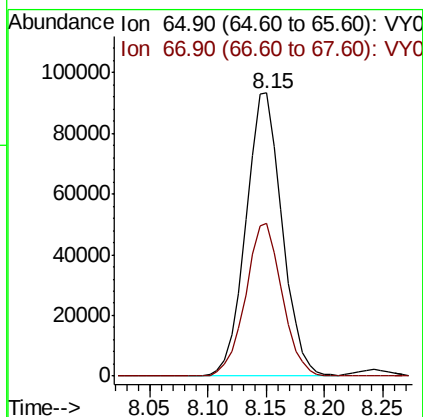
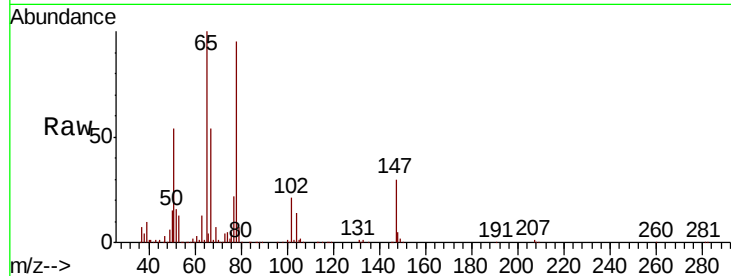




#33
 1,2-Dichloroethane-d4
 Concen: 48.530 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

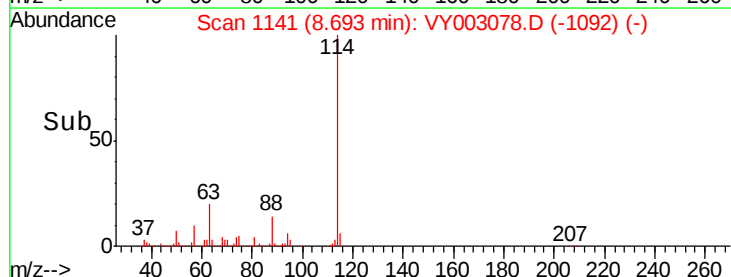
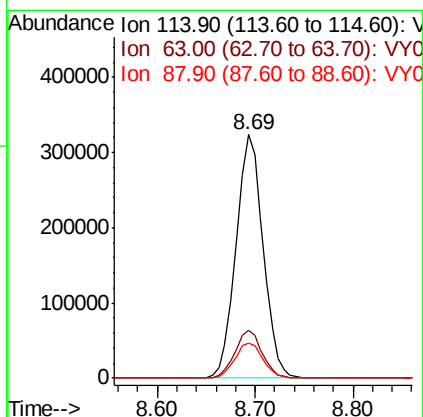
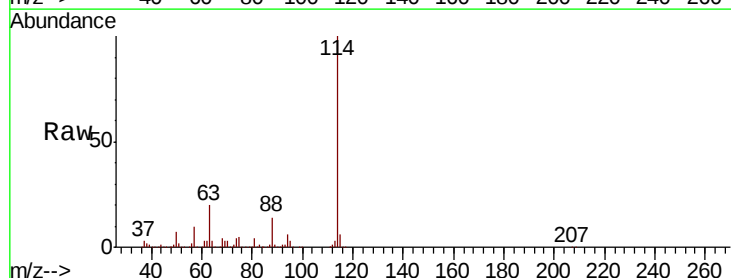
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

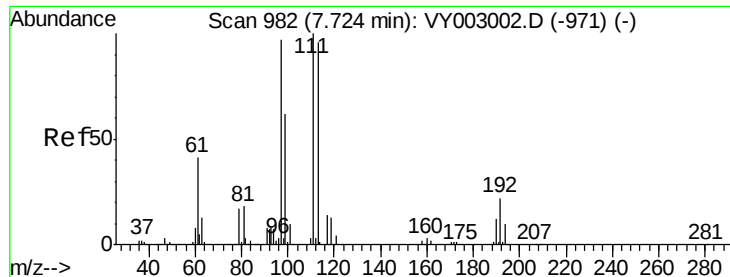
Tot Ion: 65 Resp: 201973
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 114 Resp: 621752
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 14.4 0.0 30.0

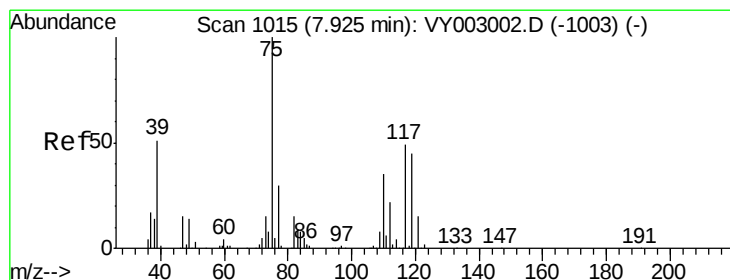
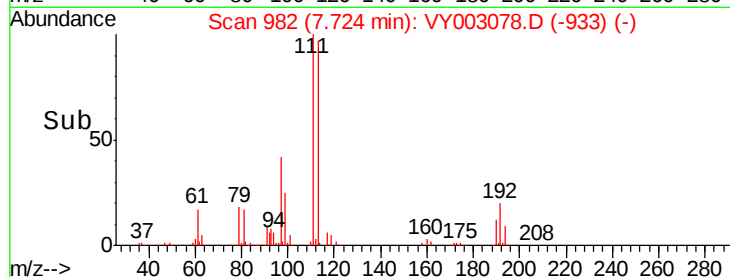
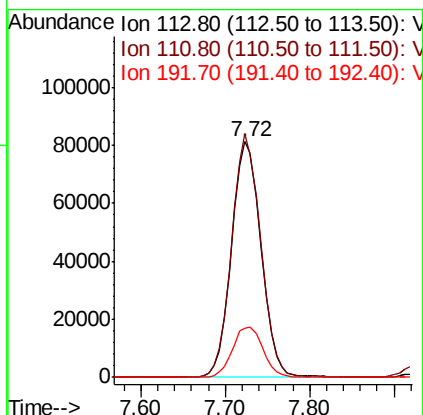
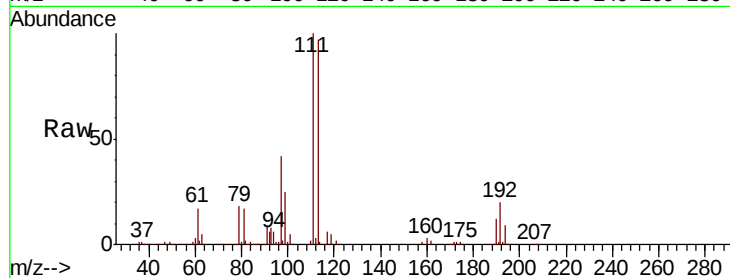




#35
 Dibromofluoromethane
 Concen: 49.557 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

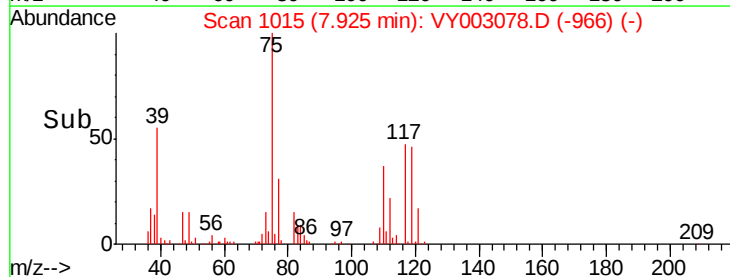
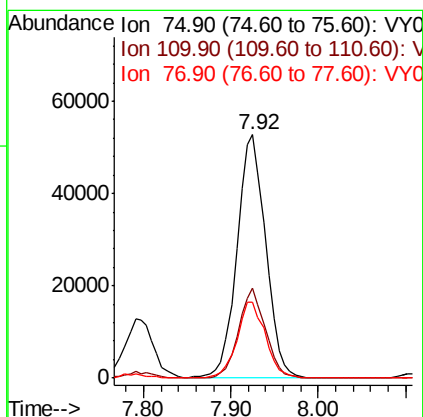
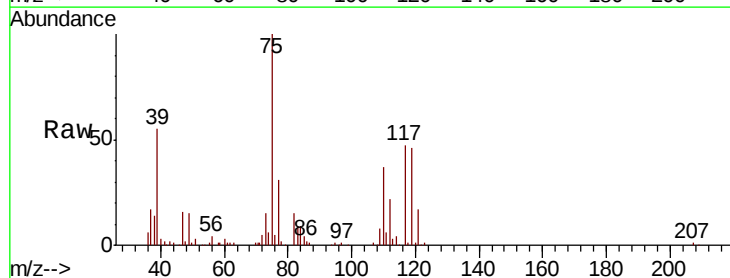
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

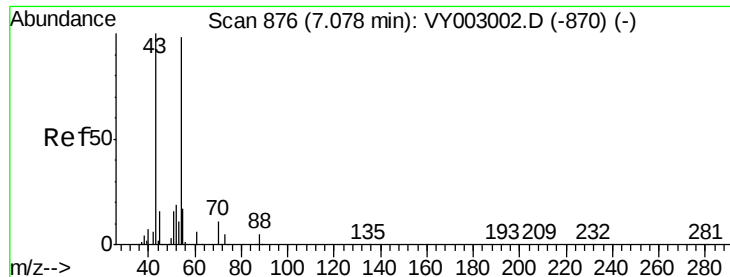
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	21.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 20.097 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.2
77	31.1	24.9	37.3

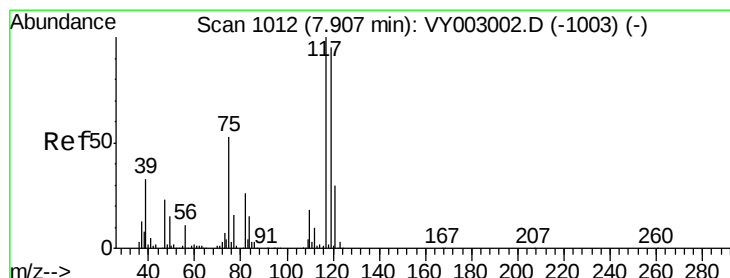
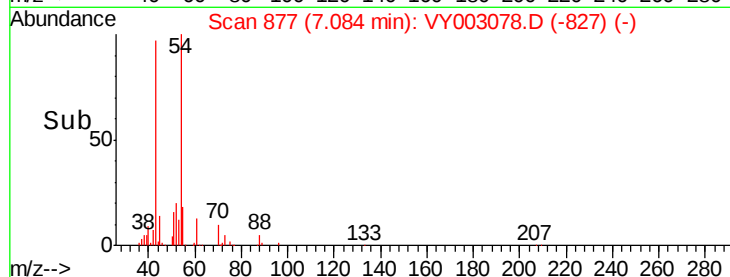
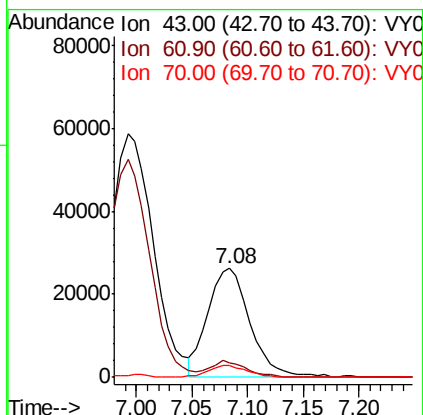
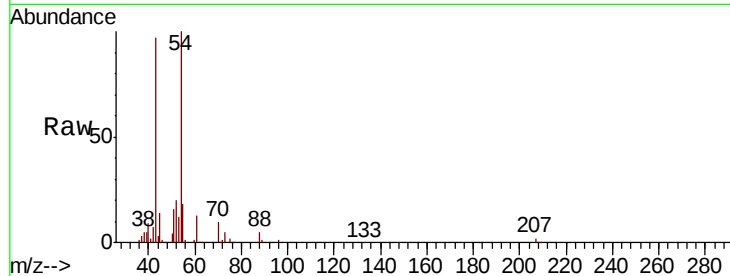




#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

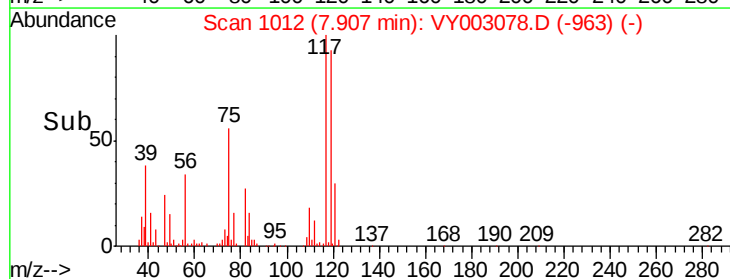
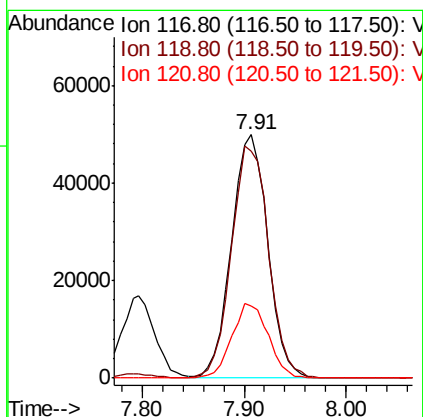
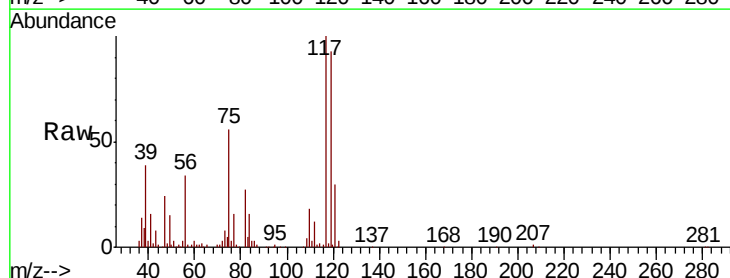
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

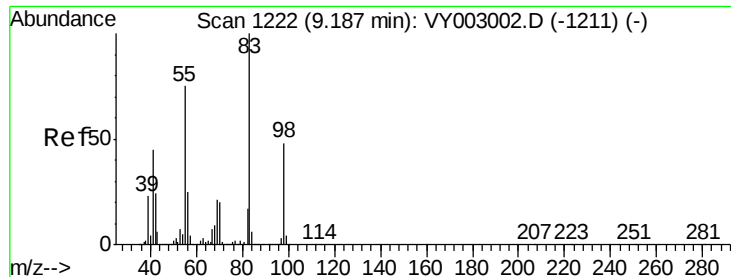
Tot Ion: 43 Resp: 68368
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.773 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 117 Resp: 123210
Ion Ratio Lower Upper
117 100
119 93.2 75.7 113.5
121 29.6 23.9 35.9

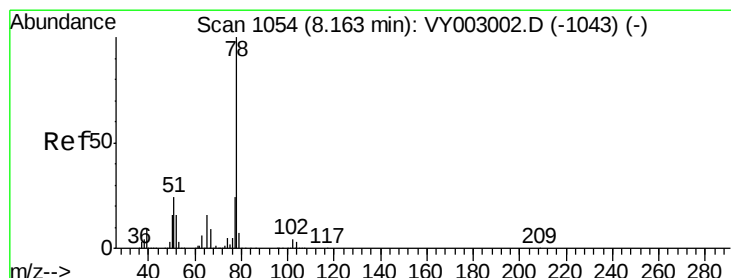
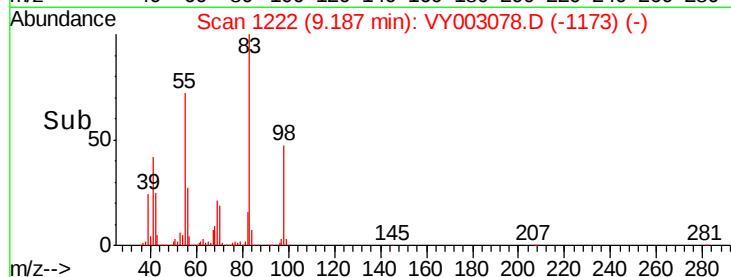
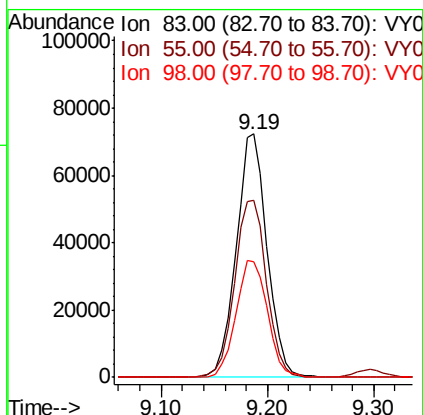
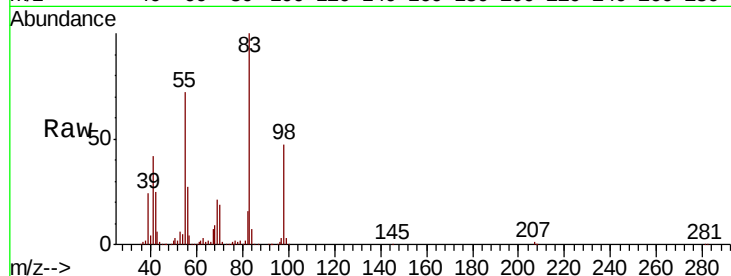




#39
Methvlcvclohexane
Concen: 19.781 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

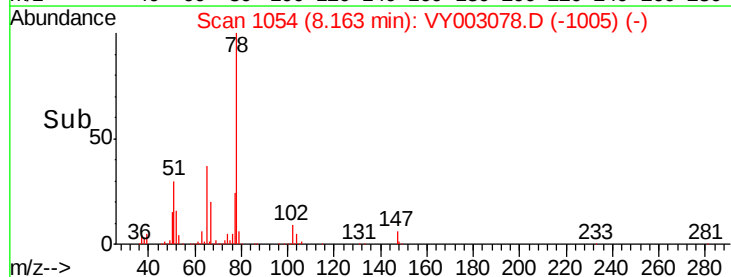
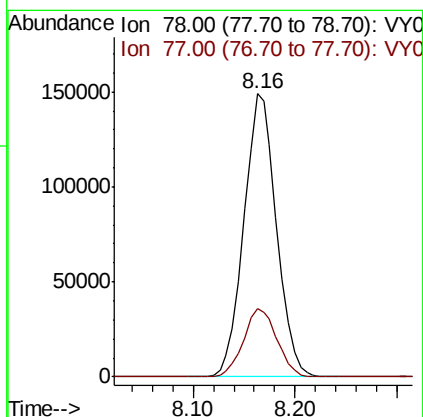
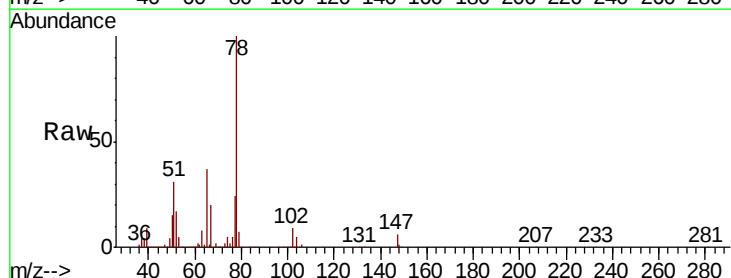
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

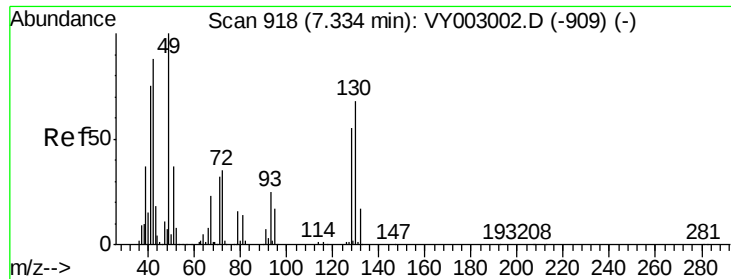
Tot Ion: 83 Resp: 146882
Ion Ratio Lower Upper
83 100
55 72.4 59.9 89.9
98 47.4 38.7 58.1



#40
Benzene
Concen: 20.115 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 78 Resp: 329813
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

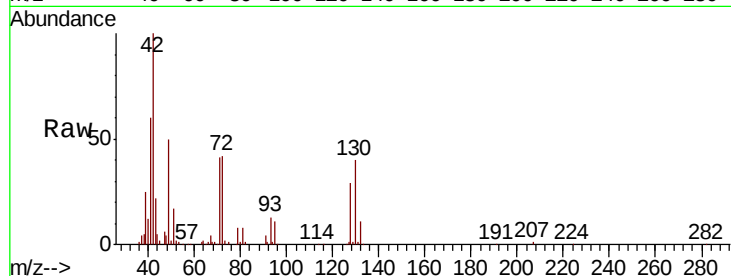




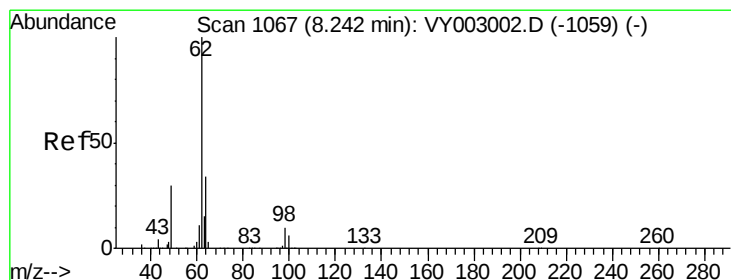
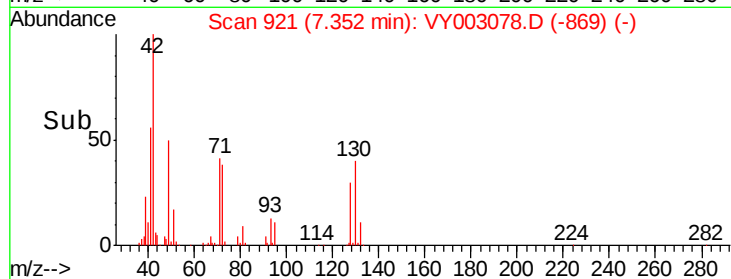
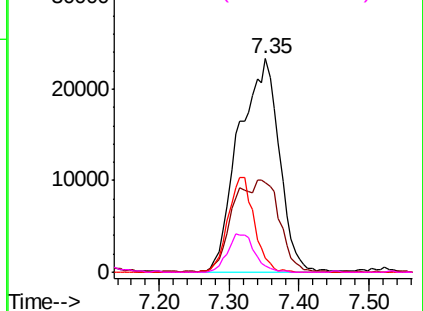
#41
Methacrylonitrile
Concen: 48.799 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion: 41 Resp: 93866
Ion Ratio Lower Upper
41 100
39 0.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

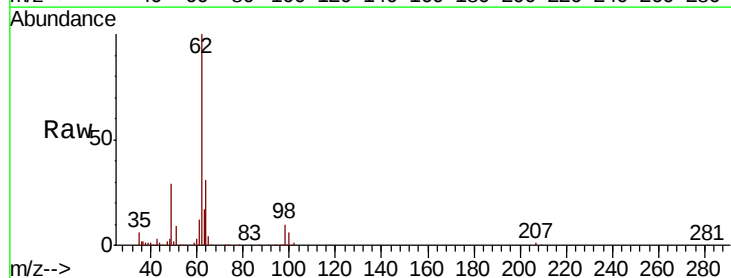


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

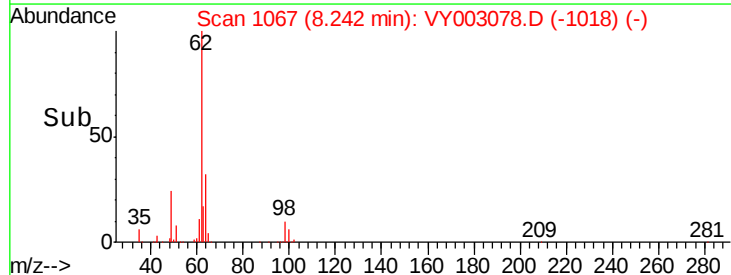
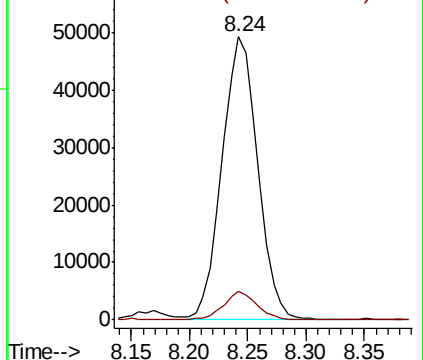


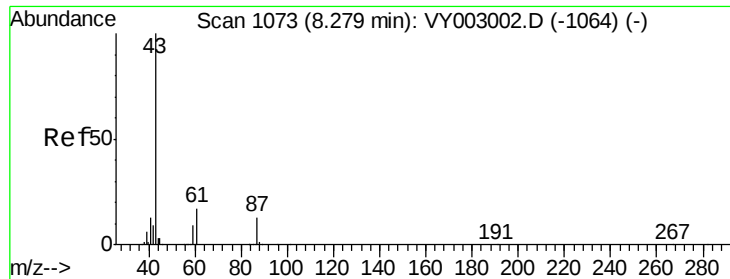
#42
1,2-Dichloroethane
Concen: 20.184 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 62 Resp: 104692
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 19.518 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

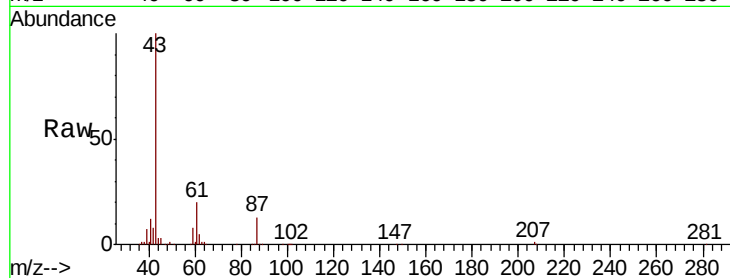
Tot Ion: 43 Resp: 133608

Ion Ratio Lower Upper

43 100

61 28.9 21.8 32.6

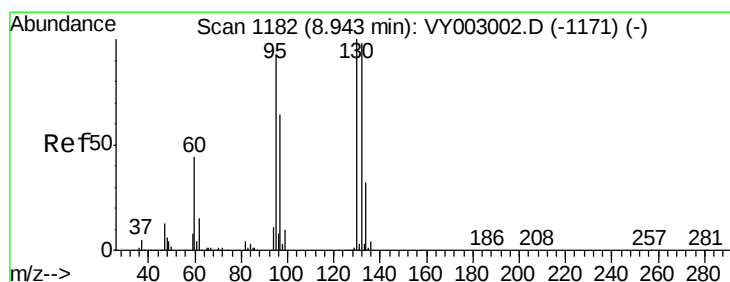
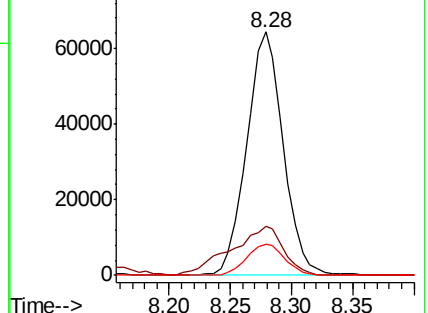
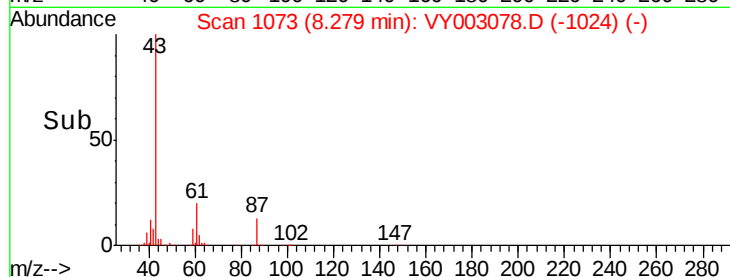
87 13.6 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003078.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003078.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003078.D (-1024) (-)



#44

Trichloroethene

Concen: 20.055 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003078.D

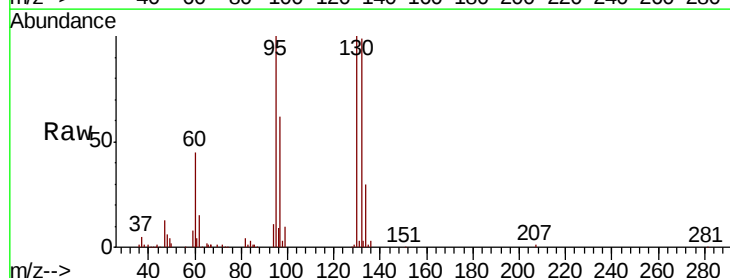
Acq: 02 Jul 2020 12:09

Tgt Ion: 130 Resp: 95575

Ion Ratio Lower Upper

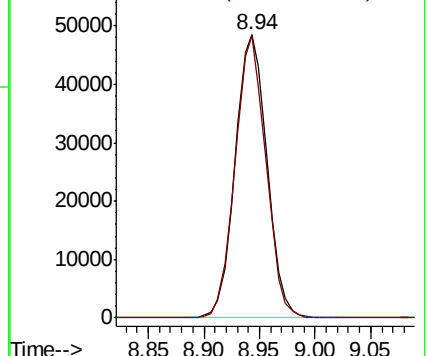
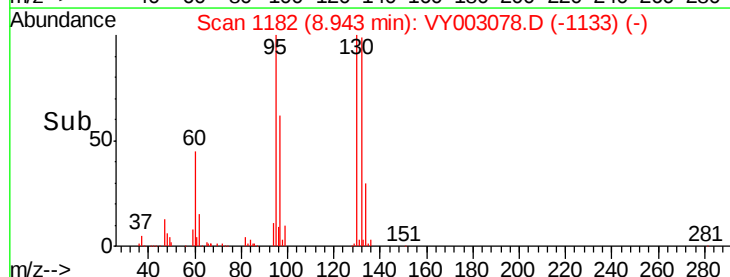
130 100

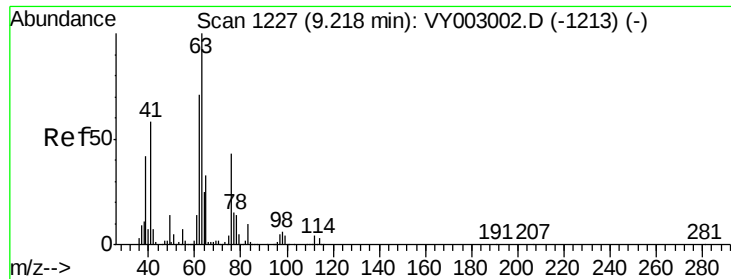
95 99.6 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003078.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003078.D (-1133) (-)

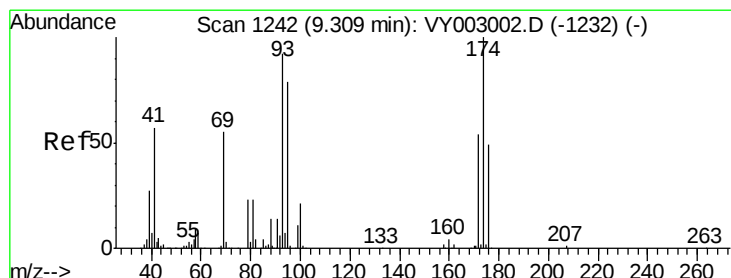
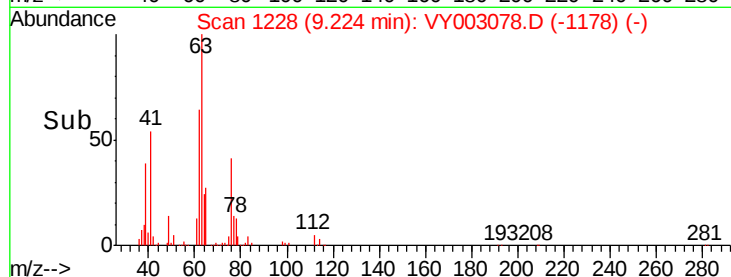
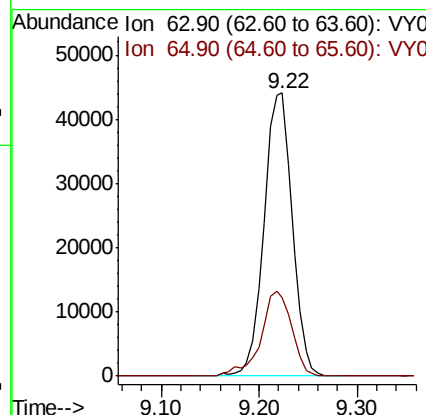
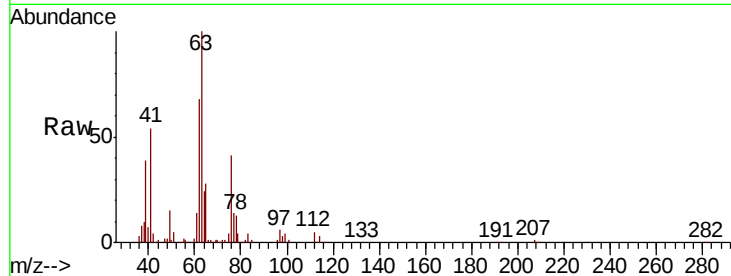




#45
 1,2-Dichloropropane
 Concen: 20.067 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

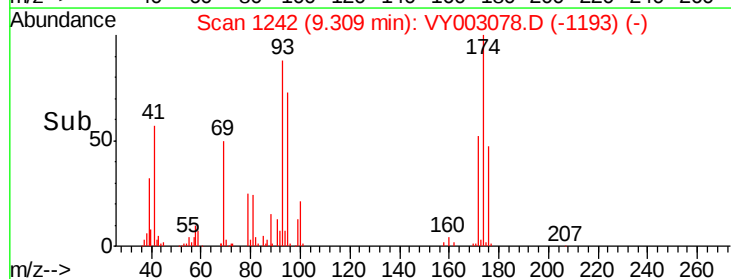
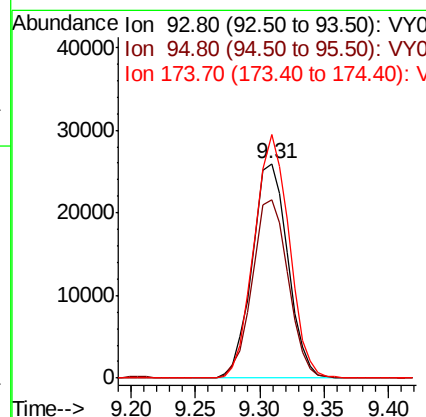
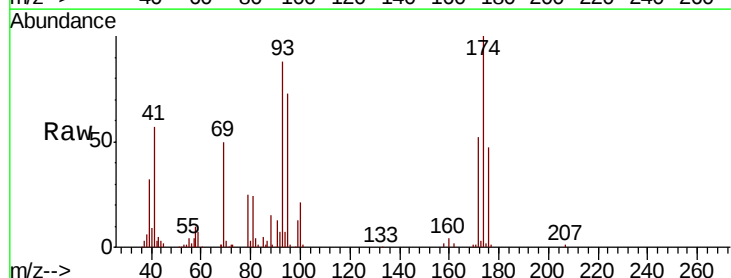
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

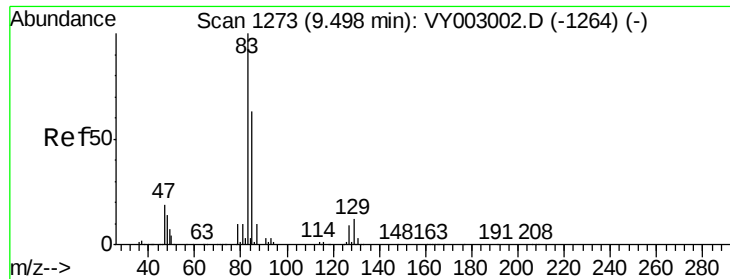
Tot Ion: 63 Resp: 88517
 Ion Ratio Lower Upper
 63 100
 65 27.6 26.2 39.4



#46
 Dibromomethane
 Concen: 20.171 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 93 Resp: 49695
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.6 101.4
 174 111.2 88.3 132.5





#47

Bromodichloromethane

Concen: 20.322 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

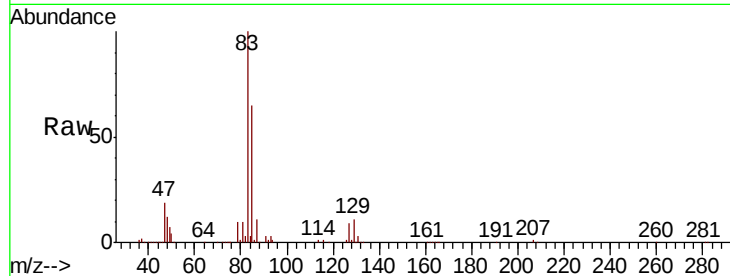
Tot Ion: 83 Resp: 122596

Ion Ratio Lower Upper

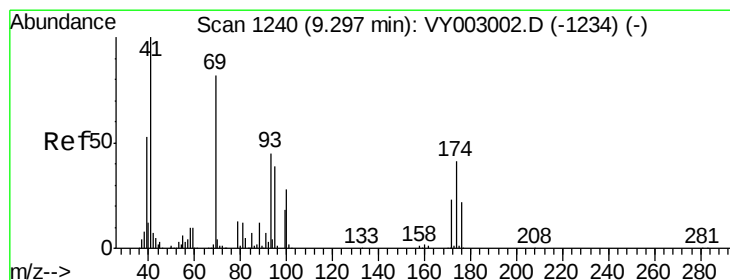
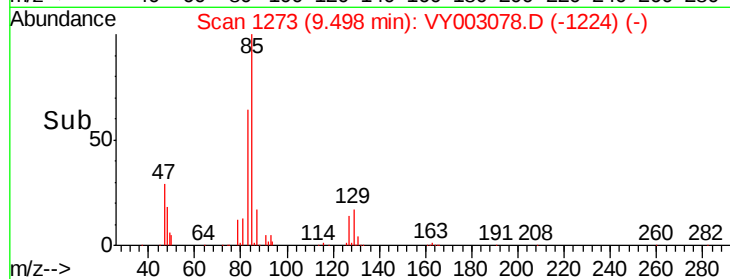
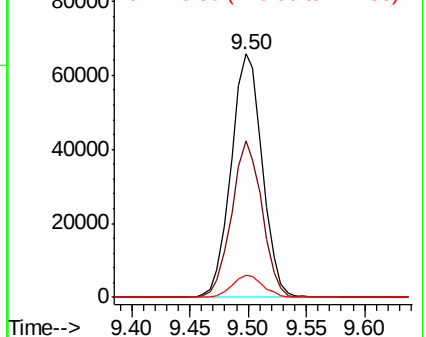
83 100

85 64.6 50.5 75.7

127 9.1 7.0 10.4



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



#48

Methyl methacrylate

Concen: 18.879 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

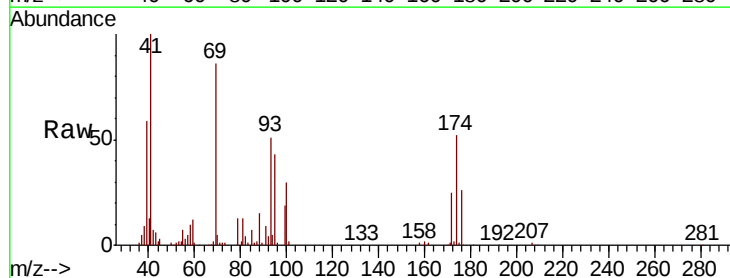
Tgt Ion: 41 Resp: 58824

Ion Ratio Lower Upper

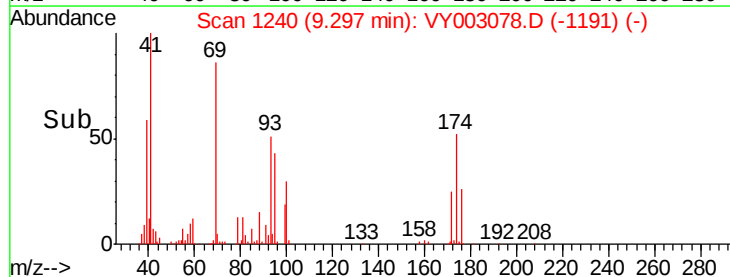
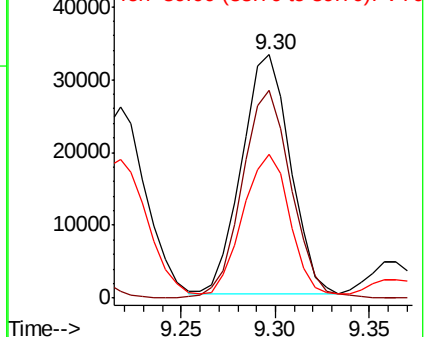
41 100

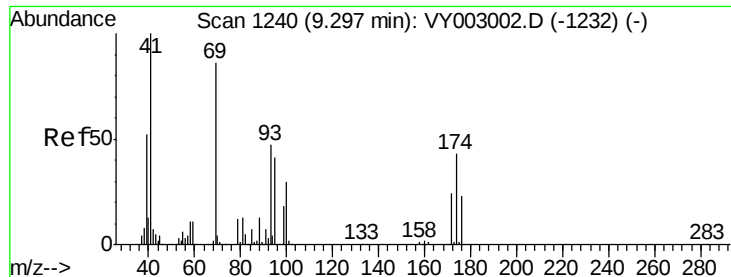
69 87.6 67.7 101.5

39 59.5 45.0 67.4



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

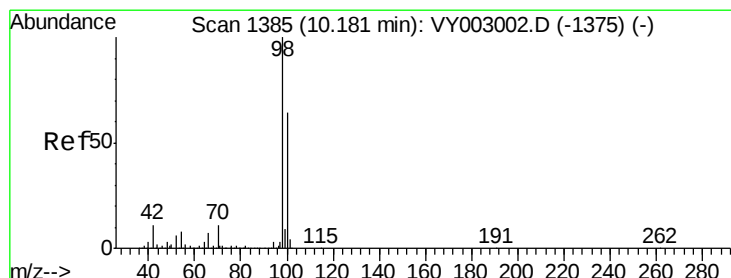
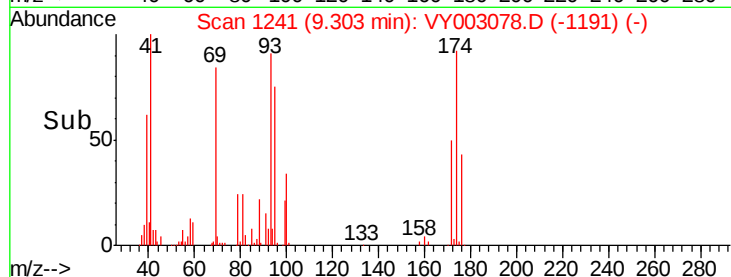
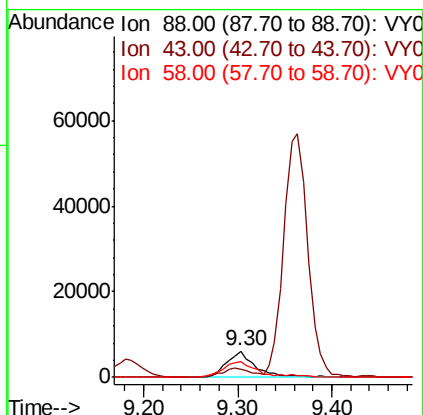
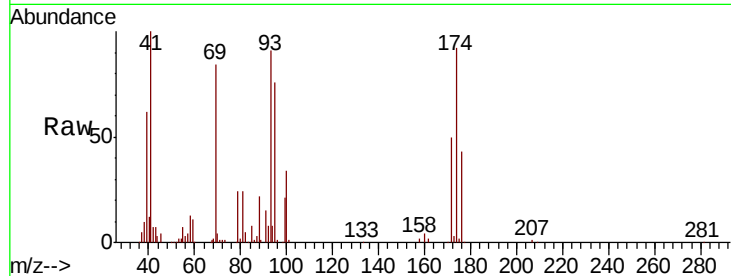




#49
1,4-Dioxane
Concen: 436.017 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

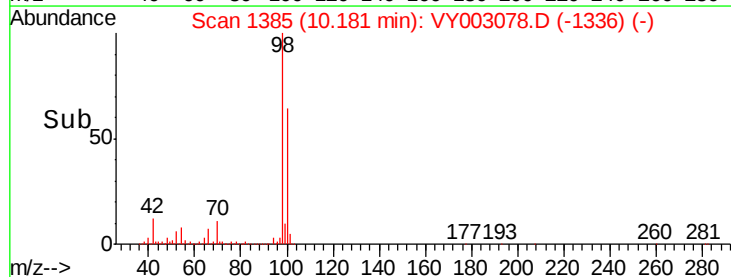
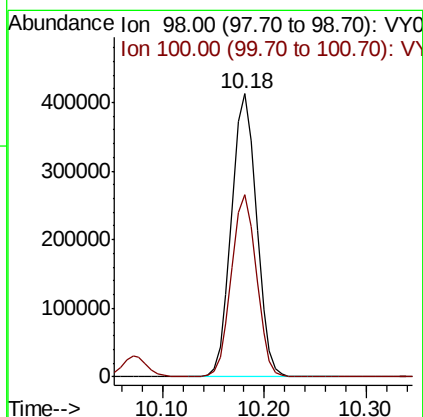
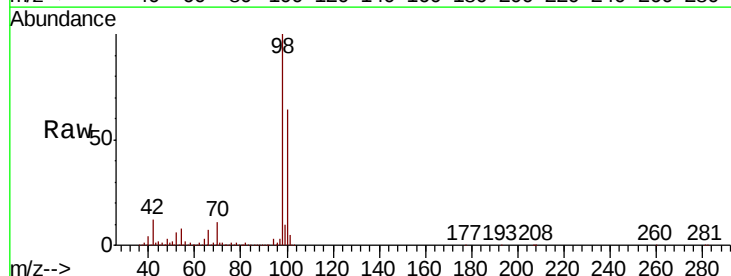
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

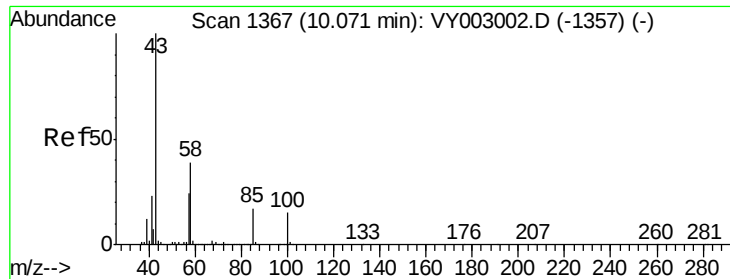
Tot Ion: 88 Resp: 13113
Ion Ratio Lower Upper
88 100
43 33.2 28.6 42.8
58 66.6 56.7 85.1



#50
Toluene-d8
Concen: 48.572 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 98 Resp: 701839
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 97.493 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

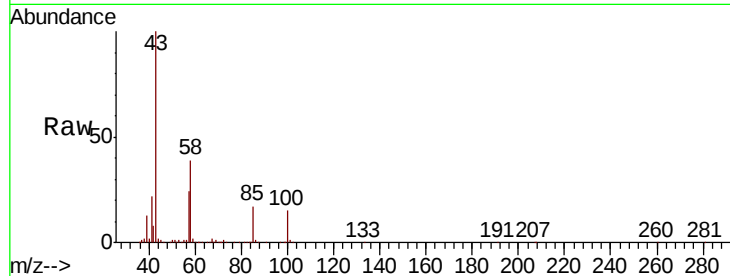
VY0702SBSD01

Tot Ion: 43 Resp: 344944

Ion Ratio Lower Upper

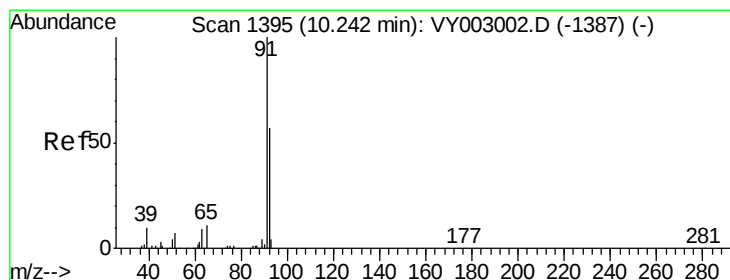
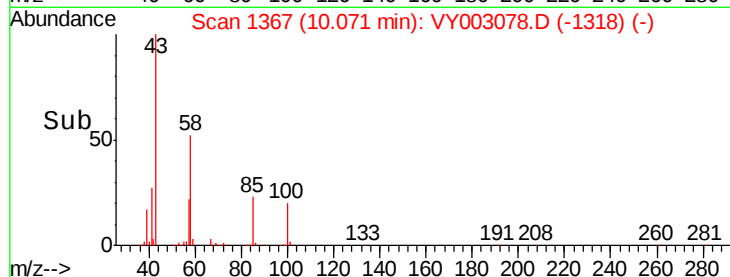
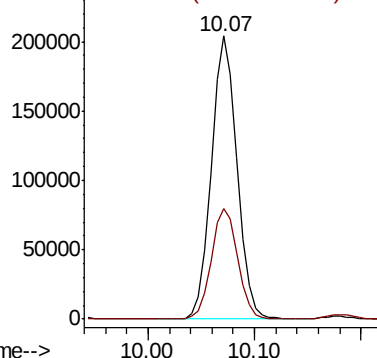
43 100

58 40.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.250 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003078.D

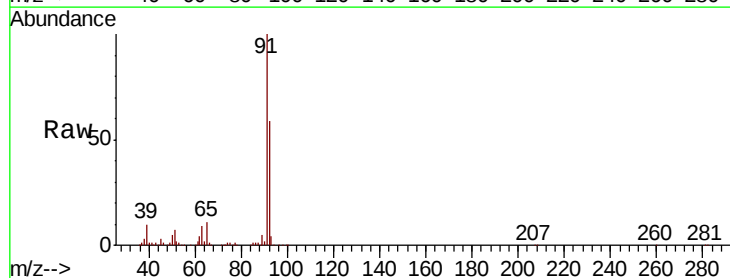
Acq: 02 Jul 2020 12:09

Tgt Ion: 92 Resp: 209006

Ion Ratio Lower Upper

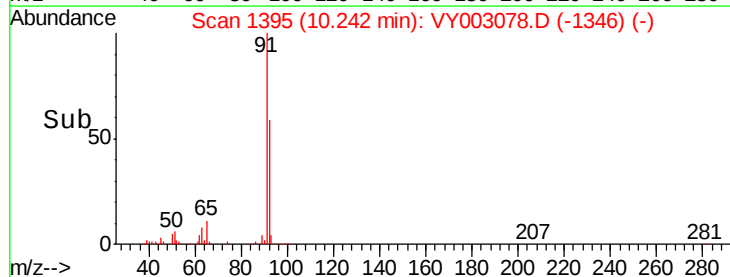
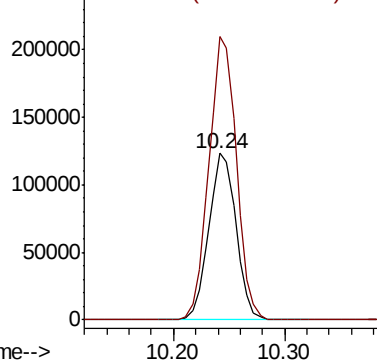
92 100

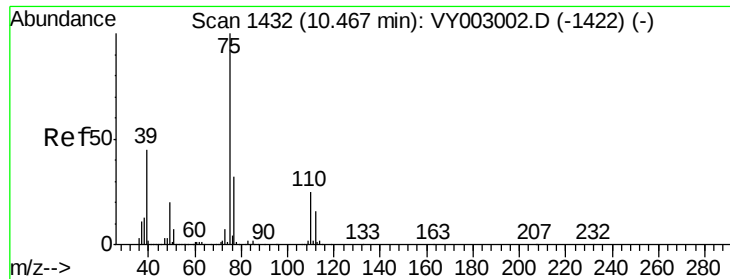
91 172.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.725 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

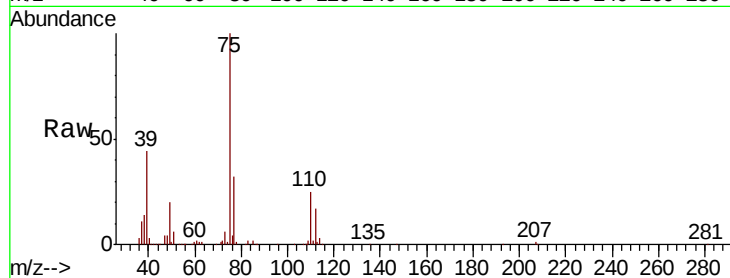
VY0702SBSD01

Tot Ion: 75 Resp: 124756

Ion Ratio Lower Upper

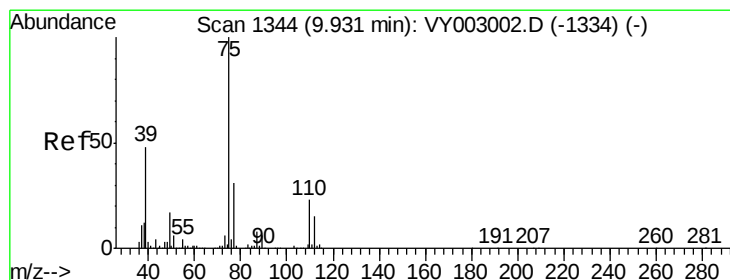
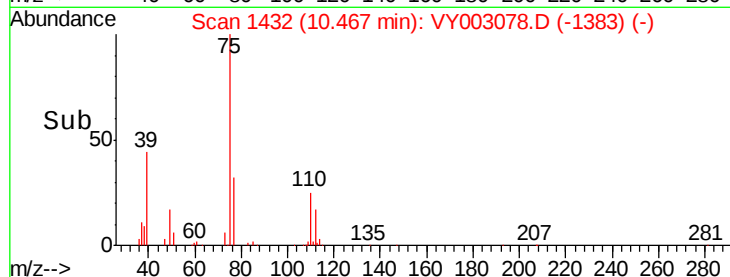
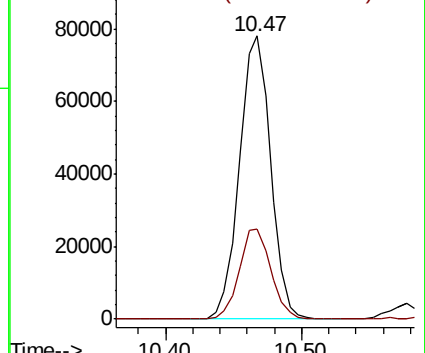
75 100

77 31.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.609 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

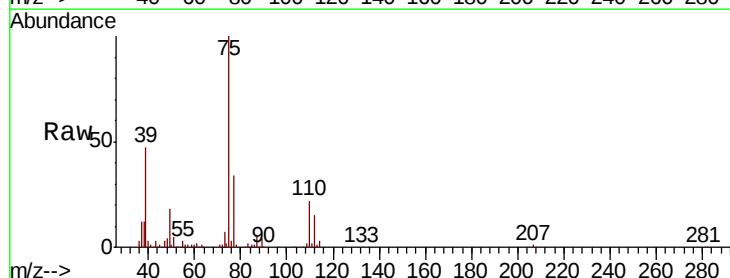
Tgt Ion: 75 Resp: 141839

Ion Ratio Lower Upper

75 100

77 34.0 24.6 37.0

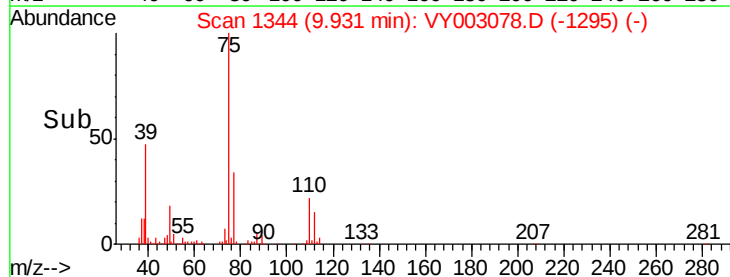
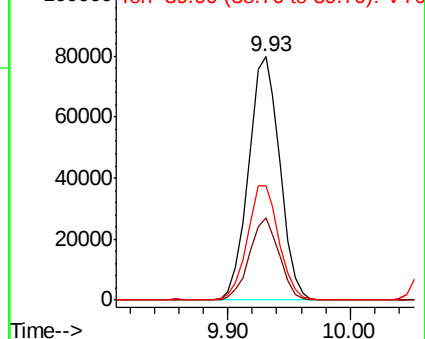
39 47.0 38.3 57.5

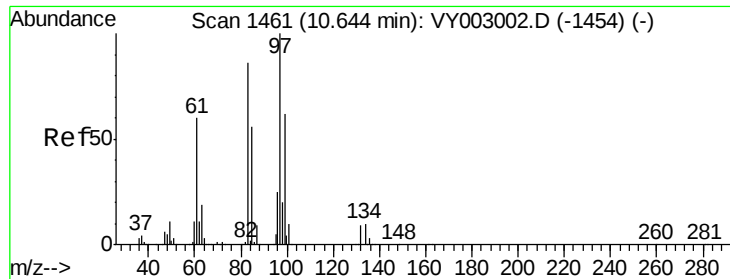


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

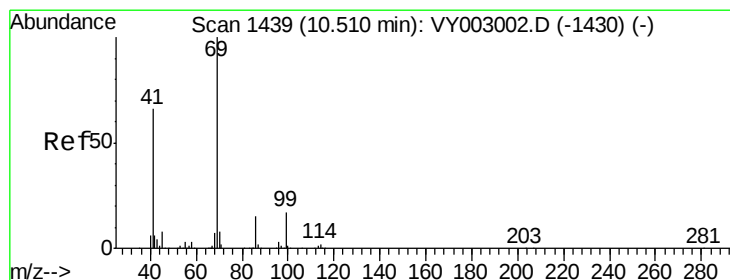
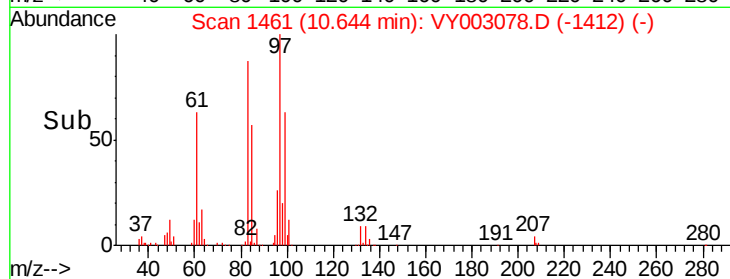
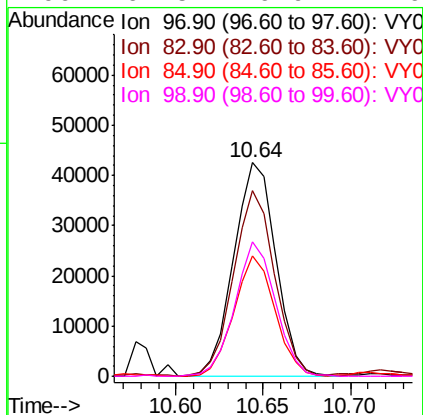
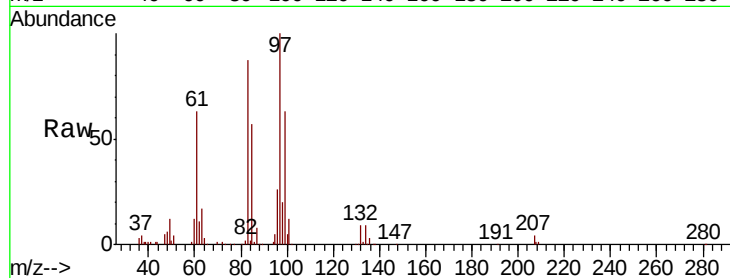




#55
 1,1,2-Trichloroethane
 Concen: 20.851 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

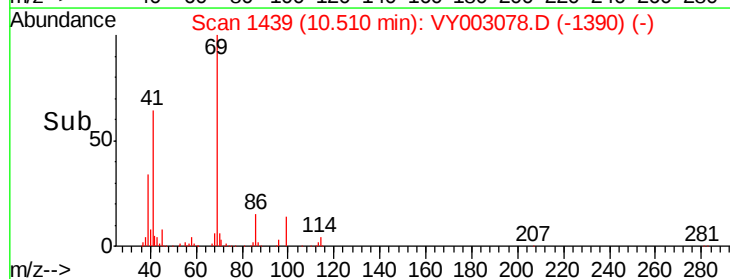
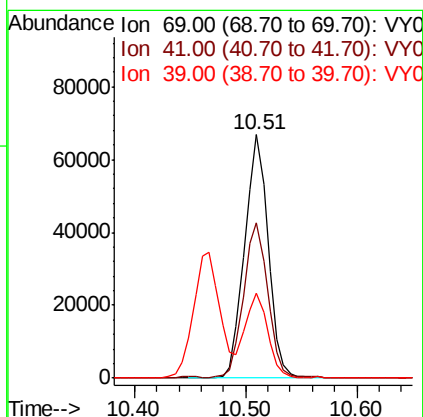
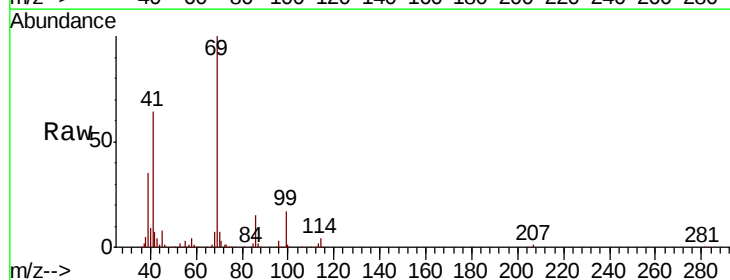
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

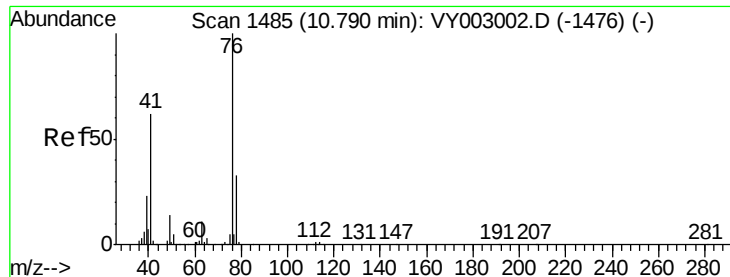
Tot Ion:	97	Resp:	71385
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	56.4	44.8	67.2
99	62.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.900 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion:	69	Resp:	98619
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.7	80.5
39	32.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.314 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

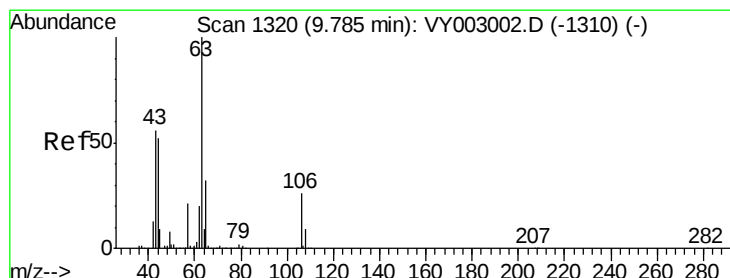
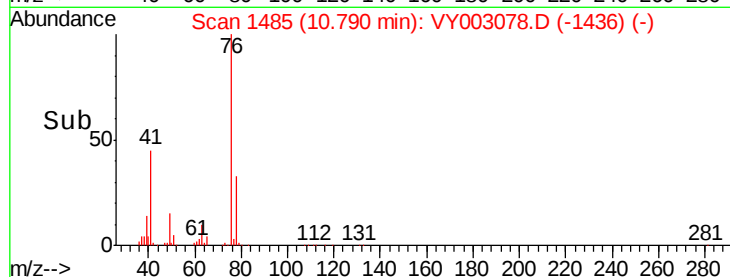
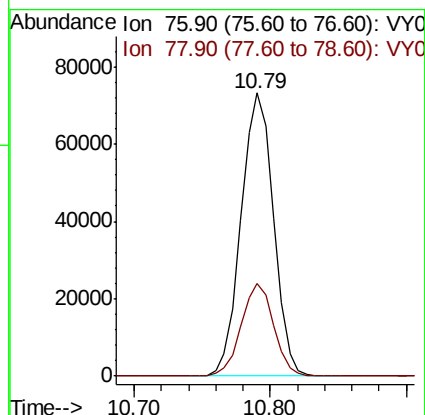
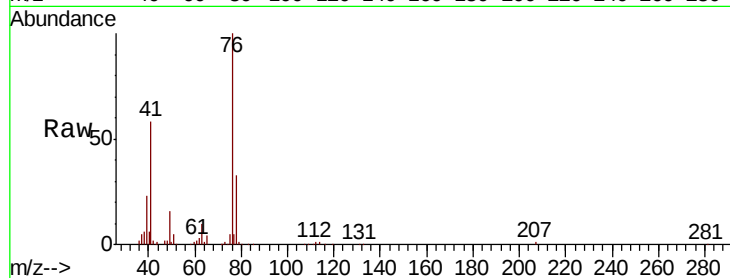
VY0702SBSD01

Tot Ion: 76 Resp: 122090

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.540 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003078.D

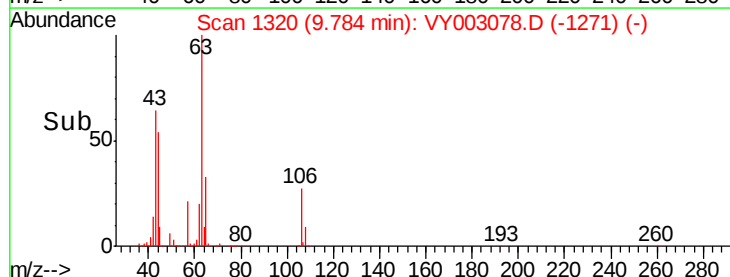
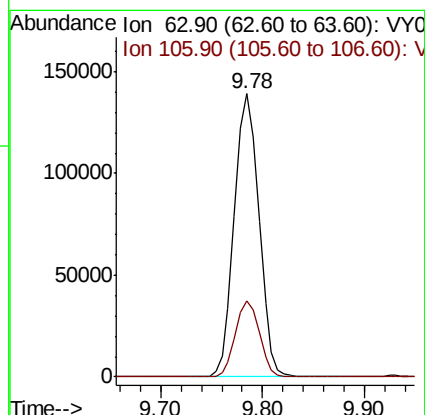
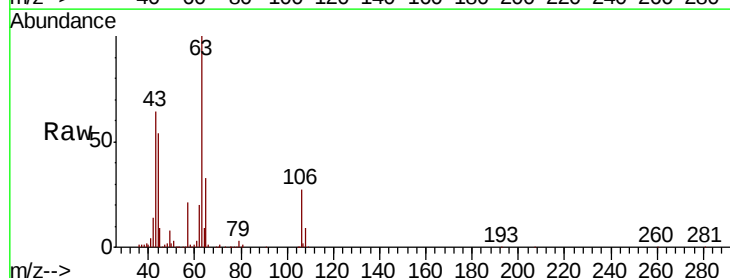
Acq: 02 Jul 2020 12:09

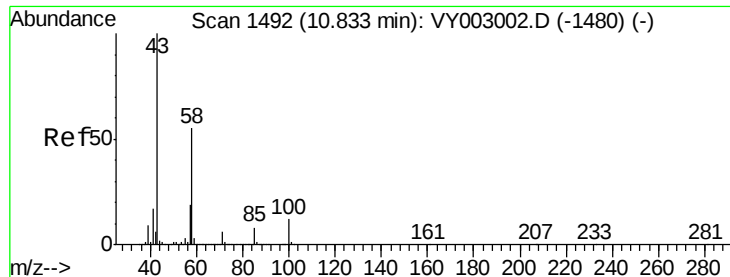
Tgt Ion: 63 Resp: 232666

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3

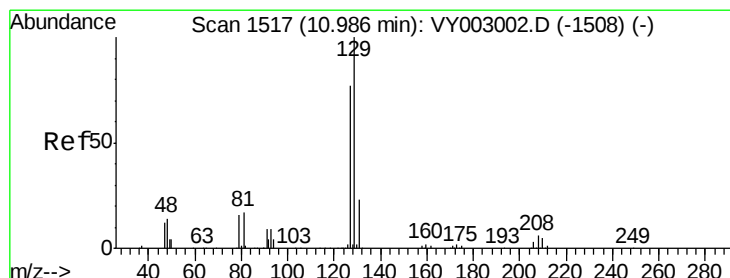
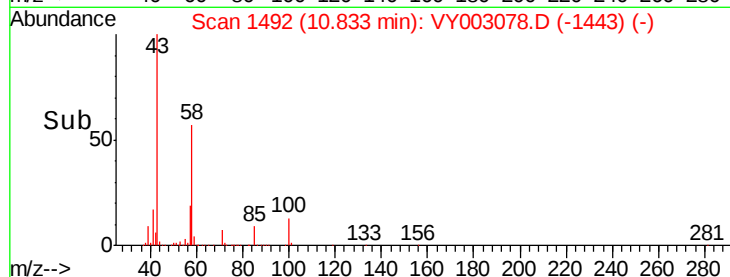
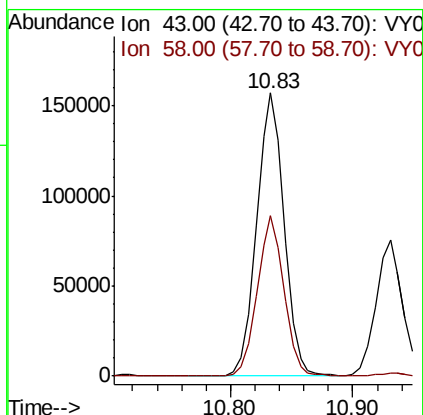
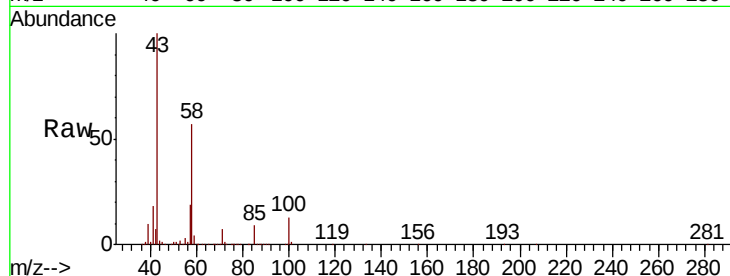




#59
2-Hexanone
Concen: 99.172 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

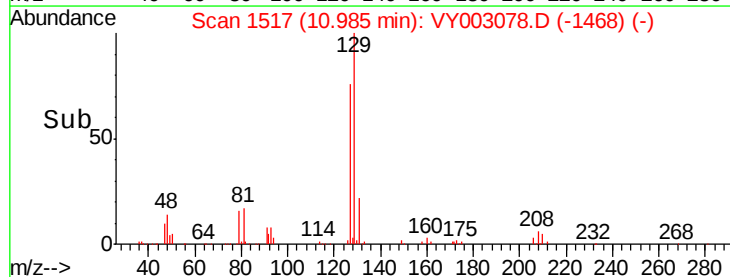
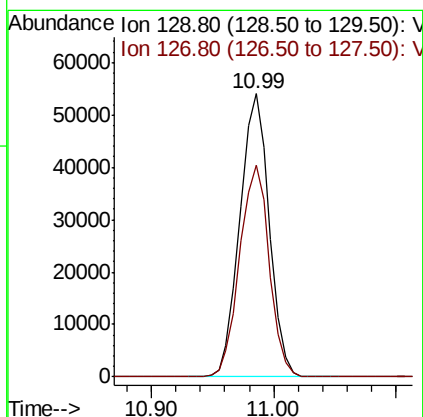
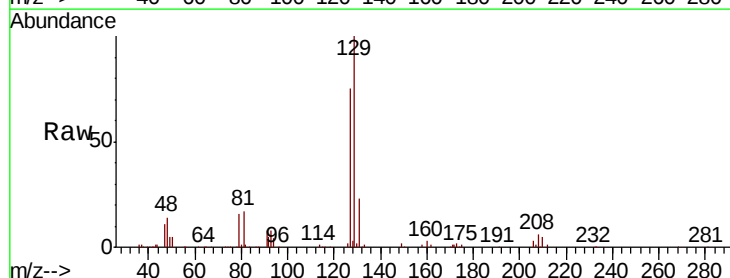
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

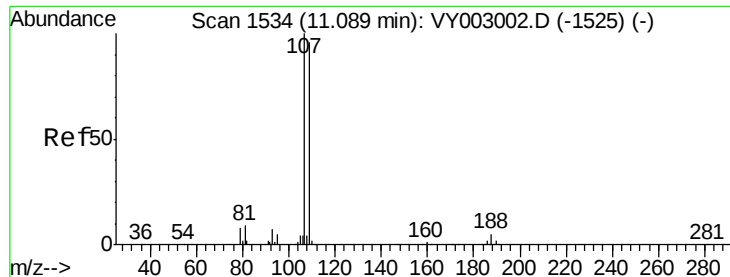
Tot Ion: 43 Resp: 245254
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.4



#60
Dibromochloromethane
Concen: 20.550 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 129 Resp: 90033
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.3

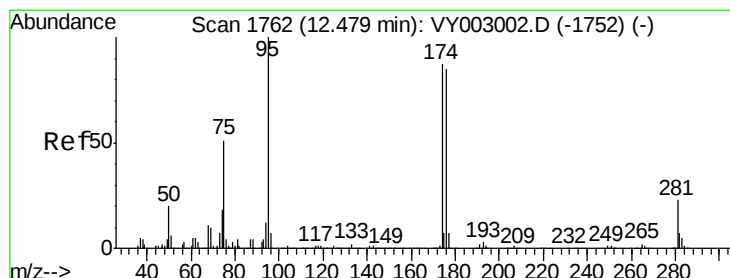
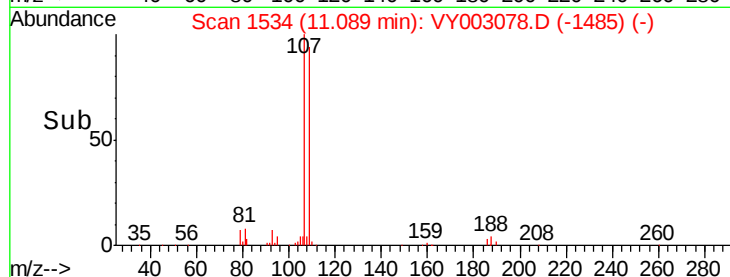
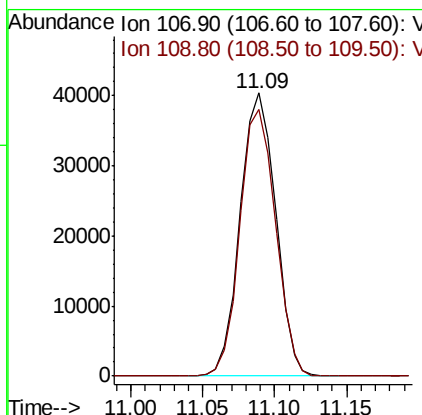
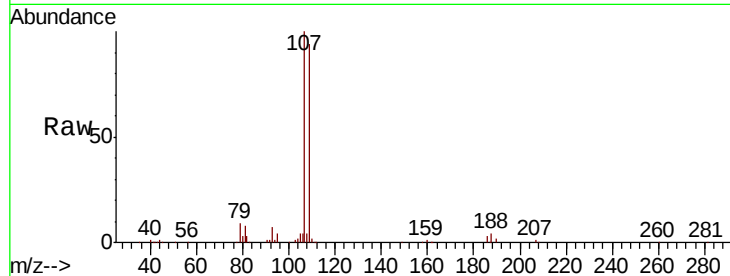




#61
 1,2-Dibromoethane
 Concen: 20.473 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

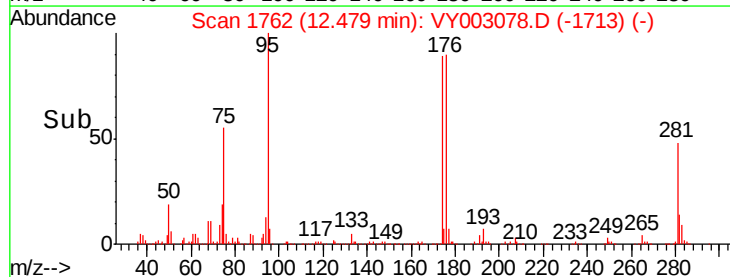
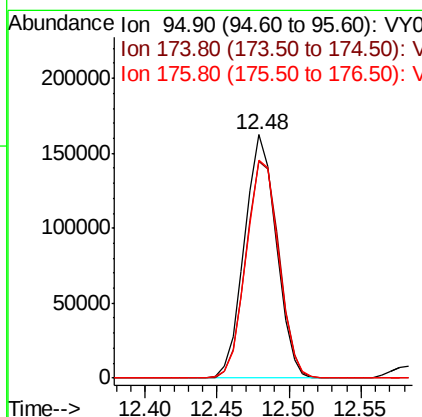
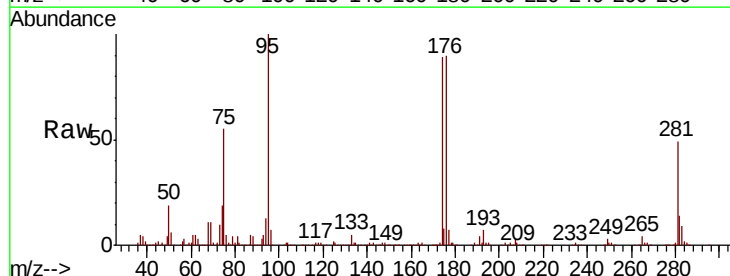
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

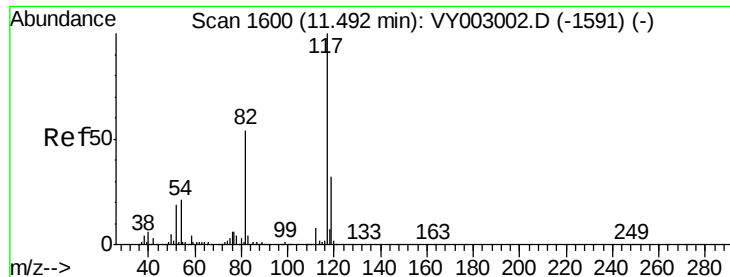
Tot Ion:107 Resp: 69099
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.971 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion: 95 Resp: 249080
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 184.8
 176 91.5 0.0 183.0

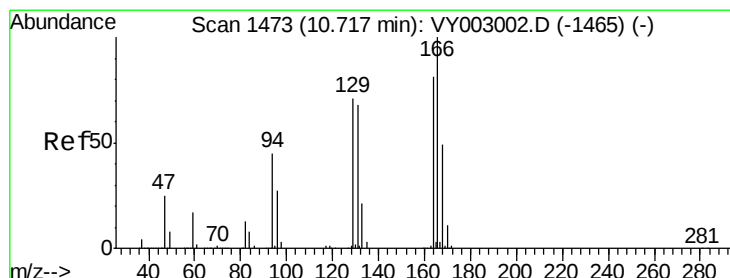
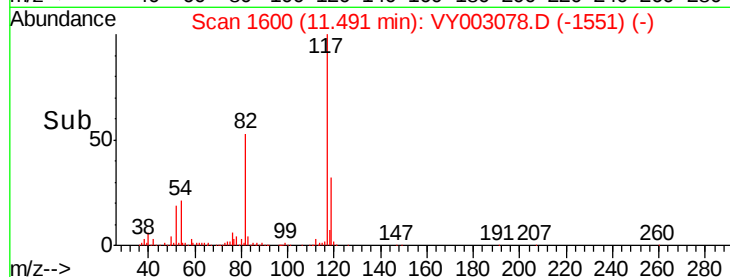
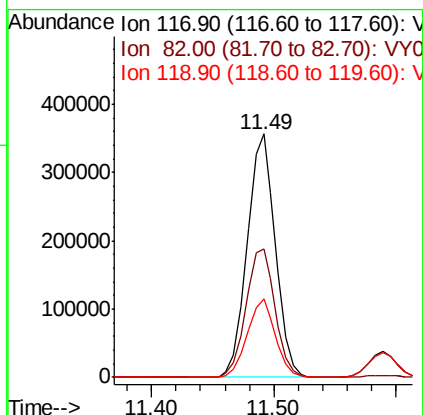
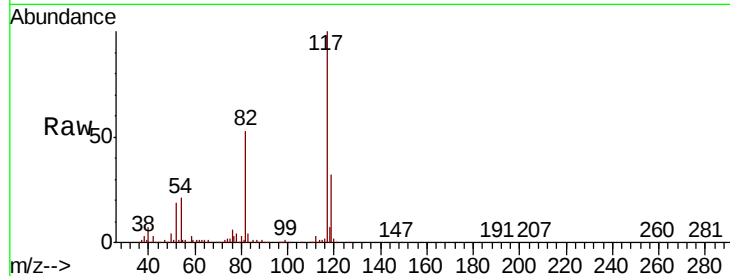




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

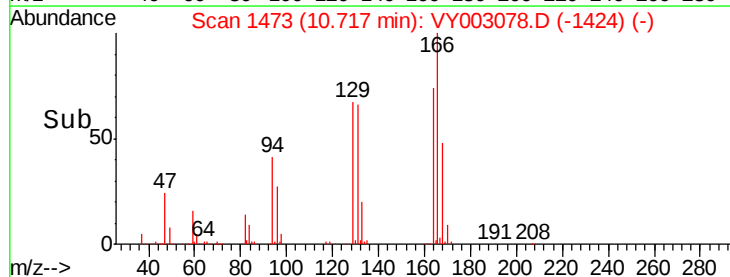
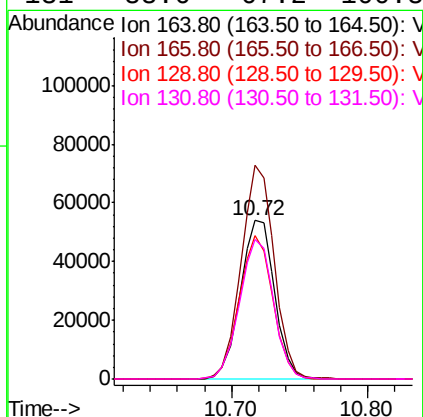
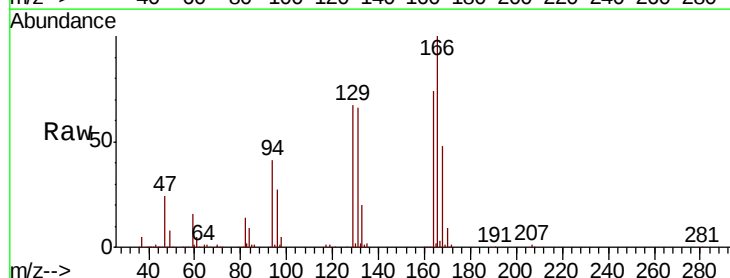
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion:117 Resp: 569818
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 19.619 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:164 Resp: 94613
Ion Ratio Lower Upper
164 100
166 135.0 98.5 147.7
129 90.5 69.7 104.5
131 88.6 67.2 100.8

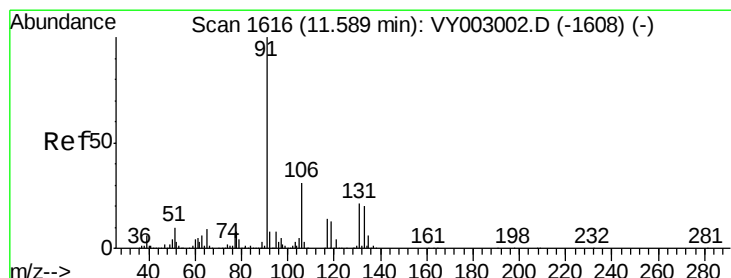
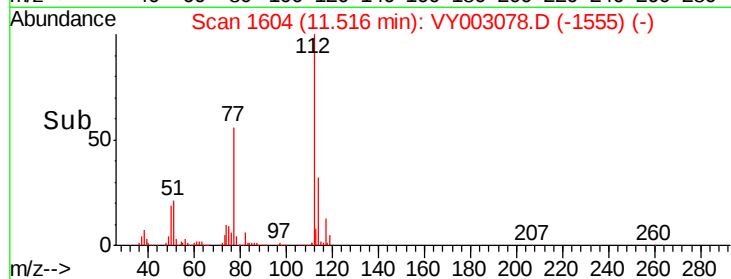
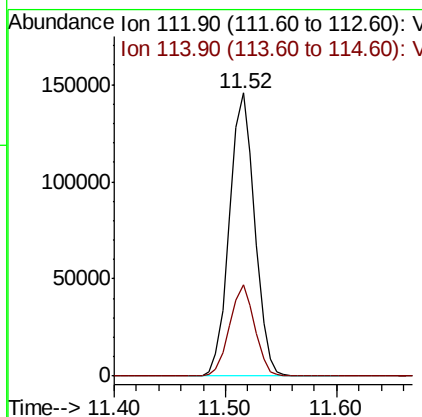
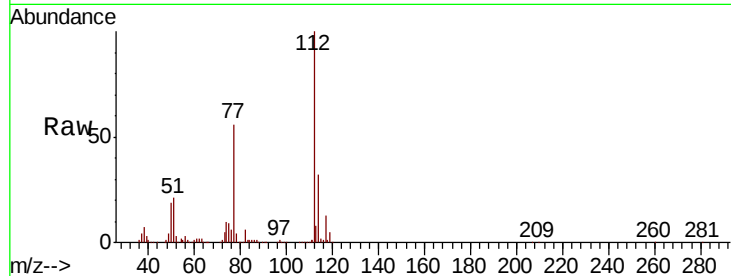




#65
Chlorobenzene
Concen: 20.386 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

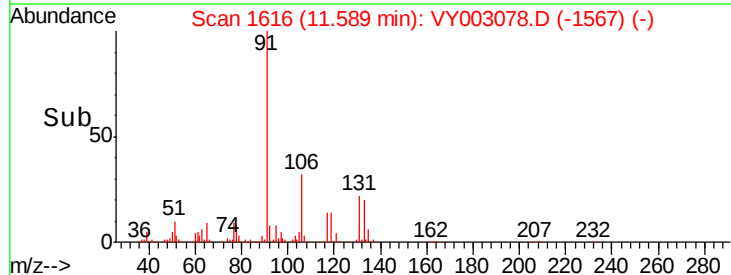
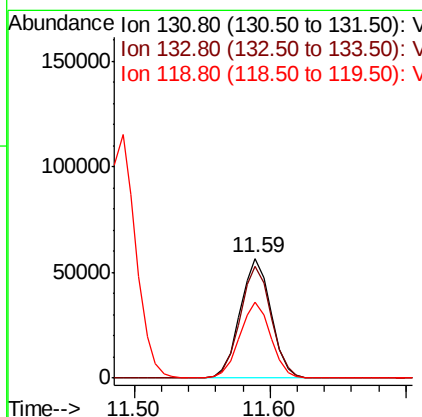
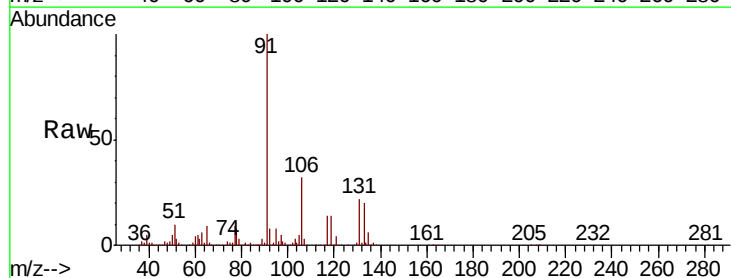
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

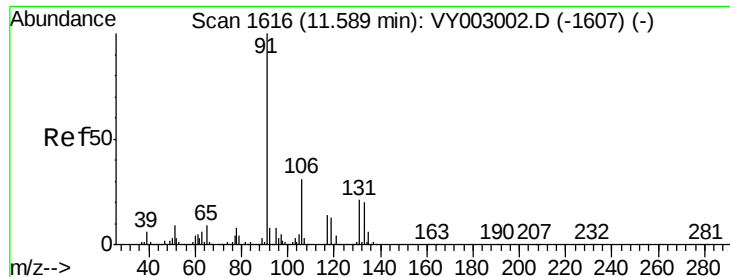
Tot Ion:112 Resp: 229055
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.468 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:131 Resp: 89785
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 64.0 31.8 95.3

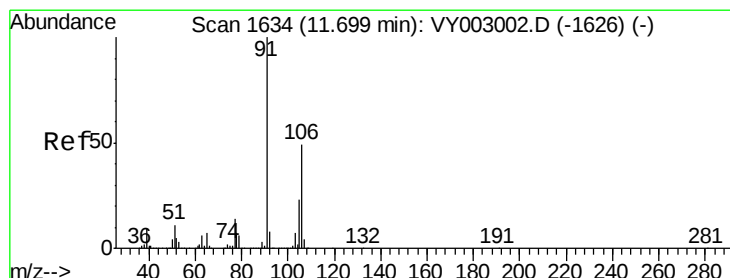
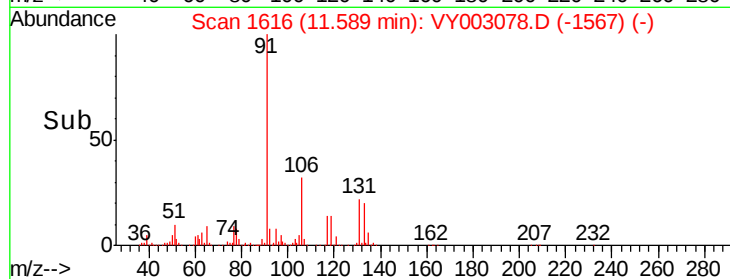
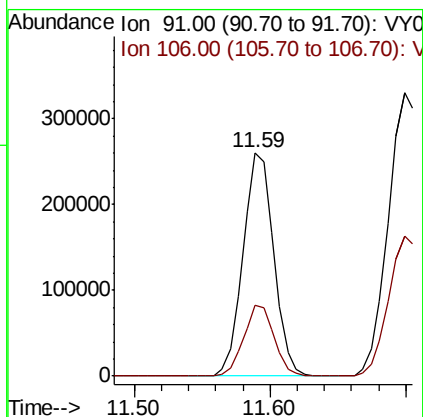
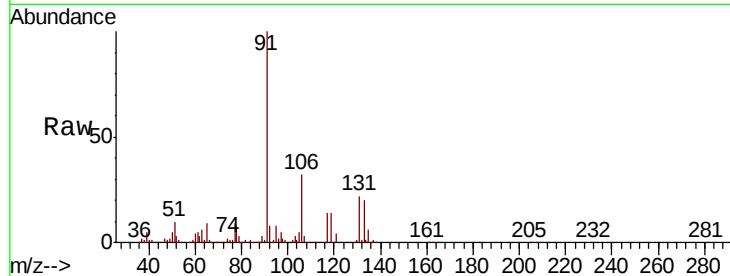




#67
Ethyl Benzene
Concen: 20.013 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

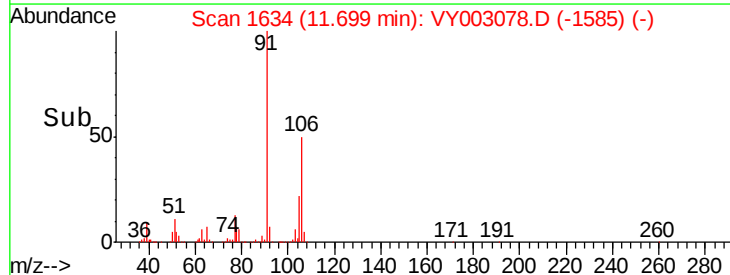
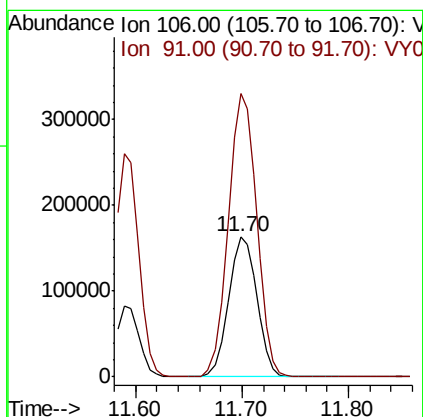
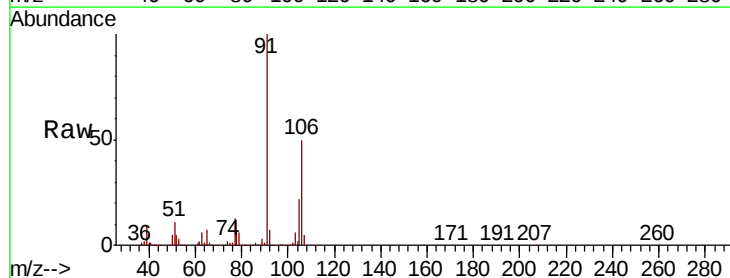
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

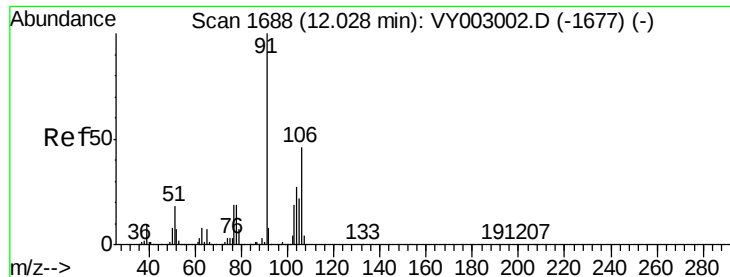
Tot Ion: 91 Resp: 411359
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 39.773 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 106 Resp: 304269
Ion Ratio Lower Upper
106 100
91 203.2 161.9 242.9

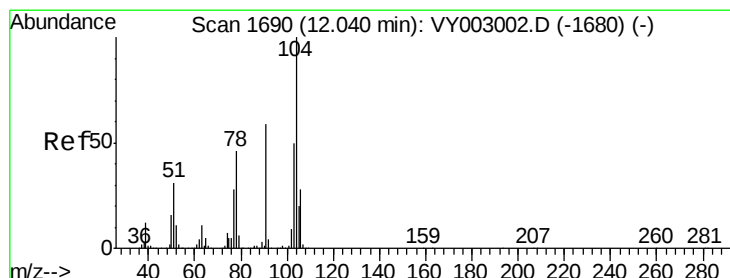
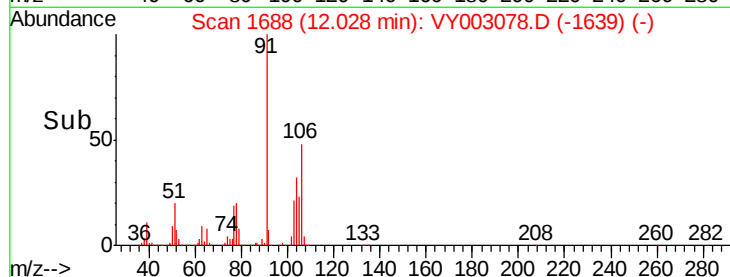
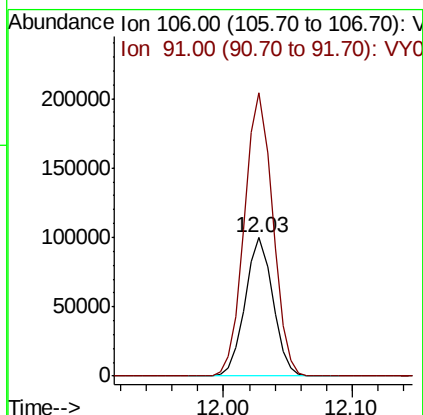
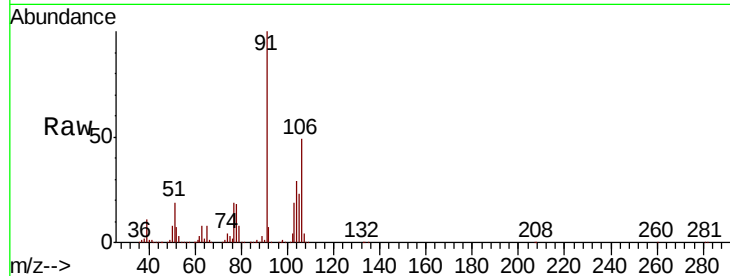




#69
o-Xylene
Concen: 20.535 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

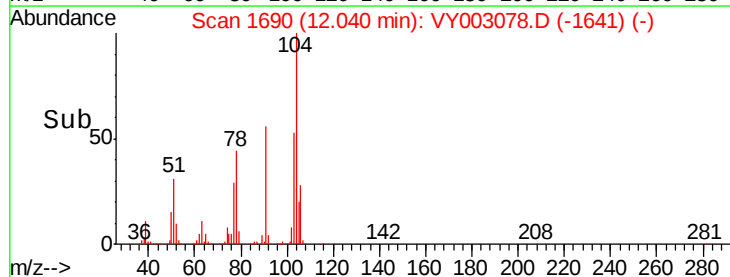
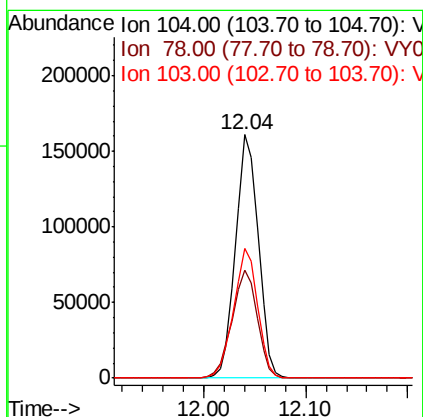
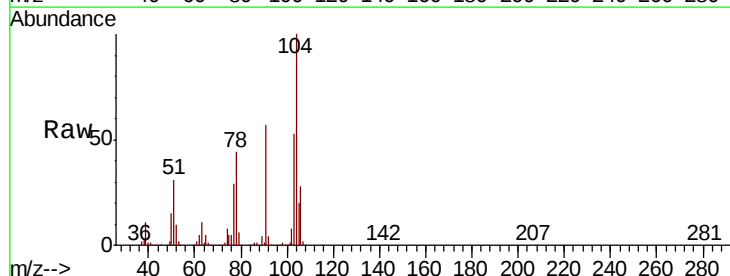
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion:106 Resp: 148033
Ion Ratio Lower Upper
106 100
91 210.0 107.9 323.8



#70
Styrene
Concen: 20.124 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:104 Resp: 247842
Ion Ratio Lower Upper
104 100
78 49.2 40.4 60.6
103 56.2 44.1 66.1

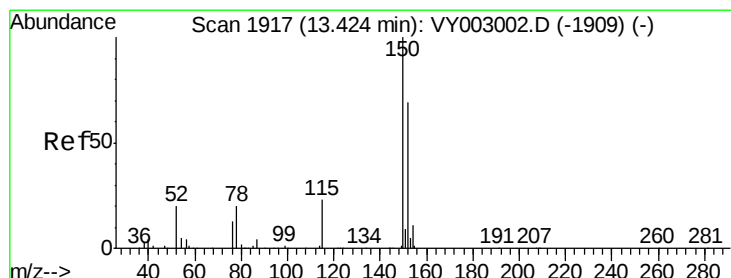
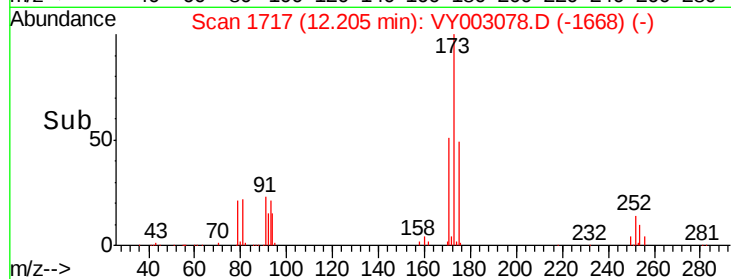
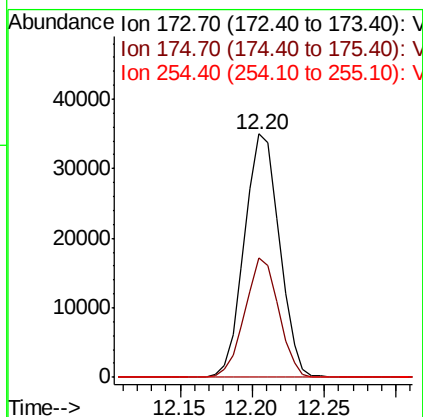
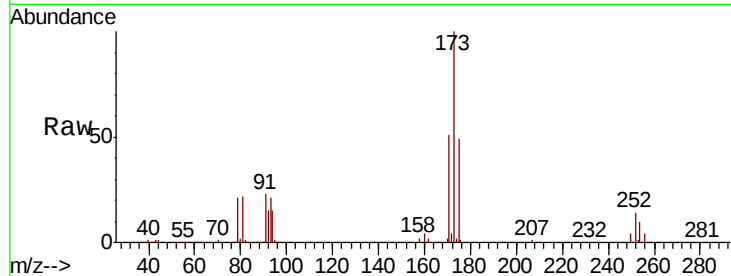




#71
Bromoform
Concen: 20.128 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

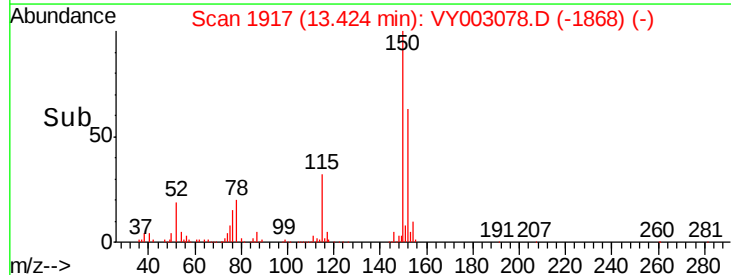
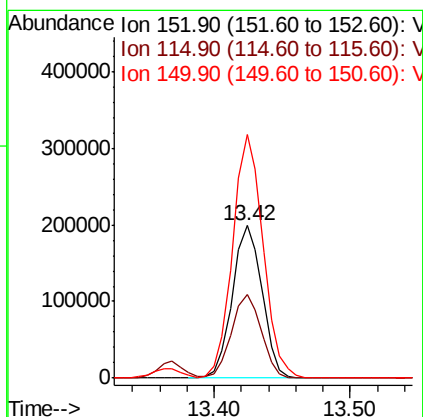
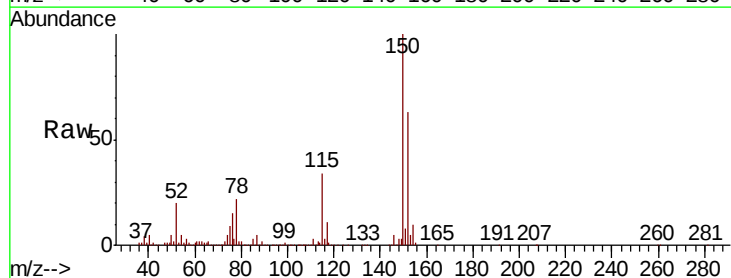
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

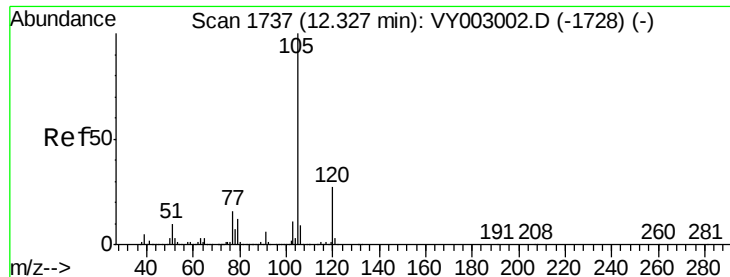
Tot Ion:173 Resp: 58876
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:152 Resp: 302079
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 163.4 0.0 343.4





#73

Isopropylbenzene

Concen: 20.344 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

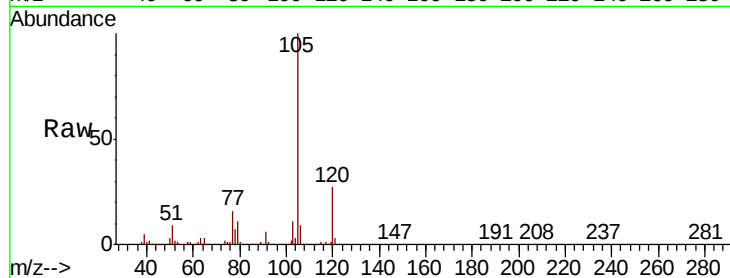
VY0702SBSD01

Tot Ion:105 Resp: 402202

Ion Ratio Lower Upper

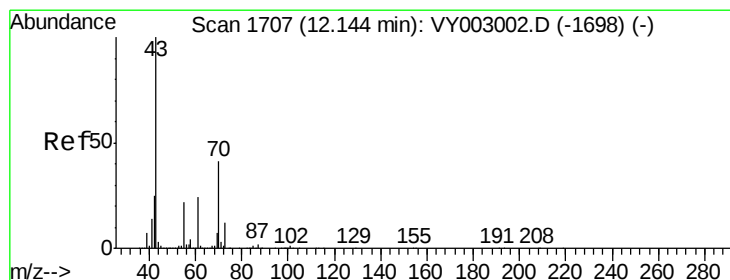
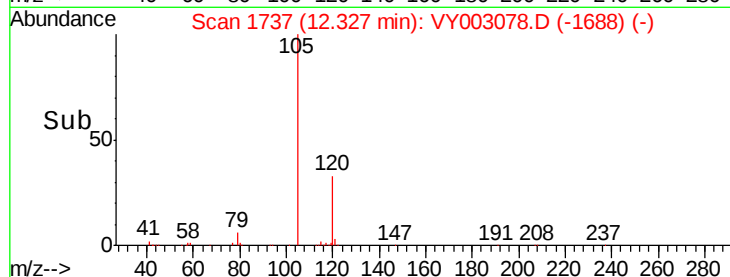
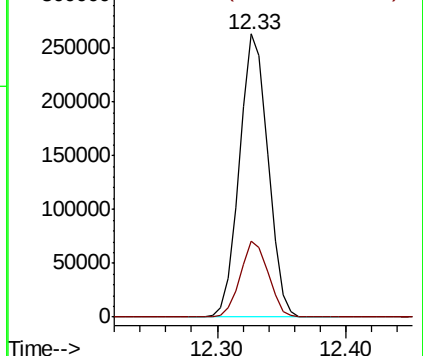
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.345 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion: 43 Resp: 124503

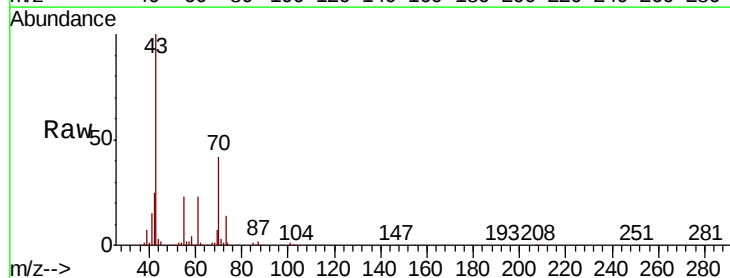
Ion Ratio Lower Upper

43 100

70 42.6 33.0 49.4

55 23.7 18.2 27.2

61 24.8 19.4 29.2

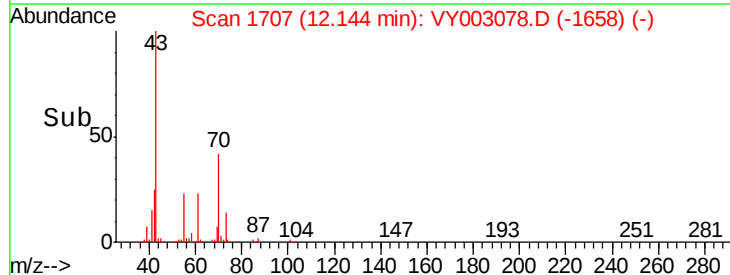
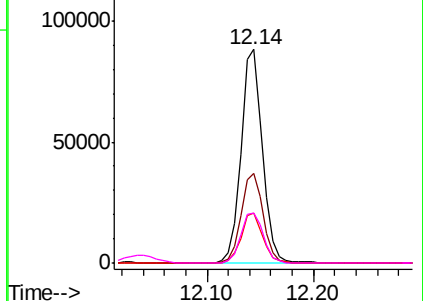


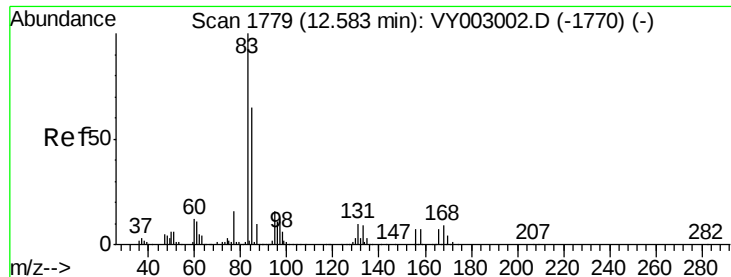
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.842 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

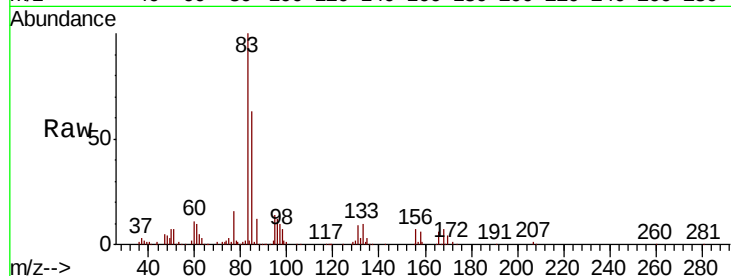
Tot Ion: 83 Resp: 83152

Ion Ratio Lower Upper

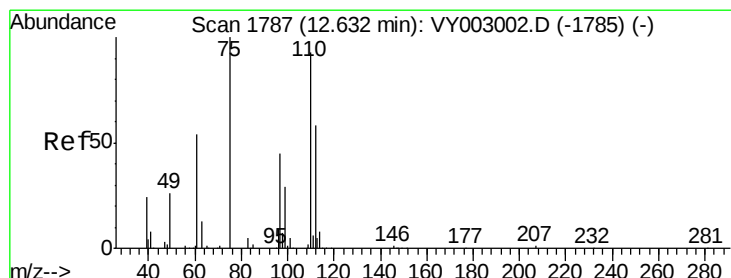
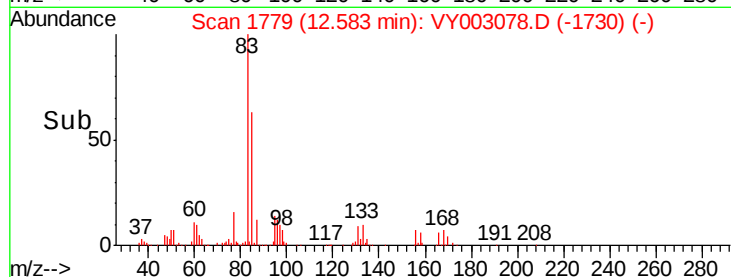
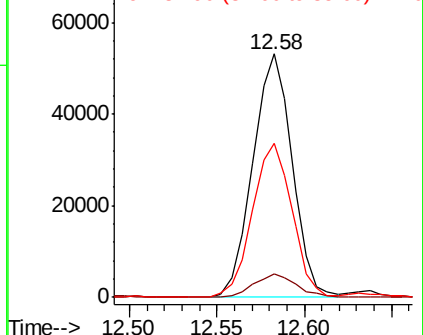
83 100

131 10.4 5.3 16.1

85 63.8 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 37.549 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003078.D

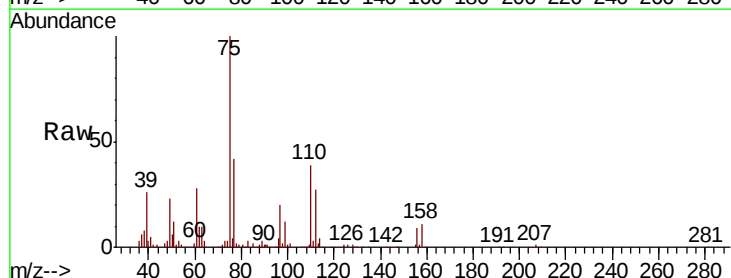
Acq: 02 Jul 2020 12:09

Tgt Ion: 75 Resp: 112258

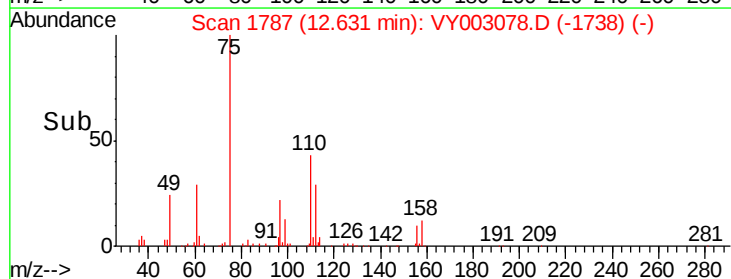
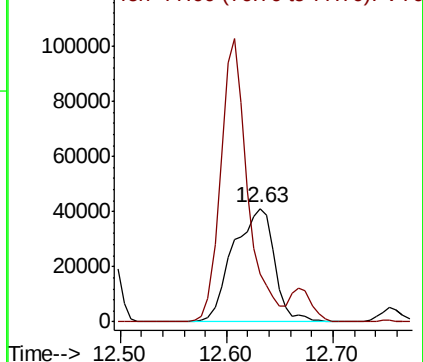
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.793 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

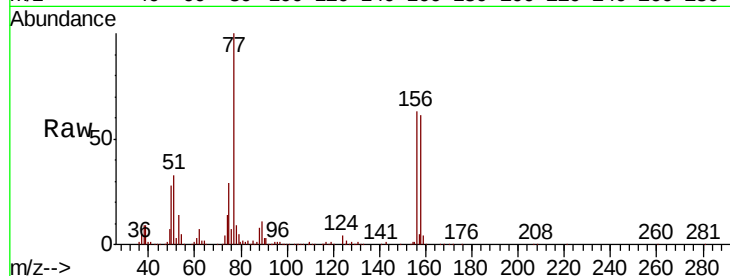
Tot Ion:156 Resp: 100332

Ion Ratio Lower Upper

156 100

77 180.6 90.0 270.0

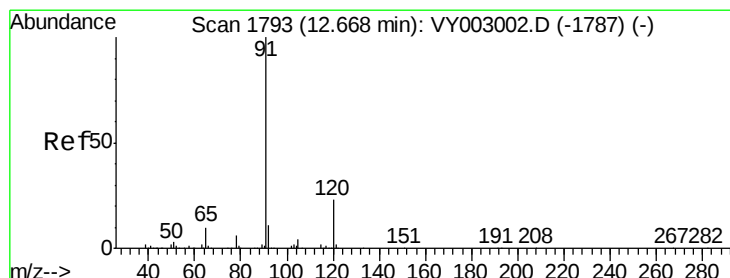
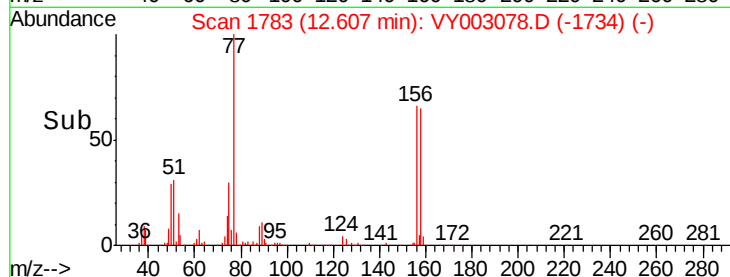
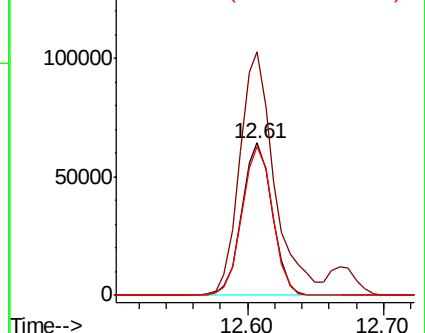
158 98.4 48.5 145.5



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: 20.234 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003078.D

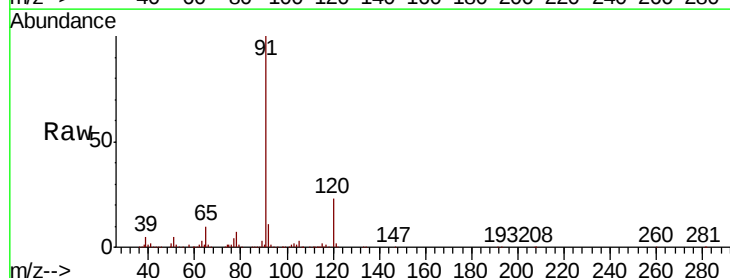
Acq: 02 Jul 2020 12:09

Tgt Ion: 91 Resp: 481077

Ion Ratio Lower Upper

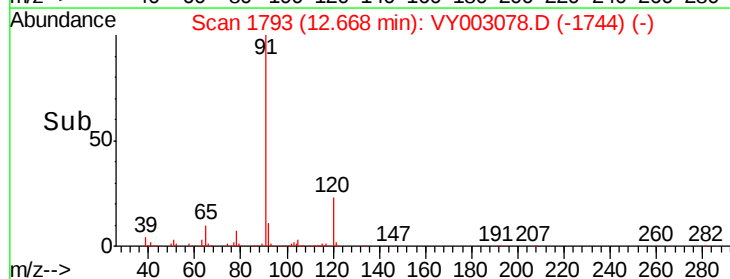
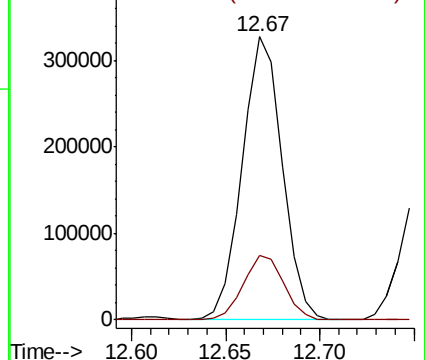
91 100

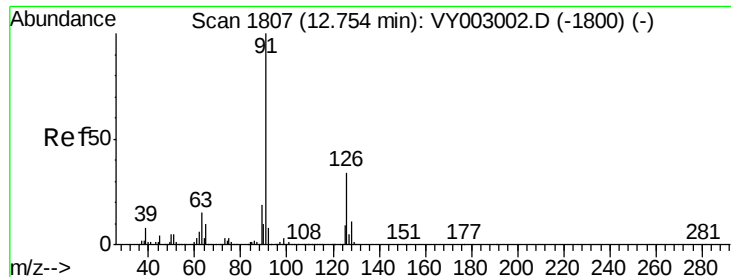
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.980 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

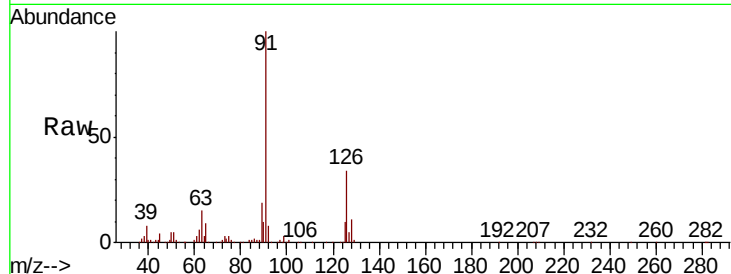
VY0702SBSD01

Tot Ion: 91 Resp: 265165

Ion Ratio Lower Upper

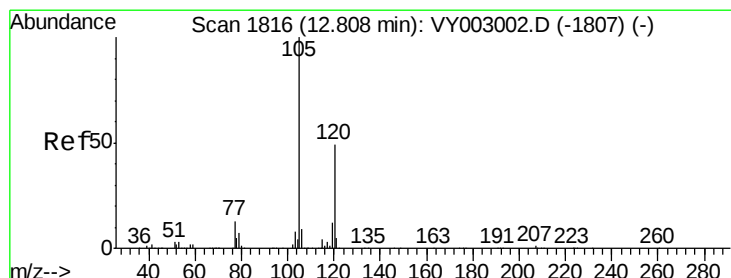
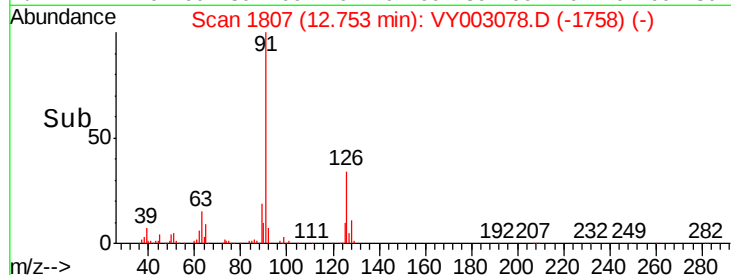
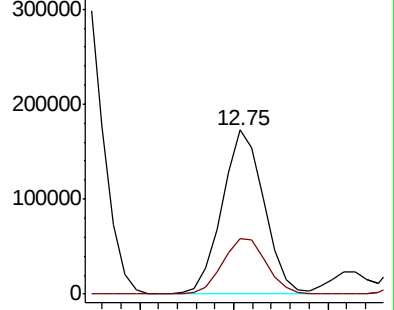
91 100

126 35.8 17.1 51.3



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: 20.277 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003078.D

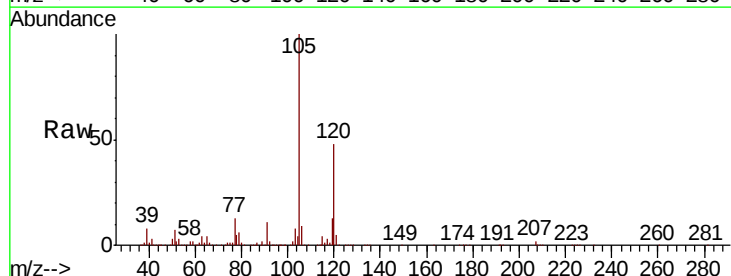
Acq: 02 Jul 2020 12:09

Tgt Ion:105 Resp: 336396

Ion Ratio Lower Upper

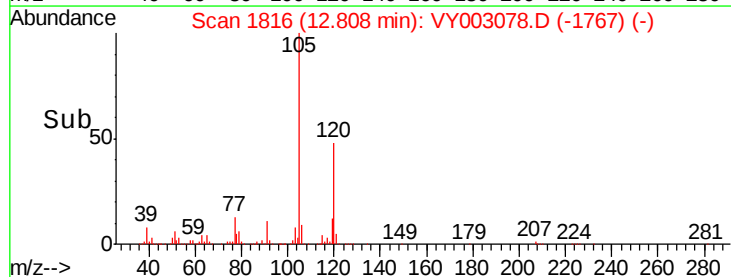
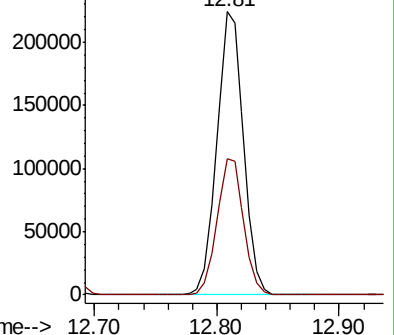
105 100

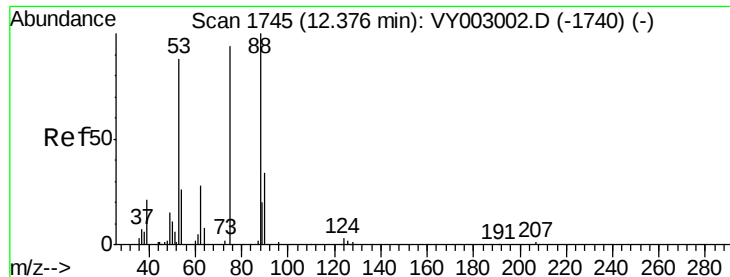
120 48.1 24.6 73.6



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: 19.543 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

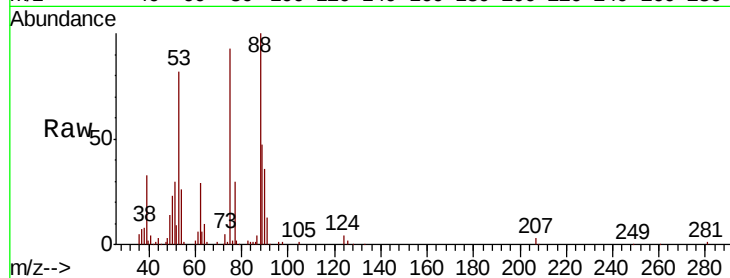
Tot Ion: 75 Resp: 30030

Ion Ratio Lower Upper

75 100

53 89.6 73.9 110.9

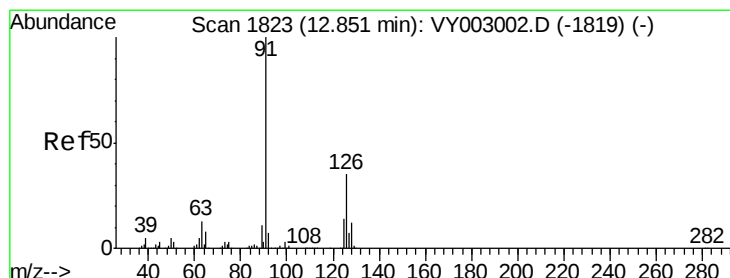
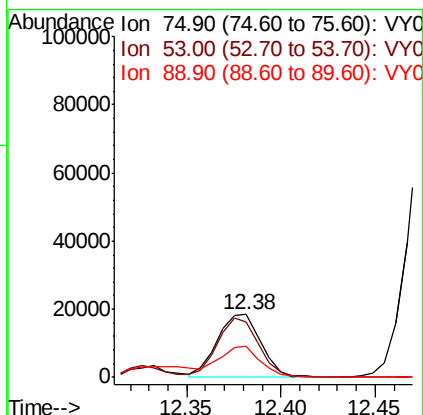
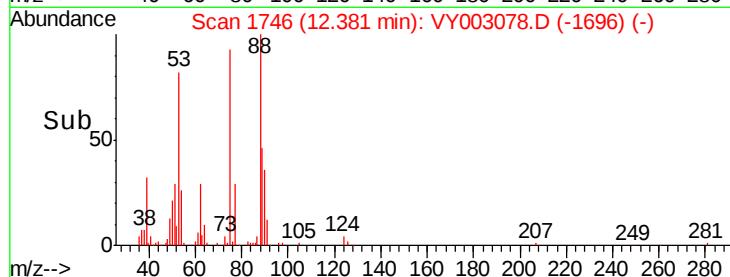
89 46.3 37.5 56.3



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: 20.228 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003078.D

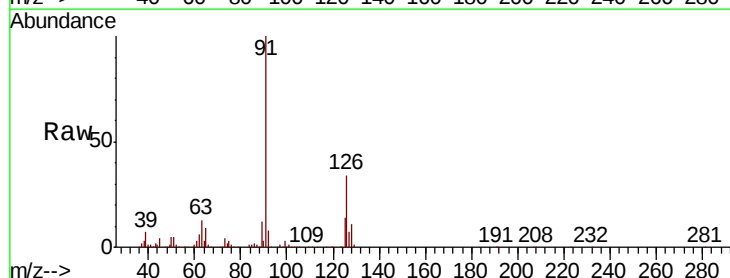
Acq: 02 Jul 2020 12:09

Tgt Ion: 91 Resp: 279496

Ion Ratio Lower Upper

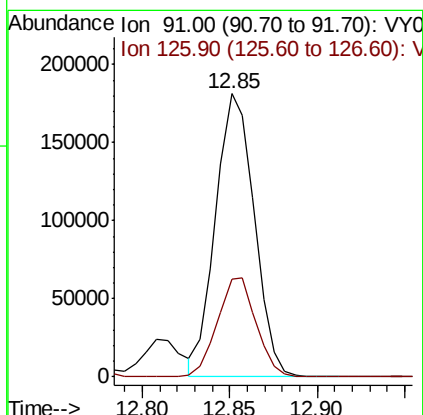
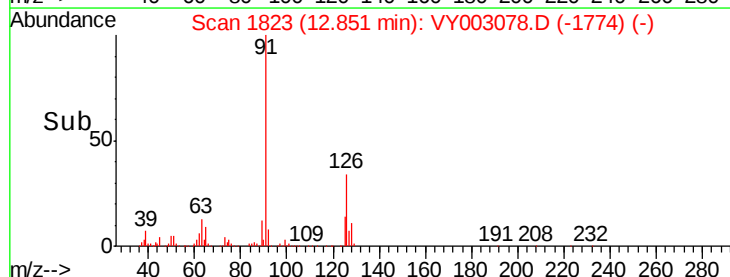
91 100

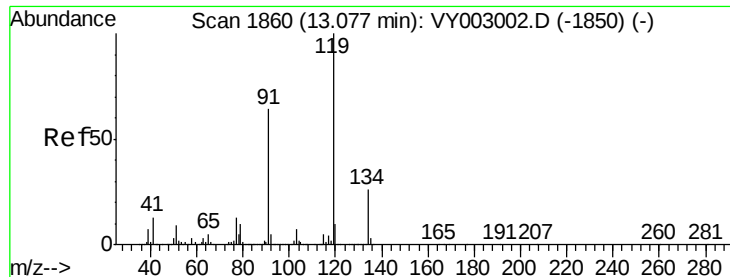
126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

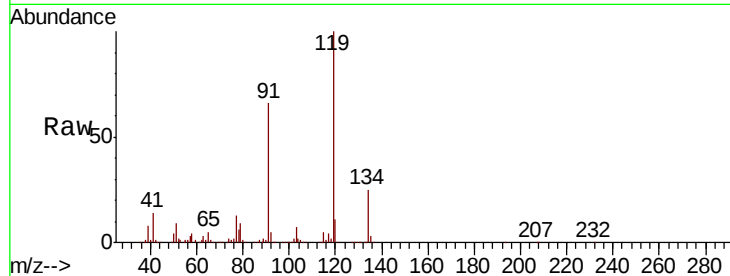




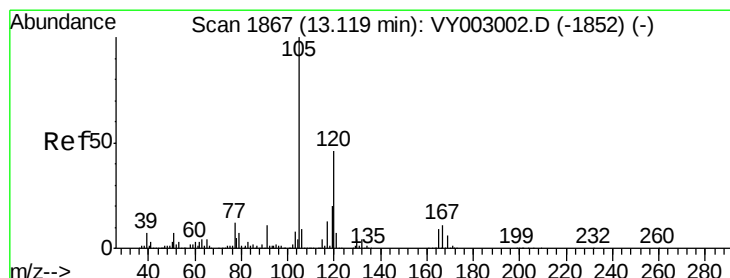
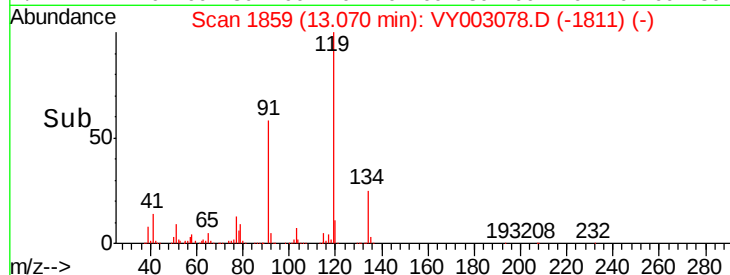
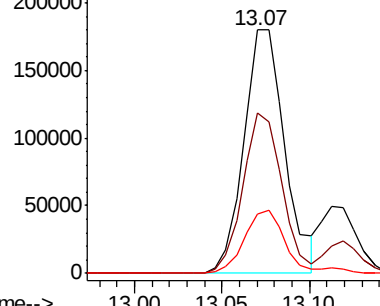
#83
tert-Butylbenzene
Concen: 20.222 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion:119 Resp: 294569
Ion Ratio Lower Upper
119 100
91 62.8 31.6 95.0
134 26.5 13.2 39.5

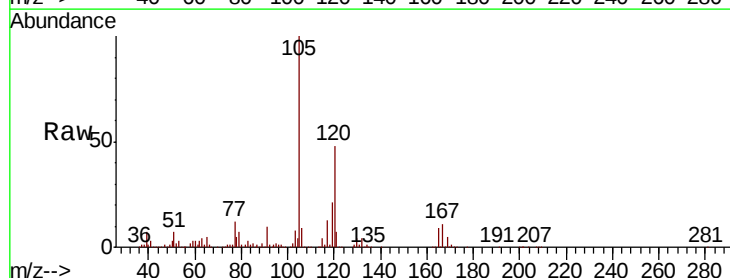


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

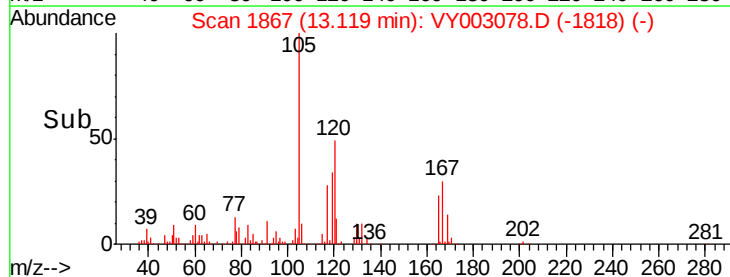
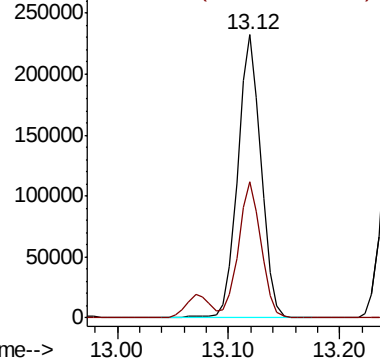


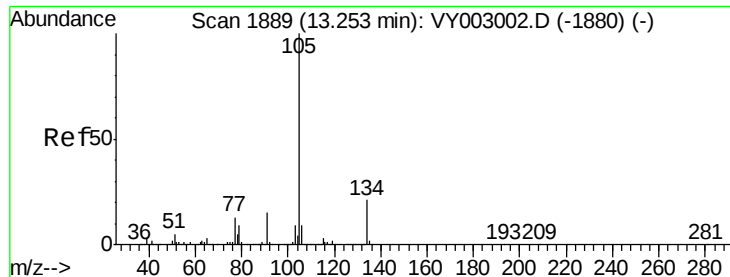
#84
1,2,4-Trimethylbenzene
Concen: 20.332 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:105 Resp: 339891
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

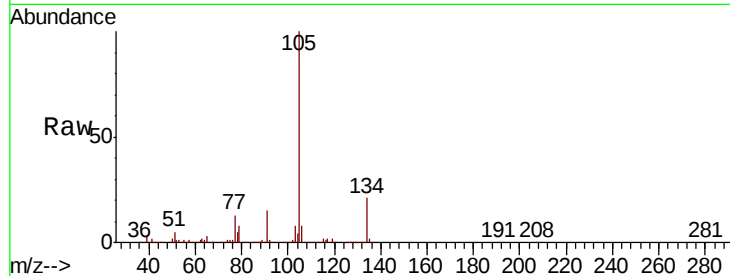
VY0702SBSD01

Tot Ion:105 Resp: 410837

Ion Ratio Lower Upper

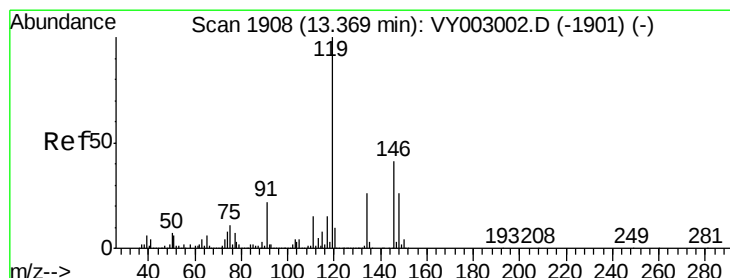
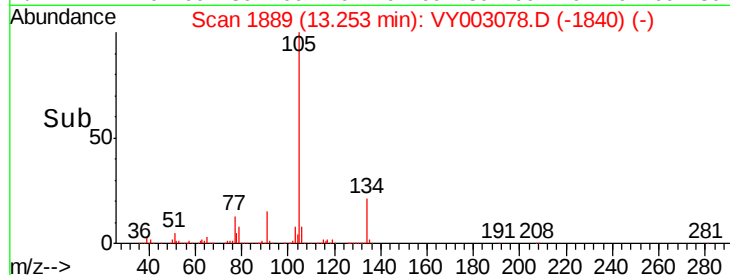
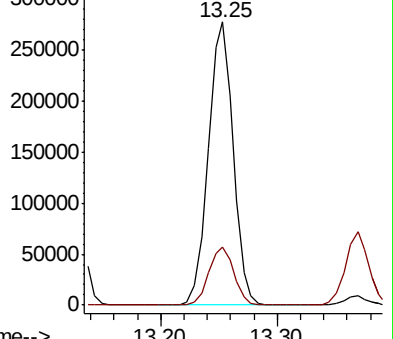
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

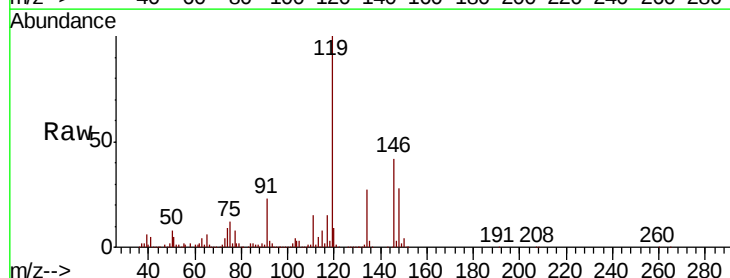
Tgt Ion:119 Resp: 377697

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

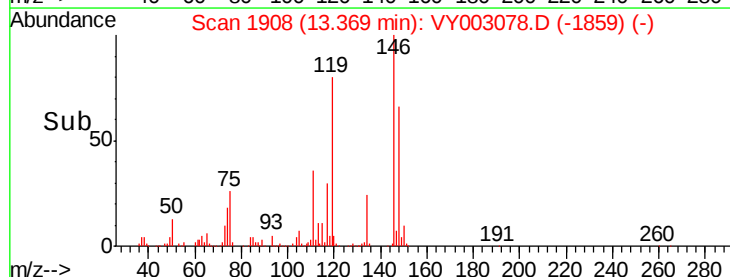
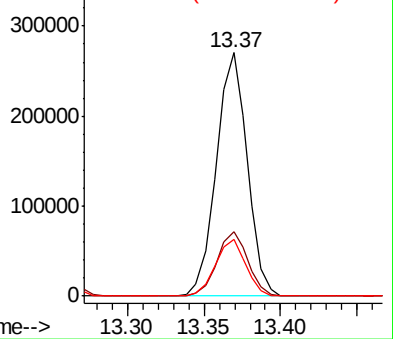
91 23.1 11.5 34.5

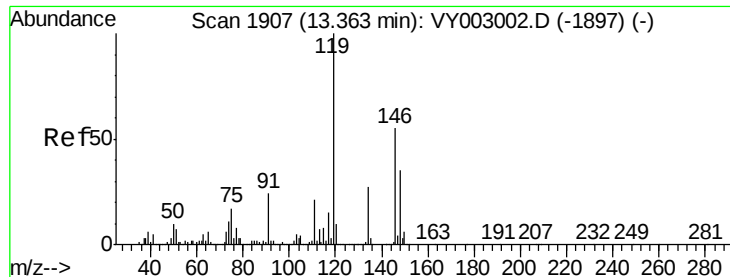


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.312 ug/l

RT: 13.36 min Scan# 1907

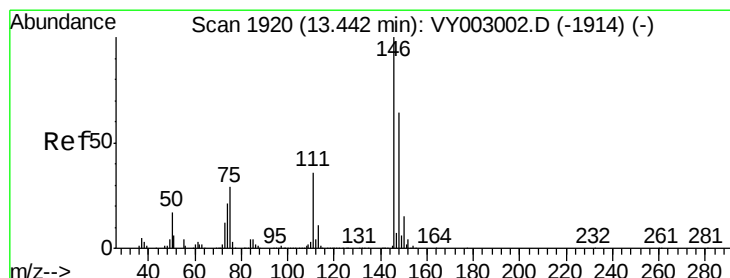
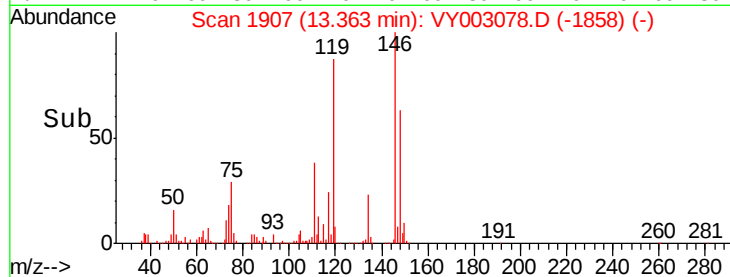
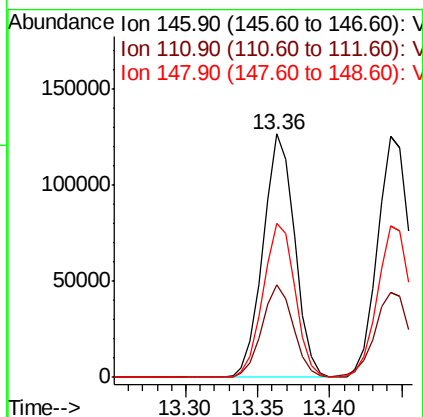
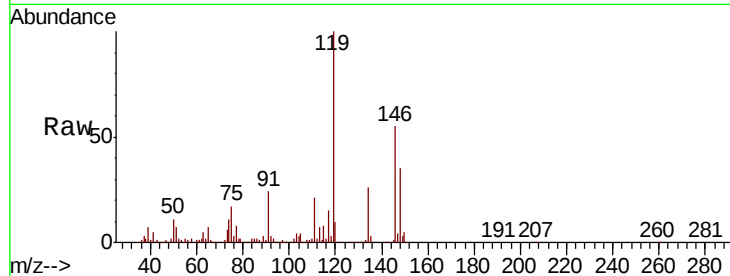
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.3	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 20.687 ug/l

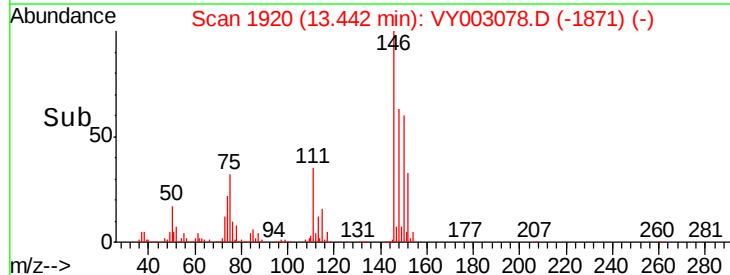
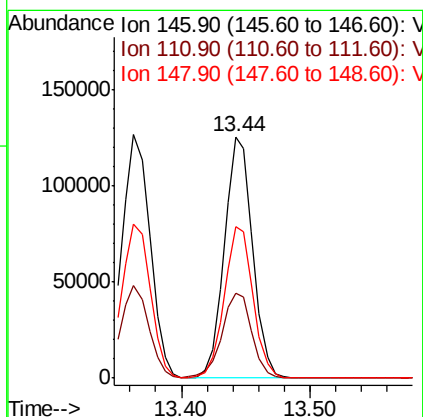
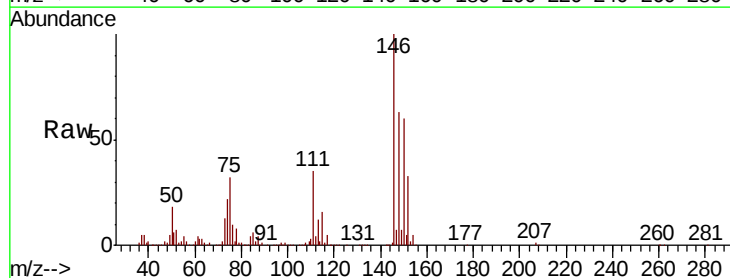
RT: 13.44 min Scan# 1920

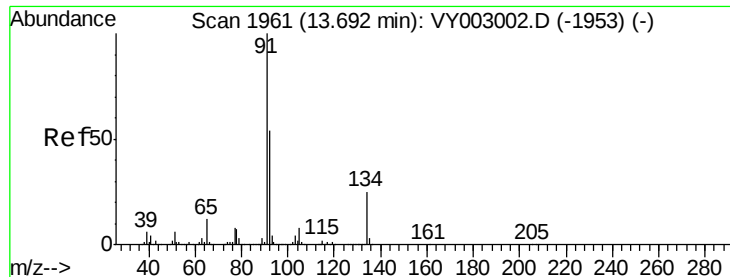
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.4
148	63.7	32.3	96.9

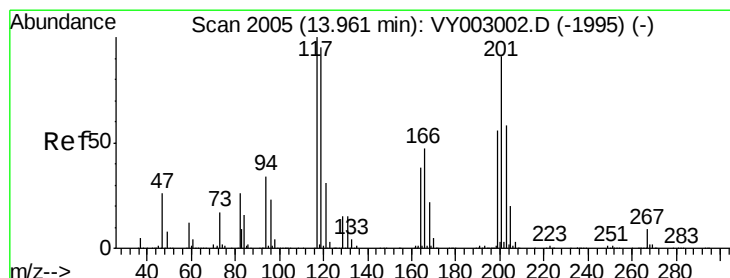
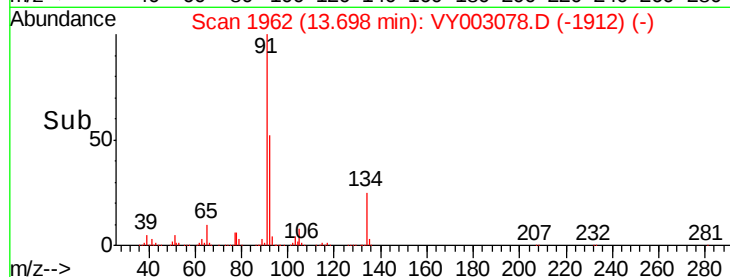
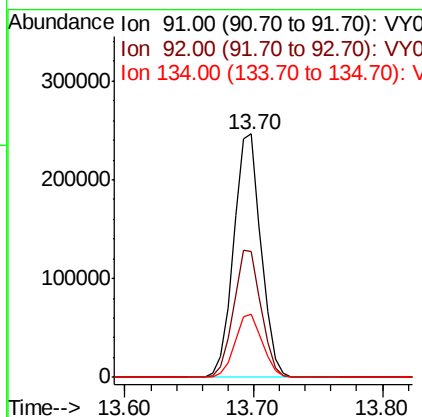
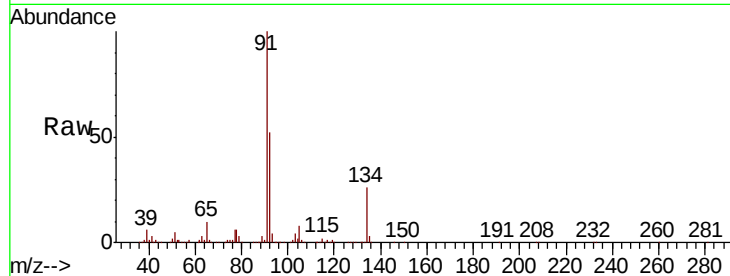




#89
n-Butylbenzene
Concen: 20.409 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

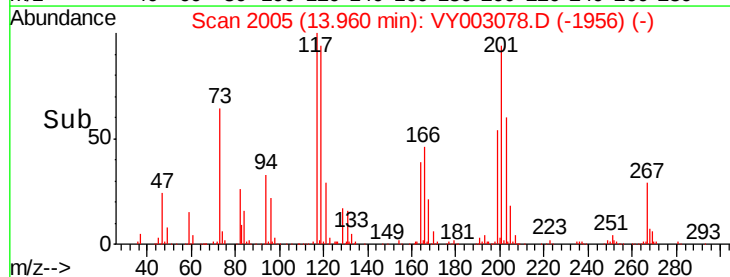
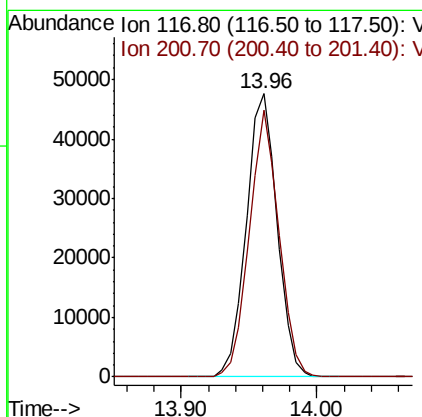
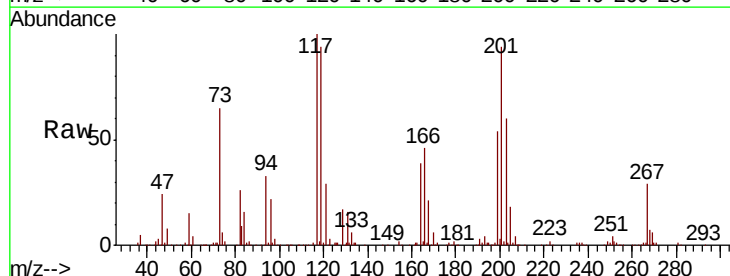
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

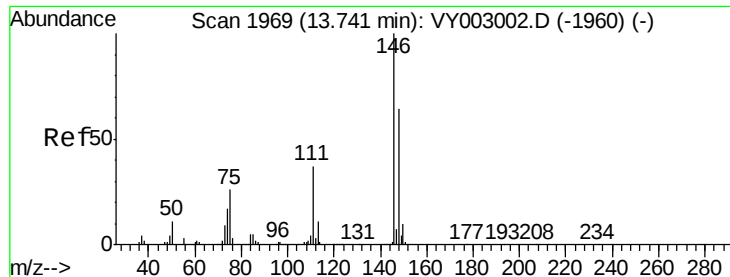
Tot Ion: 91 Resp: 363308
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 25.9 13.1 39.1



#90
Hexachloroethane
Concen: 20.443 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion: 117 Resp: 75526
Ion Ratio Lower Upper
117 100
201 90.5 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 20.465 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

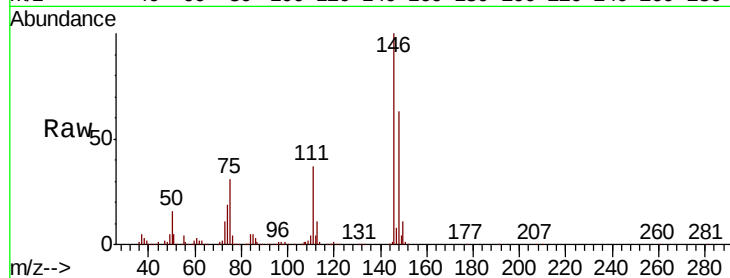
Tot Ion:146 Resp: 173765

Ion Ratio Lower Upper

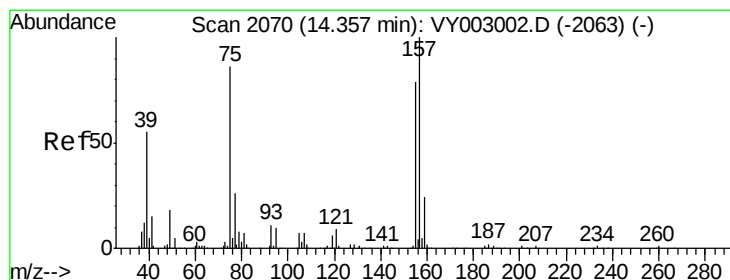
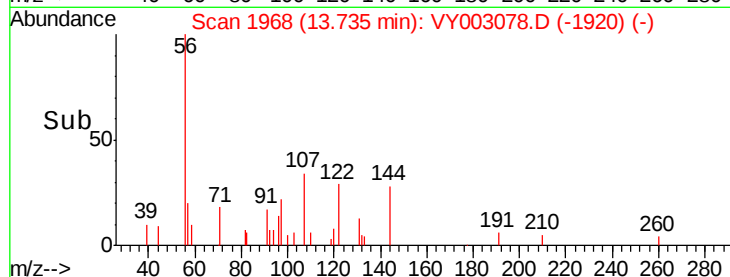
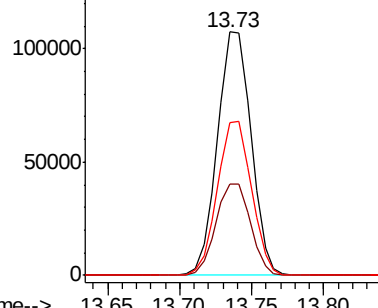
146 100

111 38.4 19.1 57.5

148 64.1 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.756 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

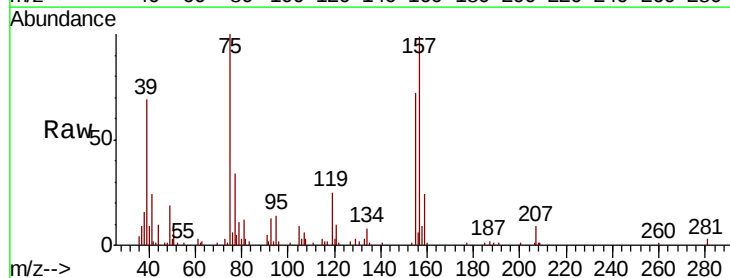
Tgt Ion: 75 Resp: 14659

Ion Ratio Lower Upper

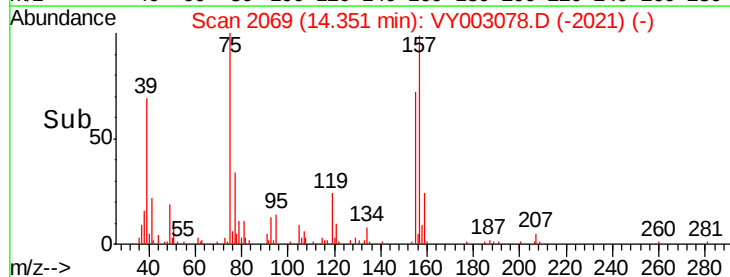
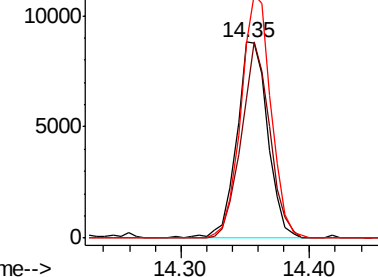
75 100

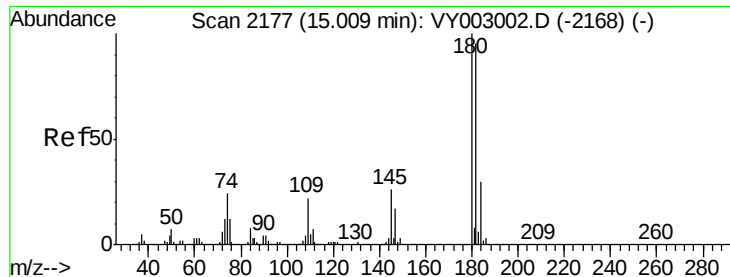
155 92.3 46.5 139.3

157 120.9 59.2 177.5



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

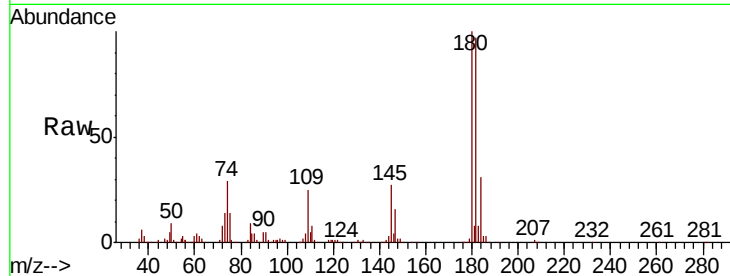




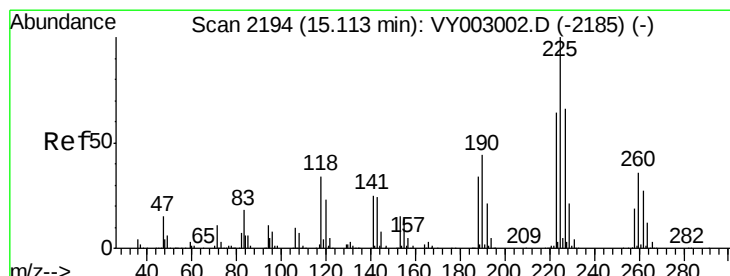
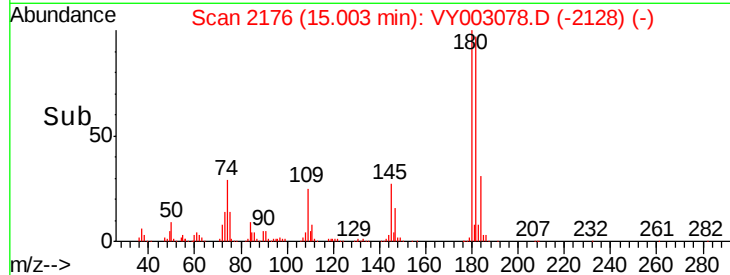
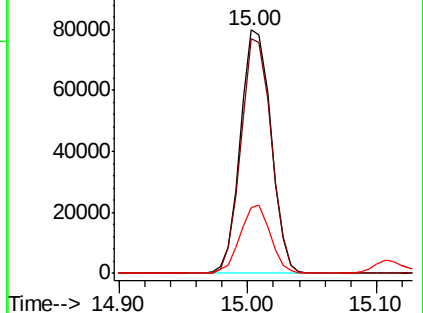
#93
 1,2,4-Trichlorobenzene
 Concen: 20.701 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	27.9	13.9	41.6

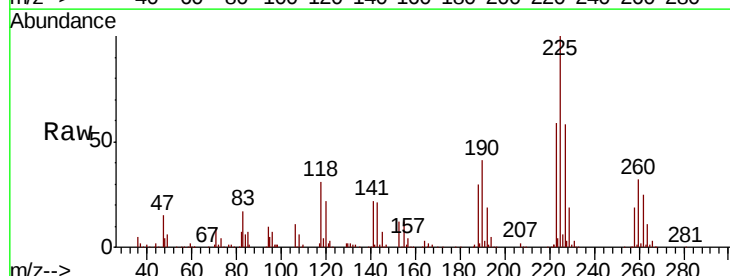


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

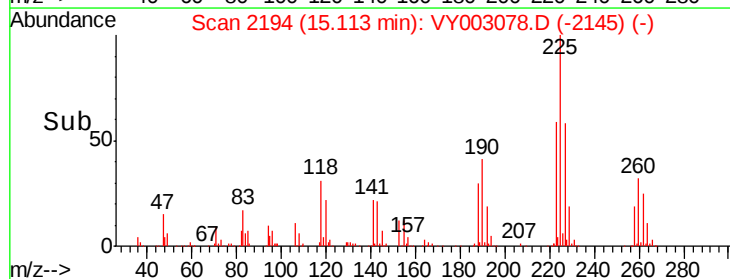
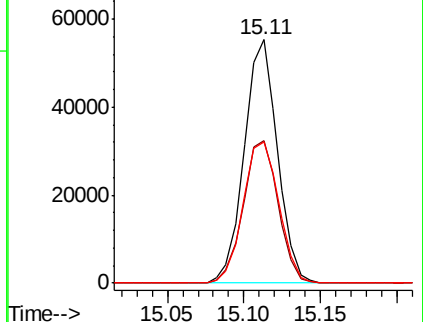


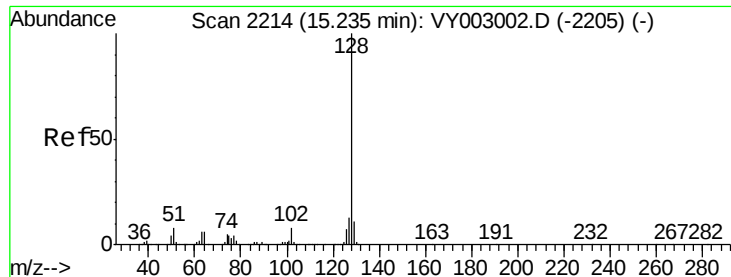
#94
 Hexachlorobutadiene
 Concen: 20.939 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.4	97.0
227	62.9	32.4	97.2



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

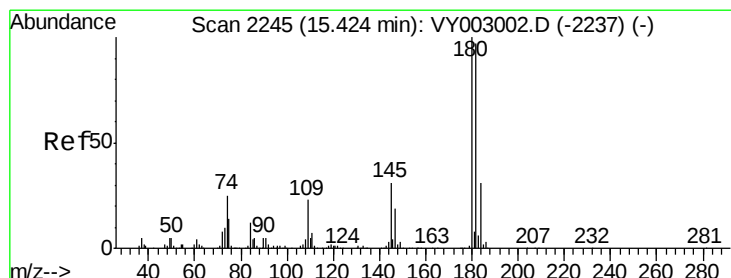
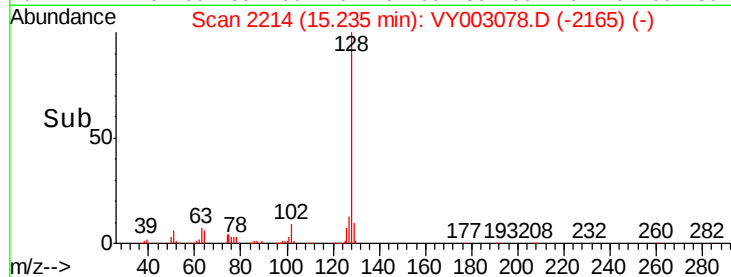
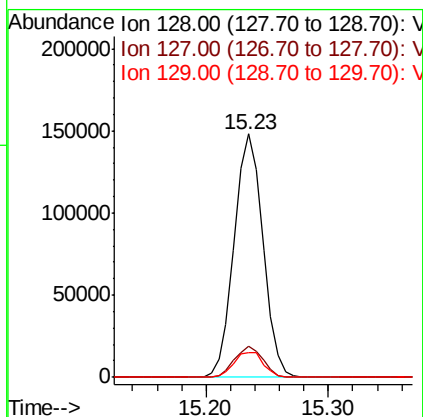
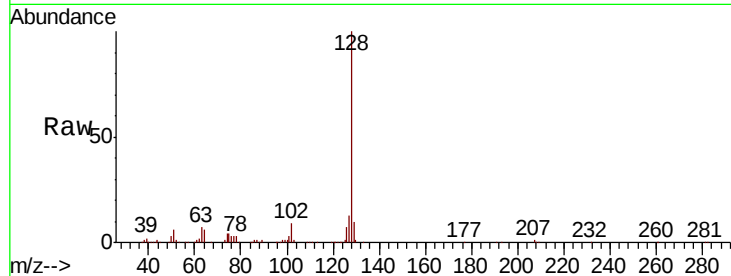




#95
Naphthalene
Concen: 20.929 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.714 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	29.6	14.7	44.1

