

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070120\
 Data File : VY003054.D
 Acq On : 01 Jul 2020 13:14
 Operator : SY/MD
 Sample : VY0701SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Quant Time: Jul 01 15:02:05 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	435820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	638329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	309796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209522	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.72	113	200501	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.18	98	738560	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.48	95	259307	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	63798	19.329	ug/l	100
3) Chloromethane	2.12	50	85748	17.741	ug/l	100
4) Vinyl Chloride	2.26	62	97382	20.655	ug/l	97
5) Bromomethane	2.65	94	70754	22.103	ug/l	98
6) Chloroethane	2.79	64	65217	21.745	ug/l	94
7) Trichlorofluoromethane	3.13	101	143629	21.584	ug/l	99
8) Diethyl Ether	3.53	74	46593	20.425	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	85614	21.548	ug/l	99
10) Methyl Iodide	4.10	142	101270	20.555	ug/l	100
11) Tert butyl alcohol	4.96	59	54056	122.539	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	78656	20.806	ug/l	95
13) Acrolein	3.74	56	37998	95.906	ug/l	99
14) Allyl chloride	4.49	41	128910	19.530	ug/l	97
15) Acrylonitrile	5.18	53	118860	101.098	ug/l	98
16) Acetone	3.96	43	102023	99.936	ug/l	98
17) Carbon Disulfide	4.20	76	247297	20.474	ug/l	98
18) Methyl Acetate	4.49	43	51106	18.581	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	230832	20.948	ug/l	98
20) Methylene Chloride	4.72	84	117165	21.786	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	89673	20.970	ug/l	91
22) Diisopropyl ether	6.13	45	282702	19.983	ug/l	93
23) Vinyl Acetate	6.07	43	940618	99.451	ug/l	99
24) 1,1-Dichloroethane	6.02	63	159496	20.639	ug/l	98
25) 2-Butanone	7.00	43	165928	102.319	ug/l	99
26) 2,2-Dichloropropane	6.99	77	150252	21.400	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	102510	21.373	ug/l	98
28) Bromochloromethane	7.34	49	65009	18.907	ug/l	93
29) Tetrahydrofuran	7.35	42	105003	97.367	ug/l	96
30) Chloroform	7.52	83	160559	20.972	ug/l	99
31) Cyclohexane	7.79	56	154565	20.303	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	144982	20.747	ug/l	100
36) 1,1-Dichloropropene	7.93	75	125693	20.442	ug/l	97
37) Ethyl Acetate	7.08	43	74736	20.216	ug/l	98
38) Carbon Tetrachloride	7.91	117	133819	20.918	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160721	21.082	ug/l	98
40) Benzene	8.16	78	354810	21.078	ug/l	97
41) Methacrylonitrile	7.35	41	99012	50.138	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	110660	20.780	ug/l	99
43) Isopropyl Acetate	8.28	43	138493	19.706	ug/l	97
44) Trichloroethene	8.94	130	104761	21.412	ug/l	99
45) 1,2-Dichloropropane	9.22	63	93197	20.579	ug/l	96
46) Dibromomethane	9.31	93	52288	20.672	ug/l	99
47) Bromodichloromethane	9.50	83	130853	21.127	ug/l	97
48) Methyl methacrylate	9.30	41	62226	19.452	ug/l	95
49) 1,4-Dioxane	9.30	88	12971	420.095	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	379228	104.400	ug/l	99
52) Toluene	10.24	92	226884	21.411	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	132655	20.429	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	152623	20.552	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	76258	21.696	ug/l	98
56) Ethyl methacrylate	10.51	69	105324	20.701	ug/l	97
57) 1,3-Dichloropropane	10.79	76	126228	20.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	236174	90.507	ug/l	100
59) 2-Hexanone	10.83	43	255938	100.804	ug/l	99
60) Dibromochloromethane	10.99	129	95840	21.307	ug/l	99
61) 1,2-Dibromoethane	11.09	107	72354	20.881	ug/l	99
64) Tetrachloroethene	10.72	164	105748	21.421	ug/l	96
65) Chlorobenzene	11.52	112	244059	21.220	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	95099	21.178	ug/l	99
67) Ethyl Benzene	11.59	91	445877	21.190	ug/l	99
68) m/p-Xylenes	11.70	106	331896	42.381	ug/l	99
69) o-Xylene	12.03	106	156018	21.142	ug/l	99
70) Styrene	12.04	104	267041	21.182	ug/l	99
71) Bromoform	12.20	173	63437	21.186	ug/l	99
73) Isopropylbenzene	12.33	105	429813	21.199	ug/l	100
74) N-amyl acetate	12.14	43	130433	19.761	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	87412	21.364	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	118499	38.649	ug/l #	100
77) Bromobenzene	12.61	156	107794	20.736	ug/l	98
78) n-propylbenzene	12.67	91	518634	21.270	ug/l	100
79) 2-Chlorotoluene	12.75	91	286511	21.051	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	362868	21.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31637	20.076	ug/l	95
82) 4-Chlorotoluene	12.85	91	300386	21.198	ug/l	100
83) tert-Butylbenzene	13.08	119	318470	21.318	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	361863	21.108	ug/l	99
85) sec-Butylbenzene	13.25	105	438207	21.281	ug/l	99
86) p-Isopropyltoluene	13.37	119	403729	21.159	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	205338	21.157	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	202584	21.168	ug/l	98
89) n-Butylbenzene	13.69	91	388504	21.281	ug/l	99
90) Hexachloroethane	13.96	117	80632	21.282	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	186815	21.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14874	20.536	ug/l	94

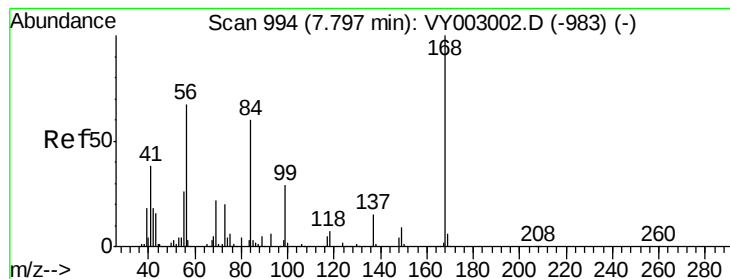
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070120\
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QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	139143	21.504	ug/l	99
94) Hexachlorobutadiene	15.11	225	88842	21.768	ug/l	97
95) Naphthalene	15.23	128	252973	21.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	121004	21.537	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: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

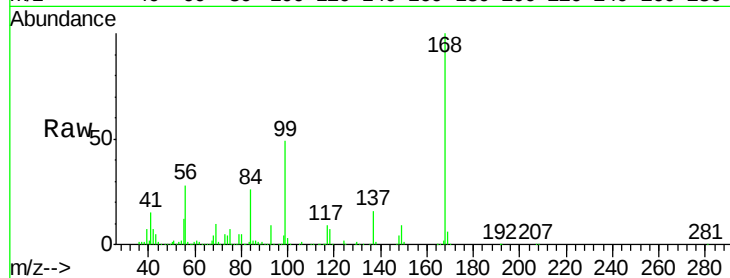
VY0701SBSD01

Tgt Ion:168 Resp: 435820

Ion Ratio Lower Upper

168 100

99 49.3 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

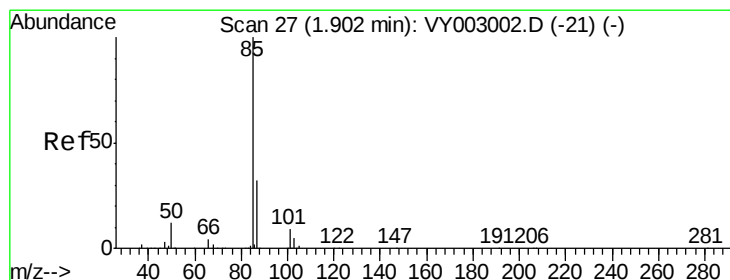
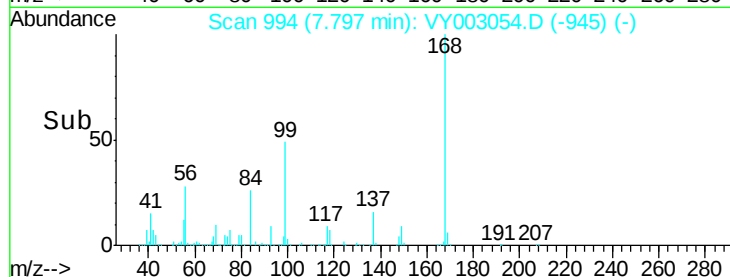
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.329 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003054.D

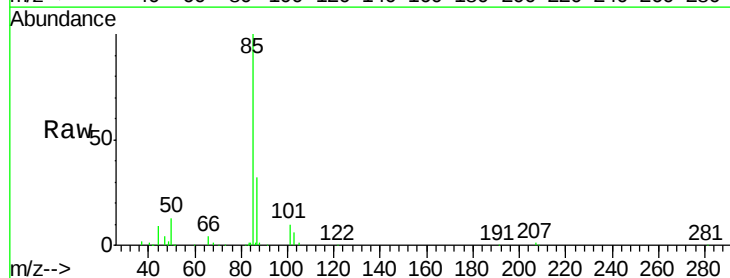
Acq: 01 Jul 2020 13:14

Tgt Ion: 85 Resp: 63798

Ion Ratio Lower Upper

85 100

87 31.7 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) (-)

1.90

40000

30000

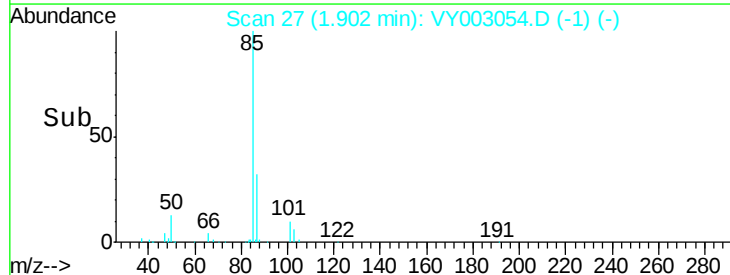
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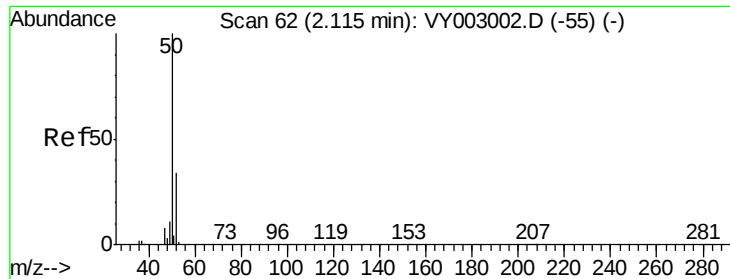
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.741 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

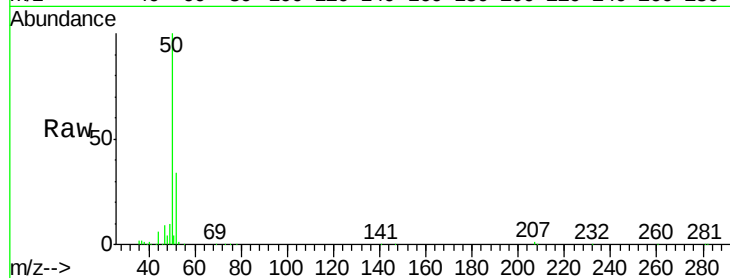
VY0701SBSD01

Tgt Ion: 50 Resp: 85748

Ion Ratio Lower Upper

50 100

52 33.7 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

60000

50000

40000

30000

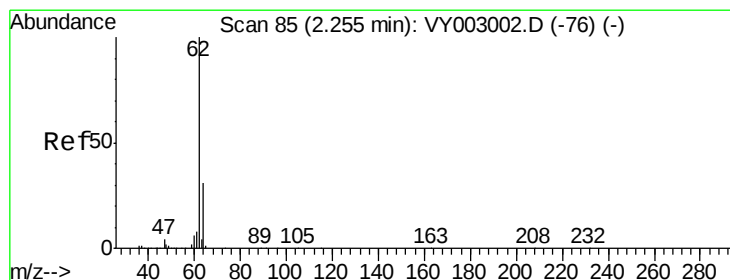
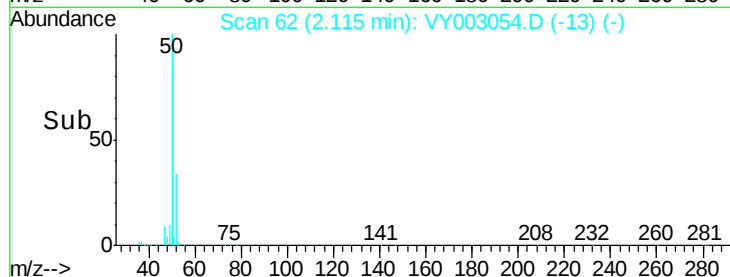
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10000

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Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.655 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003054.D

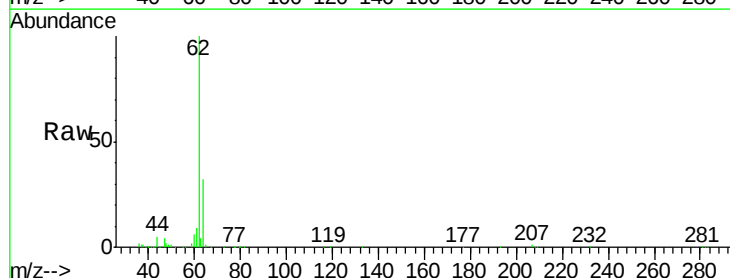
Acq: 01 Jul 2020 13:14

Tgt Ion: 62 Resp: 97382

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

60000

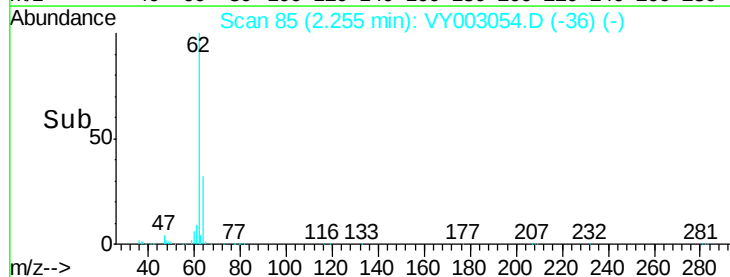
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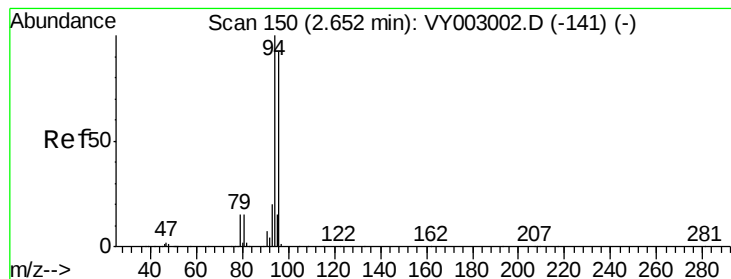
20000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 22.103 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

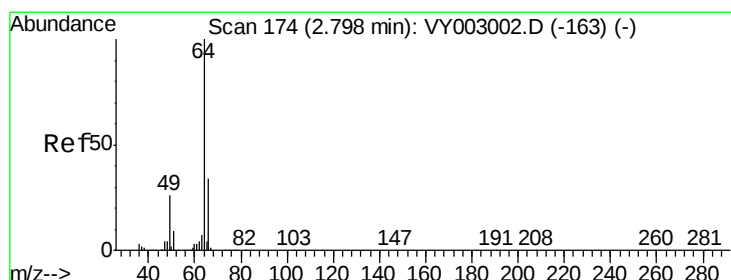
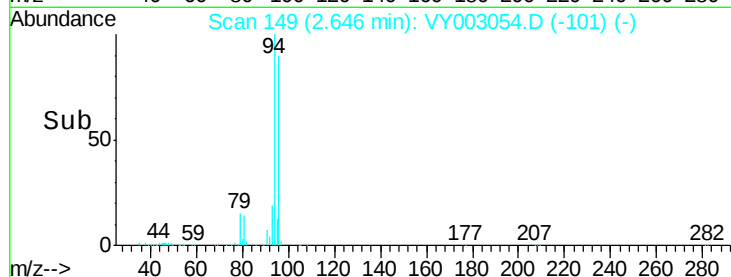
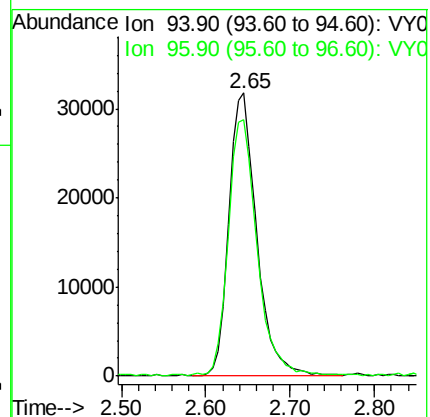
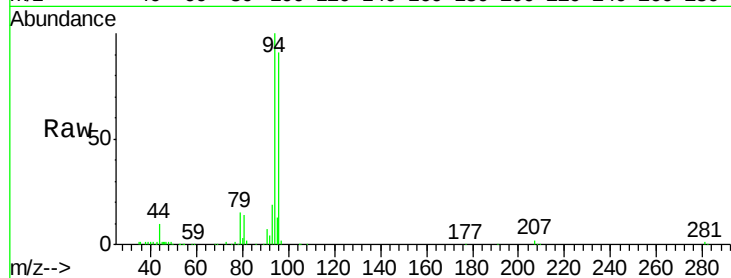
VY0701SBSD01

Tgt Ion: 94 Resp: 70754

Ion Ratio Lower Upper

94 100

96 90.3 73.4 110.2



#6

Chloroethane

Concen: 21.745 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003054.D

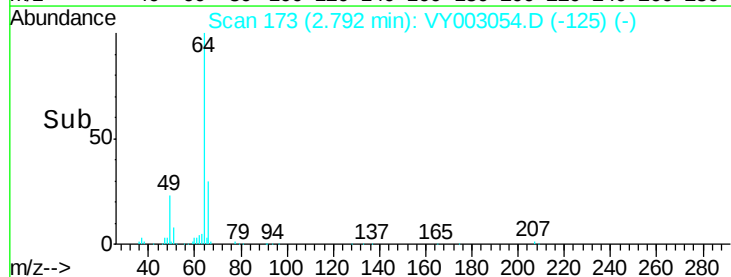
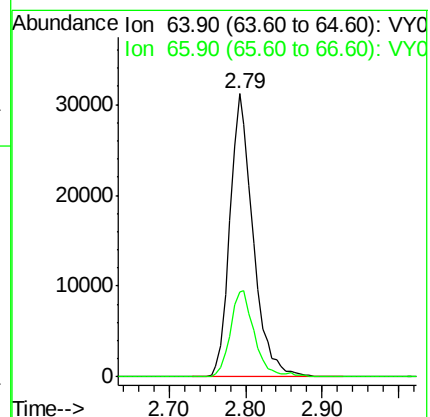
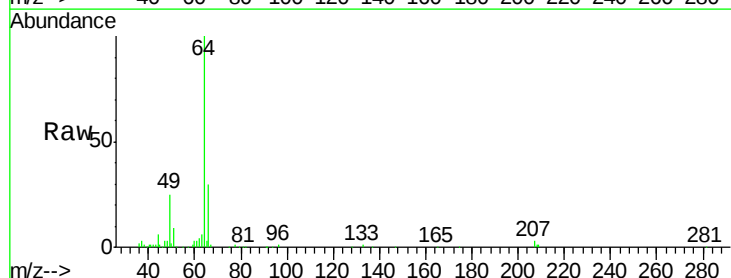
Acq: 01 Jul 2020 13:14

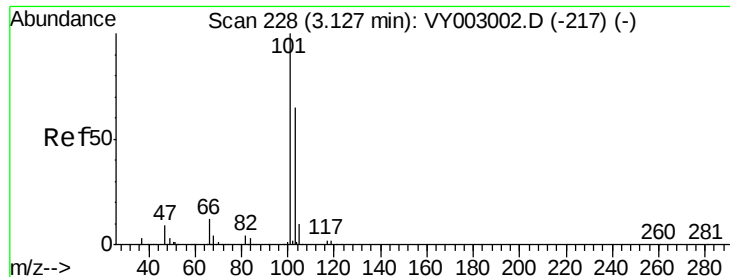
Tgt Ion: 64 Resp: 65217

Ion Ratio Lower Upper

64 100

66 30.2 27.0 40.4



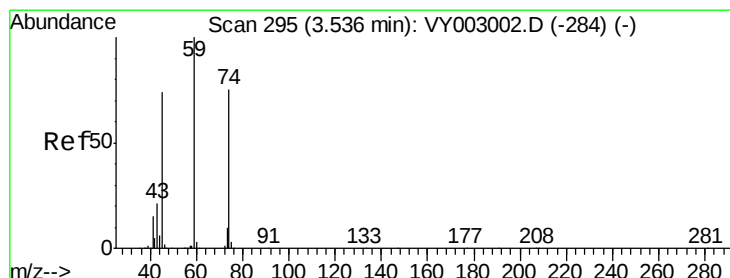
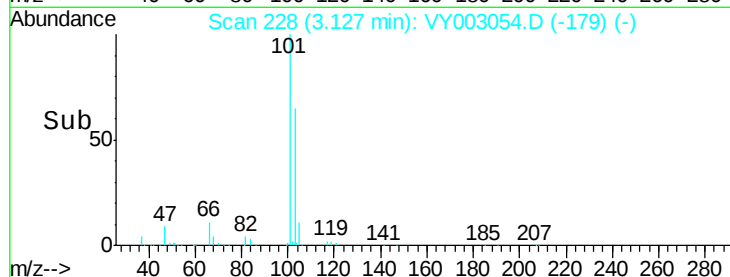
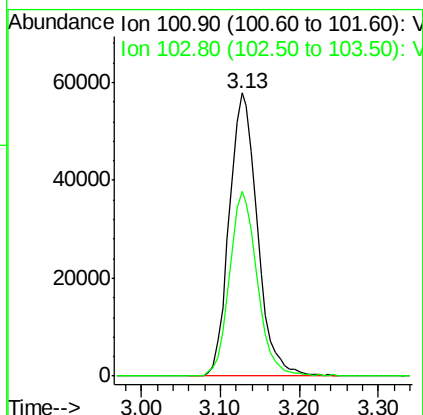
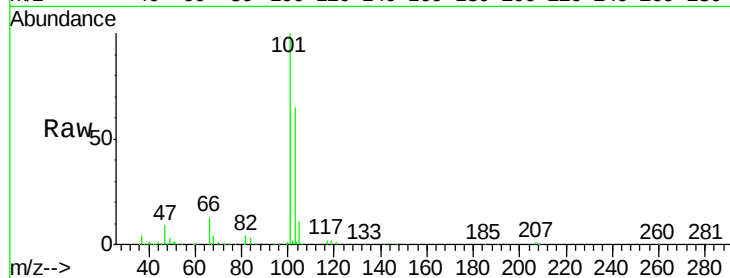


#7

Trichlorofluoromethane
 Concen: 21.584 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
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 VY0701SBSD01

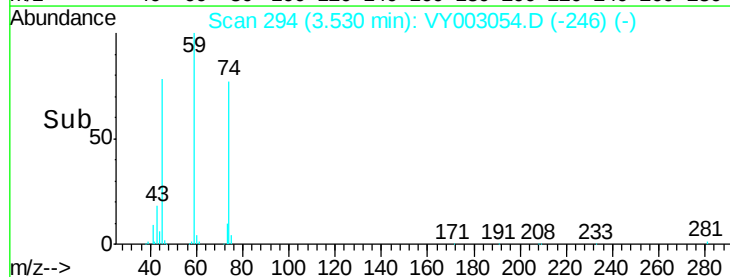
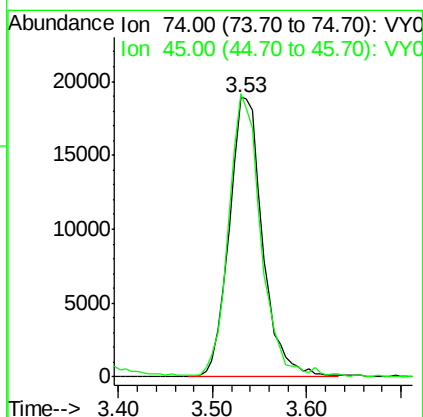
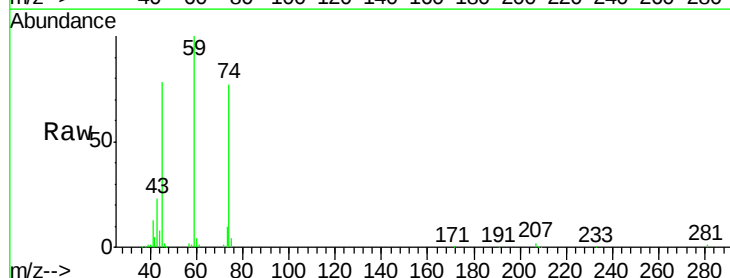
Tgt Ion: 101 Resp: 143629
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.6 77.4

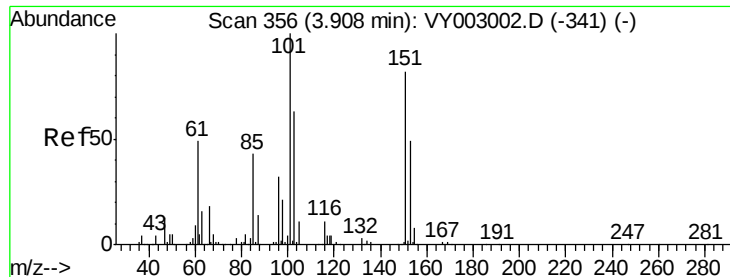


#8

Diethyl Ether
 Concen: 20.425 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 74 Resp: 46593
 Ion Ratio Lower Upper
 74 100
 45 95.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.548 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

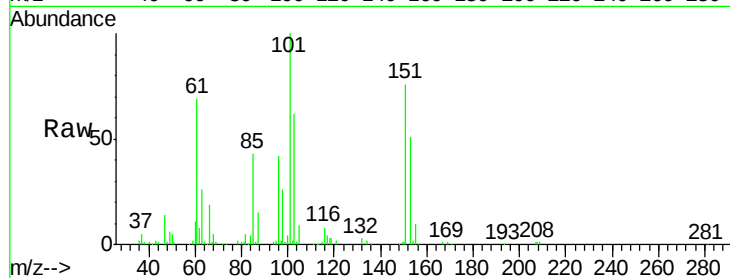
Tgt Ion:101 Resp: 85614

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

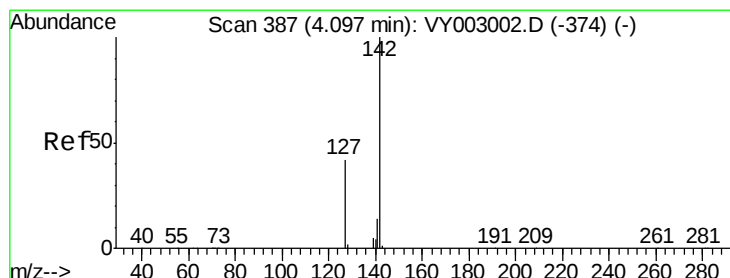
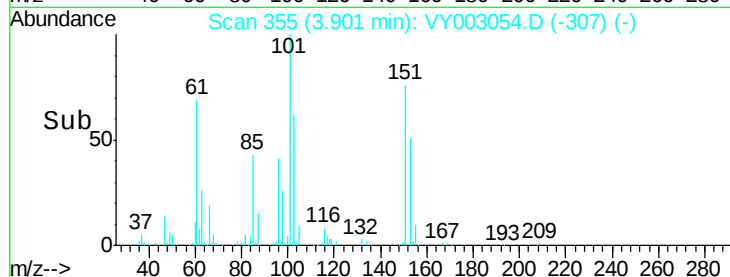
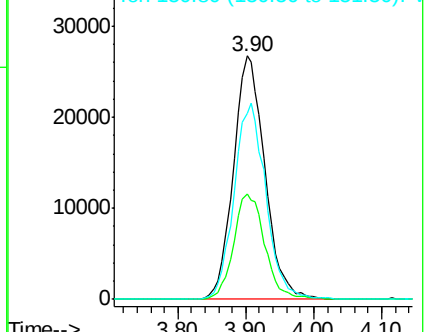
151 81.7 65.5 98.3



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: 20.555 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

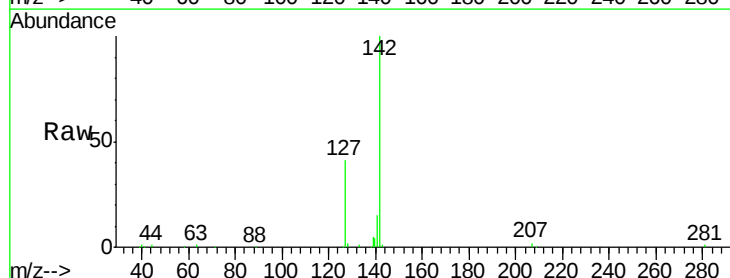
Tgt Ion:142 Resp: 101270

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

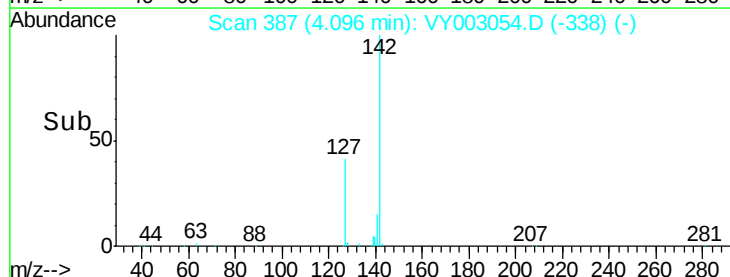
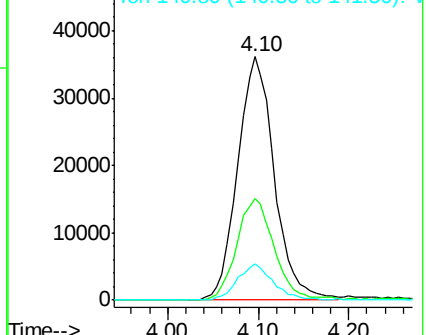
141 14.4 11.7 17.5

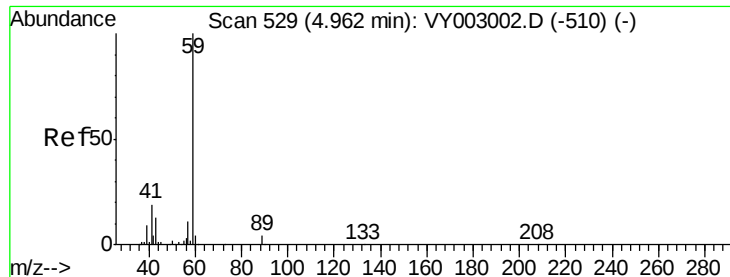


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



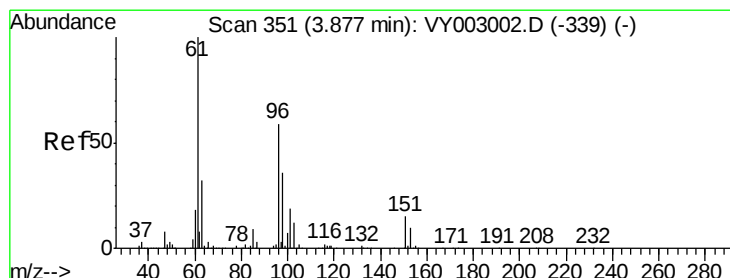
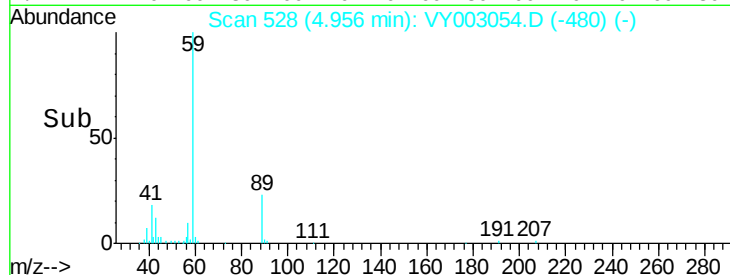
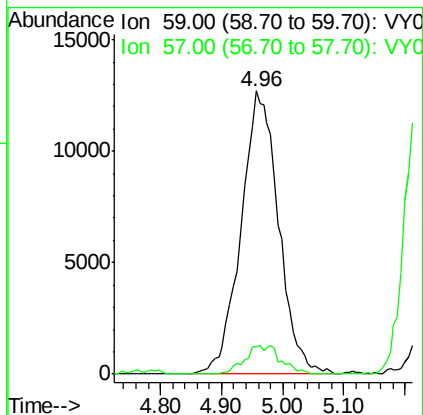
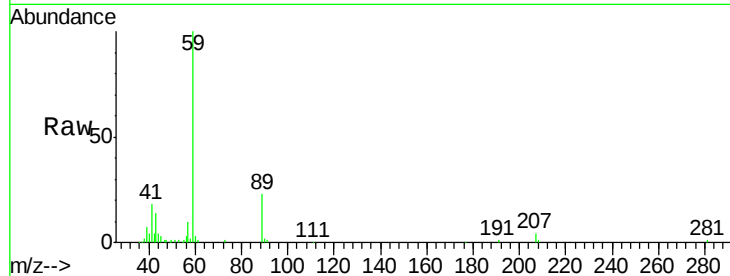


#11

Tert butyl alcohol
 Concen: 122.539 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

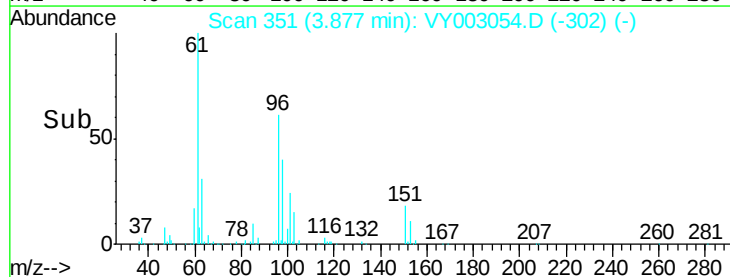
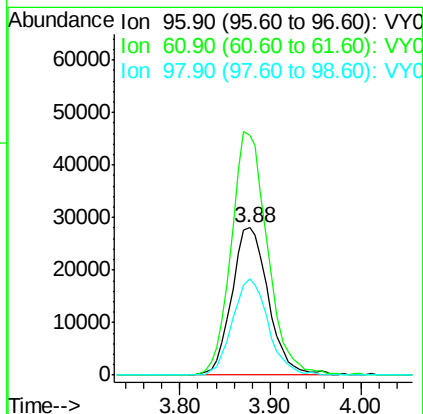
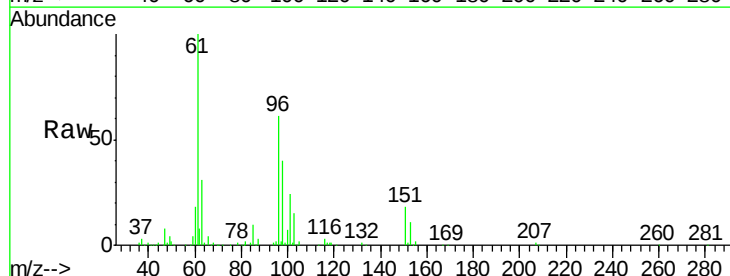
Tgt Ion: 59 Resp: 54056
 Ion Ratio Lower Upper
 59 100
 57 5.3 8.0 12.0#

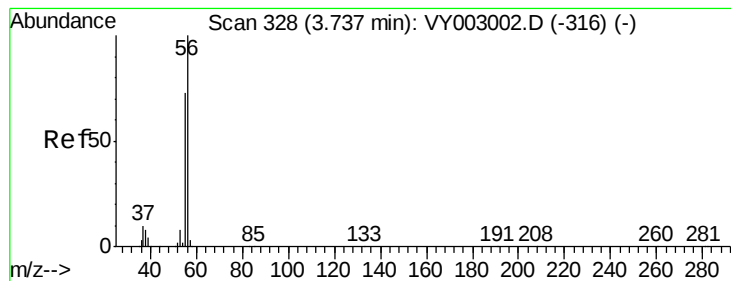


#12

1,1-Dichloroethene
 Concen: 20.806 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 96 Resp: 78656
 Ion Ratio Lower Upper
 96 100
 61 162.8 136.7 205.1
 98 65.1 49.7 74.5





#13

Acrolein

Concen: 95.906 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

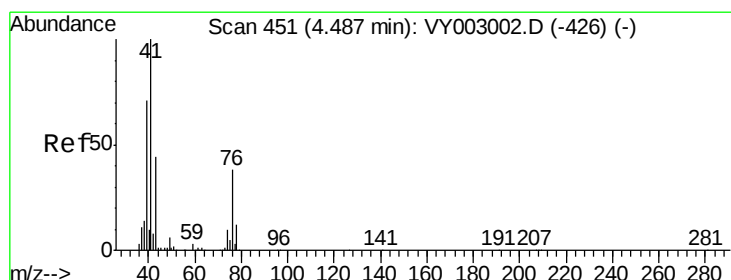
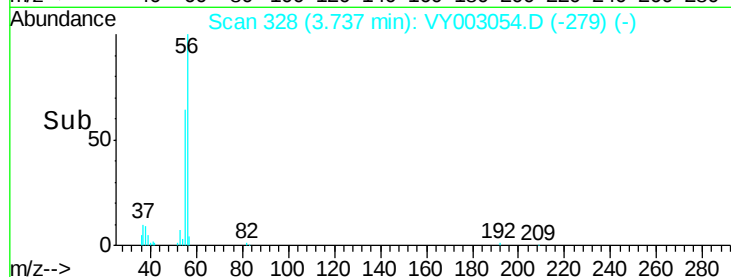
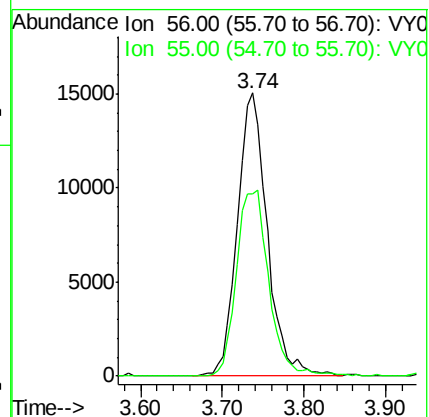
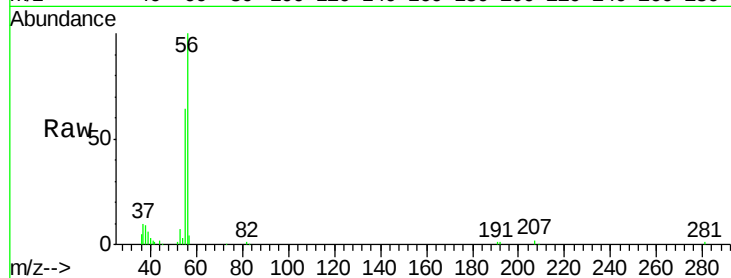
VY0701SBS01

Tgt Ion: 56 Resp: 37998

Ion Ratio Lower Upper

56 100

55 71.2 56.4 84.6



#14

Allyl chloride

Concen: 19.530 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

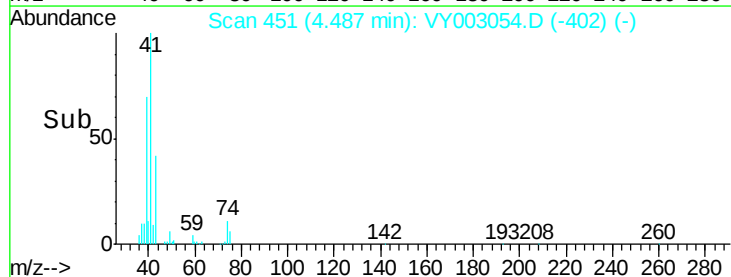
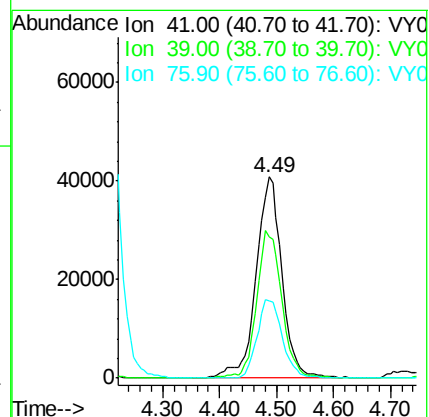
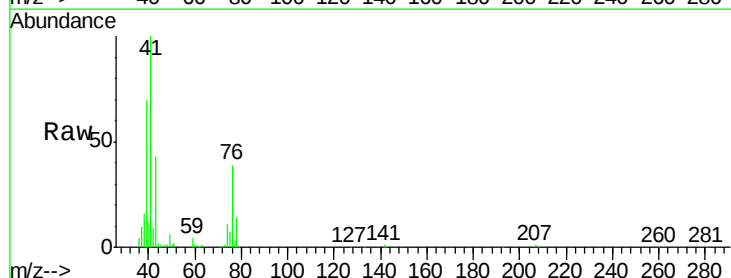
Tgt Ion: 41 Resp: 128910

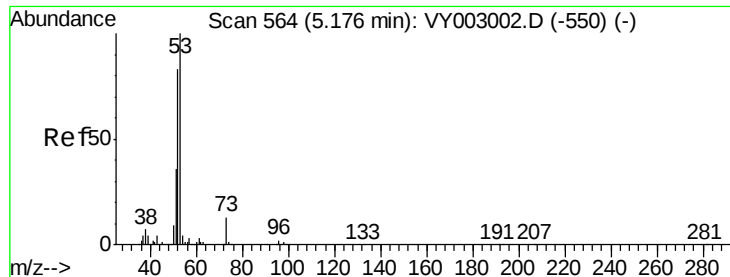
Ion Ratio Lower Upper

41 100

39 71.0 55.6 83.4

76 38.2 28.6 43.0





#15

Acrylonitrile

Concen: 101.098 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

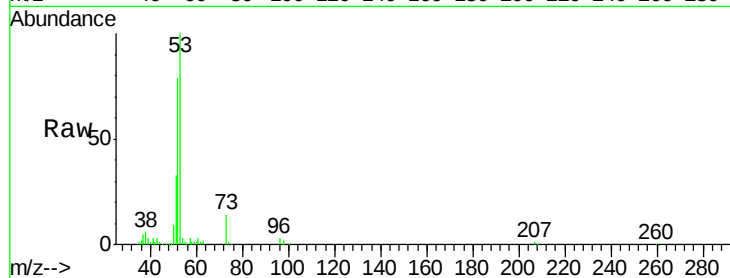
Tgt Ion: 53 Resp: 118860

Ion Ratio Lower Upper

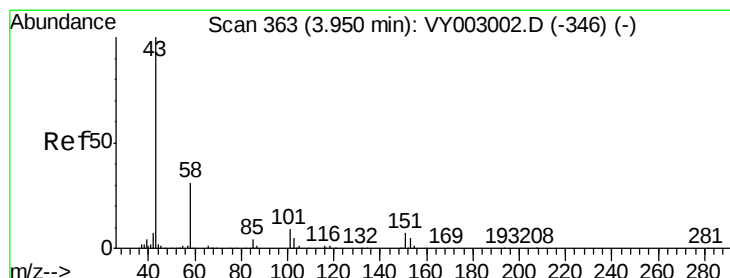
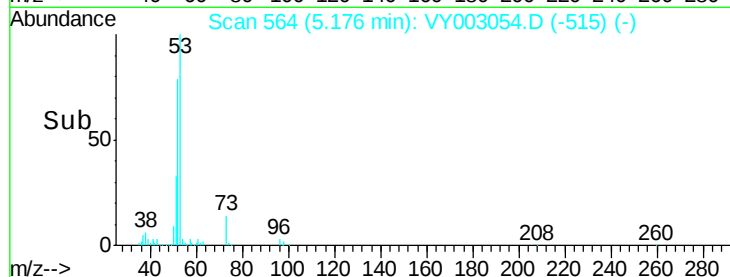
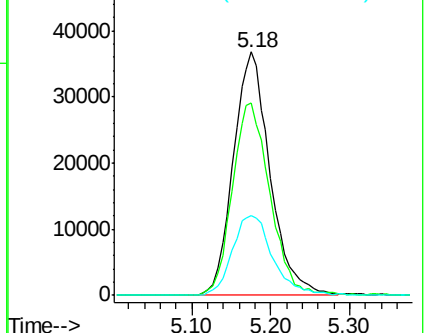
53 100

52 80.4 66.2 99.2

51 36.1 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: 99.936 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003054.D

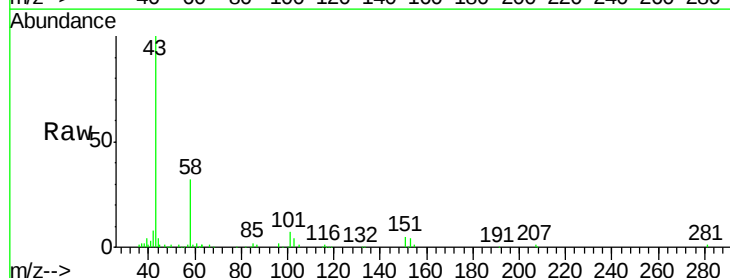
Acq: 01 Jul 2020 13:14

Tgt Ion: 43 Resp: 102023

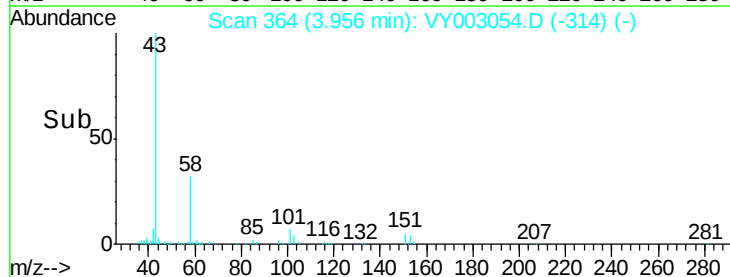
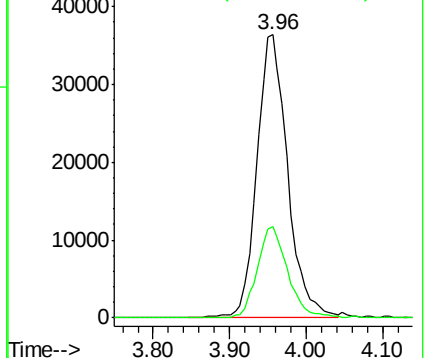
Ion Ratio Lower Upper

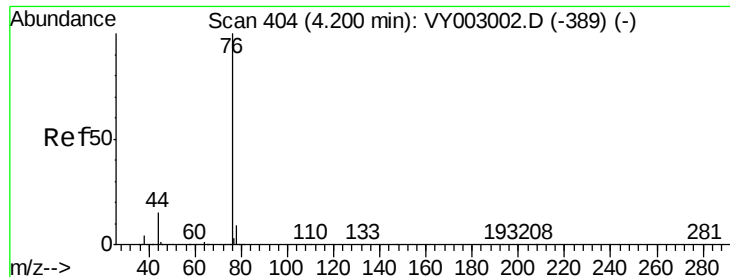
43 100

58 31.9 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: 20.474 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

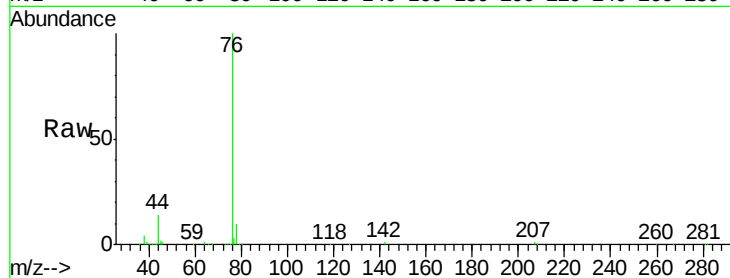
VY0701SBSD01

Tgt Ion: 76 Resp: 247297

Ion Ratio Lower Upper

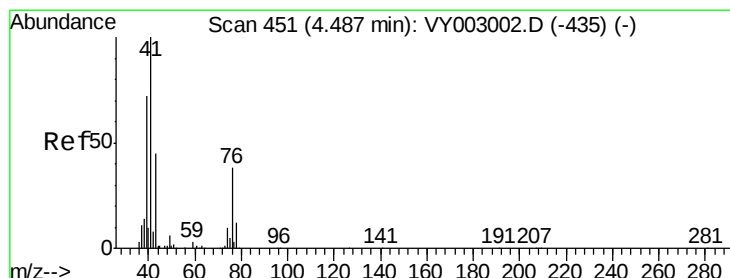
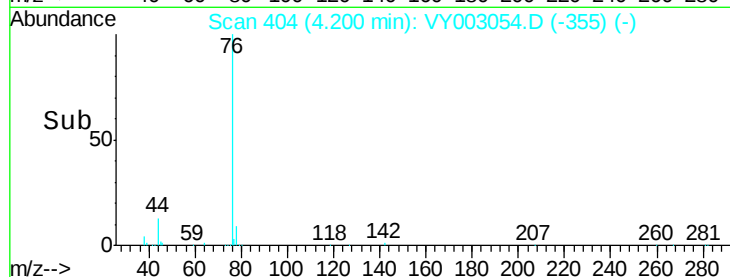
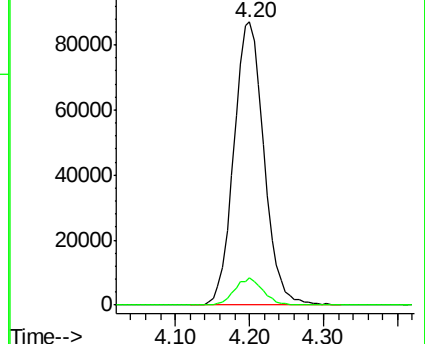
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.581 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003054.D

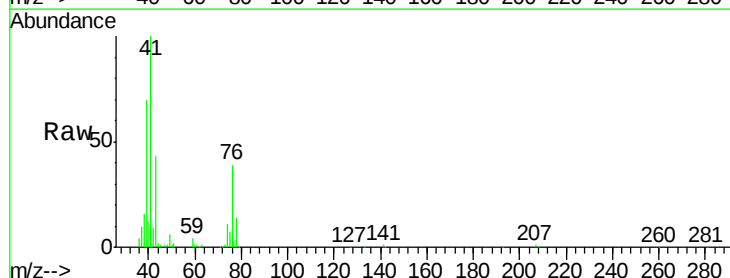
Acq: 01 Jul 2020 13:14

Tgt Ion: 43 Resp: 51106

Ion Ratio Lower Upper

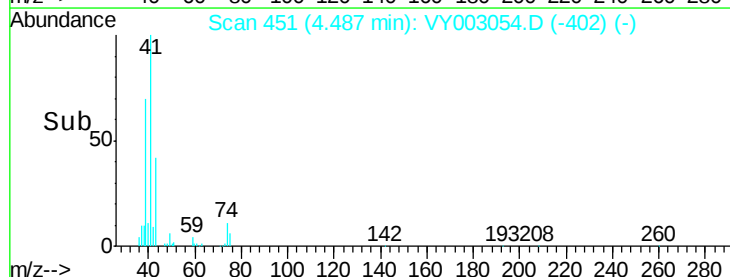
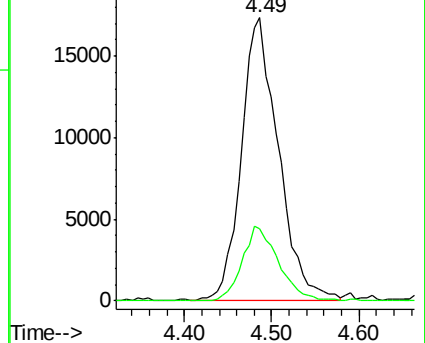
43 100

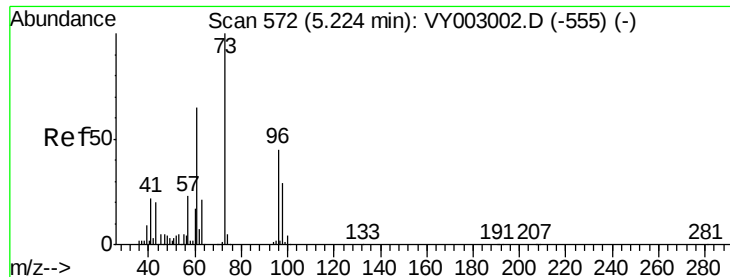
74 25.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



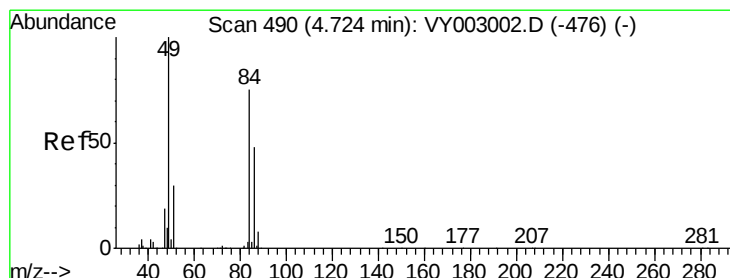
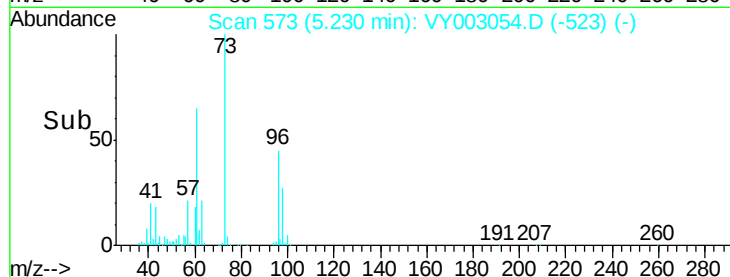
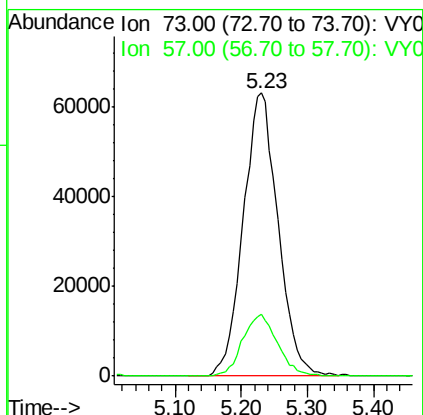
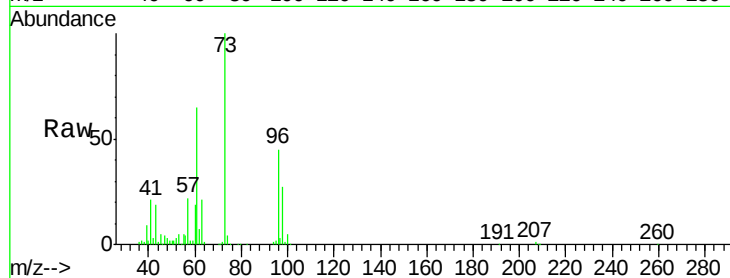


#19

Methyl tert-butyl Ether
 Concen: 20.948 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

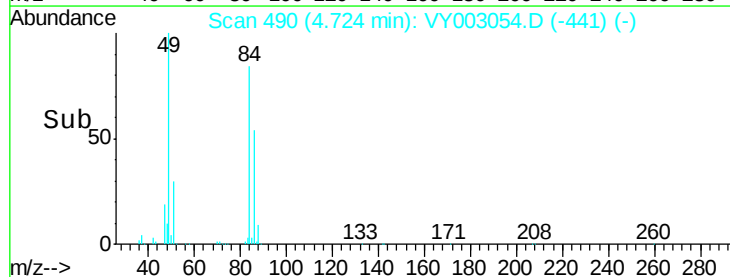
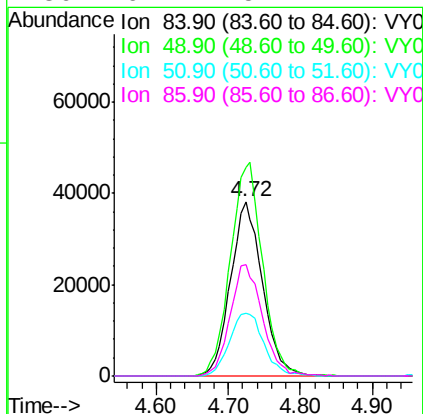
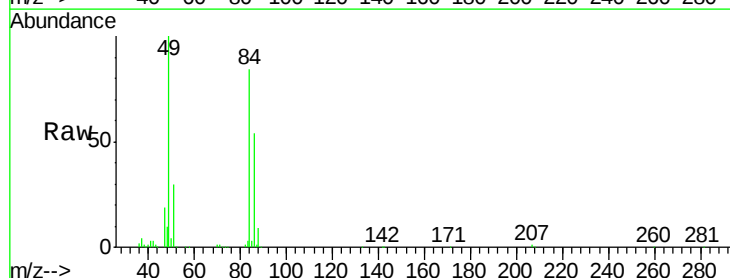
Tgt Ion: 73 Resp: 230832
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.2 27.2

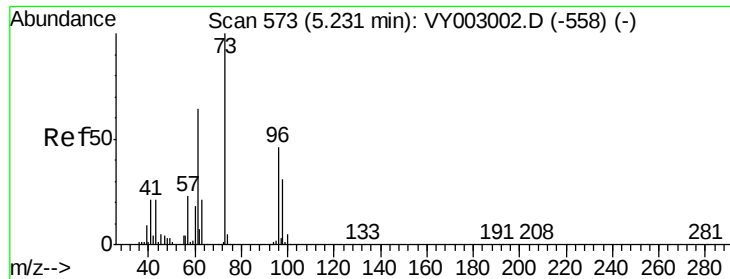


#20

Methylene Chloride
 Concen: 21.786 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 84 Resp: 117165
 Ion Ratio Lower Upper
 84 100
 49 119.6 106.8 160.2
 51 36.2 32.0 48.0
 86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.970 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

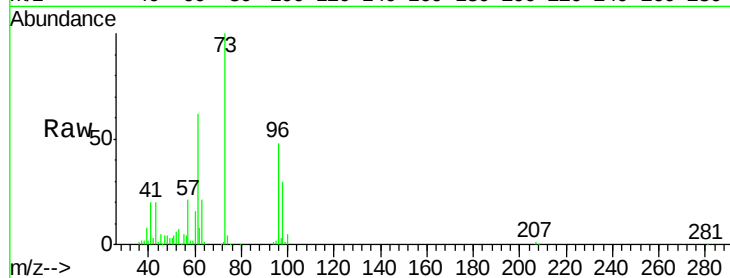
Tgt Ion: 96 Resp: 89673

Ion Ratio Lower Upper

96 100

61 127.8 112.3 168.5

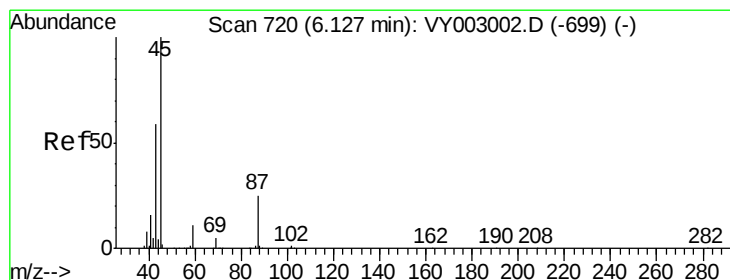
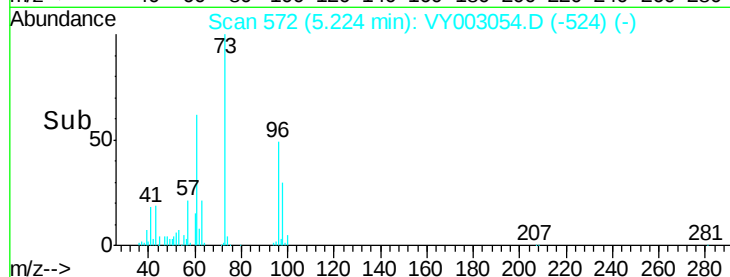
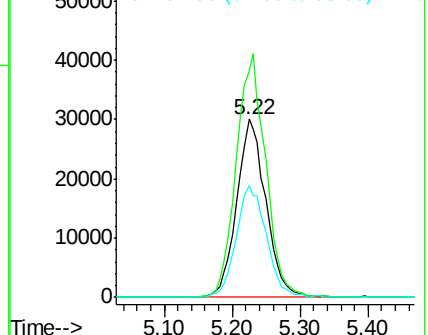
98 62.6 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.983 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion: 45 Resp: 282702

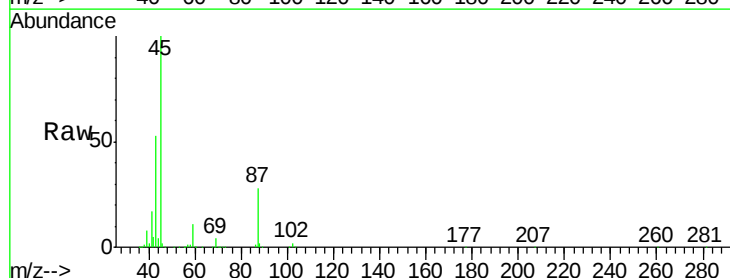
Ion Ratio Lower Upper

45 100

43 52.6 47.4 71.2

87 28.2 20.2 30.2

59 10.8 9.2 13.8

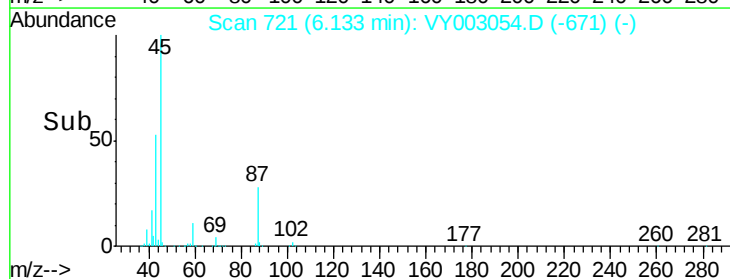
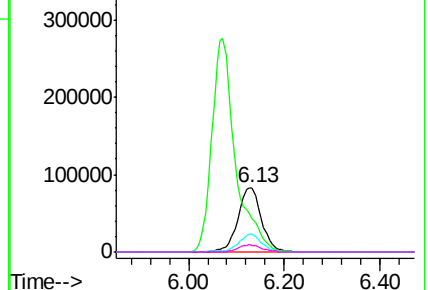


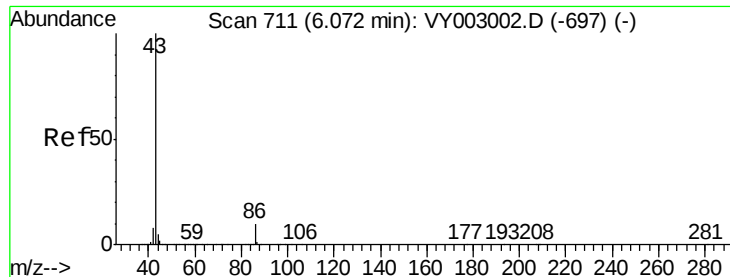
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.451 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

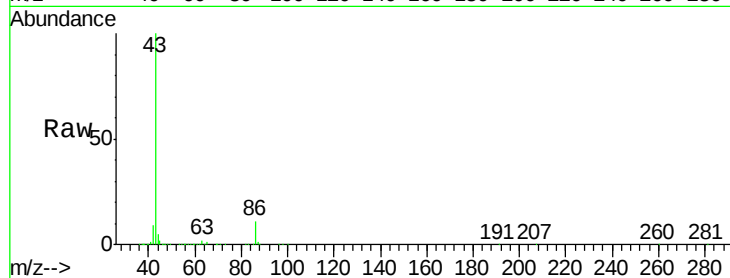
VY0701SBS01

Tgt Ion: 43 Resp: 940618

Ion Ratio Lower Upper

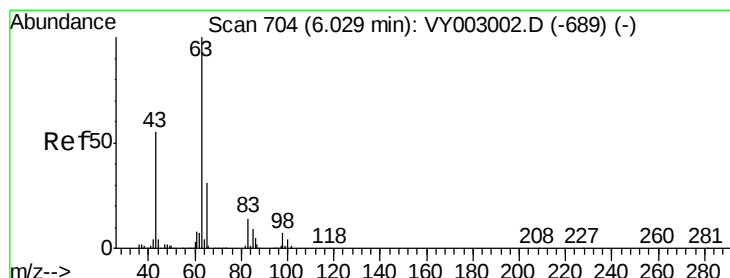
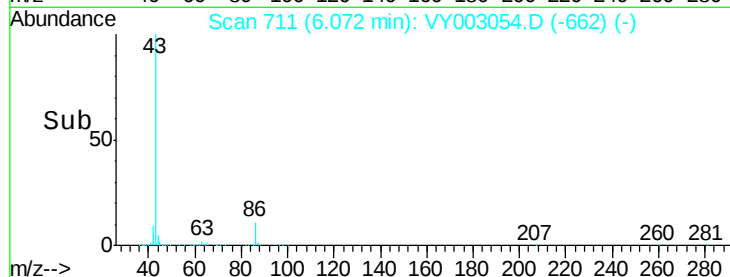
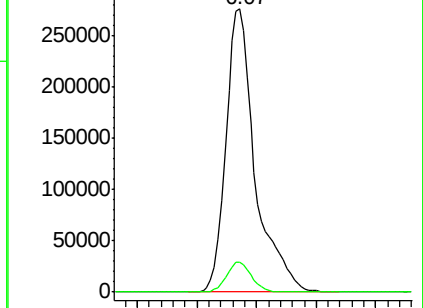
43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.639 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

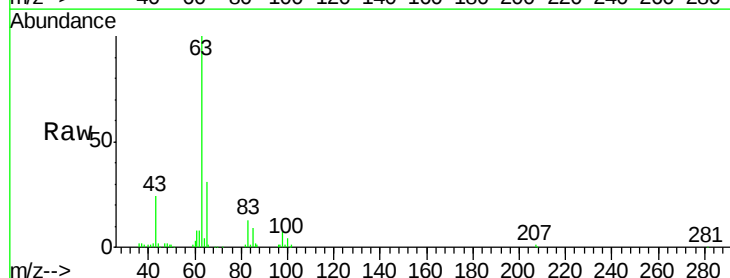
Tgt Ion: 63 Resp: 159496

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

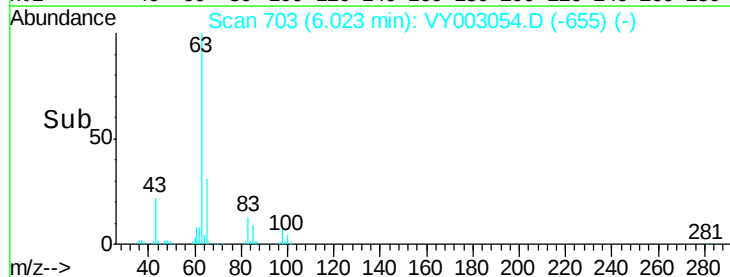
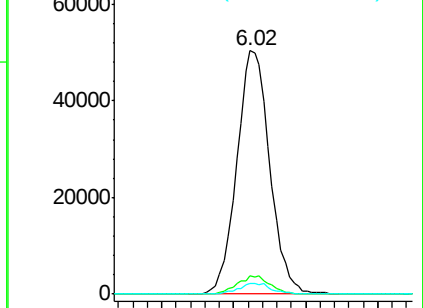
100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

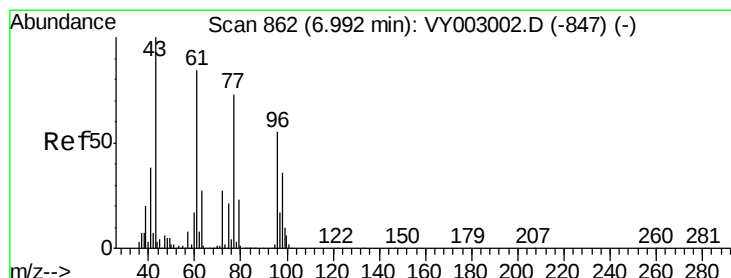
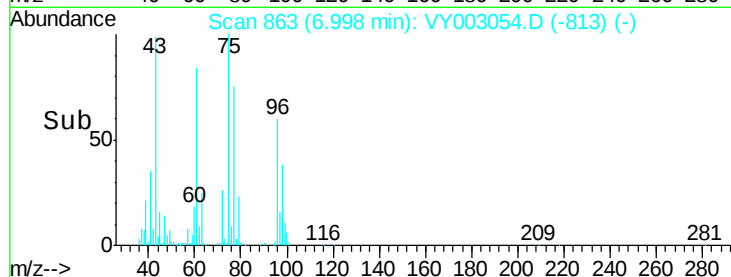
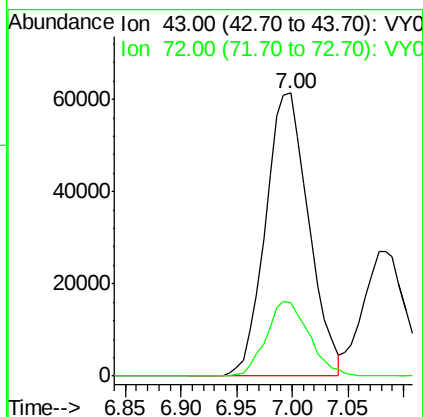
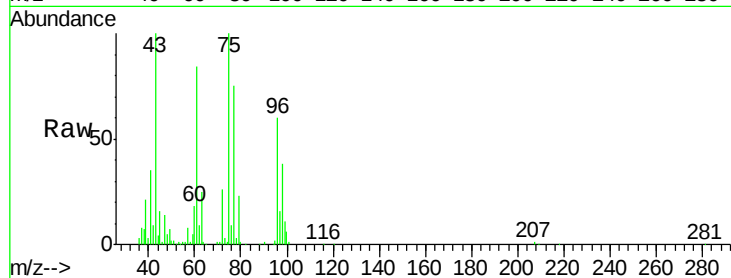




#25
2-Butanone
Concen: 102.319 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

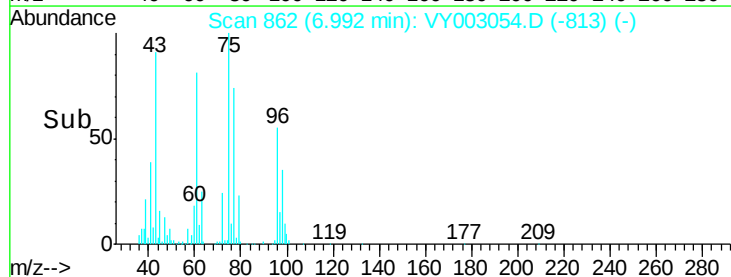
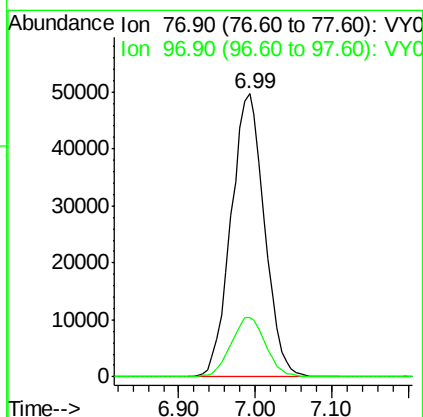
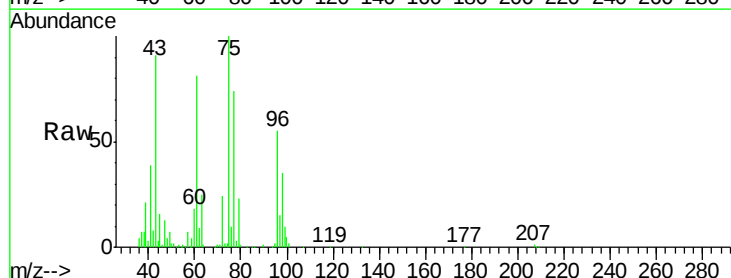
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

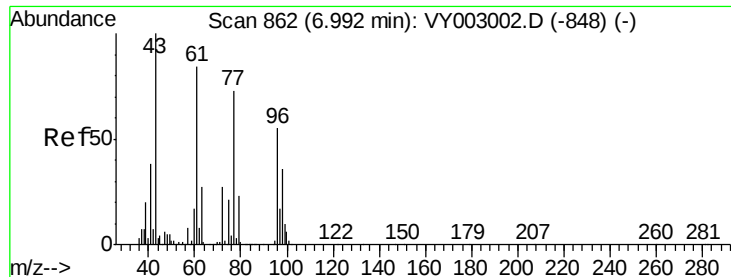
Tgt Ion: 43 Resp: 165928
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 21.400 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 77 Resp: 150252
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.9



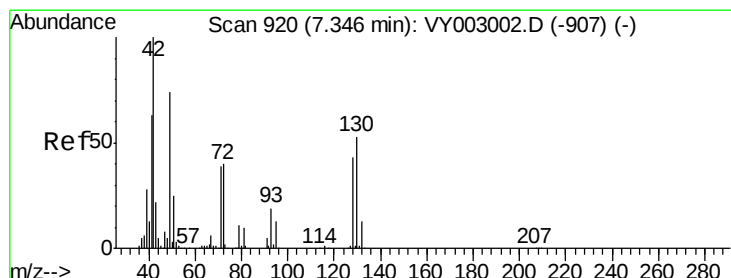
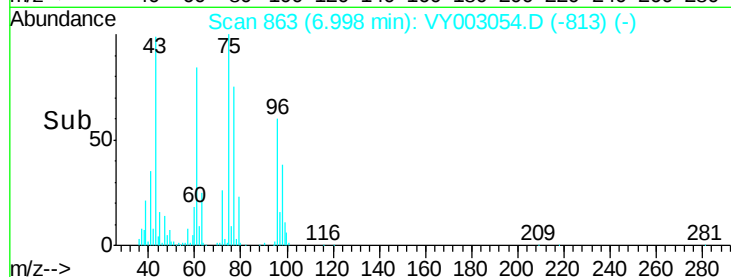
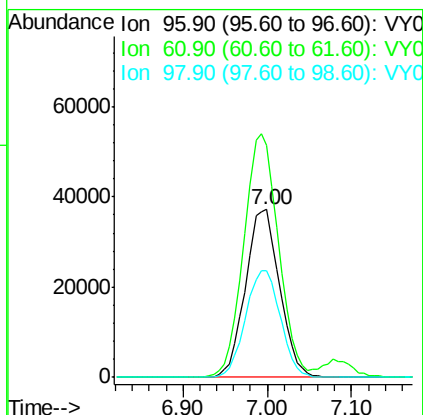
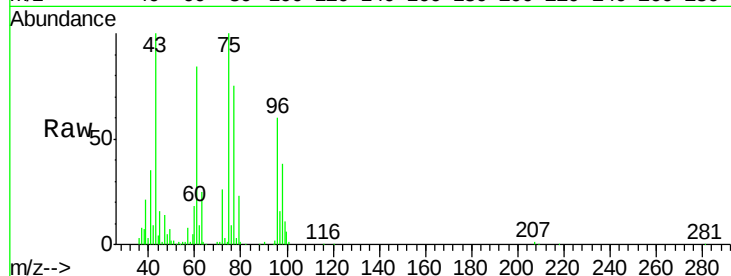


#27

cis-1,2-Dichloroethene
 Concen: 21.373 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

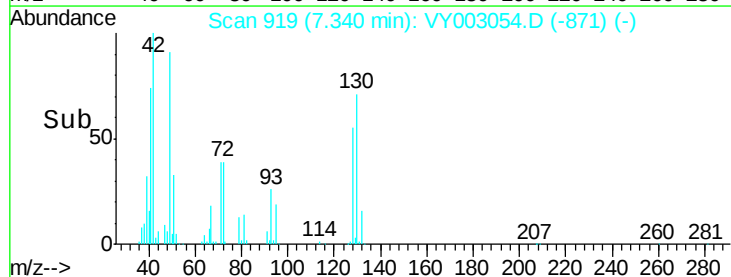
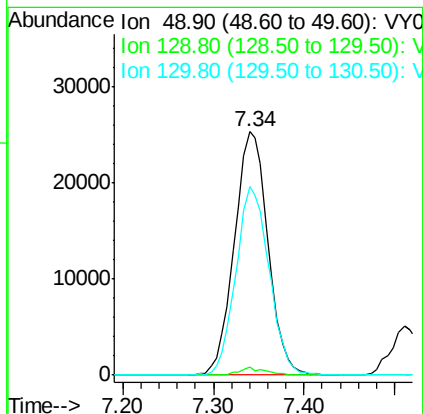
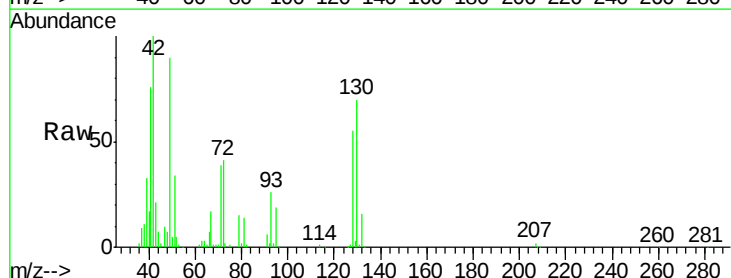
Tgt Ion: 96 Resp: 102510
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 301.2
 98 64.6 0.0 129.0

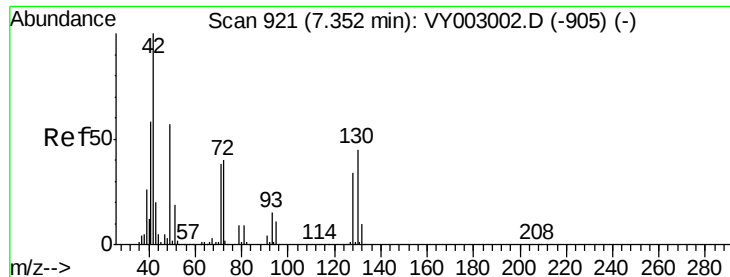


#28

Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 49 Resp: 65009
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 76.9 57.0 85.6





#29

Tetrahydrofuran

Concen: 97.367 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

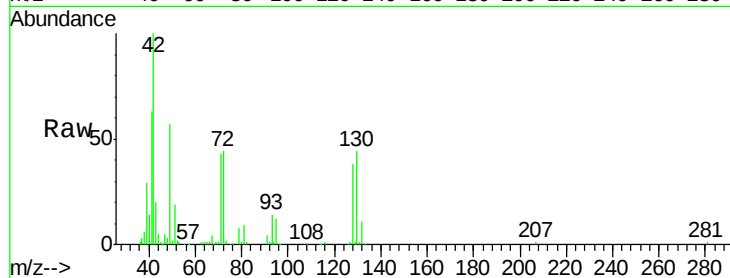
Tgt Ion: 42 Resp: 105003

Ion Ratio Lower Upper

42 100

72 43.4 32.9 49.3

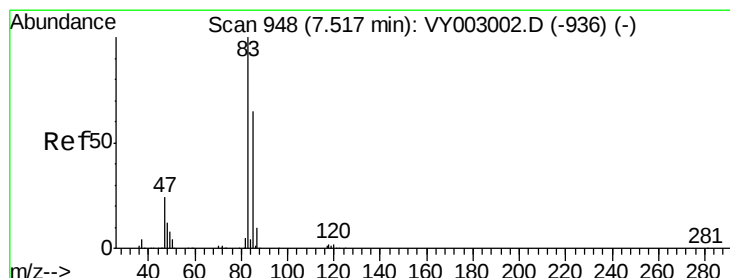
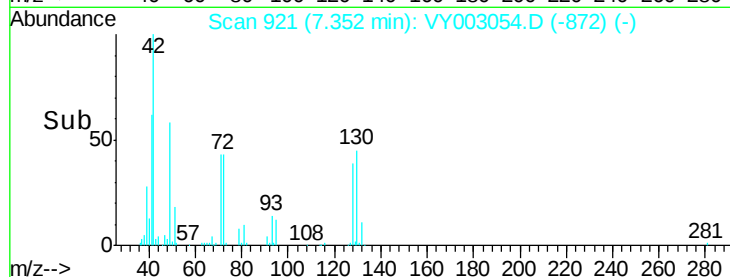
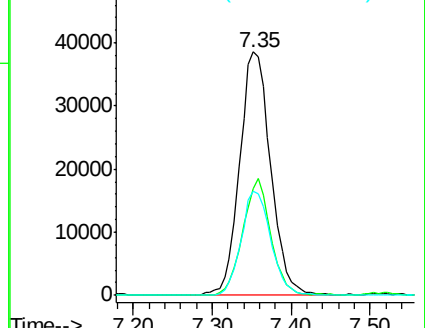
71 41.5 31.2 46.8



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: 20.972 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003054.D

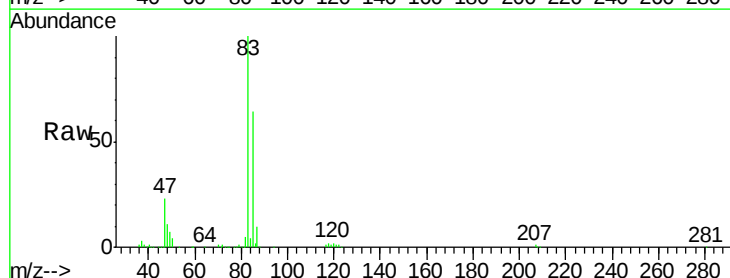
Acq: 01 Jul 2020 13:14

Tgt Ion: 83 Resp: 160559

Ion Ratio Lower Upper

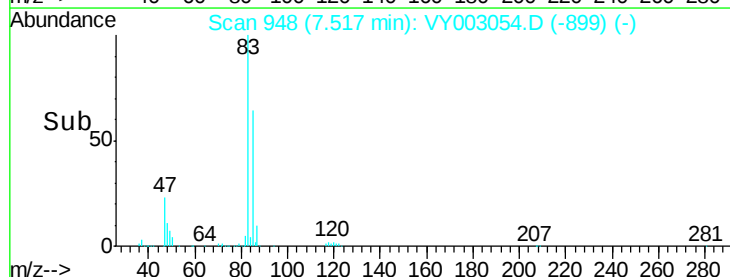
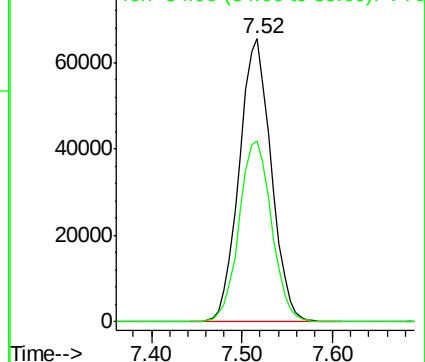
83 100

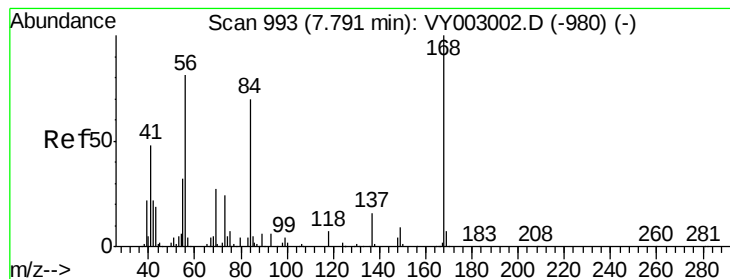
85 64.0 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.303 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

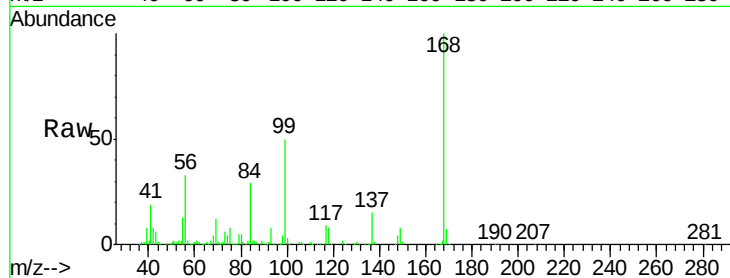
Tgt Ion: 56 Resp: 154565

Ion Ratio Lower Upper

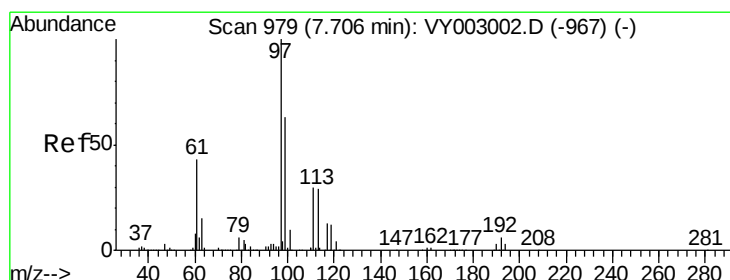
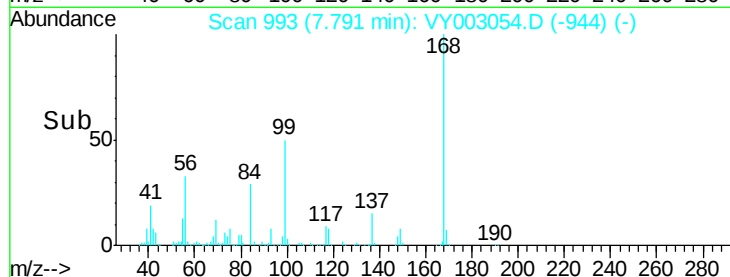
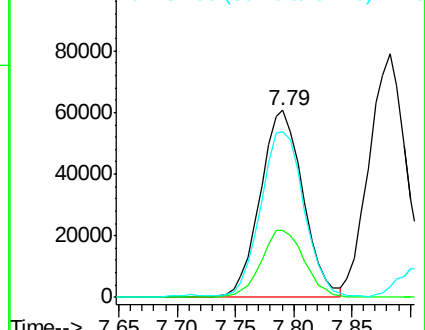
56 100

69 35.7 27.0 40.4

84 87.5 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: 20.747 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

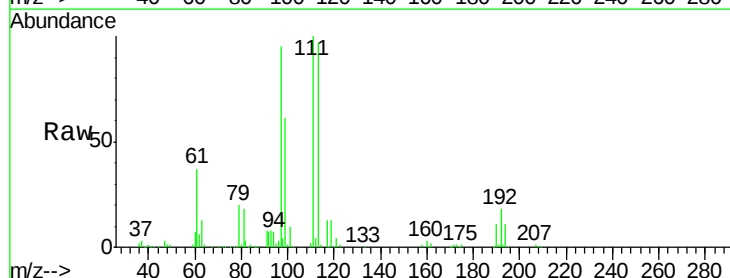
Tgt Ion: 97 Resp: 144982

Ion Ratio Lower Upper

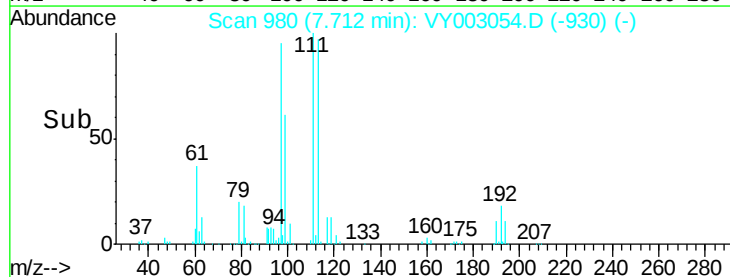
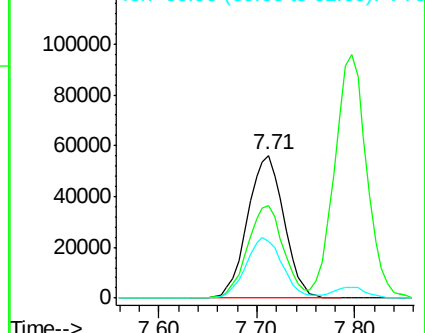
97 100

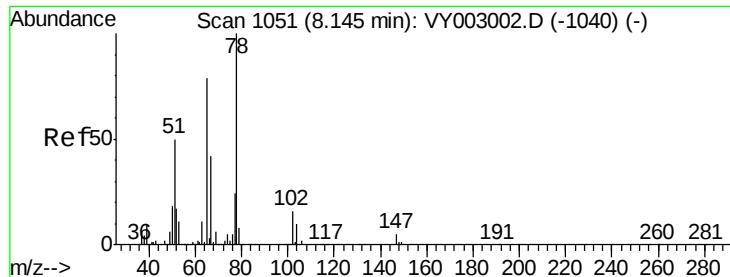
99 64.6 51.4 77.2

61 42.5 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

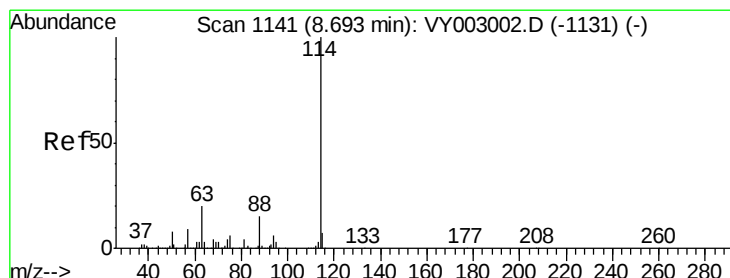
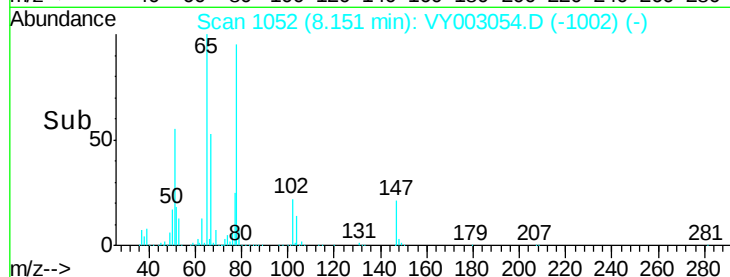
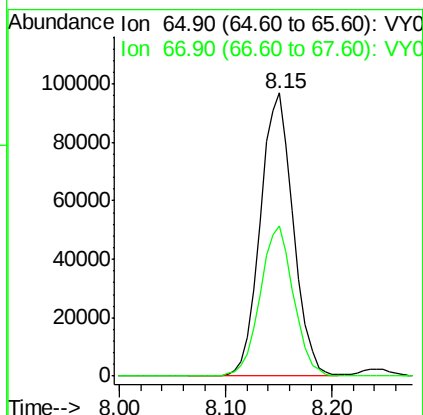
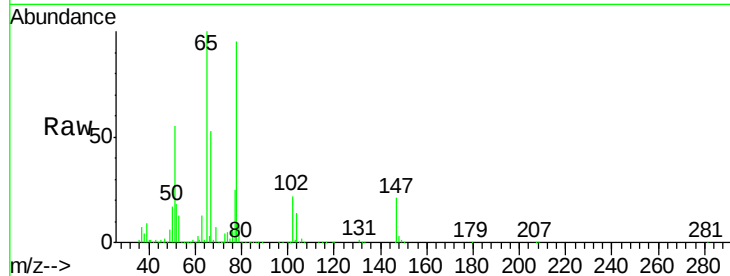




#33
 1,2-Dichloroethane-d4
 Concen: 48.404 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

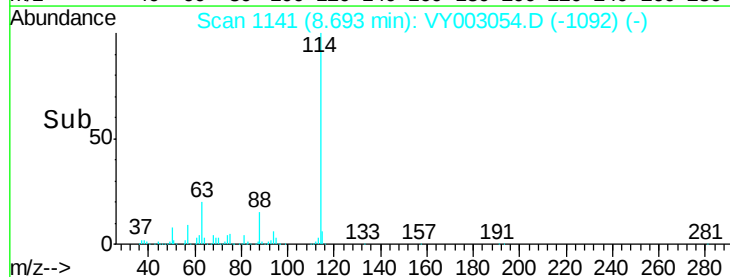
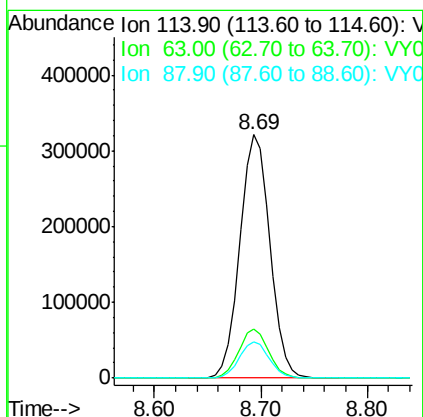
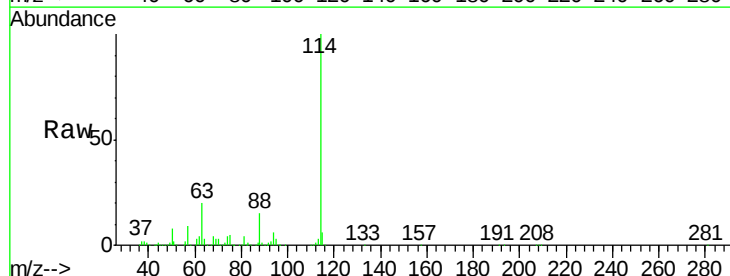
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

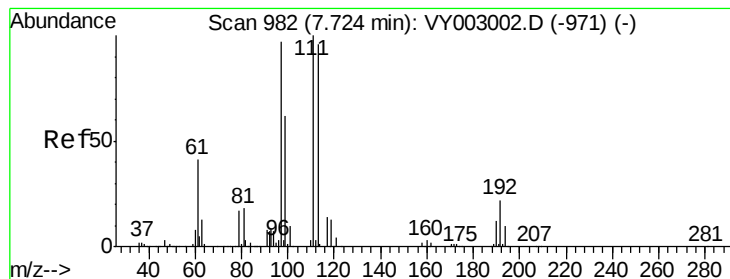
Tgt Ion: 65 Resp: 209522
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 114 Resp: 638329
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.352 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

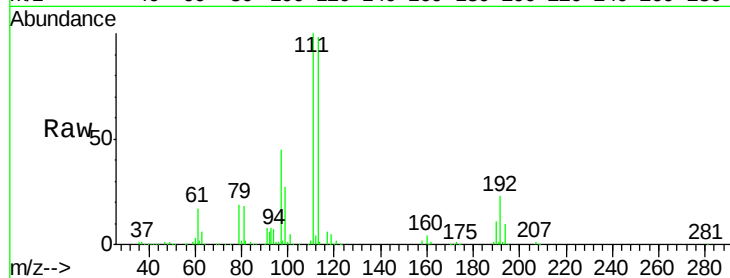
Tgt Ion: 113 Resp: 200501

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

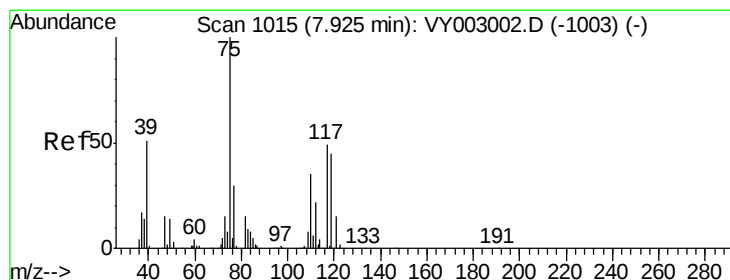
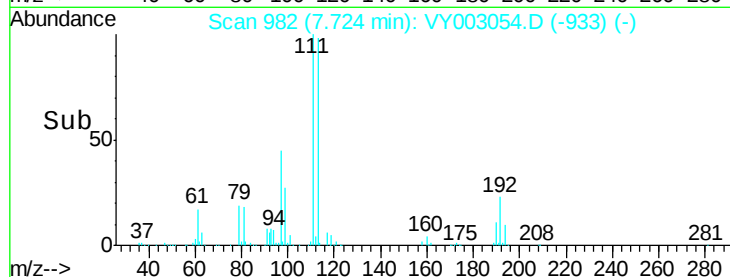
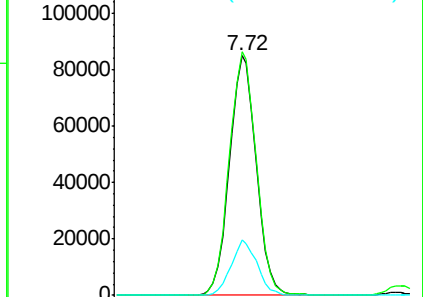
192 22.4 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.442 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

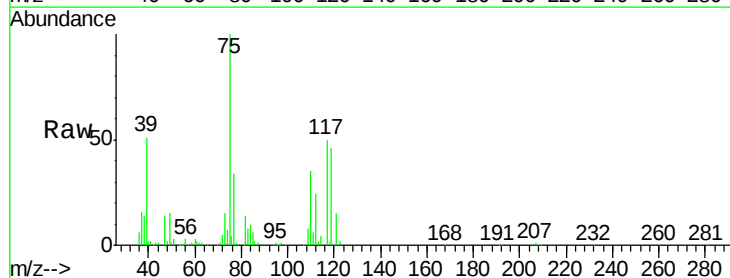
Tgt Ion: 75 Resp: 125693

Ion Ratio Lower Upper

75 100

110 36.8 17.1 51.2

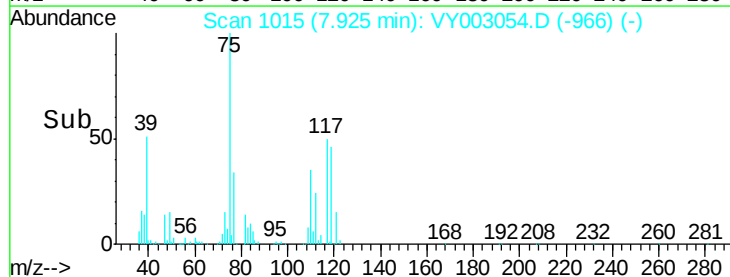
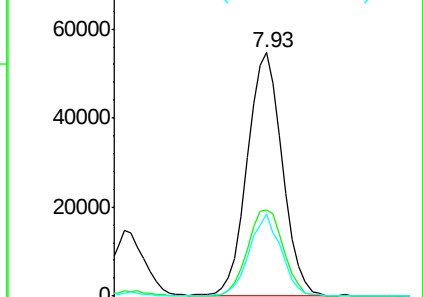
77 31.2 24.9 37.3

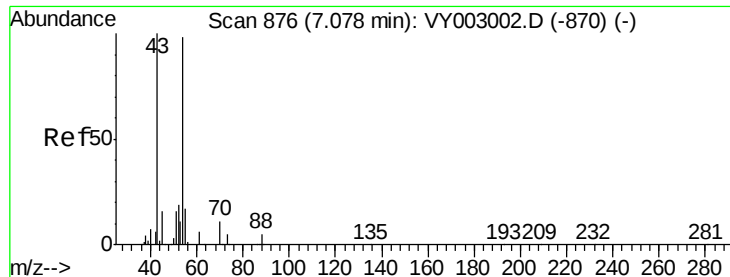


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

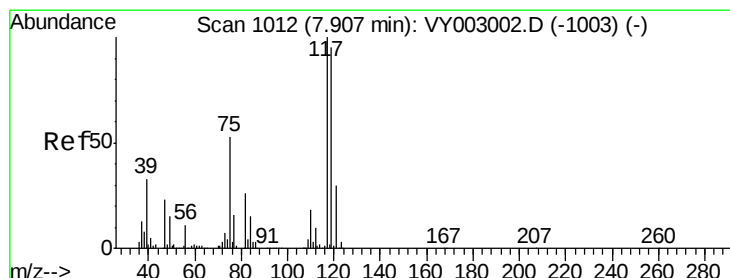
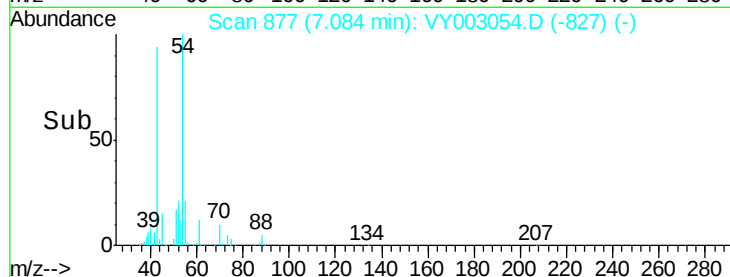
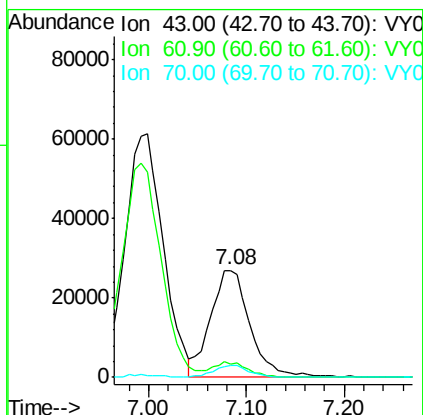
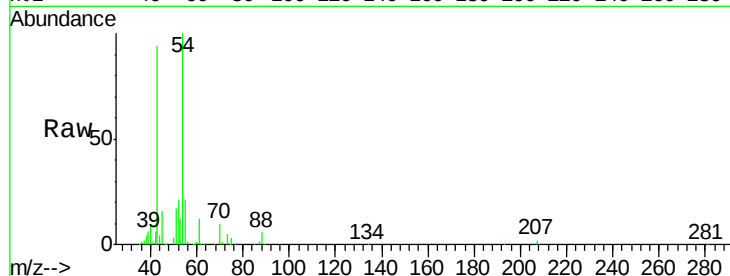




#37
Ethyl Acetate
Concen: 20.216 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

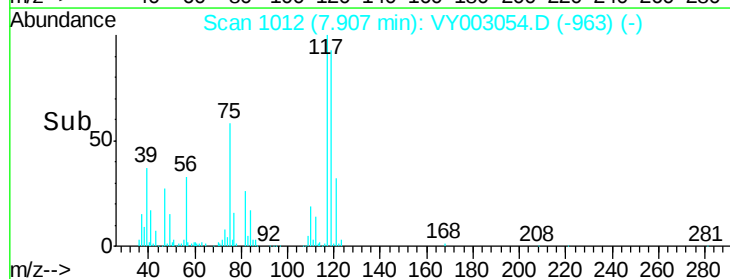
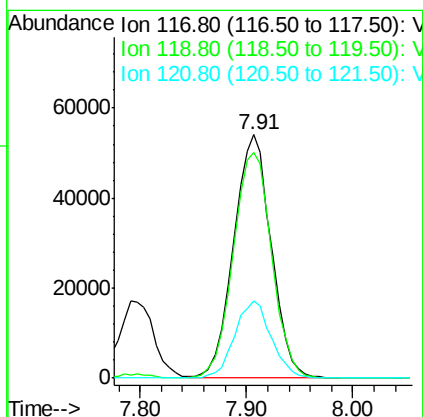
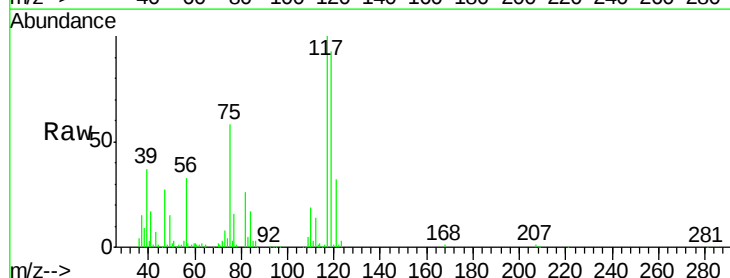
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

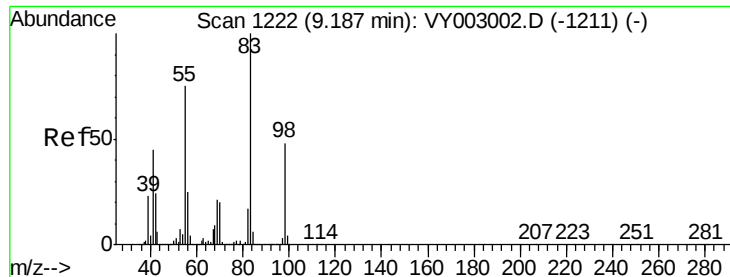
Tgt Ion: 43 Resp: 74736
Ion Ratio Lower Upper
43 100
61 11.9 10.4 15.6
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.918 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 117 Resp: 133819
Ion Ratio Lower Upper
117 100
119 92.6 75.7 113.5
121 31.8 23.9 35.9

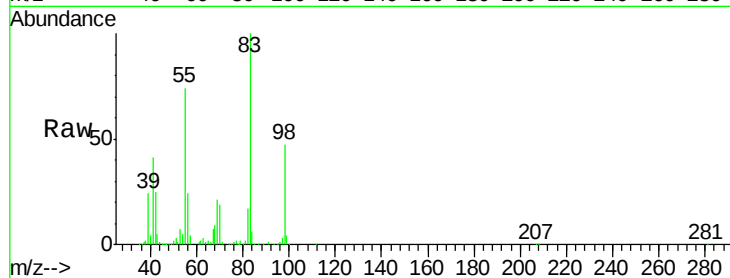




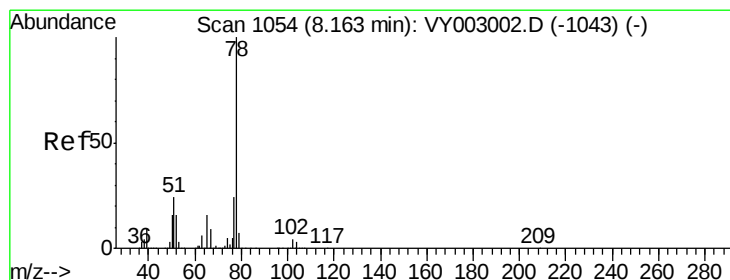
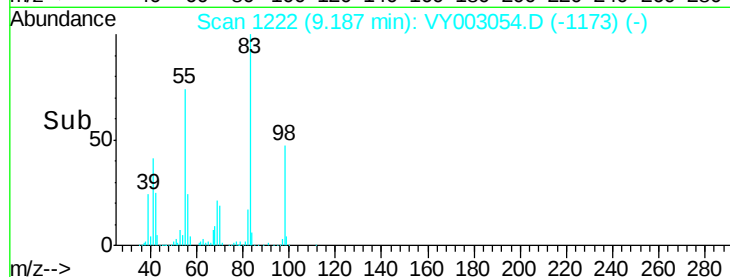
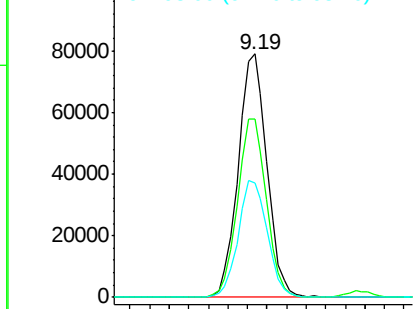
#39
Methylcyclohexane
Concen: 21.082 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tgt Ion: 83 Resp: 160721
Ion Ratio Lower Upper
83 100
55 73.4 59.9 89.9
98 47.1 38.7 58.1

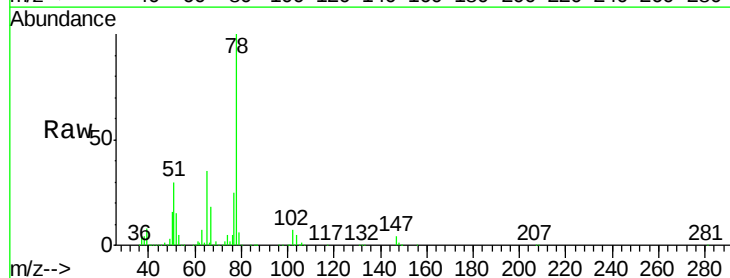


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

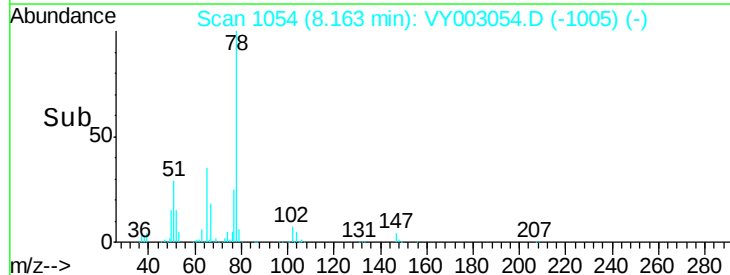
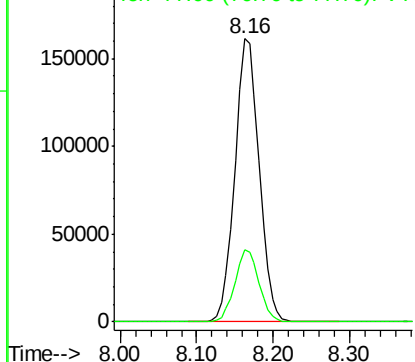


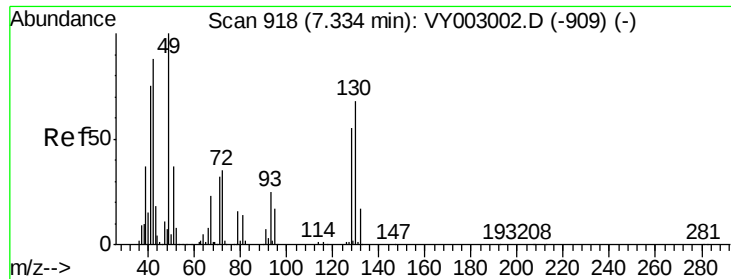
#40
Benzene
Concen: 21.078 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 78 Resp: 354810
Ion Ratio Lower Upper
78 100
77 25.5 19.2 28.8



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

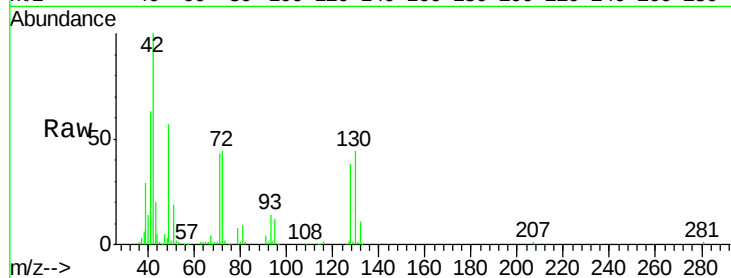




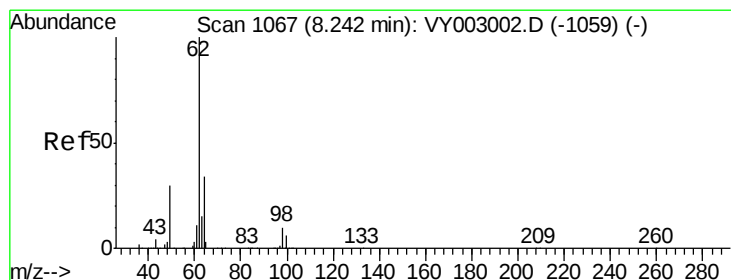
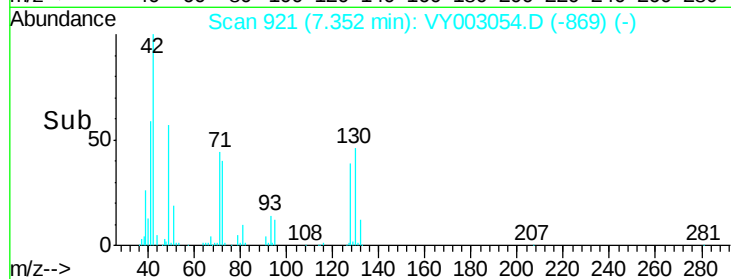
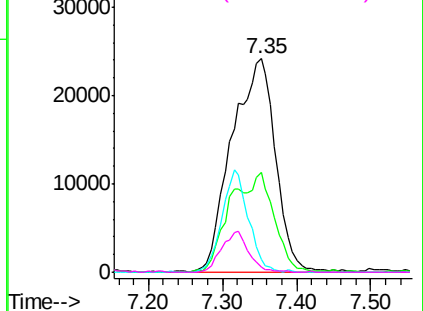
#41
Methacrylonitrile
Concen: 50.138 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tgt Ion:	41	Resp:	99012
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

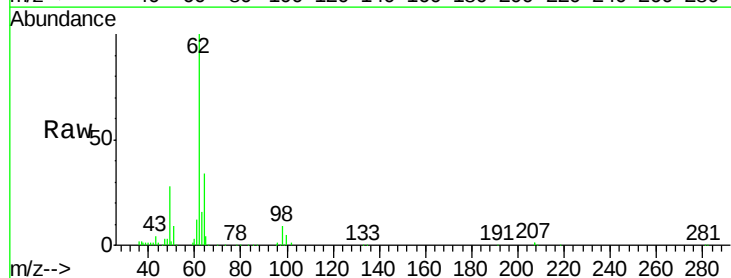


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

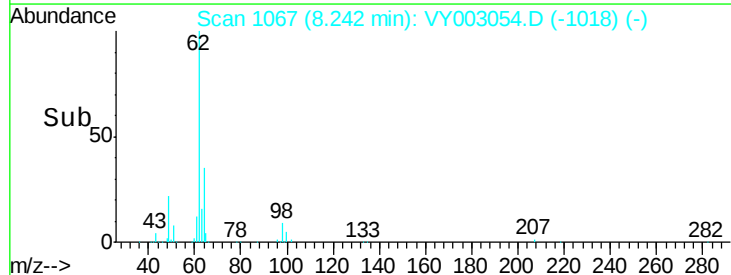
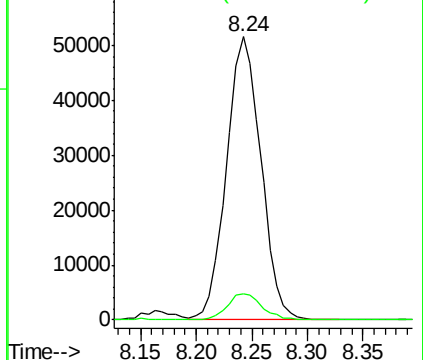


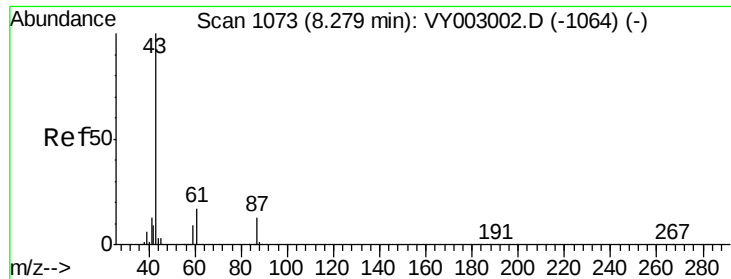
#42
1,2-Dichloroethane
Concen: 20.780 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:	62	Resp:	110660
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 19.706 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

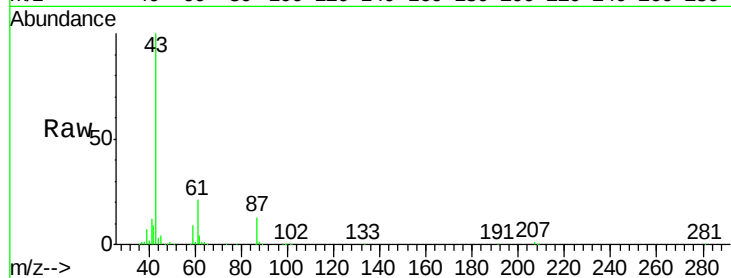
Tgt Ion: 43 Resp: 138493

Ion Ratio Lower Upper

43 100

61 29.4 21.8 32.6

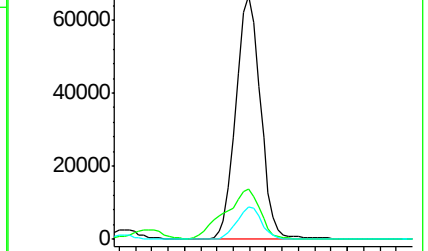
87 13.3 10.1 15.1



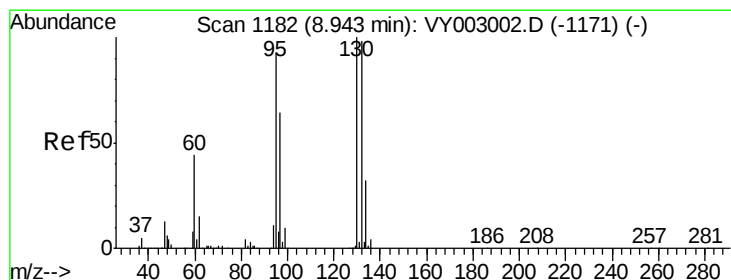
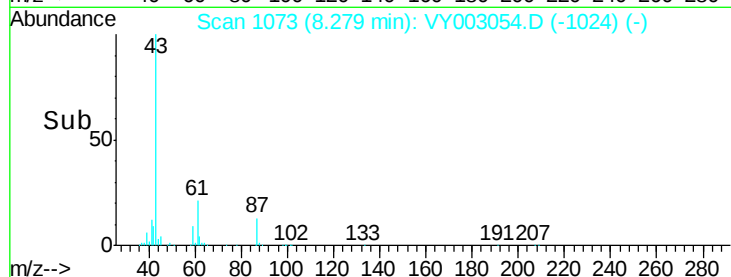
Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003002.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003002.D (-1064) (-)



Time-->



#44

Trichloroethene

Concen: 21.412 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003054.D

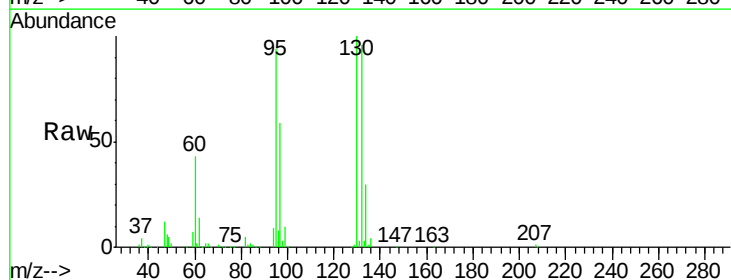
Acq: 01 Jul 2020 13:14

Tgt Ion: 130 Resp: 104761

Ion Ratio Lower Upper

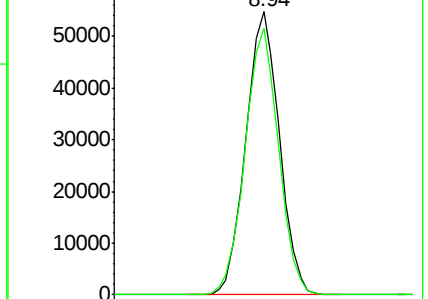
130 100

95 94.0 0.0 186.4

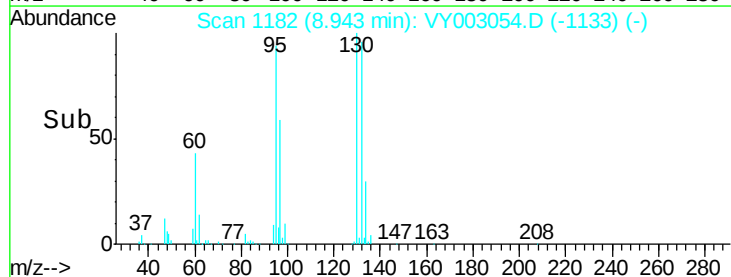


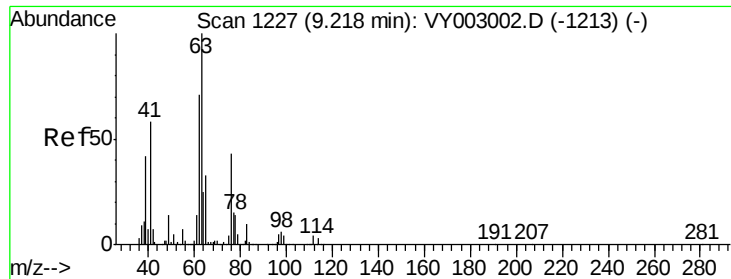
Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)



Time-->

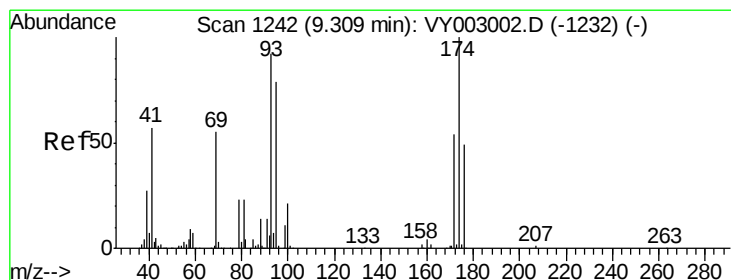
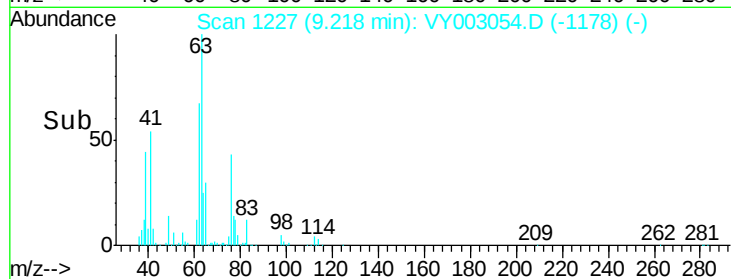
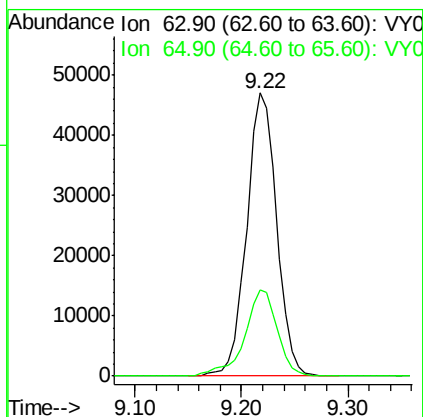
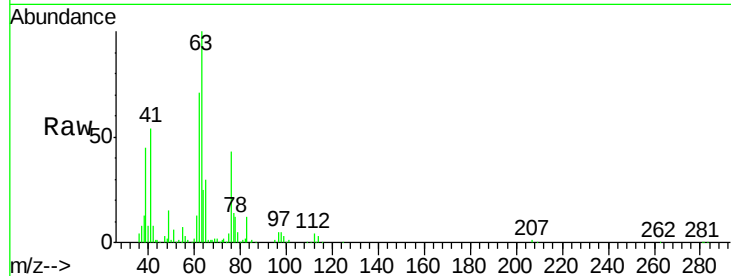




#45
 1,2-Dichloropropane
 Concen: 20.579 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

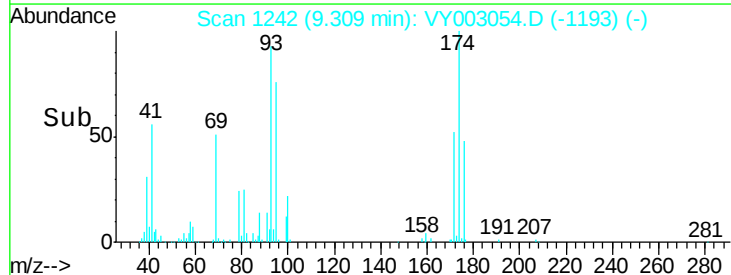
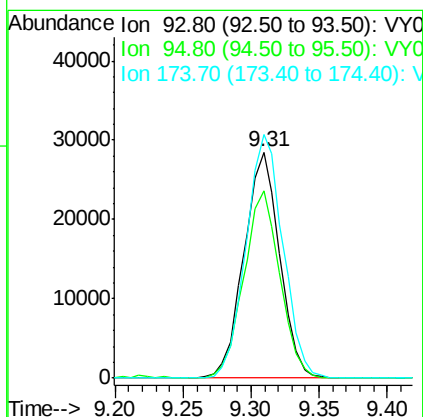
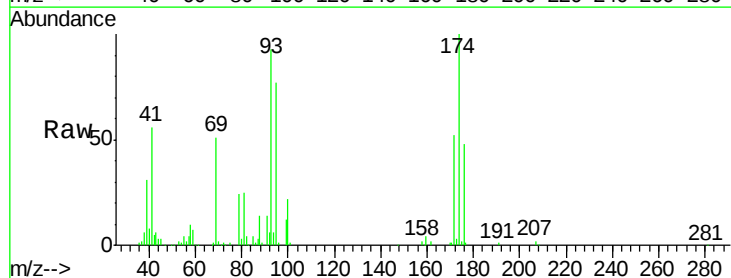
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

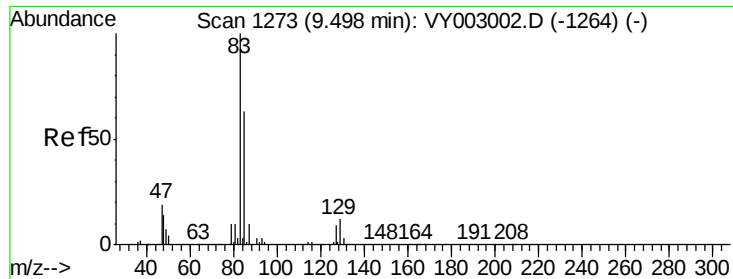
Tgt Ion: 63 Resp: 93197
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.2 39.4



#46
 Dibromomethane
 Concen: 20.672 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 93 Resp: 52288
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.6 101.4
 174 112.0 88.3 132.5

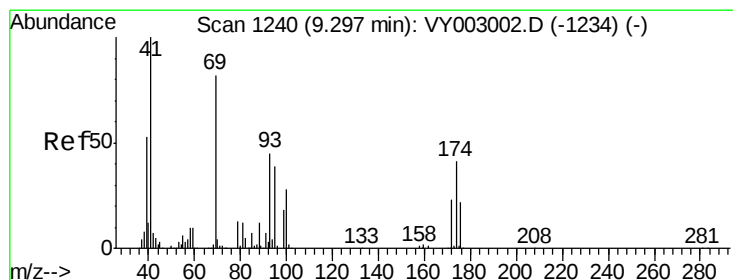
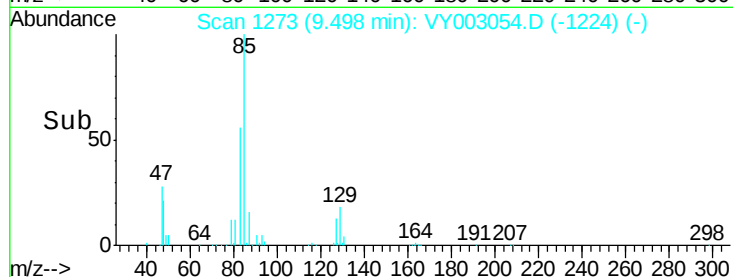
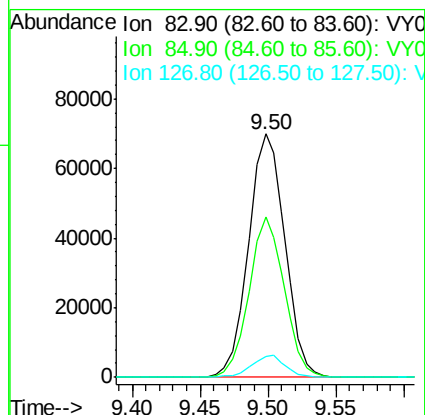
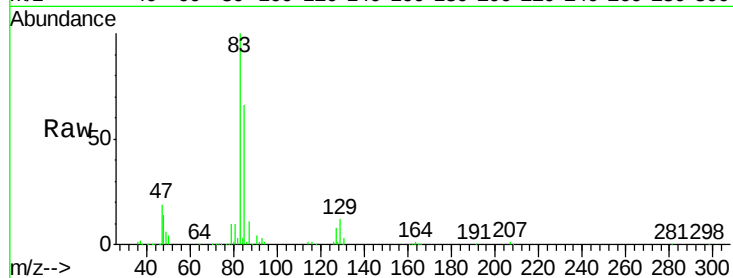




#47
 Bromodichloromethane
 Concen: 21.127 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

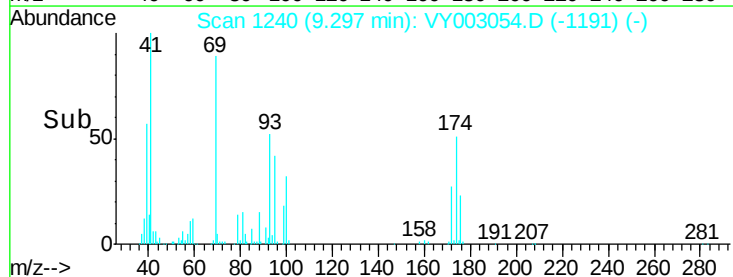
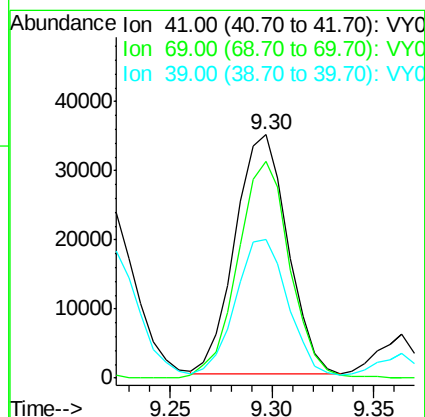
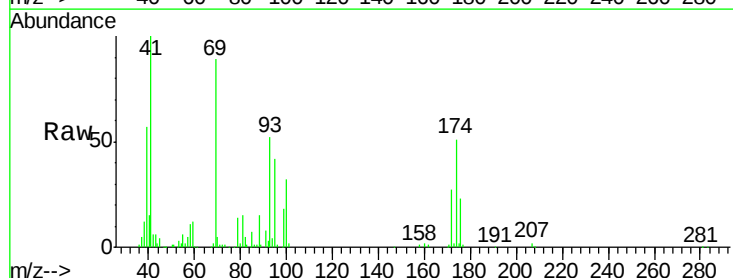
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

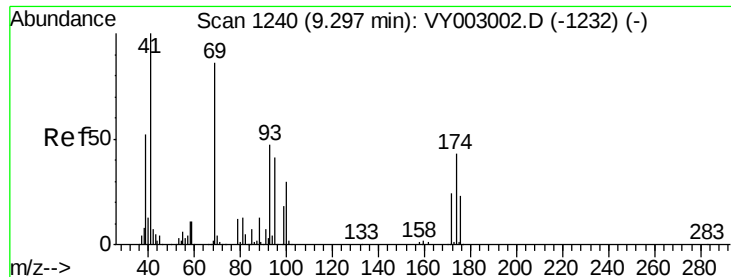
Tgt Ion: 83 Resp: 130853
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.5 75.7
 127 8.4 7.0 10.4



#48
 Methyl methacrylate
 Concen: 19.452 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 41 Resp: 62226
 Ion Ratio Lower Upper
 41 100
 69 89.7 67.7 101.5
 39 58.7 45.0 67.4

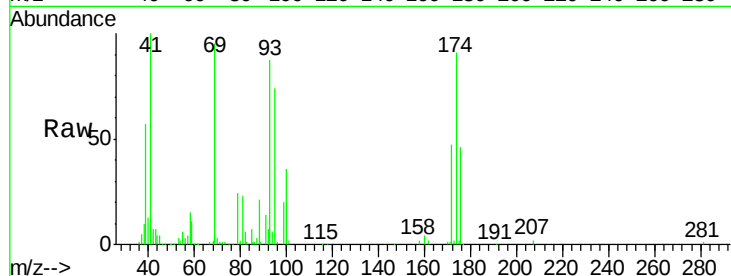




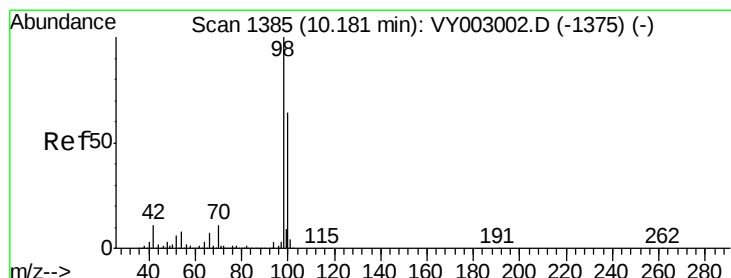
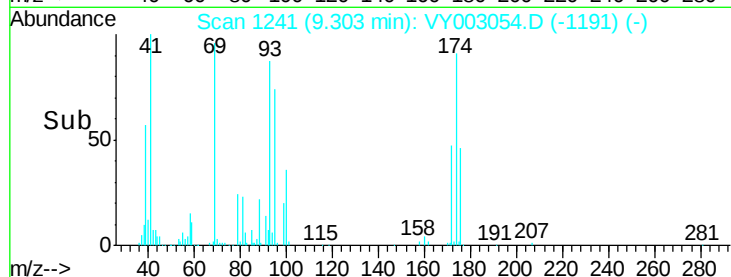
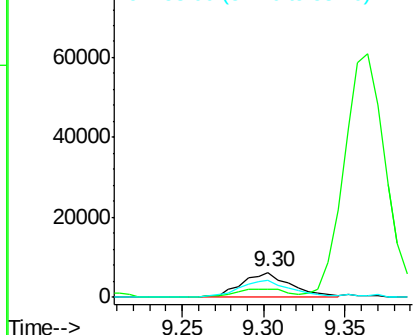
#49
 1,4-Dioxane
 Concen: 420.095 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tgt Ion: 88 Resp: 12971
 Ion Ratio Lower Upper
 88 100
 43 32.0 28.6 42.8
 58 73.4 56.7 85.1

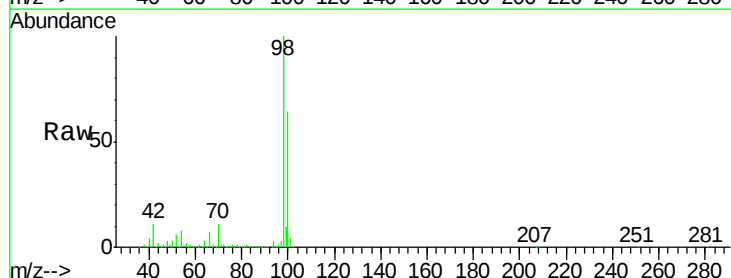


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

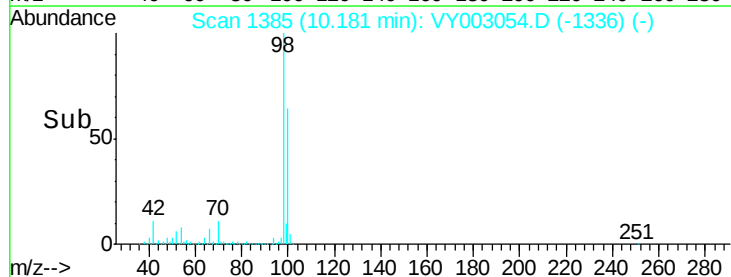
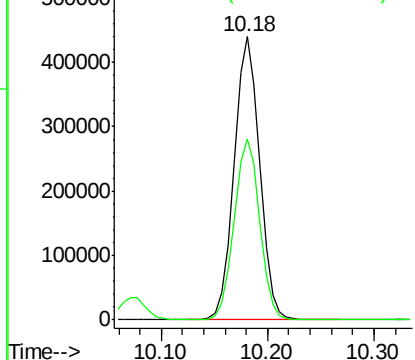


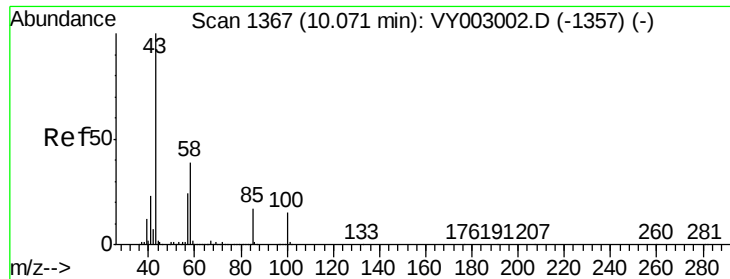
#50
 Toluene-d8
 Concen: 49.786 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 98 Resp: 738560
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7



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

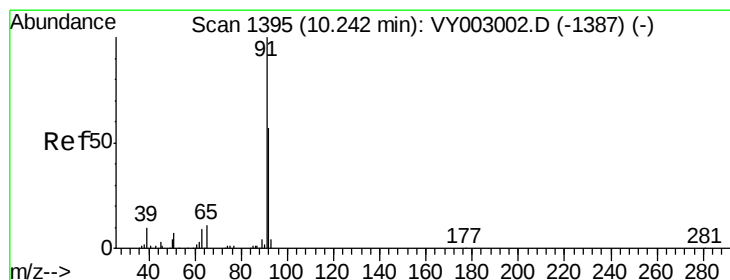
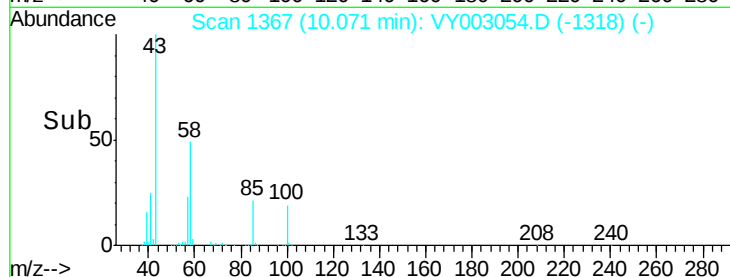
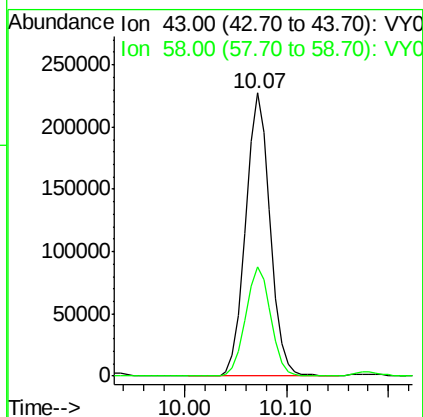
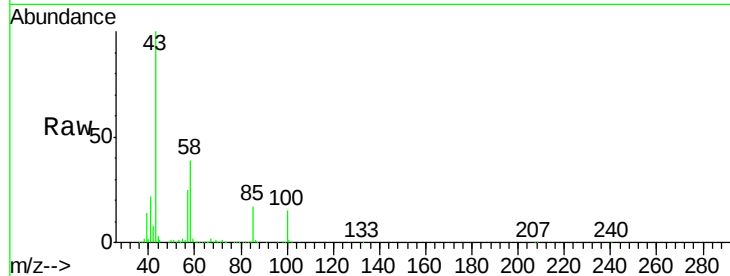




#51
 4-Methyl-2-Pentanone
 Concen: 104.400 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

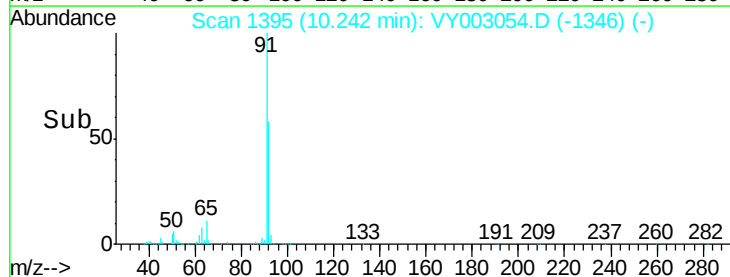
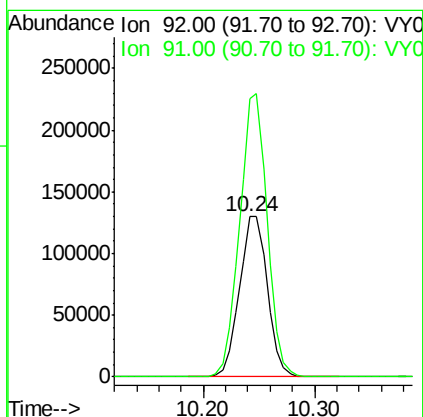
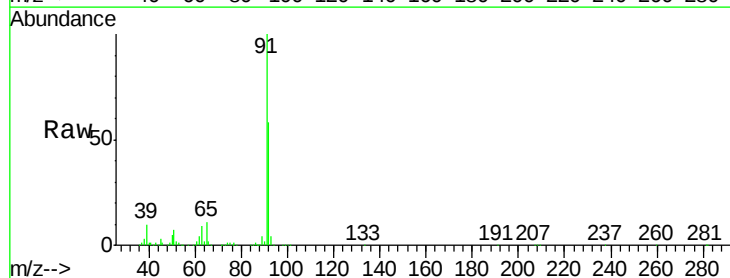
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

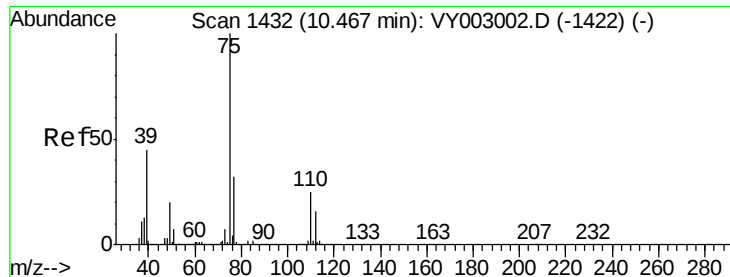
Tgt Ion: 43 Resp: 379228
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7



#52
 Toluene
 Concen: 21.411 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 92 Resp: 226884
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.429 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

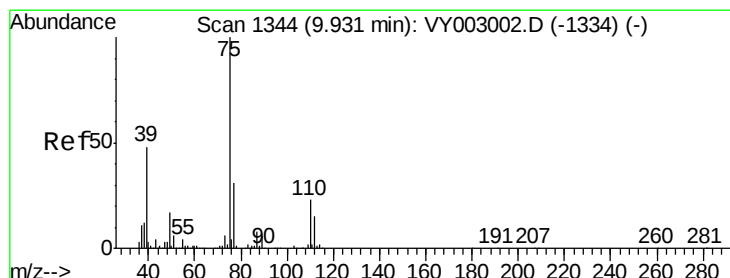
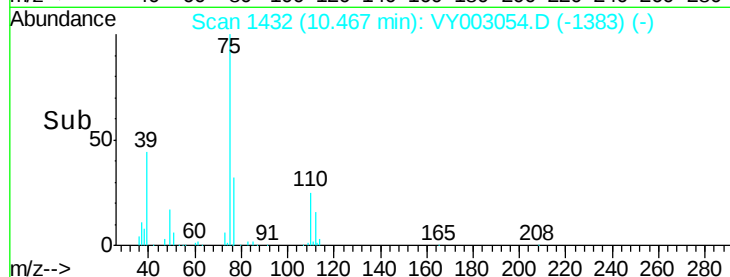
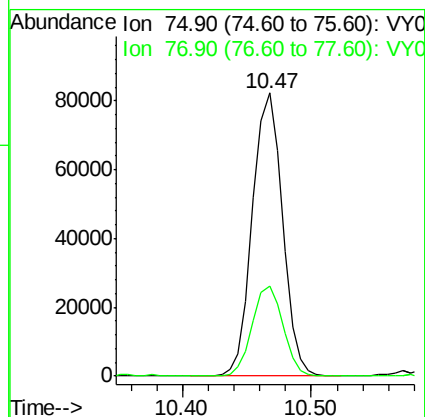
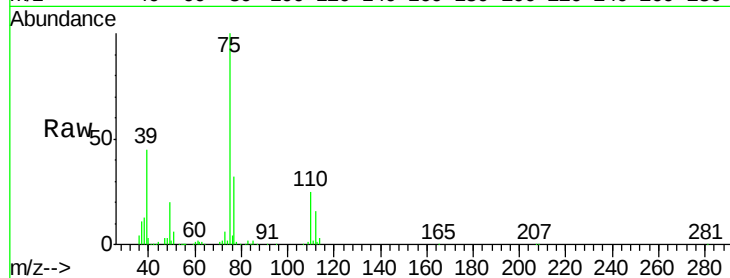
VY0701SBSD01

Tgt Ion: 75 Resp: 132655

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.552 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

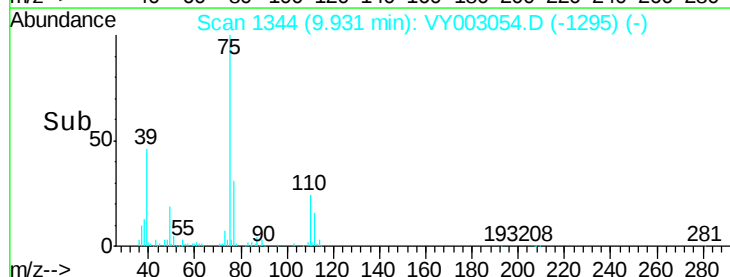
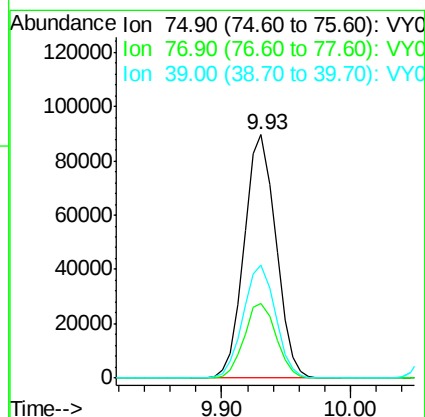
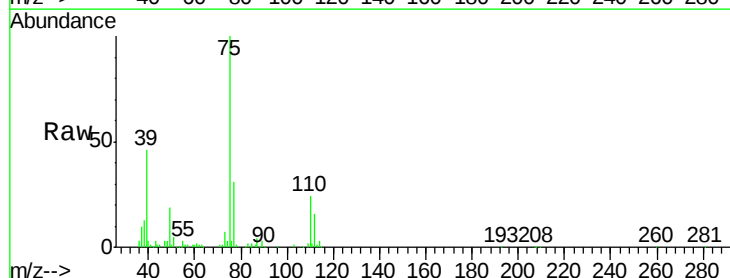
Tgt Ion: 75 Resp: 152623

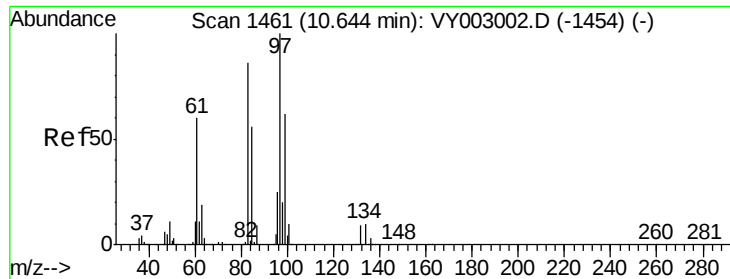
Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 46.2 38.3 57.5

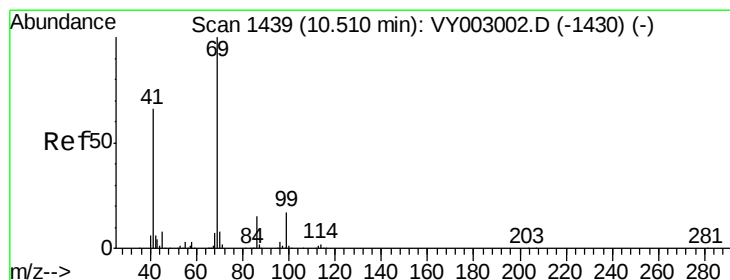
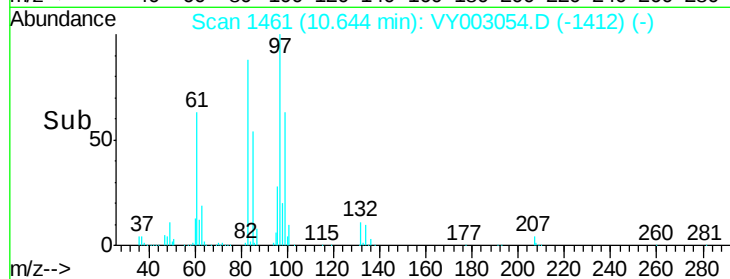
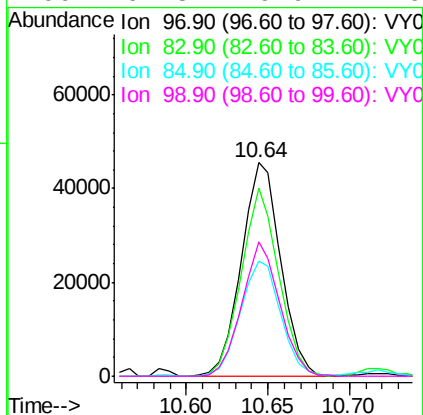
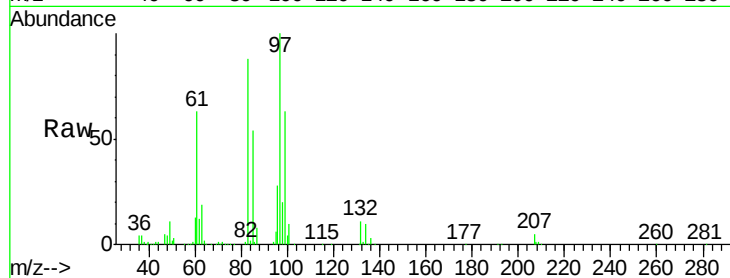




#55
 1,1,2-Trichloroethane
 Concen: 21.696 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

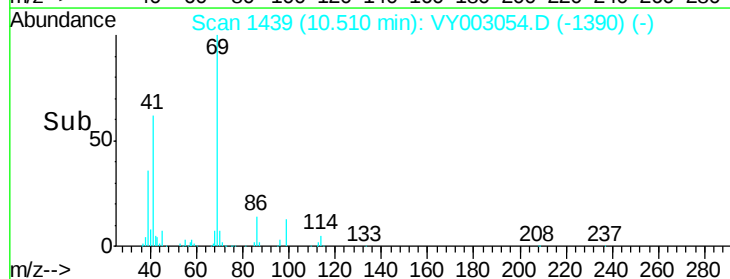
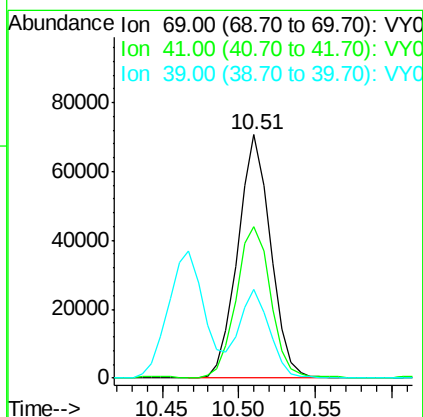
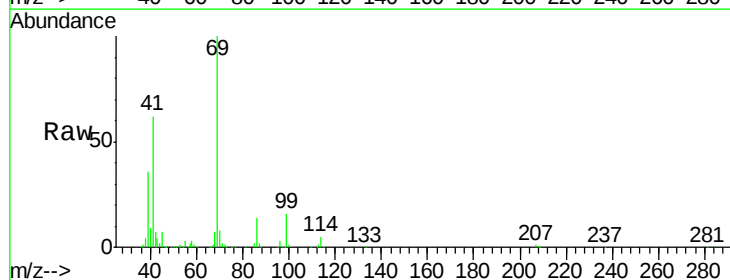
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

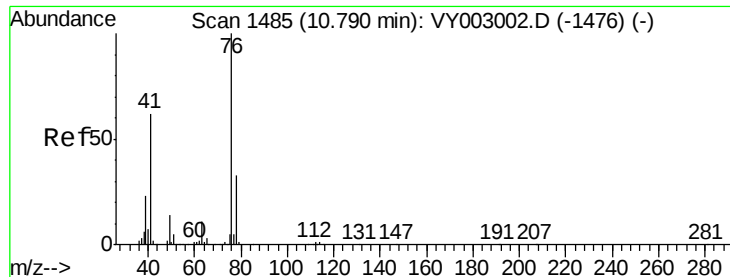
Tgt Ion:	97	Resp:	76258
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.0	103.6
85	53.9	44.8	67.2
99	62.8	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.701 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion:	69	Resp:	105324
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.7	80.5
39	33.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.457 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

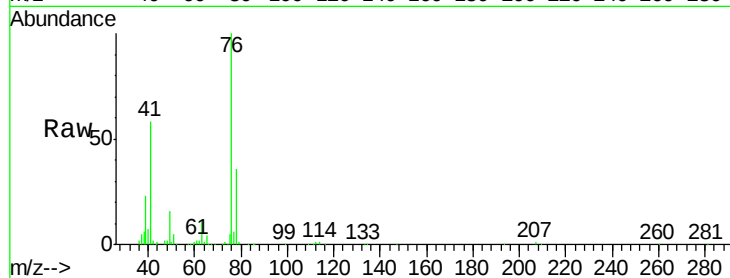
VY0701SBSD01

Tgt Ion: 76 Resp: 126228

Ion Ratio Lower Upper

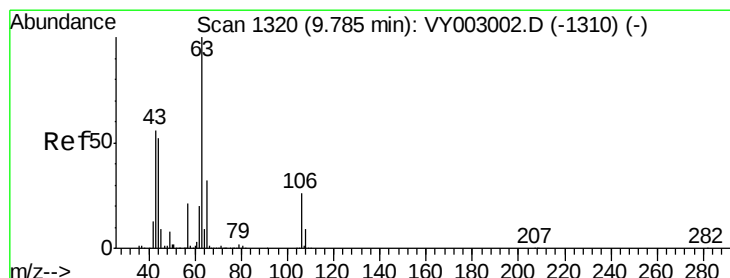
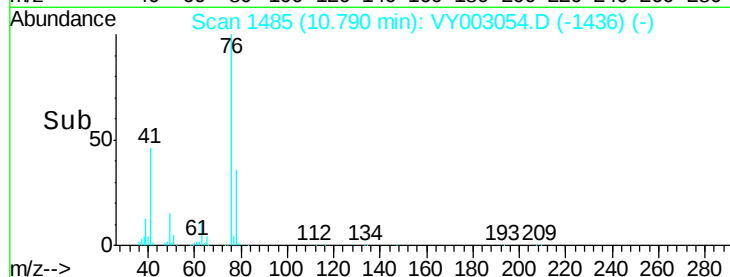
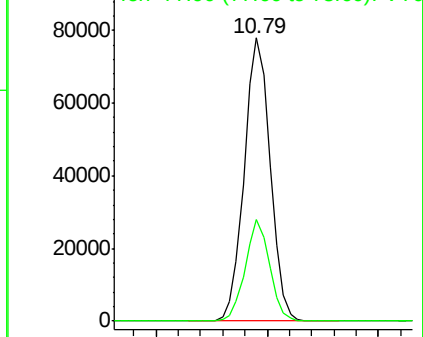
76 100

78 33.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 90.507 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003054.D

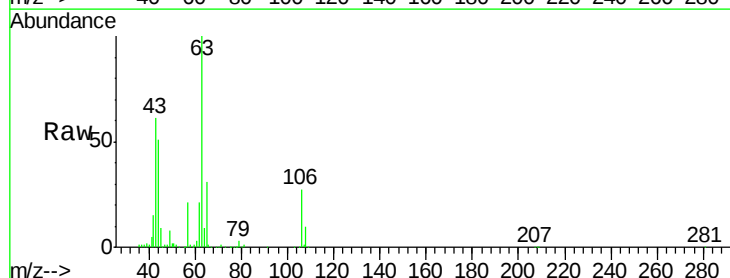
Acq: 01 Jul 2020 13:14

Tgt Ion: 63 Resp: 236174

Ion Ratio Lower Upper

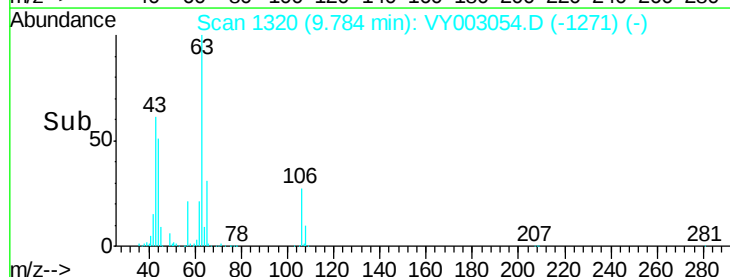
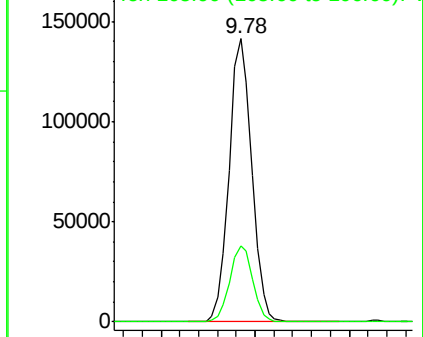
63 100

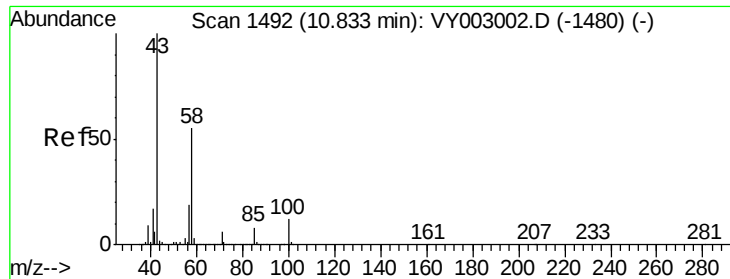
106 27.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

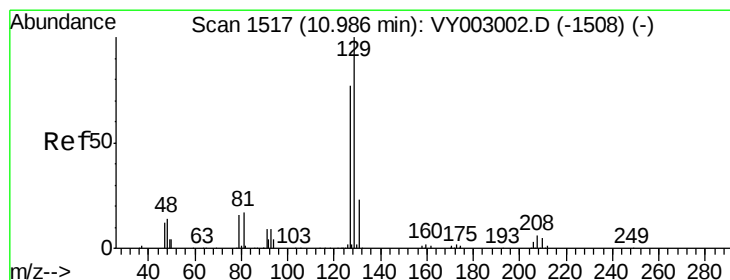
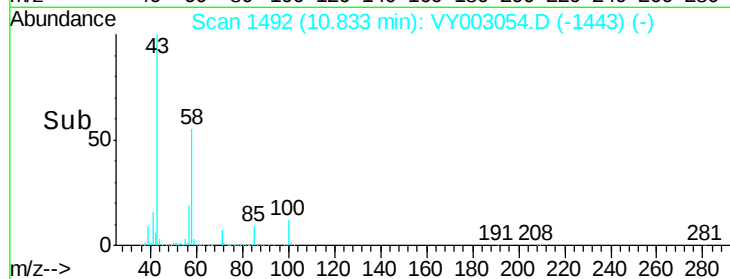
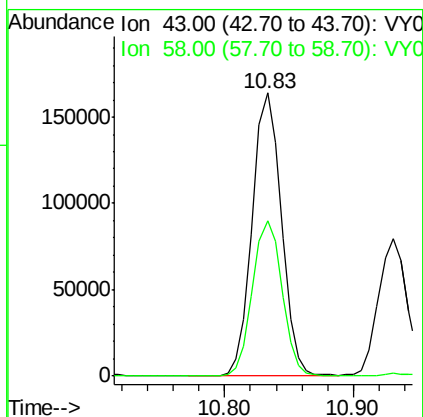
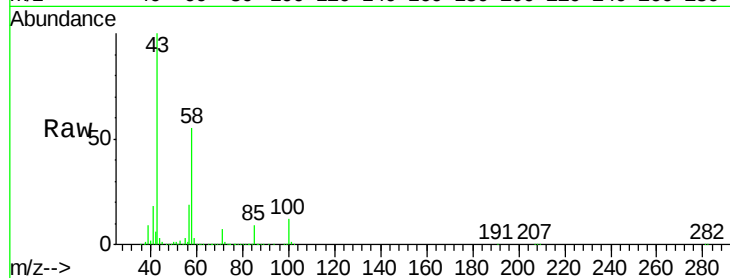




#59
2-Hexanone
Concen: 100.804 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

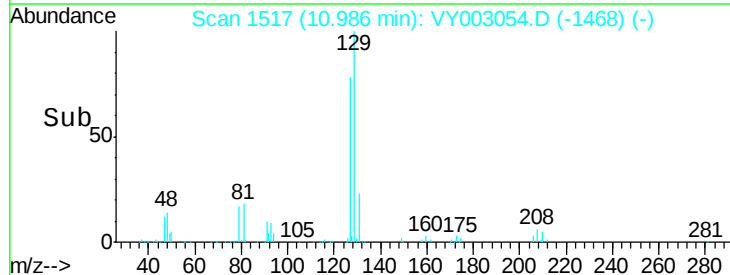
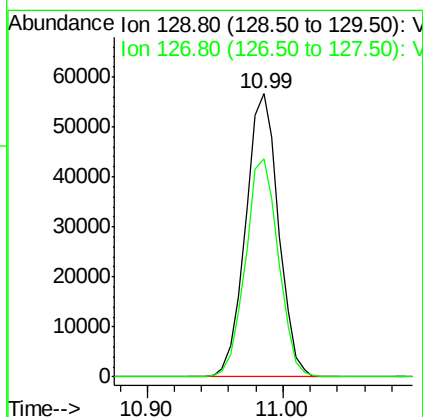
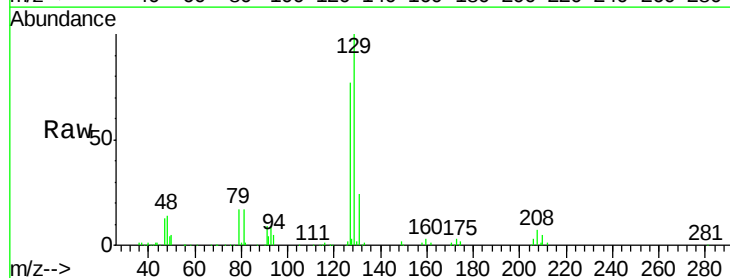
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

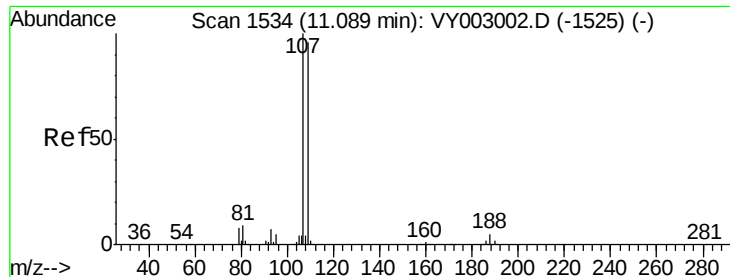
Tgt Ion: 43 Resp: 255938
Ion Ratio Lower Upper
43 100
58 55.8 27.5 82.4



#60
Dibromochloromethane
Concen: 21.307 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 129 Resp: 95840
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

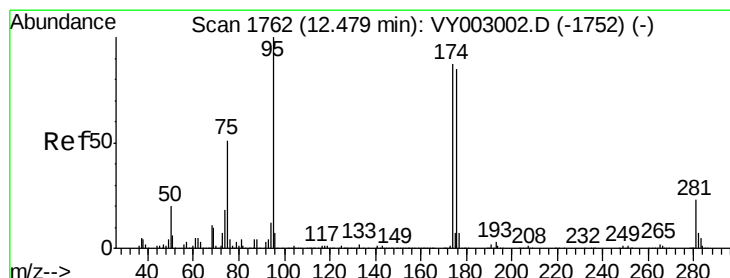
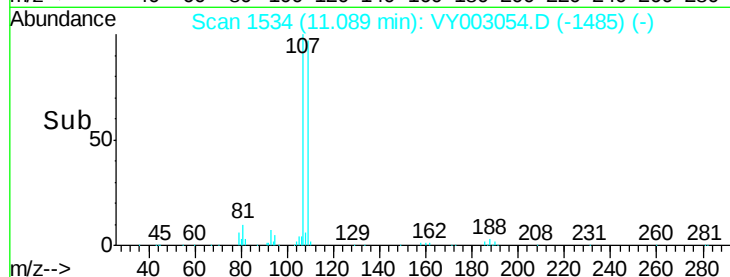
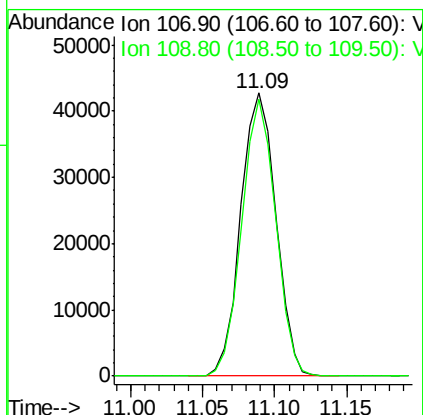
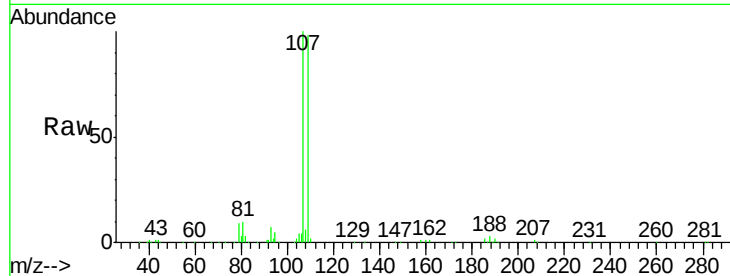




#61
 1,2-Dibromoethane
 Concen: 20.881 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

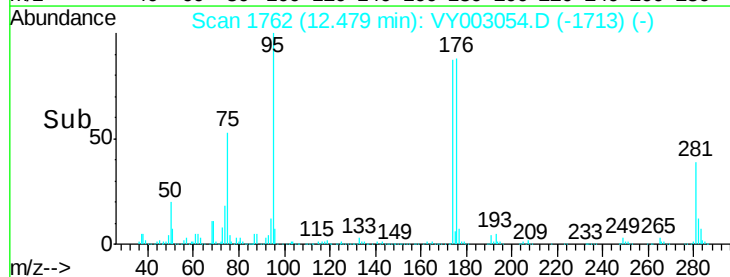
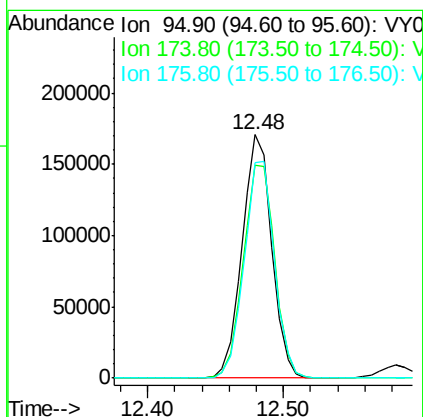
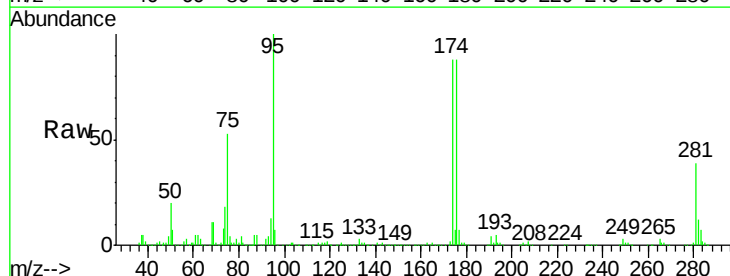
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

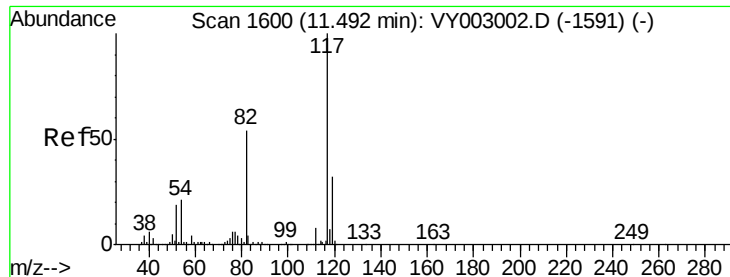
Tgt Ion: 107 Resp: 72354
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.658 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 95 Resp: 259307
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 184.8
 176 91.1 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: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

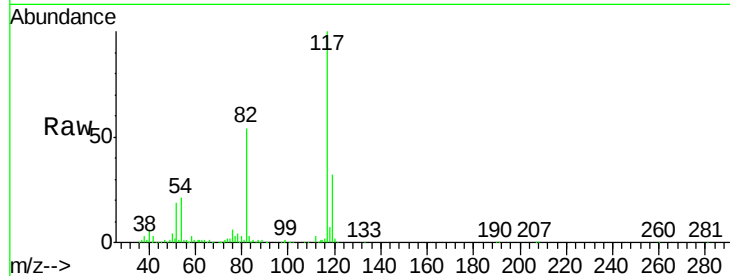
Tgt Ion:117 Resp: 583303

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

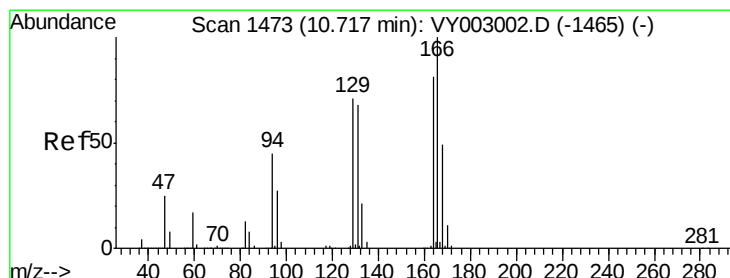
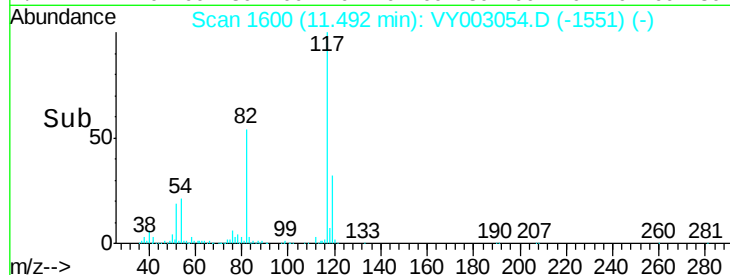
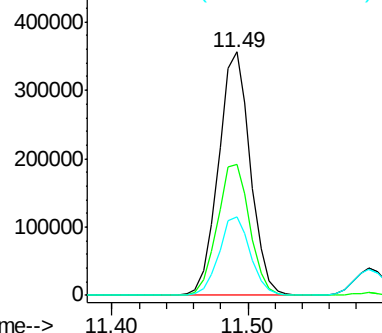
119 32.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.421 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:164 Resp: 105748

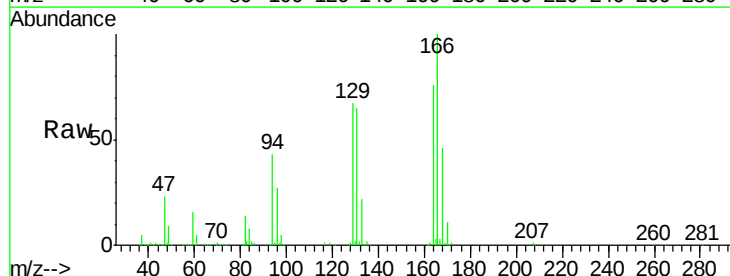
Ion Ratio Lower Upper

164 100

166 131.2 98.5 147.7

129 88.3 69.7 104.5

131 85.3 67.2 100.8

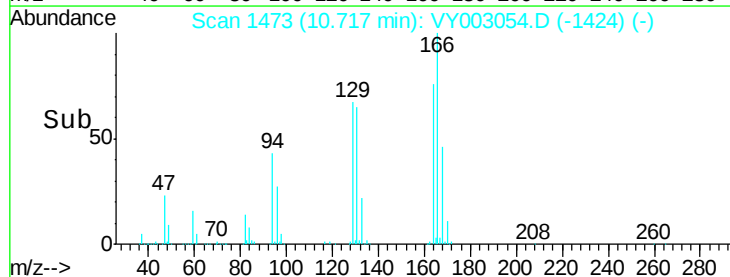
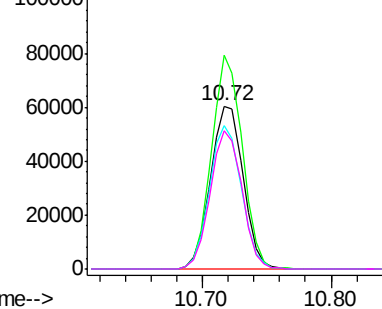


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

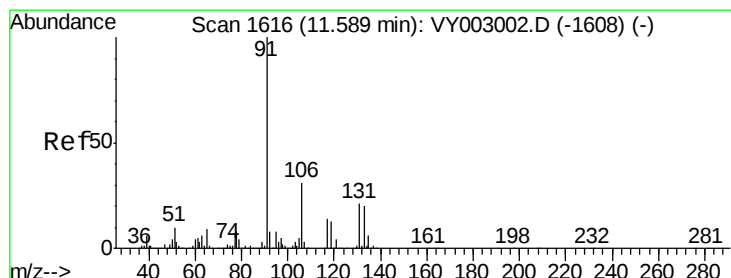
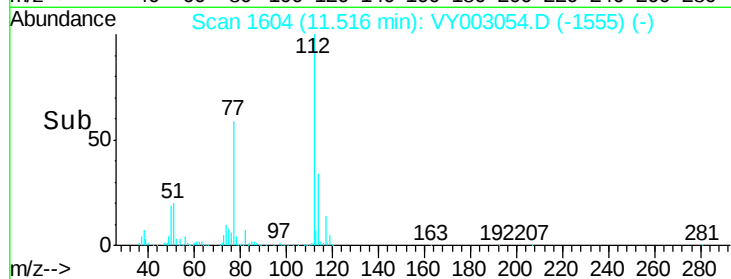
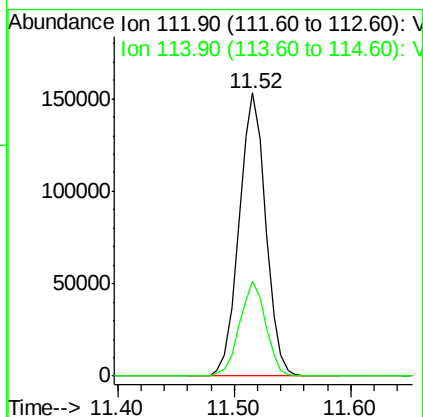
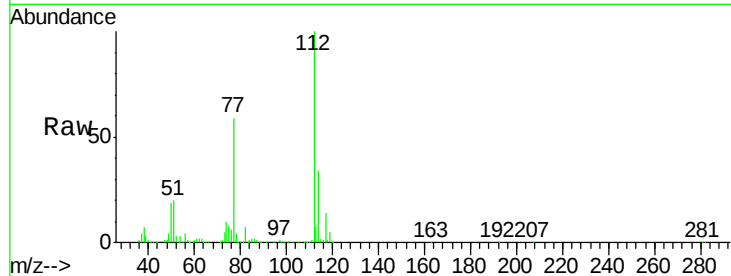




#65
Chlorobenzene
Concen: 21.220 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

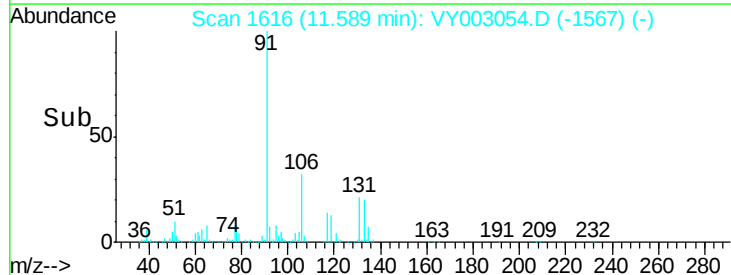
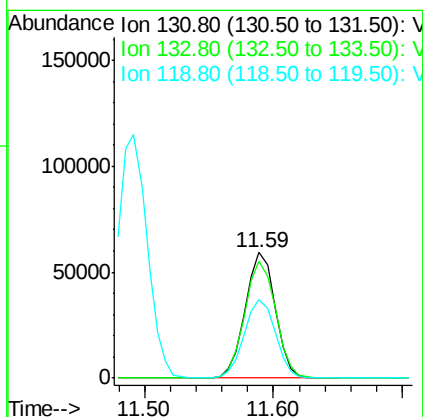
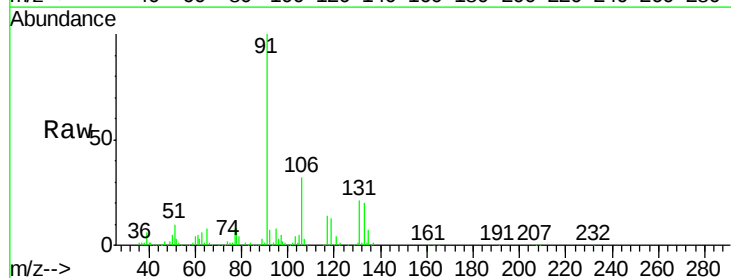
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tgt Ion:112 Resp: 244059
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.178 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:131 Resp: 95099
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 65.3 31.8 95.3





#67

Ethyl Benzene

Concen: 21.190 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

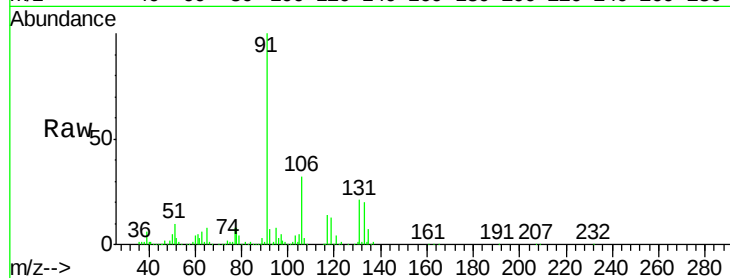
VY0701SBSD01

Tgt Ion: 91 Resp: 445877

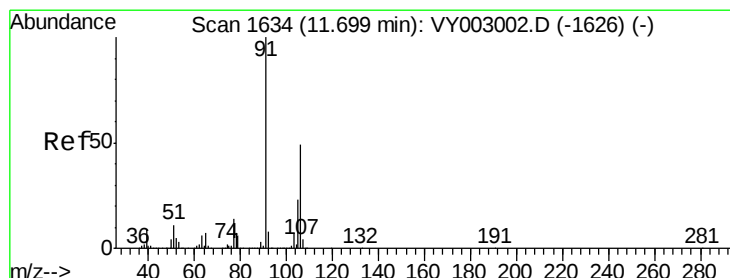
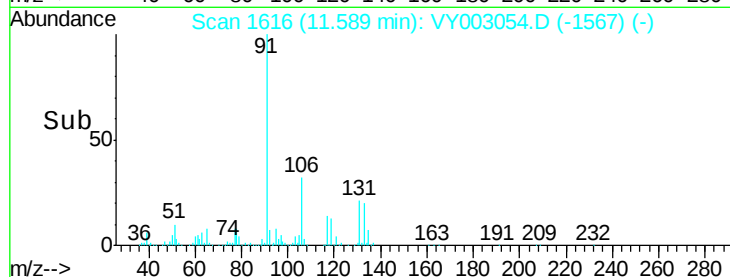
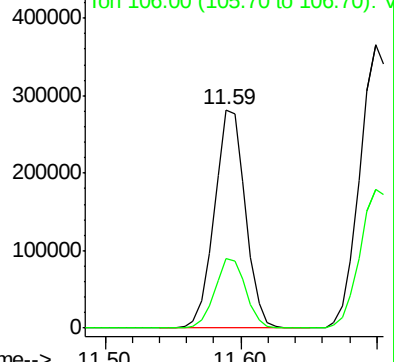
Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1607) (-)



#68

m/p-Xylenes

Concen: 42.381 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003054.D

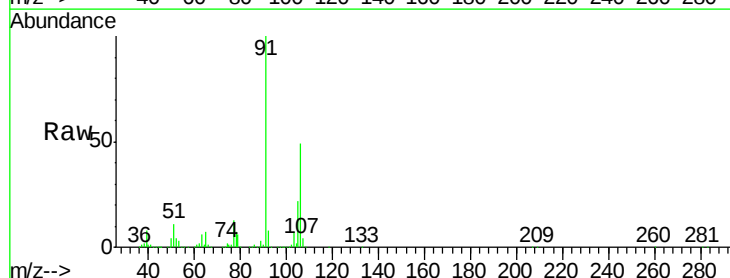
Acq: 01 Jul 2020 13:14

Tgt Ion: 106 Resp: 331896

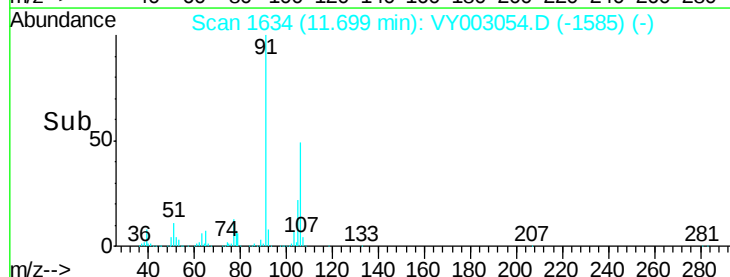
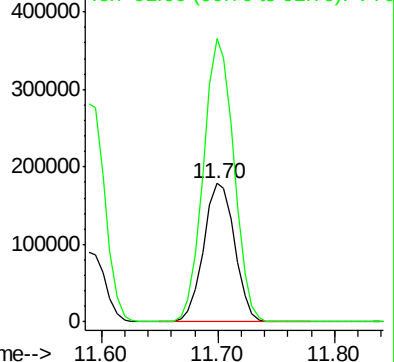
Ion Ratio Lower Upper

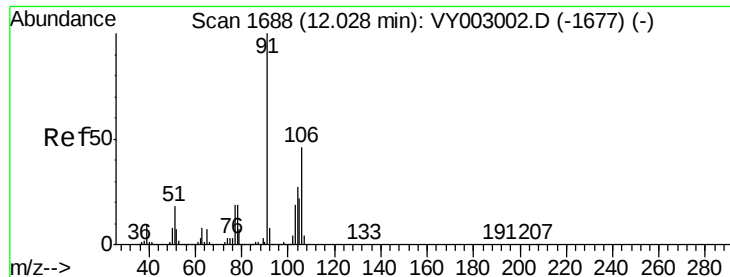
106 100

91 200.5 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003002.D (-1626) (-)

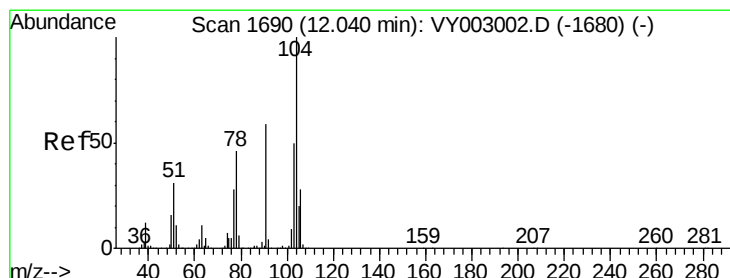
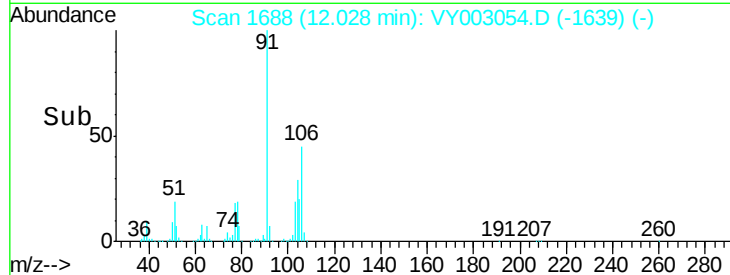
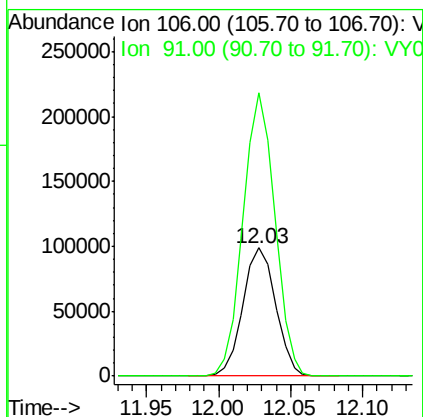
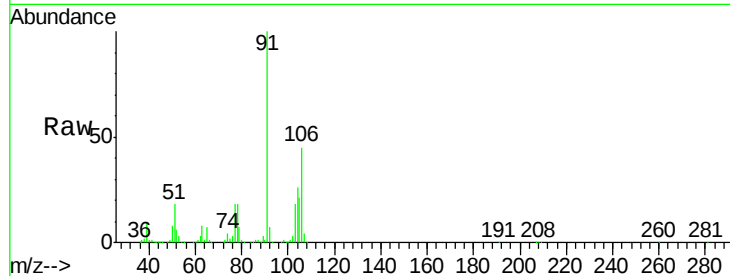




#69
o-Xylene
Concen: 21.142 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

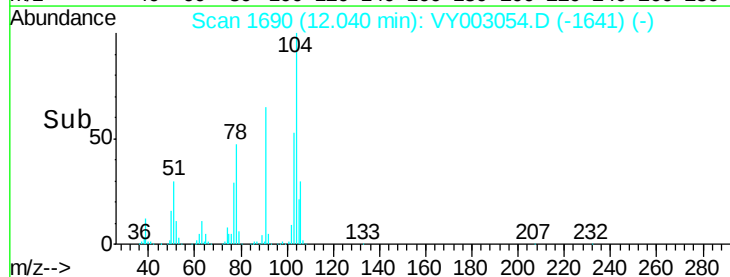
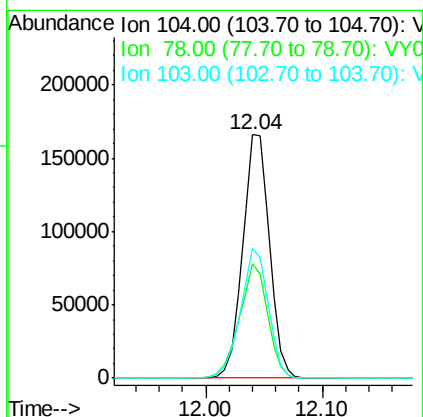
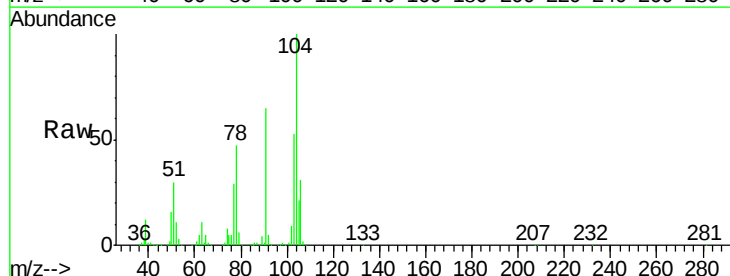
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tgt Ion:106 Resp: 156018
Ion Ratio Lower Upper
106 100
91 214.6 107.9 323.8



#70
Styrene
Concen: 21.182 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:104 Resp: 267041
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 55.5 44.1 66.1

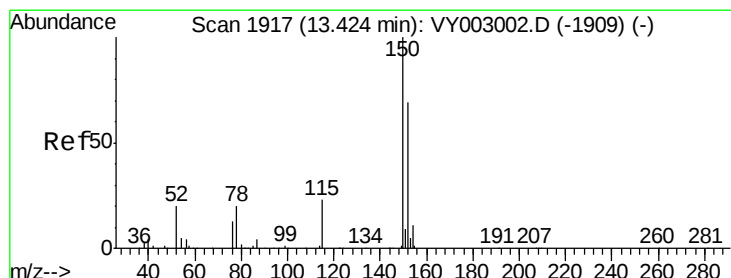
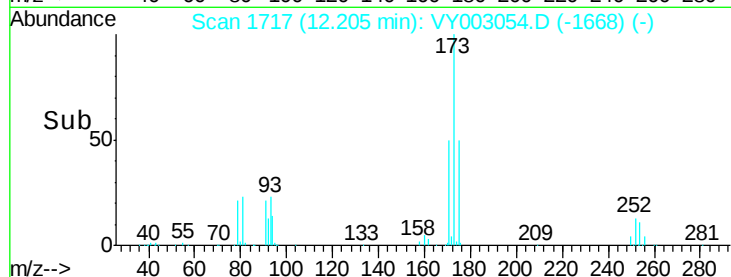
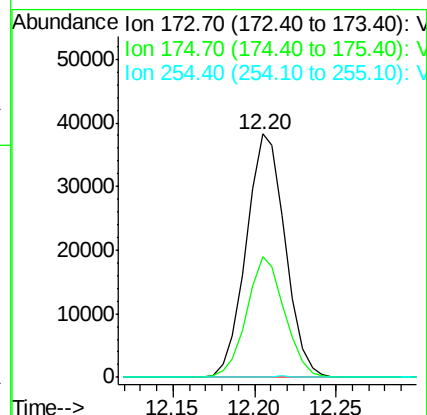
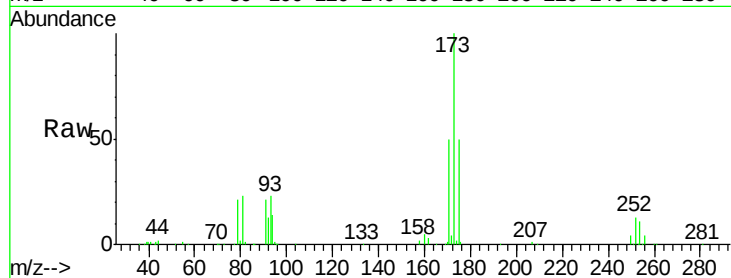




#71
Bromoform
Concen: 21.186 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

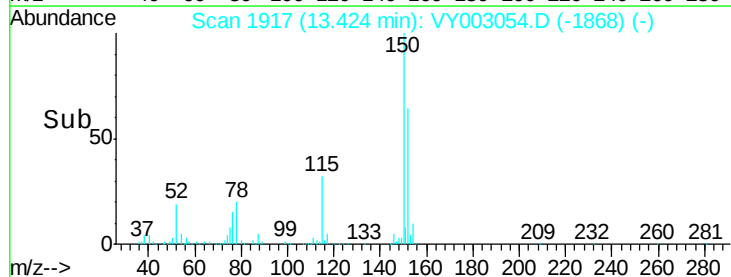
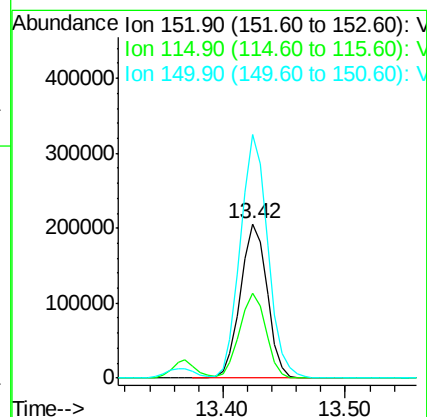
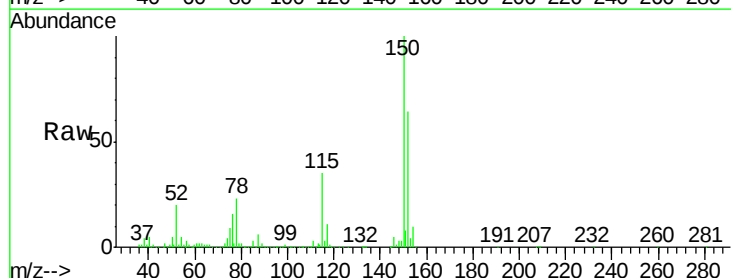
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

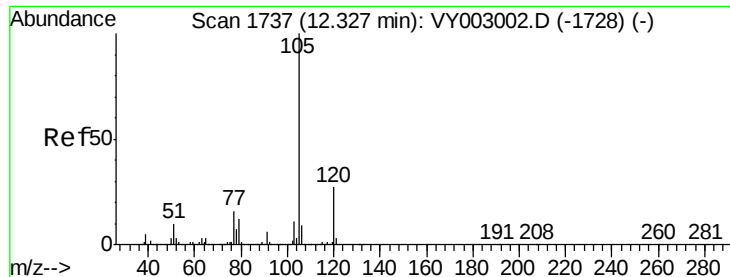
Tgt Ion:173 Resp: 63437
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:152 Resp: 309796
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 163.1 0.0 343.4





#73

Isopropylbenzene

Concen: 21.199 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

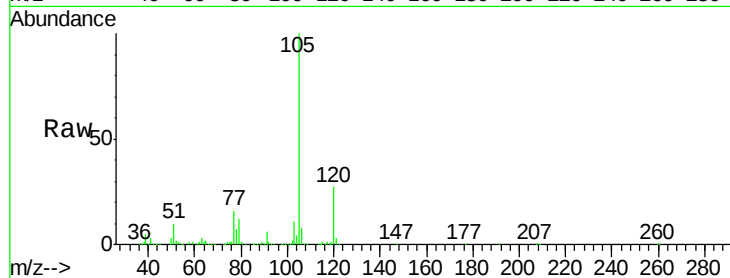
VY0701SBSD01

Tgt Ion: 105 Resp: 429813

Ion Ratio Lower Upper

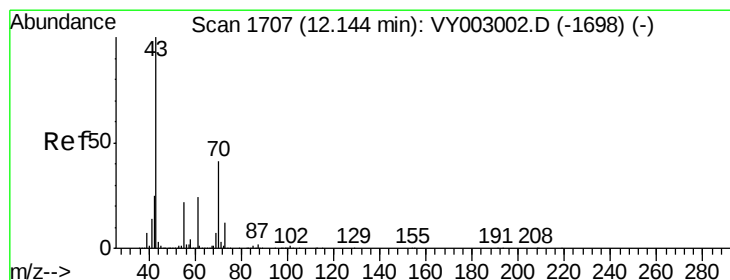
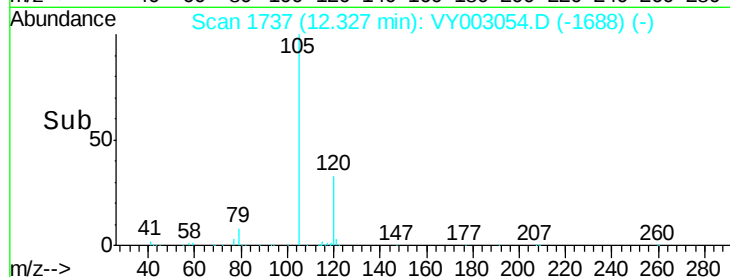
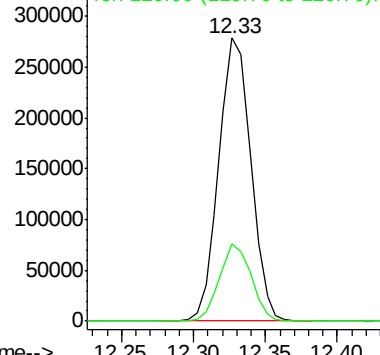
105 100

120 26.9 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: 19.761 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion: 43 Resp: 130433

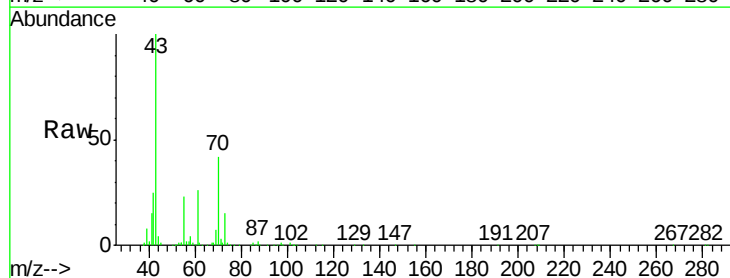
Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 23.0 18.2 27.2

61 25.2 19.4 29.2

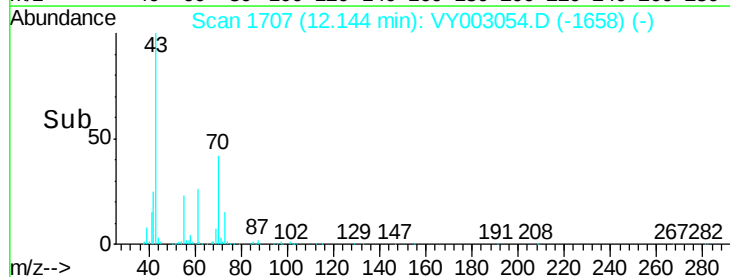
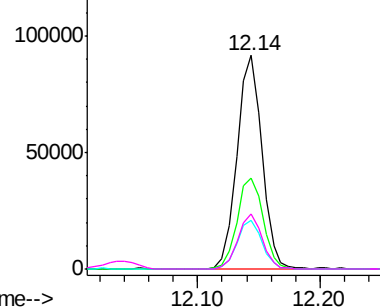


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.364 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

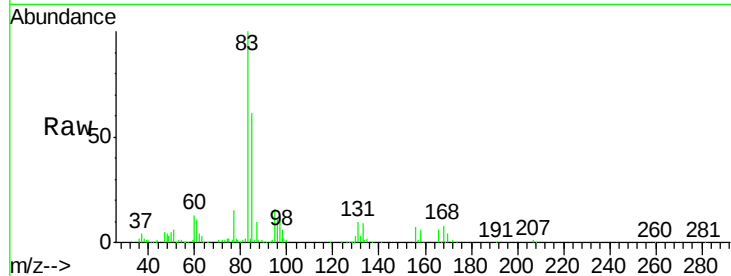
Tgt Ion: 83 Resp: 87412

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

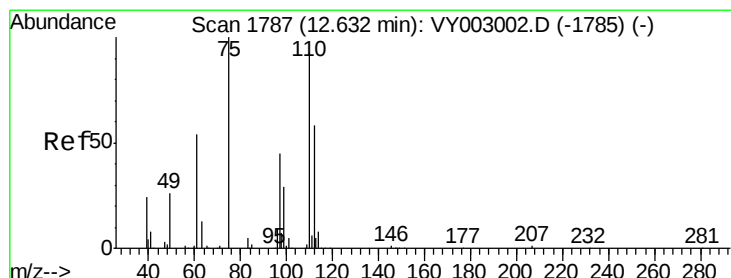
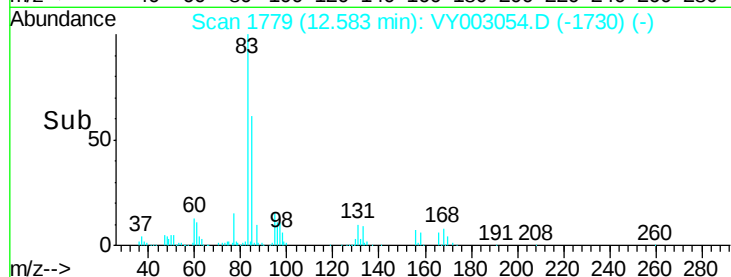
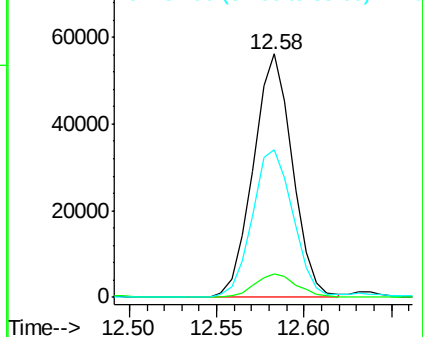
85 63.3 32.1 96.3



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: 38.649 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003054.D

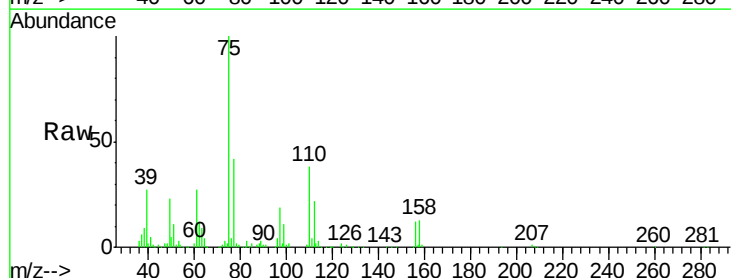
Acq: 01 Jul 2020 13:14

Tgt Ion: 75 Resp: 118499

Ion Ratio Lower Upper

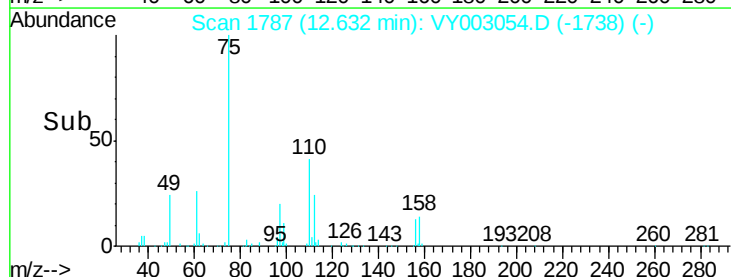
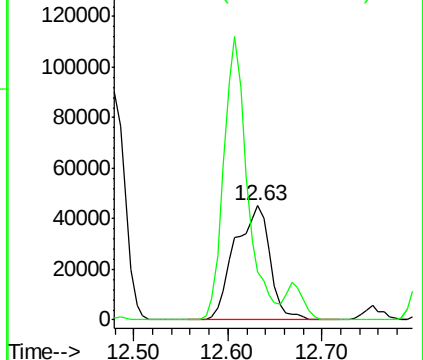
75 100

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: 20.736 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

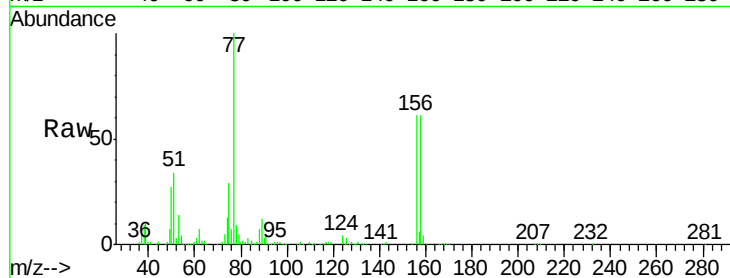
Tgt Ion: 156 Resp: 107794

Ion Ratio Lower Upper

156 100

77 183.2 90.0 270.0

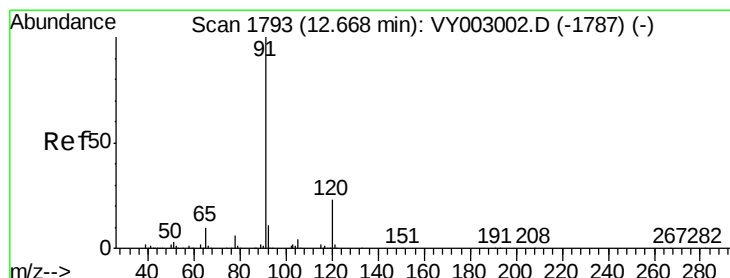
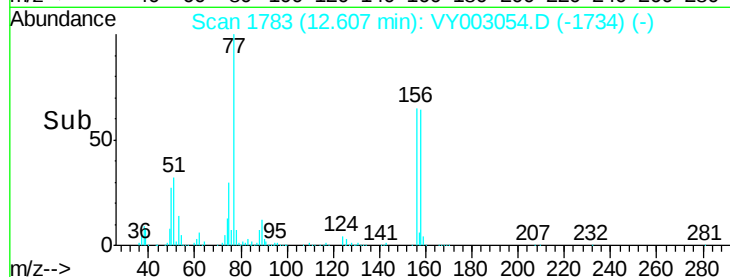
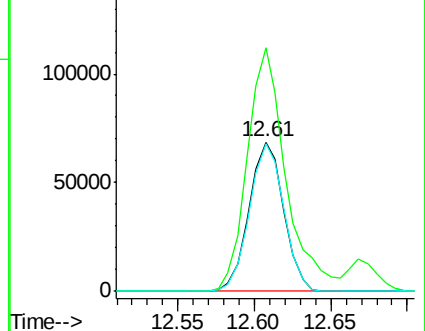
158 98.8 48.5 145.5



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: 21.270 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003054.D

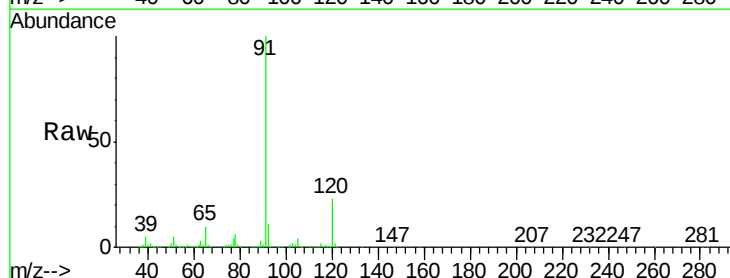
Acq: 01 Jul 2020 13:14

Tgt Ion: 91 Resp: 518634

Ion Ratio Lower Upper

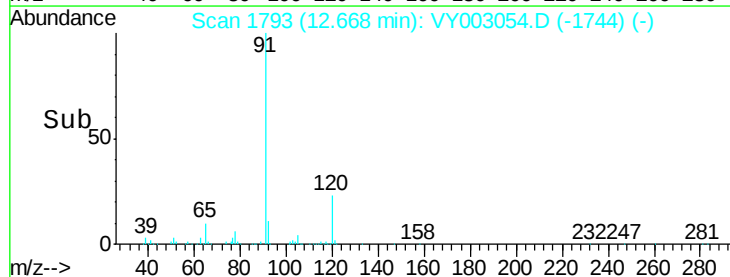
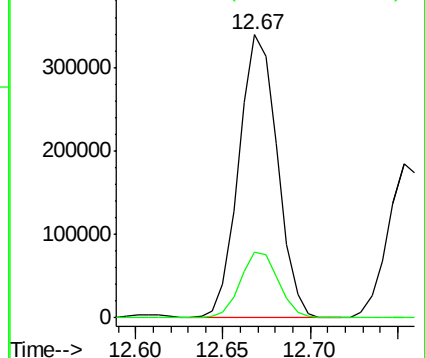
91 100

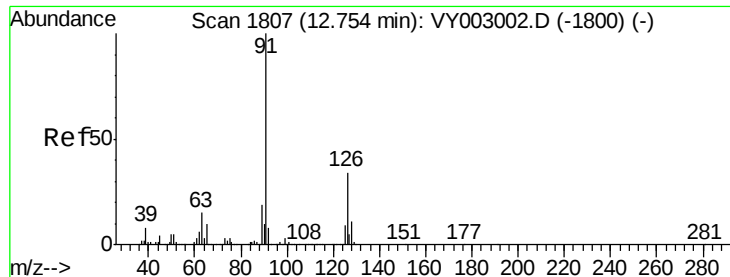
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

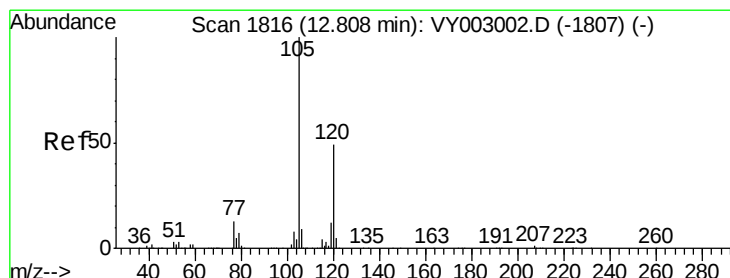
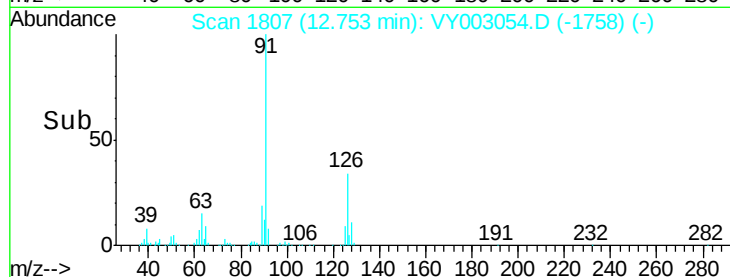
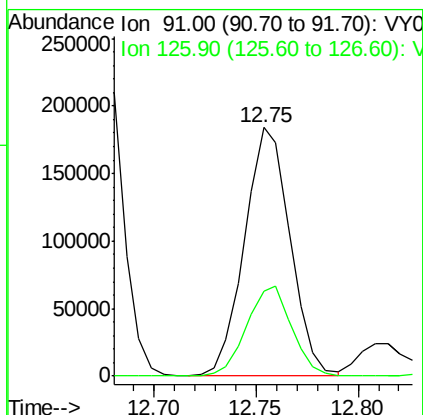
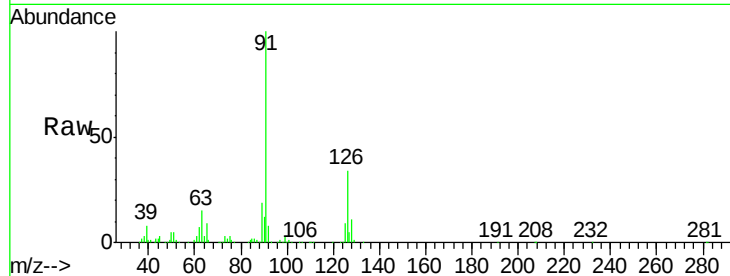




#79
 2-Chlorotoluene
 Concen: 21.051 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

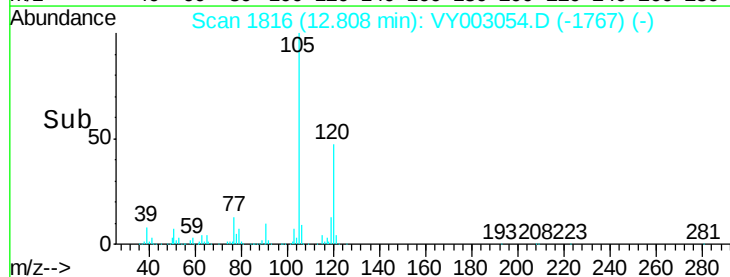
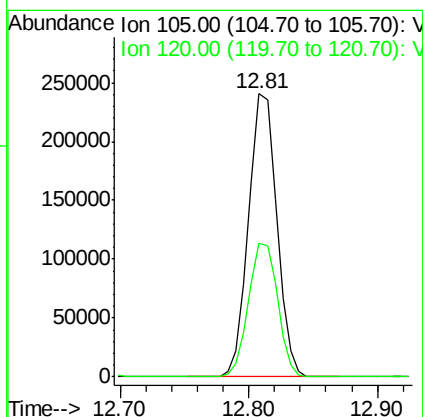
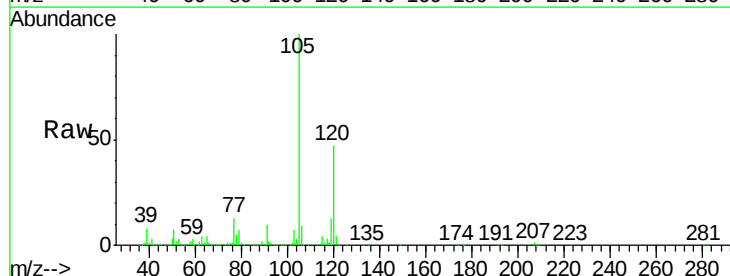
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

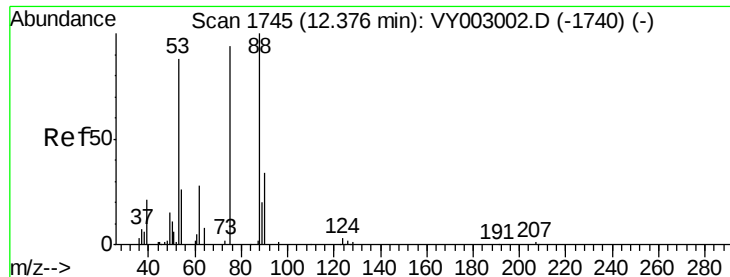
Tgt Ion: 91 Resp: 286511
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.328 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion: 105 Resp: 362868
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.076 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

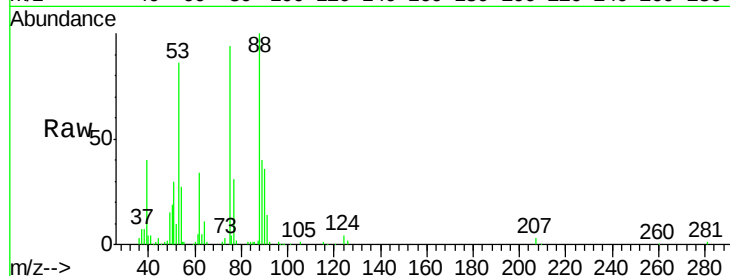
Tgt Ion: 75 Resp: 31637

Ion Ratio Lower Upper

75 100

53 87.9 73.9 110.9

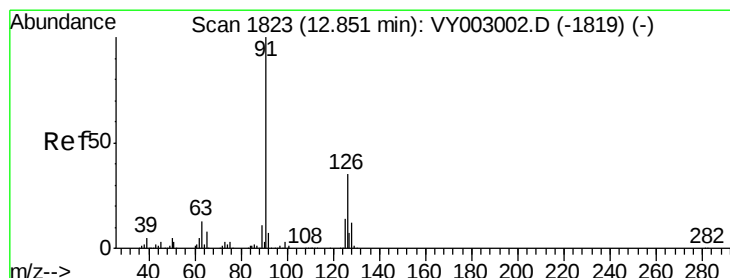
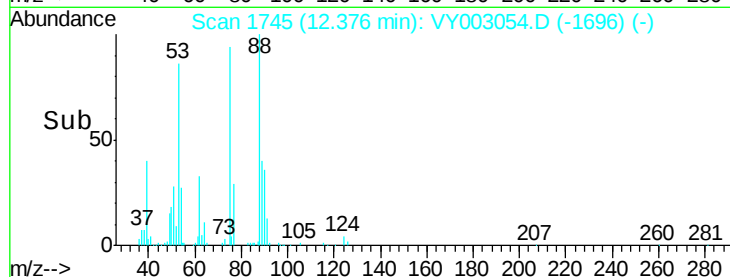
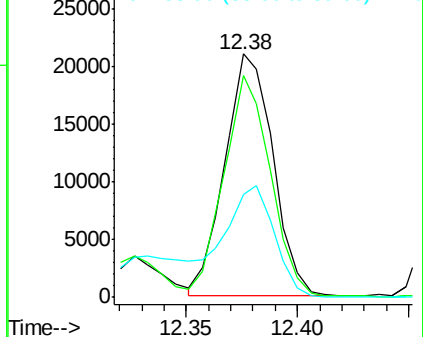
89 50.0 37.5 56.3



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: 21.198 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003054.D

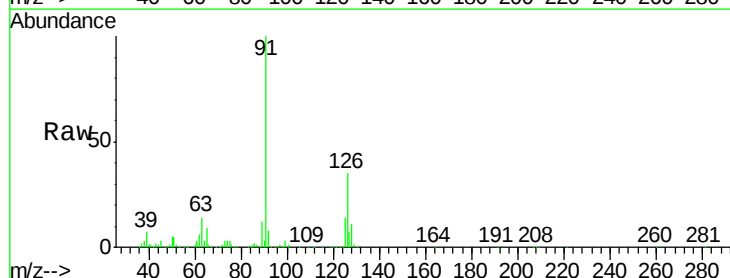
Acq: 01 Jul 2020 13:14

Tgt Ion: 91 Resp: 300386

Ion Ratio Lower Upper

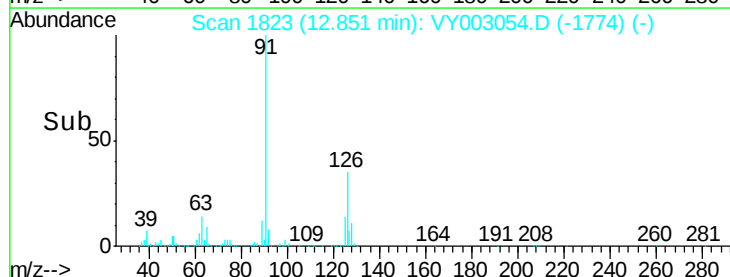
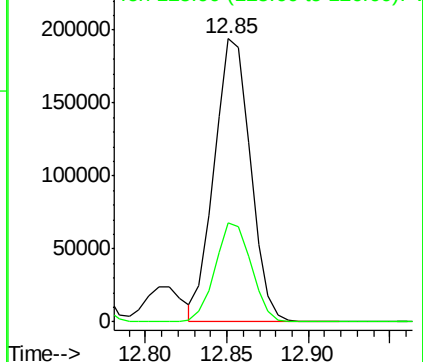
91 100

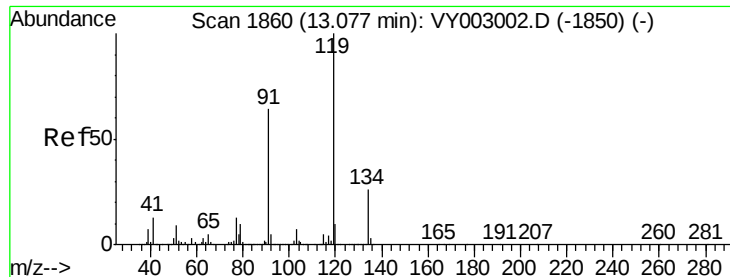
126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

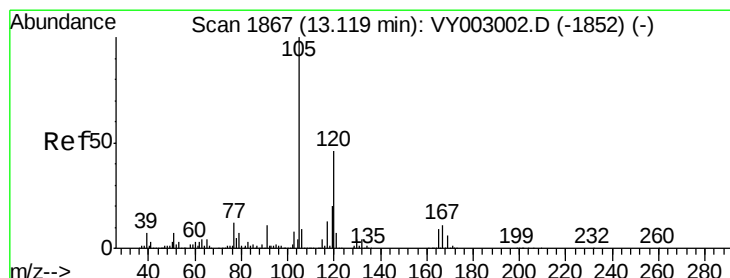
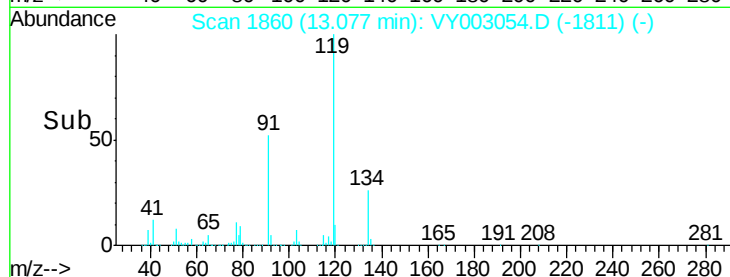
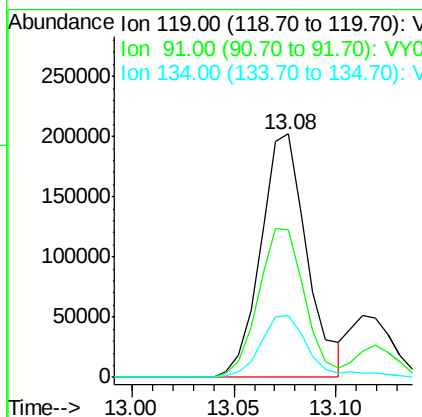
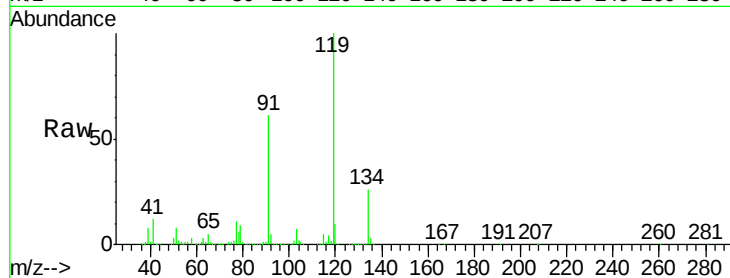




#83
 tert-Butylbenzene
 Concen: 21.318 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

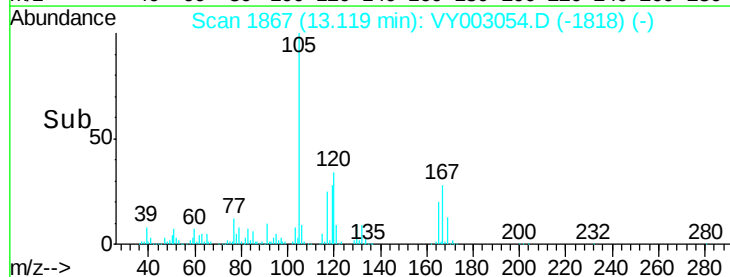
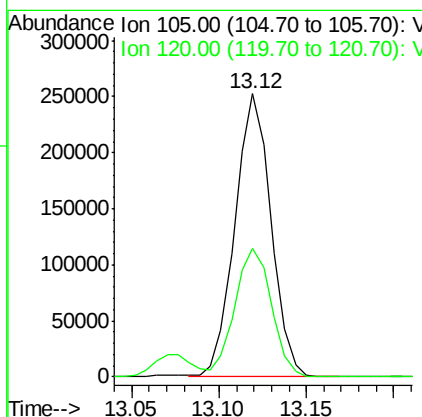
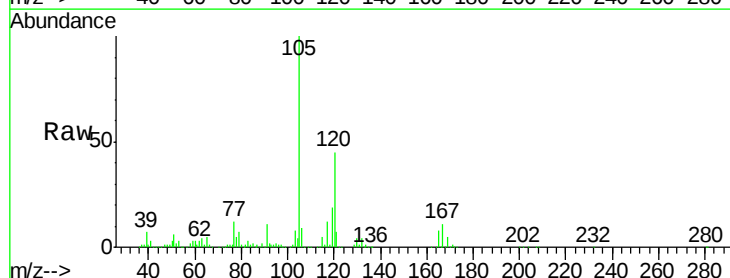
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

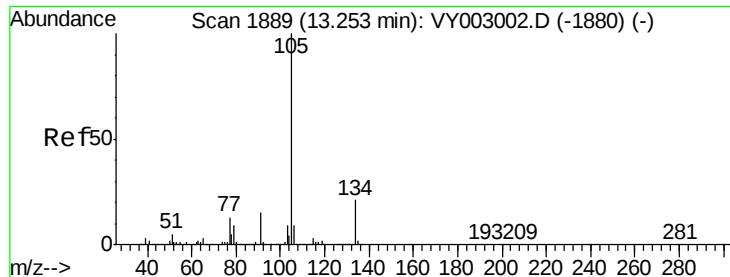
Tgt Ion:119 Resp: 318470
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.6 95.0
 134 26.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.108 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion:105 Resp: 361863
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.8

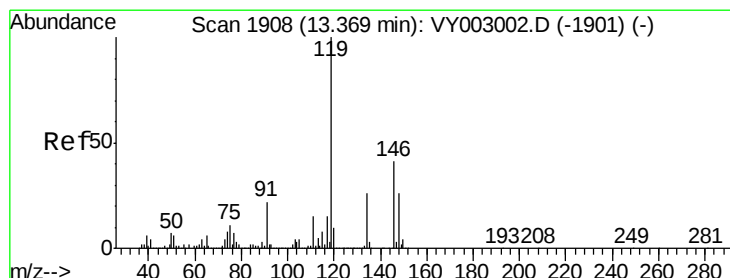
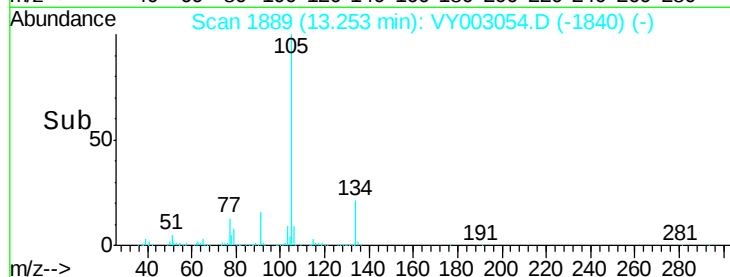
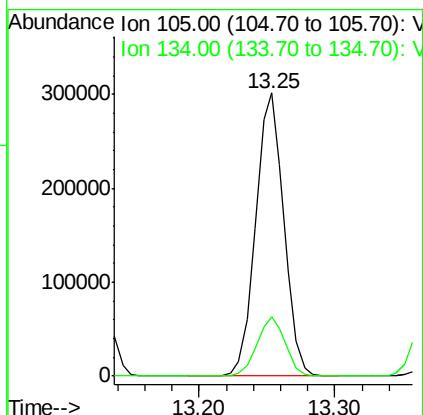
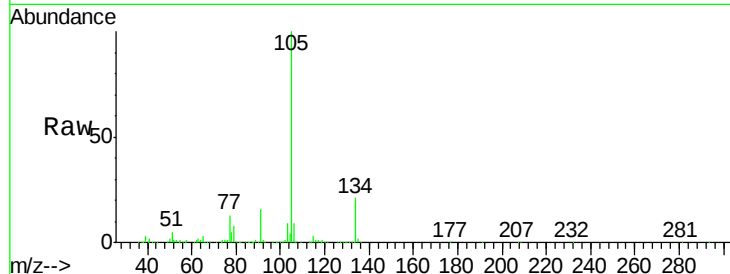




#85
 sec-Butylbenzene
 Concen: 21.281 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

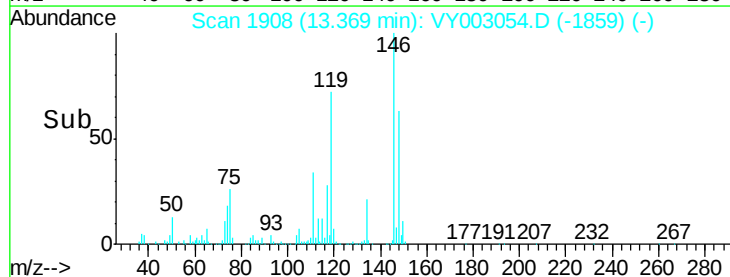
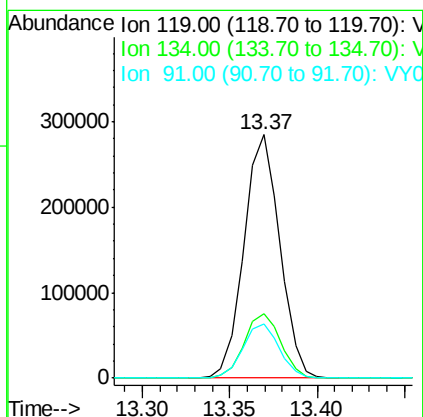
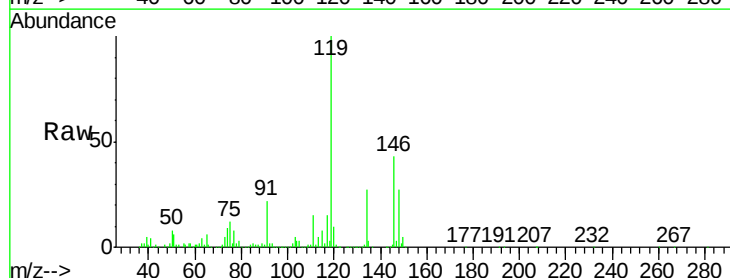
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

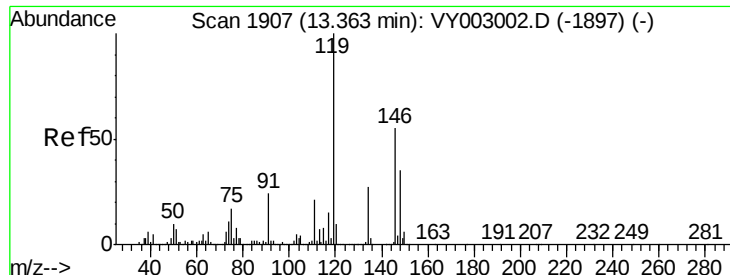
Tgt Ion:105 Resp: 438207
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.159 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion:119 Resp: 403729
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 22.7 11.5 34.5

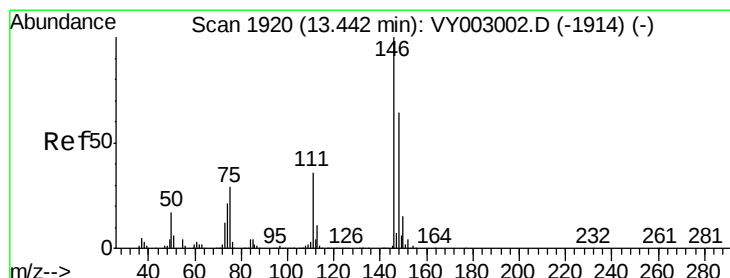
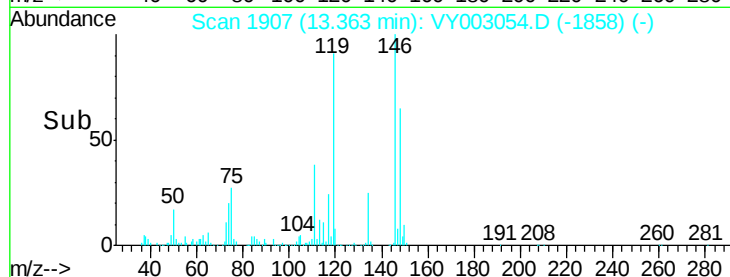
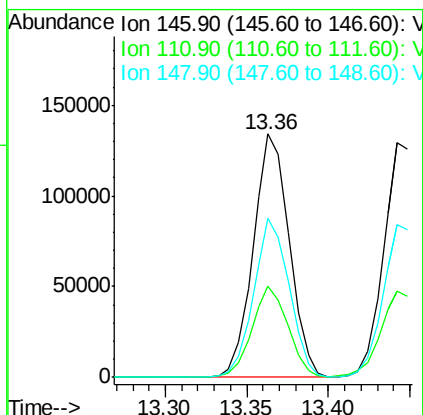
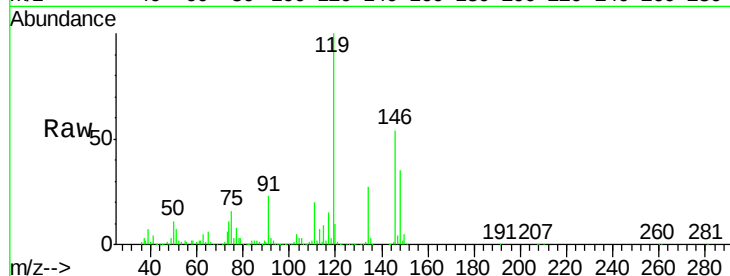




#87
 1,3-Dichlorobenzene
 Concen: 21.157 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

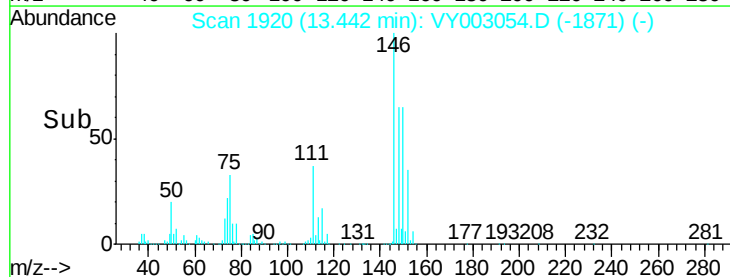
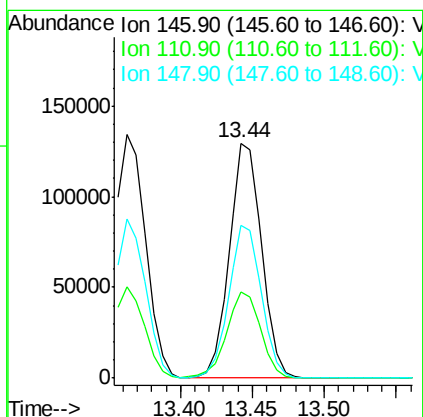
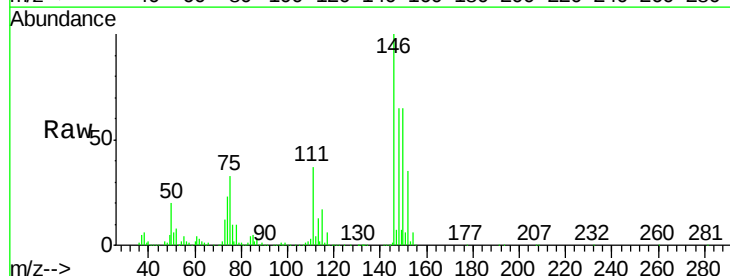
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

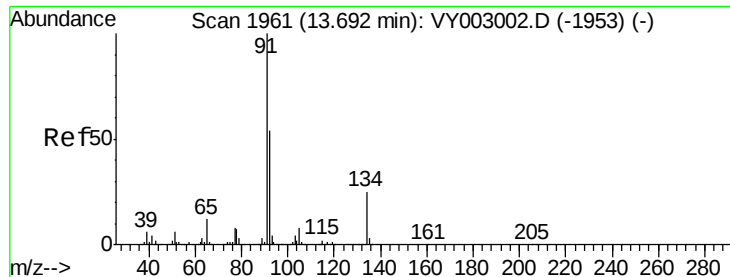
Tgt Ion:146 Resp: 205338
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.168 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion:146 Resp: 202584
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.4 55.4
 148 65.8 32.3 96.9

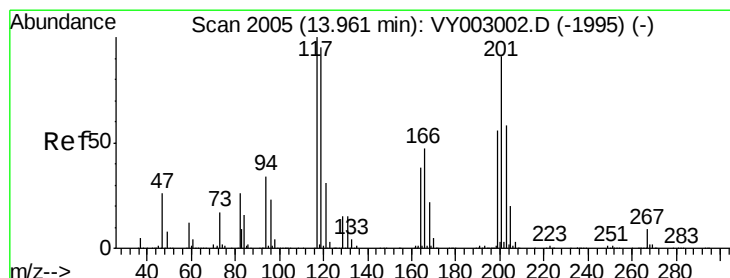
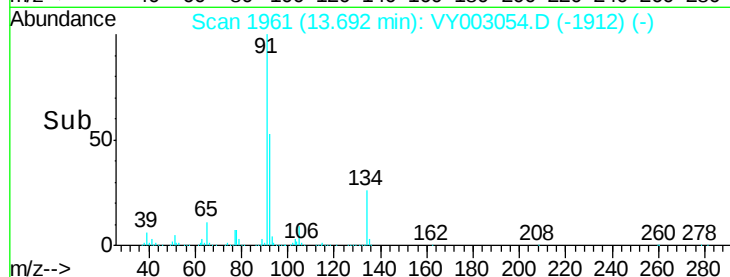
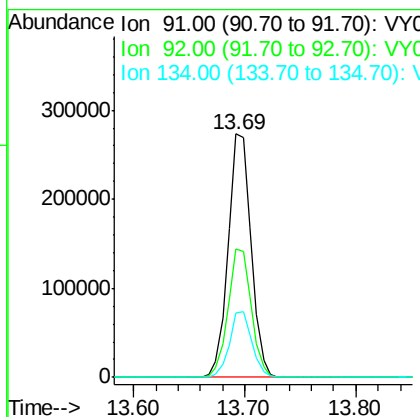
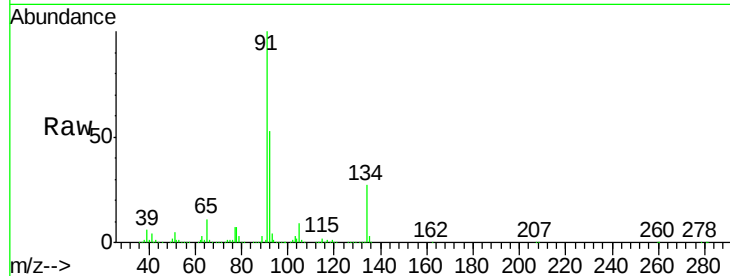




#89
n-Butylbenzene
Concen: 21.281 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

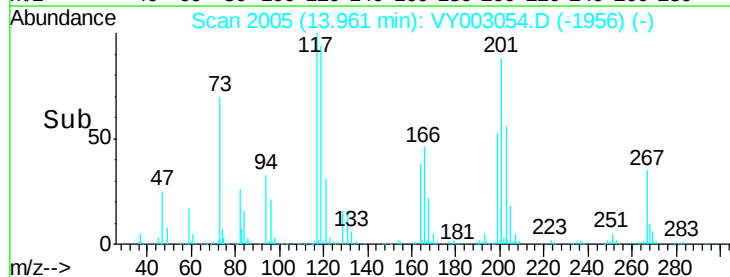
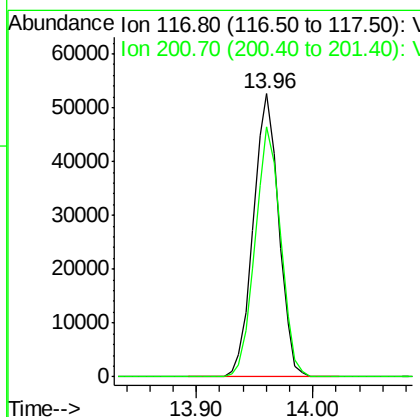
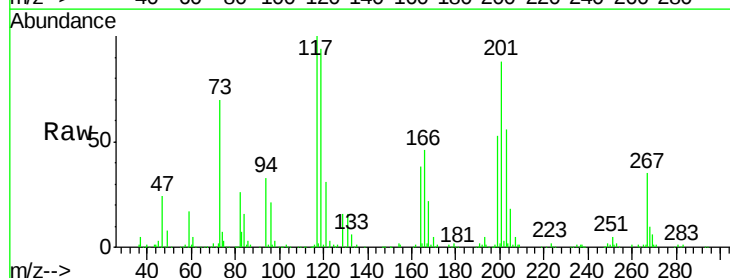
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

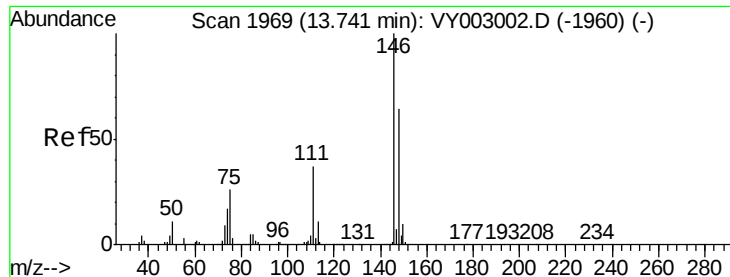
Tgt Ion: 91 Resp: 388504
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 26.6 13.1 39.1



#90
Hexachloroethane
Concen: 21.282 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 117 Resp: 80632
Ion Ratio Lower Upper
117 100
201 88.4 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 21.454 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

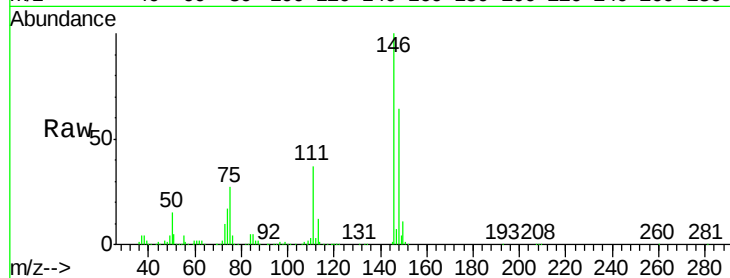
Tgt Ion:146 Resp: 186815

Ion Ratio Lower Upper

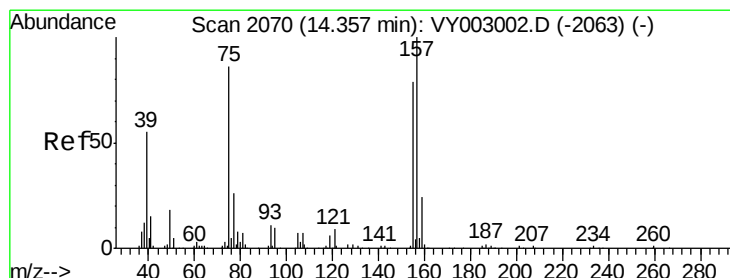
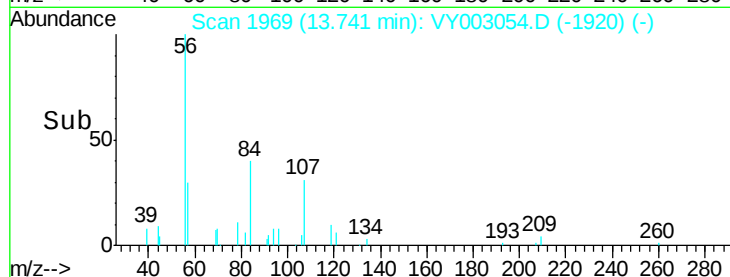
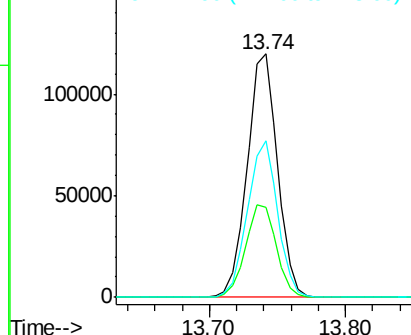
146 100

111 38.6 19.1 57.5

148 64.0 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: 20.536 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

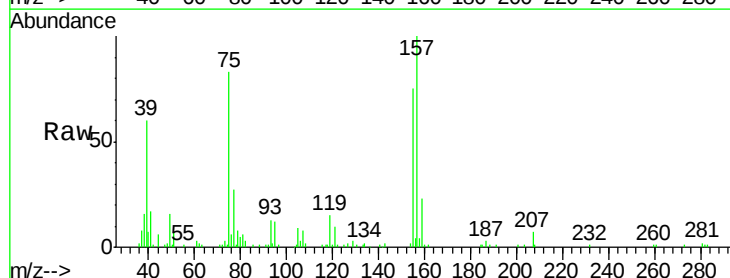
Tgt Ion: 75 Resp: 14874

Ion Ratio Lower Upper

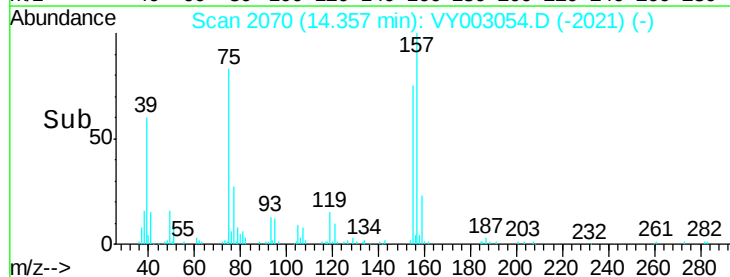
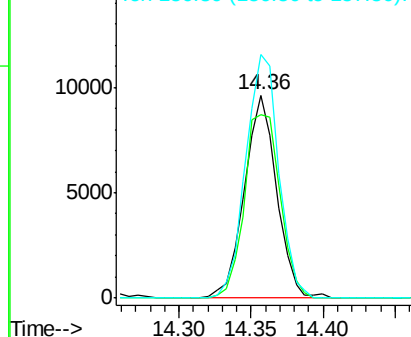
75 100

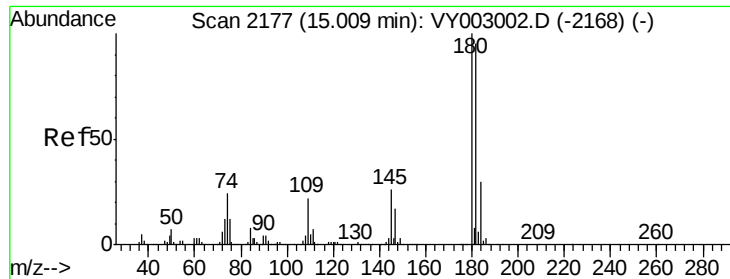
155 100.4 46.5 139.3

157 122.7 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

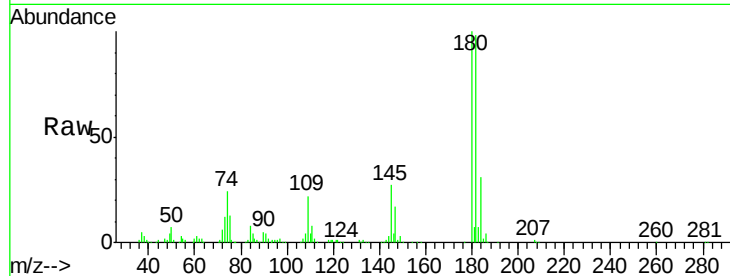




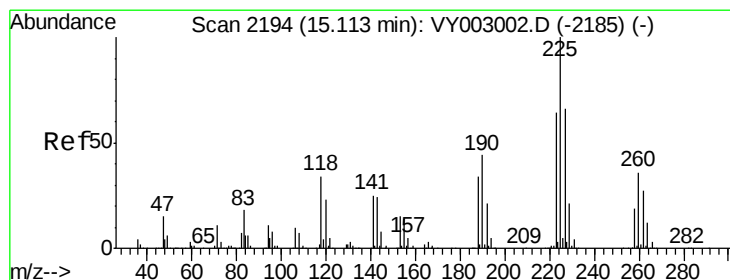
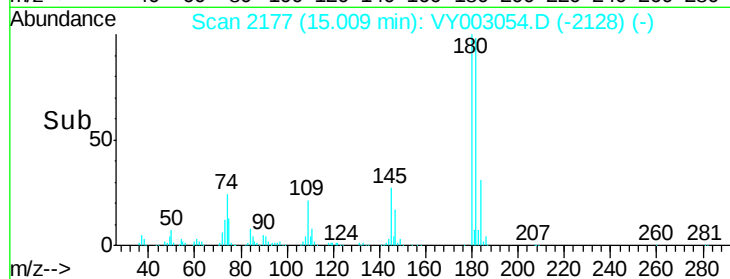
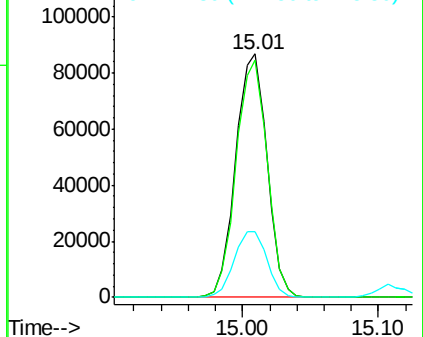
#93
 1,2,4-Trichlorobenzene
 Concen: 21.504 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tgt Ion:180 Resp: 139143
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.1 144.3
 145 28.4 13.9 41.6

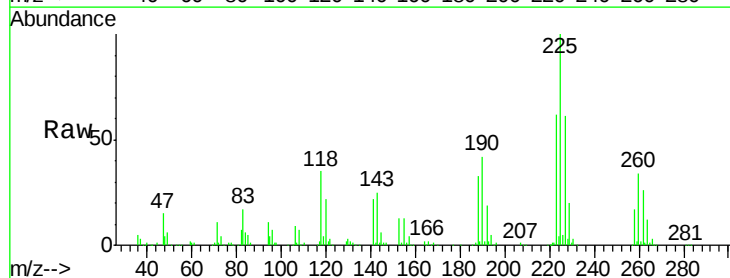


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

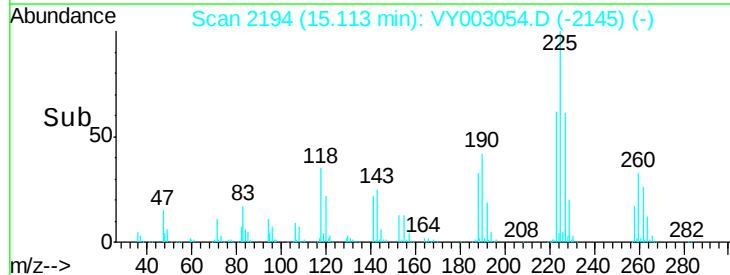
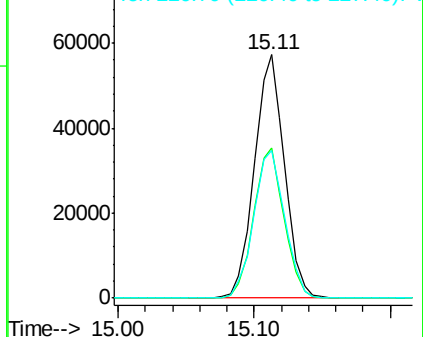


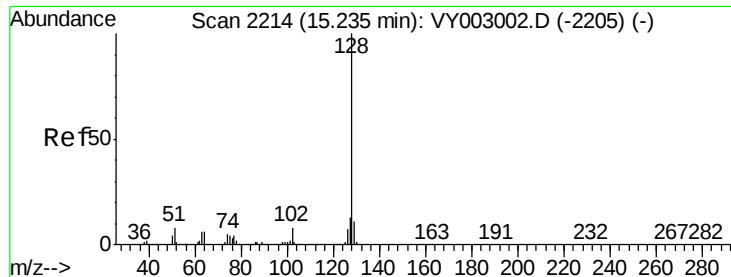
#94
 Hexachlorobutadiene
 Concen: 21.768 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion:225 Resp: 88842
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.4 97.0
 227 62.6 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: 21.405 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

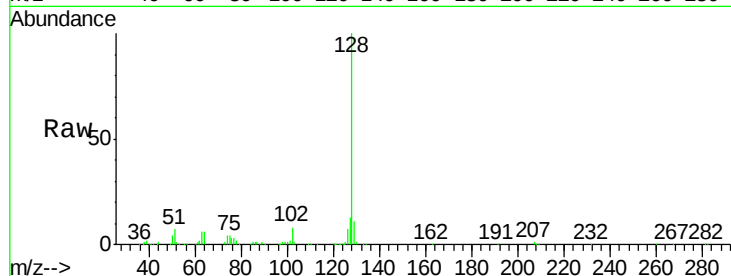
Tgt Ion:128 Resp: 252973

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

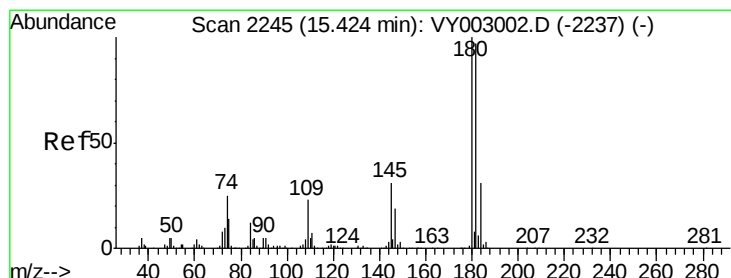
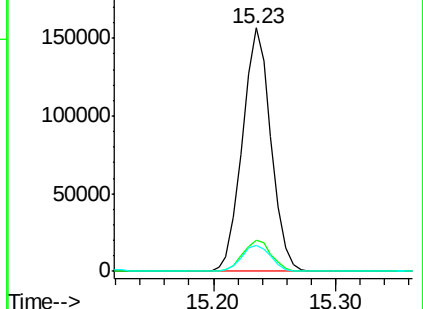
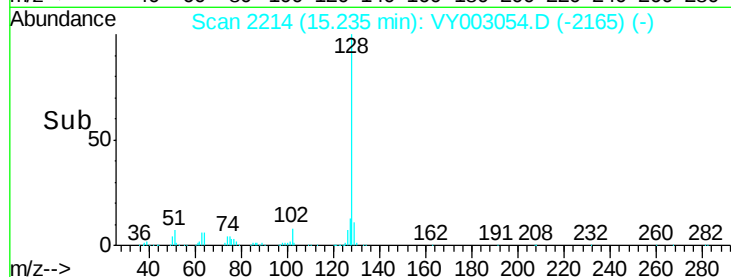
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.537 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

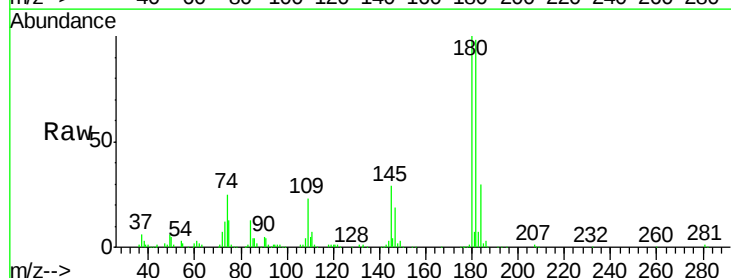
Tgt Ion:180 Resp: 121004

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 29.0 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

