

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003507.D
 Acq On : 04 Nov 2020 12:24
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 00:25:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	294147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	118320	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.73	113	100688	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.18	98	408531	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.48	95	137746	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	37164	21.150	ug/l	97
3) Chloromethane	2.12	50	49230	21.282	ug/l	99
4) Vinyl Chloride	2.26	62	54612	21.032	ug/l	99
5) Bromomethane	2.65	94	44571	20.545	ug/l	100
6) Chloroethane	2.80	64	35056	22.651	ug/l	98
7) Trichlorofluoromethane	3.13	101	71883	21.810	ug/l	99
8) Diethyl Ether	3.54	74	23769	23.517	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41389	22.721	ug/l	98
10) Methyl Iodide	4.10	142	40398	24.221	ug/l	99
11) Tert butyl alcohol	4.97	59	31702	130.086	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	38848	21.434	ug/l	94
13) Acrolein	3.74	56	19561	103.528	ug/l	99
14) Allyl chloride	4.49	41	72768	22.007	ug/l	99
15) Acrylonitrile	5.18	53	57760	107.061	ug/l	100
16) Acetone	3.96	43	71028	94.571	ug/l	96
17) Carbon Disulfide	4.20	76	127175	21.659	ug/l	99
18) Methyl Acetate	4.49	43	30170	21.257	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	103853	23.135	ug/l	98
20) Methylene Chloride	4.72	84	49245	23.282	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	46494	22.154	ug/l	98
22) Diisopropyl ether	6.13	45	138677	23.911	ug/l	96
23) Vinyl Acetate	6.07	43	498546	114.390	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84253	22.861	ug/l	99
25) 2-Butanone	7.00	43	95389	101.548	ug/l	100
26) 2,2-Dichloropropane	6.99	77	76830	22.377	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	51213	22.520	ug/l	98
28) Bromochloromethane	7.34	49	37735	20.352	ug/l	98
29) Tetrahydrofuran	7.36	42	53155	108.293	ug/l	99
30) Chloroform	7.52	83	83606	23.096	ug/l	100
31) Cyclohexane	7.79	56	73489	21.535	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	75868	22.466	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65987	21.696	ug/l	99
37) Ethyl Acetate	7.08	43	41872	22.171	ug/l	99
38) Carbon Tetrachloride	7.91	117	67889	21.516	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72901	21.526	ug/l	96
40) Benzene	8.17	78	189925	22.439	ug/l	100
41) Methacrylonitrile	7.32	41	19178	19.016	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	60460	22.797	ug/l	99
43) Isopropyl Acetate	8.28	43	74798	22.037	ug/l	100
44) Trichloroethene	8.94	130	53269	22.418	ug/l	99
45) 1,2-Dichloropropane	9.22	63	48926	22.889	ug/l	98
46) Dibromomethane	9.31	93	26534	22.563	ug/l	100
47) Bromodichloromethane	9.50	83	66227	23.009	ug/l	100
48) Methyl methacrylate	9.30	41	34220	21.403	ug/l	96
49) 1,4-Dioxane	9.30	88	5886	401.141	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	199872	110.523	ug/l	98
52) Toluene	10.25	92	117856	22.262	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	70068	22.875	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	79772	23.144	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	37913	22.711	ug/l	98
56) Ethyl methacrylate	10.51	69	50555	22.610	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65804	22.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	127139	112.164	ug/l	99
59) 2-Hexanone	10.83	43	140472	104.911	ug/l	97
60) Dibromochloromethane	10.99	129	46785	22.803	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35862	22.252	ug/l	99
64) Tetrachloroethene	10.72	164	49117	22.359	ug/l	97
65) Chlorobenzene	11.52	112	131050	22.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48960	22.718	ug/l	99
67) Ethyl Benzene	11.59	91	230608	22.255	ug/l	98
68) m/p-Xylenes	11.70	106	175244	44.628	ug/l	100
69) o-Xylene	12.03	106	81413	22.539	ug/l	98
70) Styrene	12.04	104	139531	22.750	ug/l	100
71) Bromoform	12.20	173	32001	22.277	ug/l #	98
73) Isopropylbenzene	12.33	105	220972	21.327	ug/l	100
74) N-amyl acetate	12.14	43	64689	22.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48421	21.879	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	61708	36.770	ug/l #	100
77) Bromobenzene	12.61	156	58516	22.229	ug/l	99
78) n-propylbenzene	12.67	91	264442	21.668	ug/l	100
79) 2-Chlorotoluene	12.75	91	148979	21.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	191865	22.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16335	20.316	ug/l	100
82) 4-Chlorotoluene	12.85	91	157084	22.046	ug/l	100
83) tert-Butylbenzene	13.07	119	164809	21.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	191167	22.281	ug/l	99
85) sec-Butylbenzene	13.25	105	224096	21.738	ug/l	99
86) p-Isopropyltoluene	13.36	119	210270	21.993	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110160	22.464	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108411	22.232	ug/l	98
89) n-Butylbenzene	13.69	91	191535	21.933	ug/l	100
90) Hexachloroethane	13.95	117	35117	21.825	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	98478	22.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8327	20.785	ug/l	96

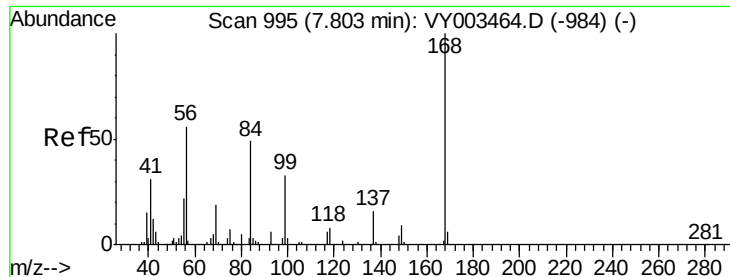
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
Data File : VY003507.D
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QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71098	23.073	ug/l	100
94) Hexachlorobutadiene	15.11	225	44759	22.580	ug/l	99
95) Naphthalene	15.23	128	131801	21.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63975	23.080	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

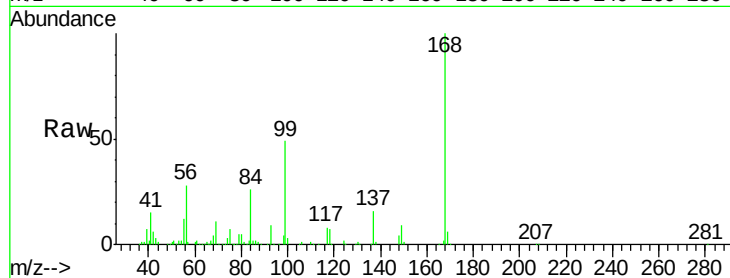
VY1104SBSD01

Tot Ion:168 Resp: 222080

Ion Ratio Lower Upper

168 100

99 49.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

100000

80000

60000

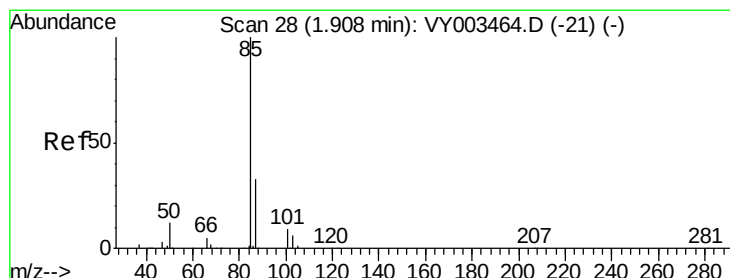
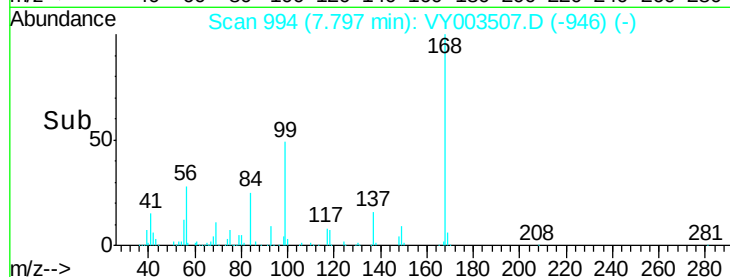
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.150 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003507.D

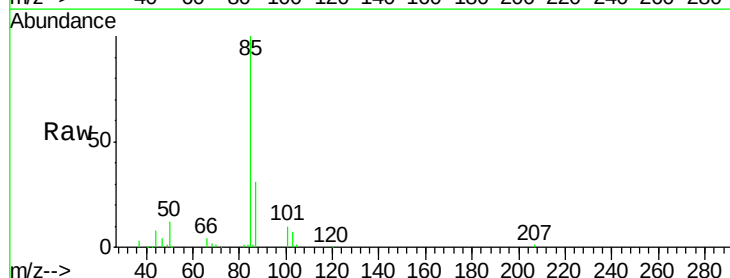
Acq: 04 Nov 2020 12:24

Tgt Ion: 85 Resp: 37164

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

30000

25000

20000

15000

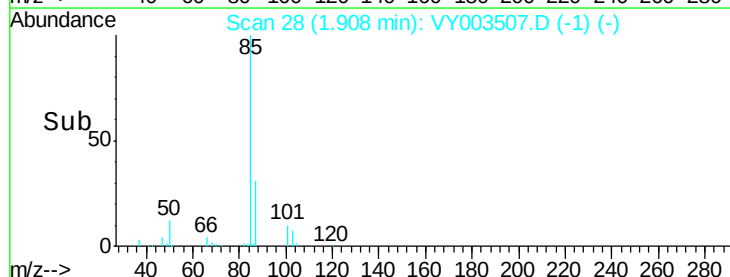
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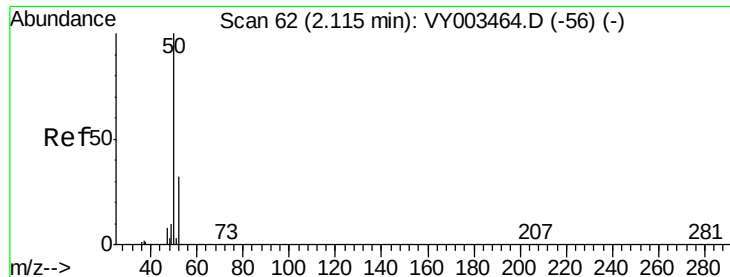
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.282 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

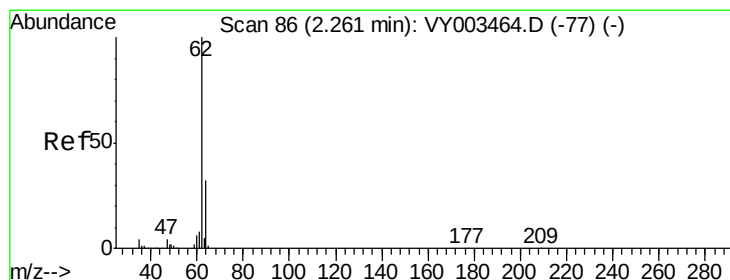
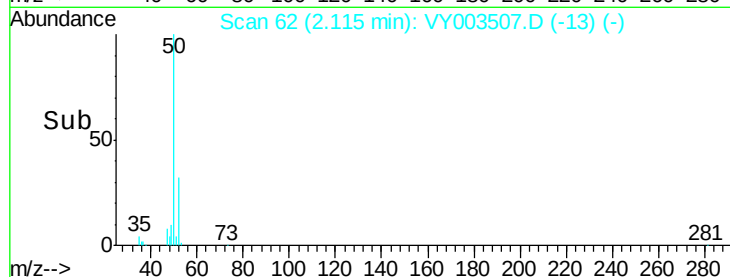
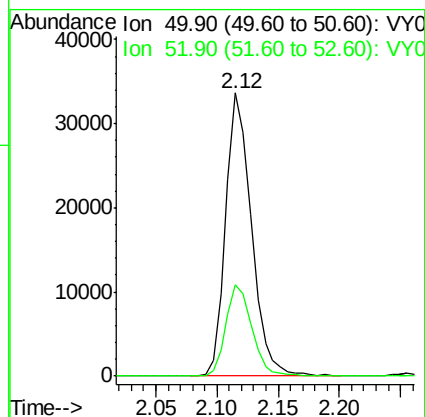
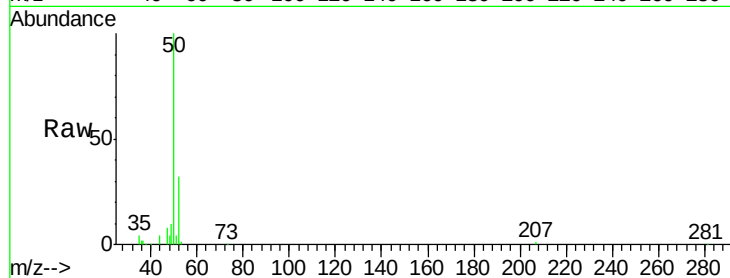
VY1104SBS01

Tot Ion: 50 Resp: 49230

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 21.032 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003507.D

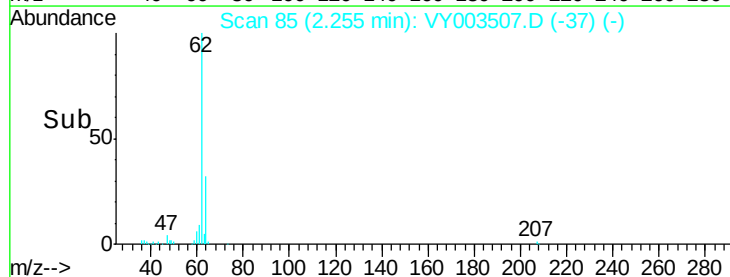
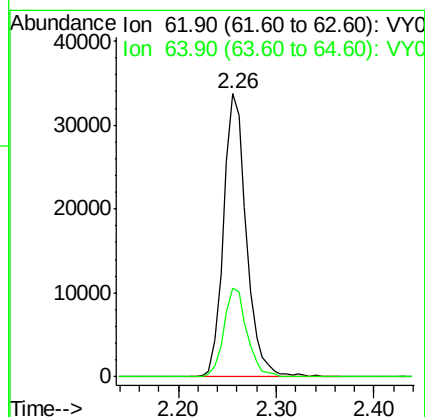
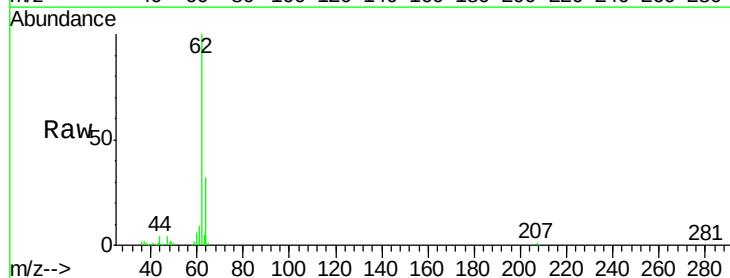
Acq: 04 Nov 2020 12:24

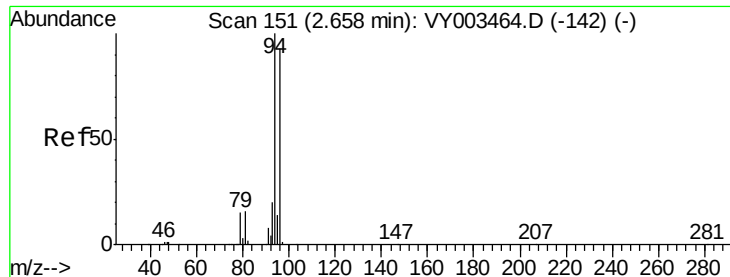
Tgt Ion: 62 Resp: 54612

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 20.545 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

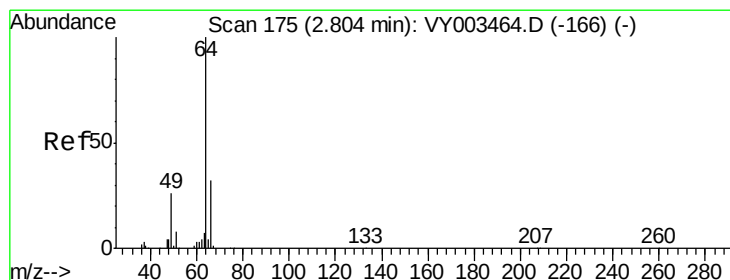
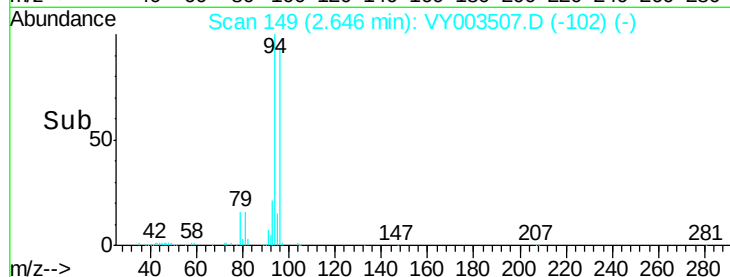
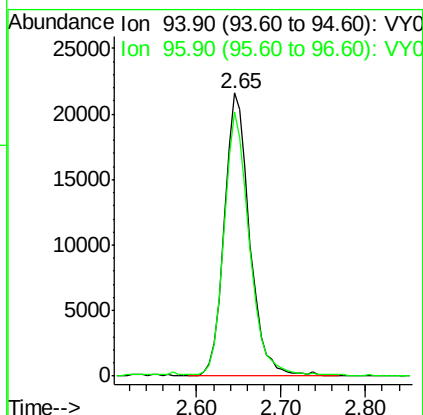
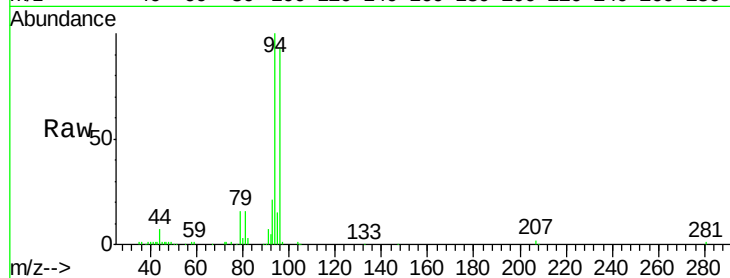
VY1104SBSD01

Tot Ion: 94 Resp: 44571

Ion Ratio Lower Upper

94 100

96 92.8 74.6 112.0



#6

Chloroethane

Concen: 22.651 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003507.D

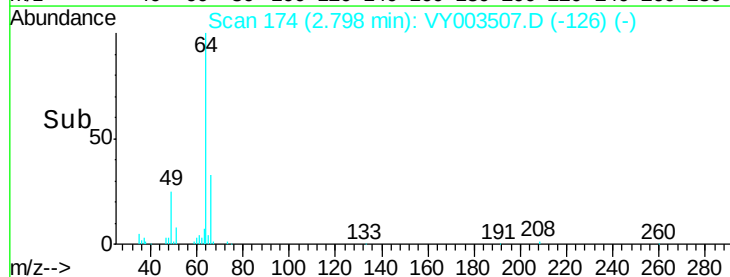
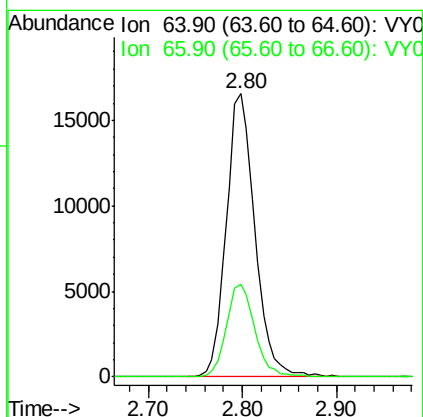
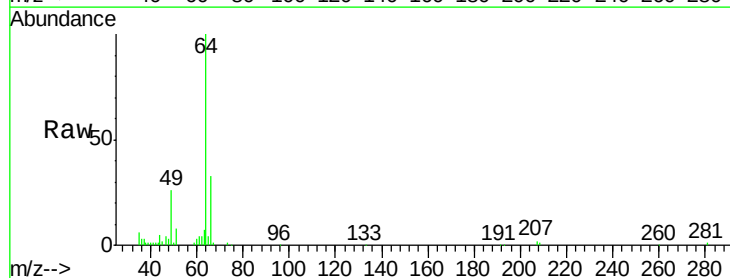
Acq: 04 Nov 2020 12:24

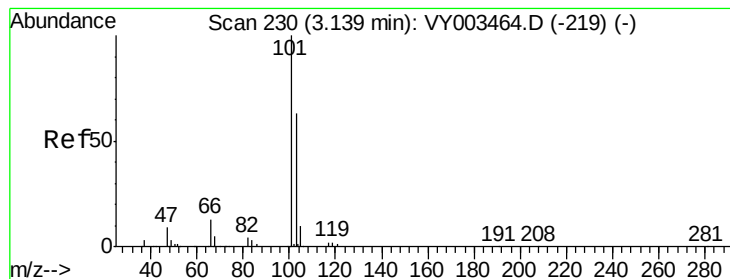
Tgt Ion: 64 Resp: 35056

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



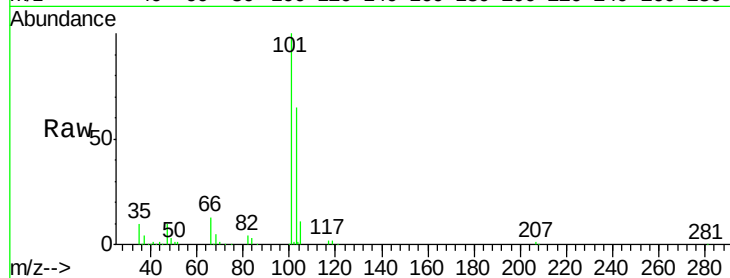


#7

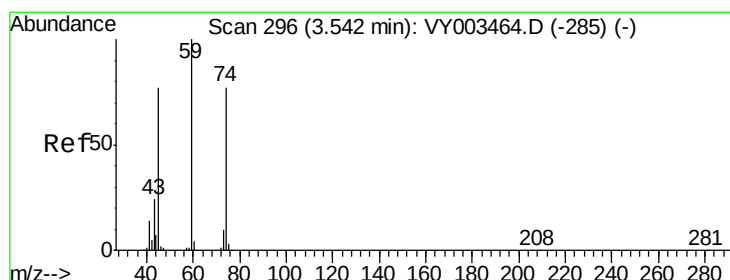
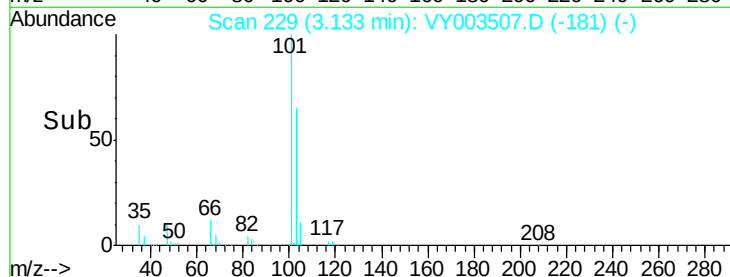
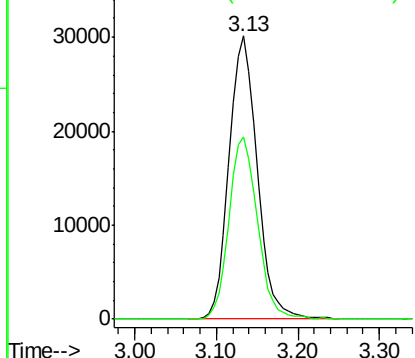
Trichlorofluoromethane
Concen: 21.810 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion:101 Resp: 71883
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1



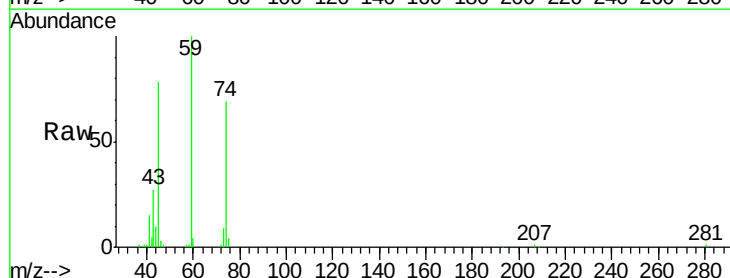
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



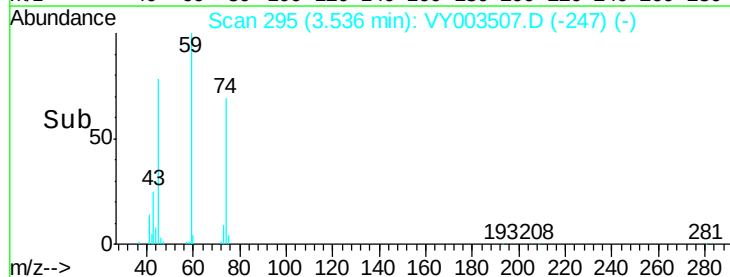
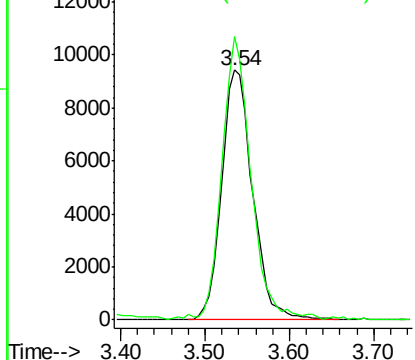
#8

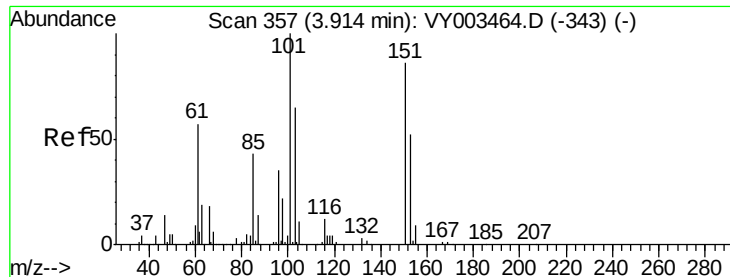
Diethyl Ether
Concen: 23.517 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 74 Resp: 23769
Ion Ratio Lower Upper
74 100
45 106.9 50.7 152.3



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.721 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

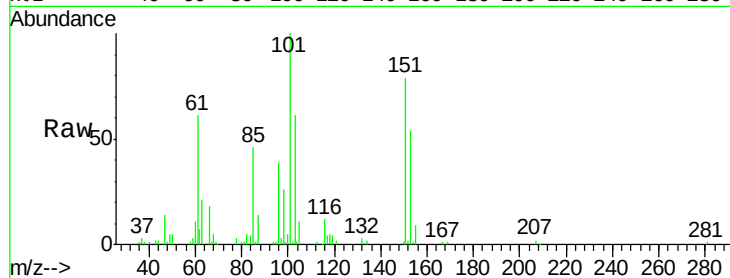
Tot Ion:101 Resp: 41389

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.8

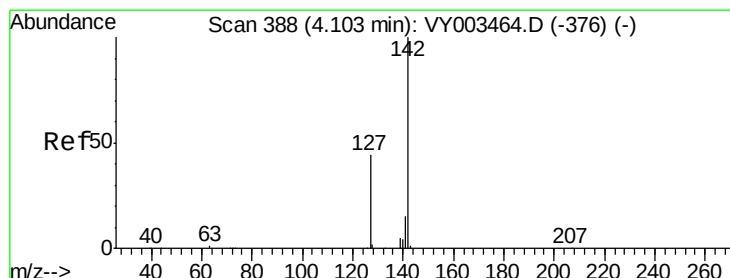
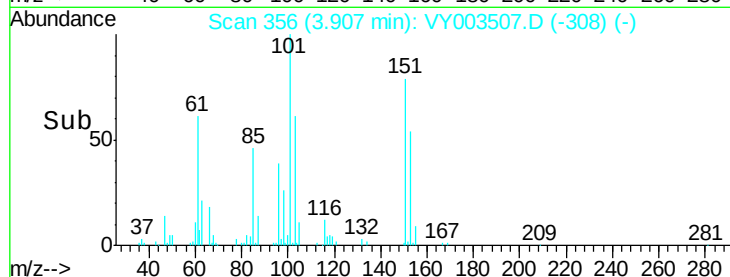
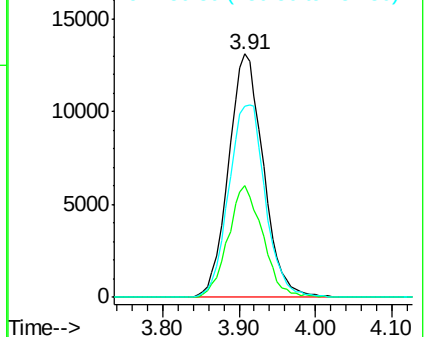
151 82.9 67.6 101.4



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: 24.221 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

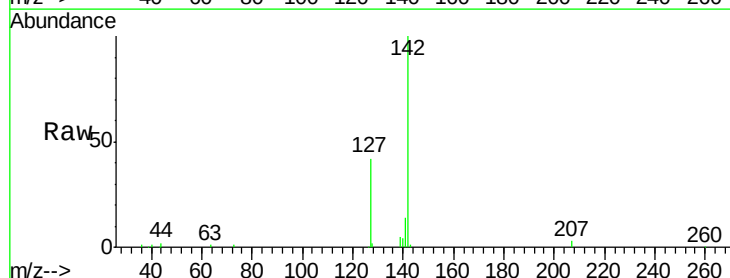
Tgt Ion:142 Resp: 40398

Ion Ratio Lower Upper

142 100

127 43.6 34.5 51.7

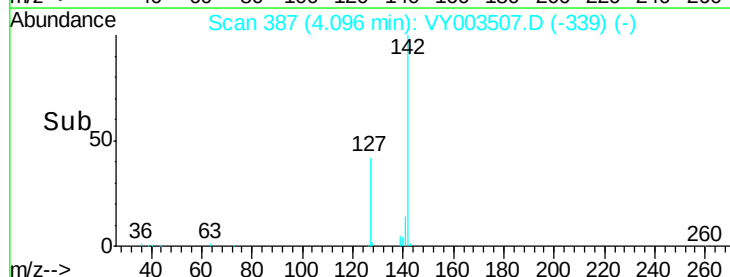
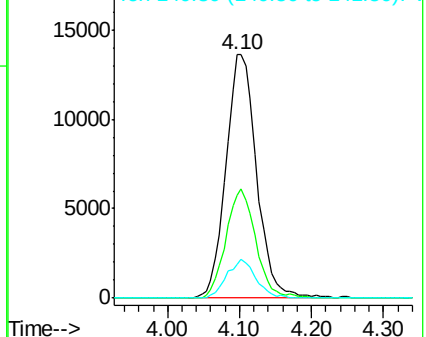
141 14.8 11.8 17.8

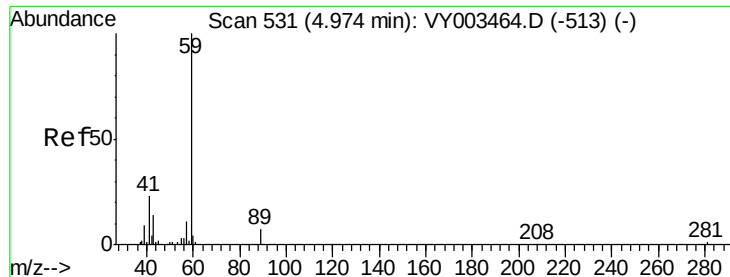


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



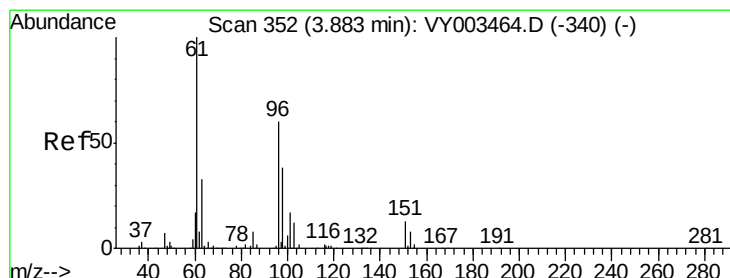
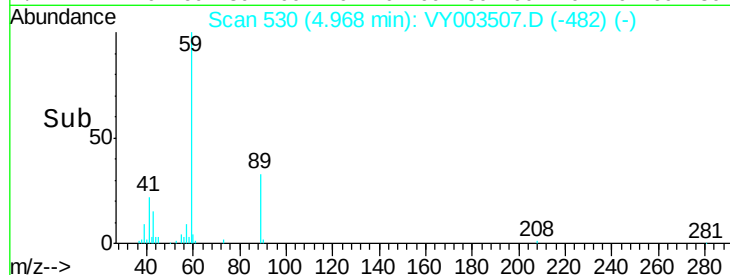
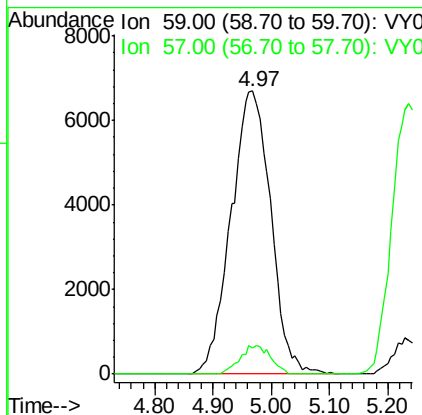
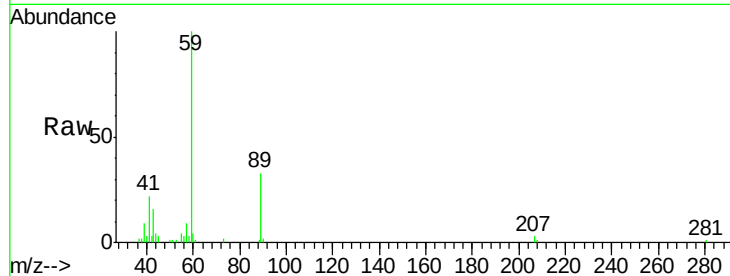


#11

Tert butyl alcohol
Concen: 130.086 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

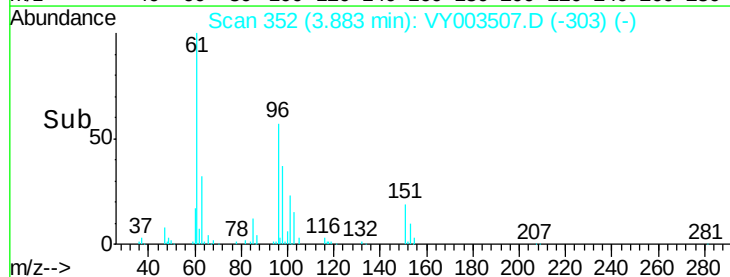
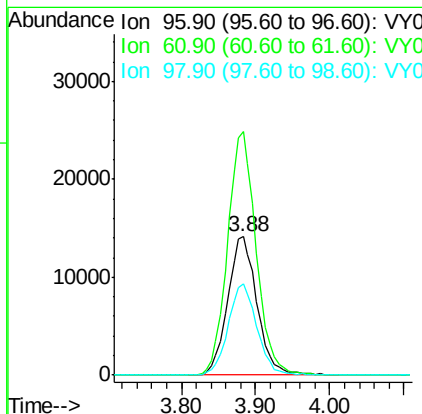
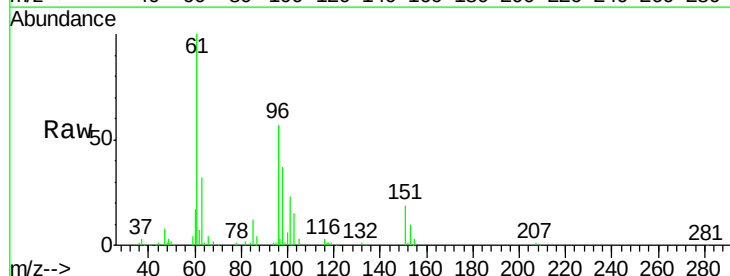
Tot Ion: 59 Resp: 31702
Ion Ratio Lower Upper
59 100
57 7.7 7.9 11.9#

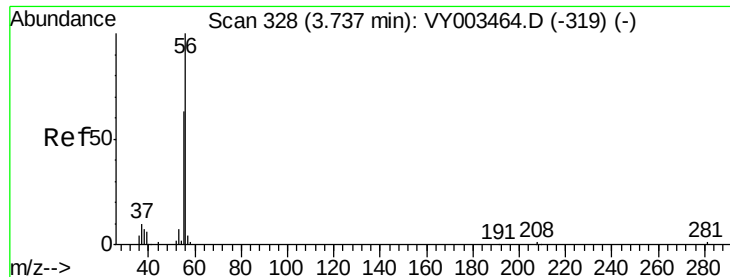


#12

1,1-Dichloroethene
Concen: 21.434 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 96 Resp: 38848
Ion Ratio Lower Upper
96 100
61 175.8 133.6 200.4
98 65.9 50.2 75.2





#13

Acrolein

Concen: 103.528 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

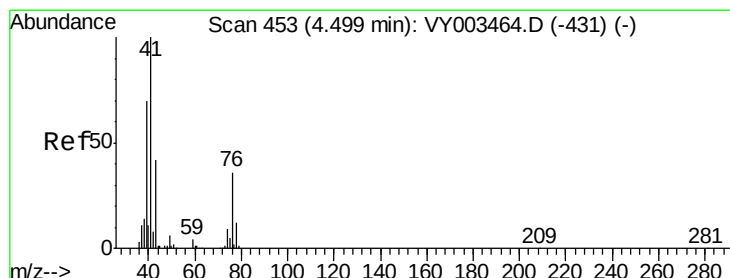
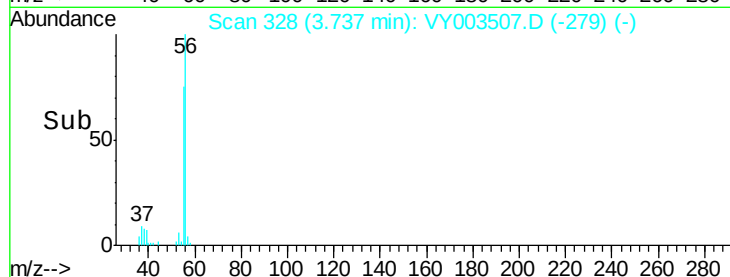
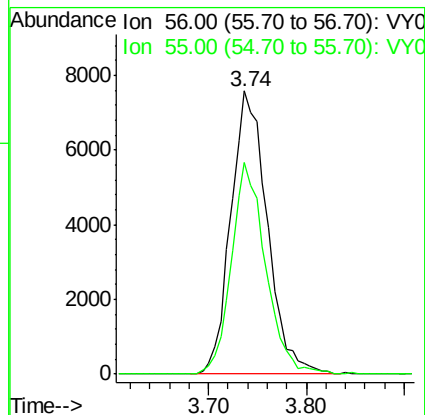
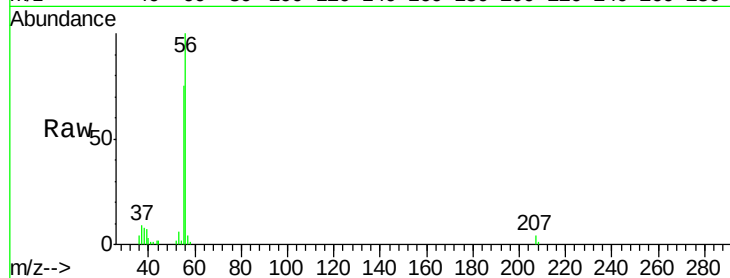
VY1104SBS01

Tot Ion: 56 Resp: 19561

Ion Ratio Lower Upper

56 100

55 70.2 56.6 85.0



#14

Allyl chloride

Concen: 22.007 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

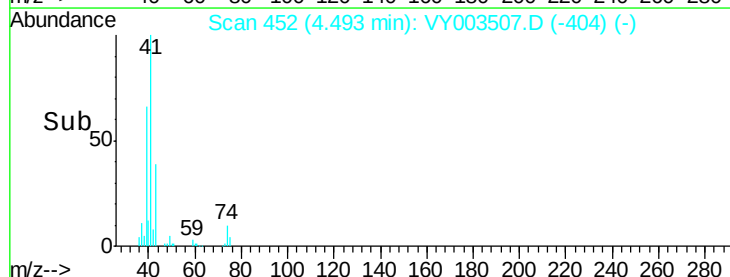
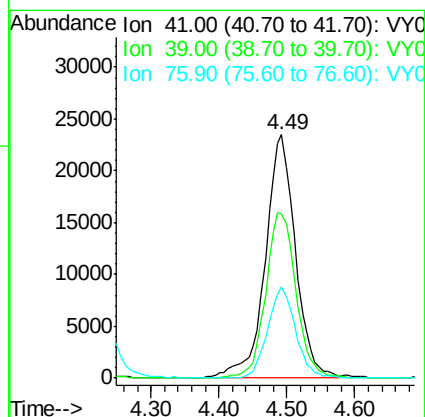
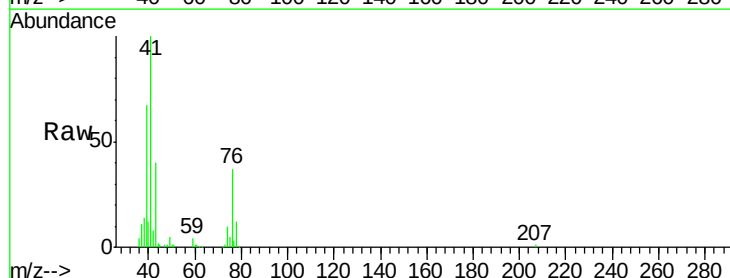
Tgt Ion: 41 Resp: 72768

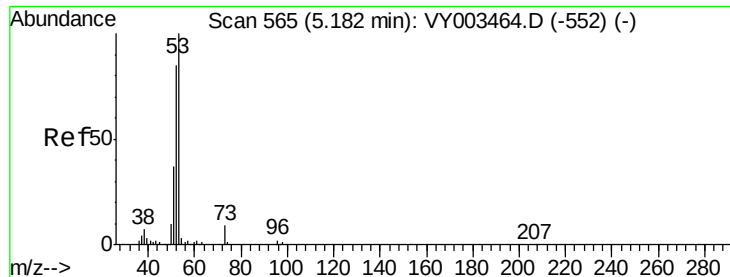
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 34.6 27.6 41.4





#15

Acrylonitrile

Concen: 107.061 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

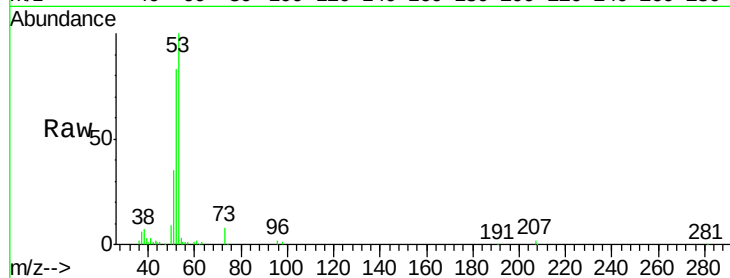
Tot Ion: 53 Resp: 57760

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

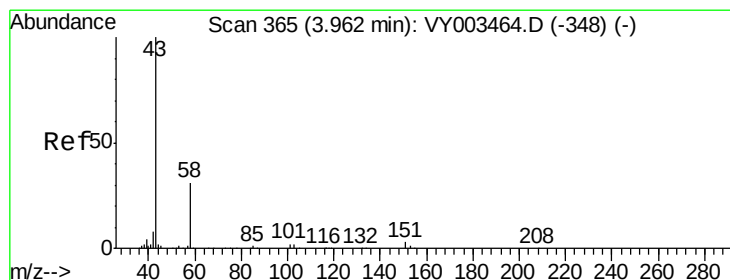
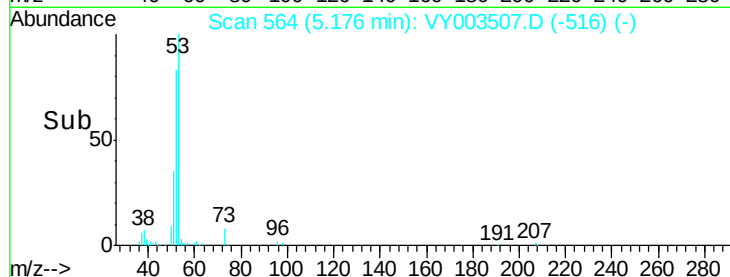
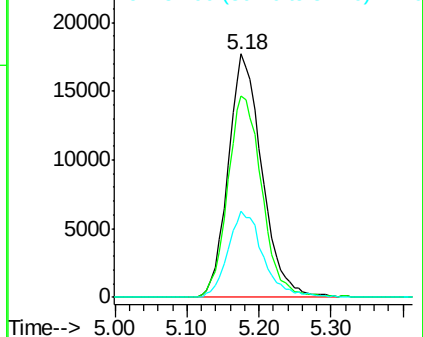
51 36.6 29.3 43.9



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: 94.571 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003507.D

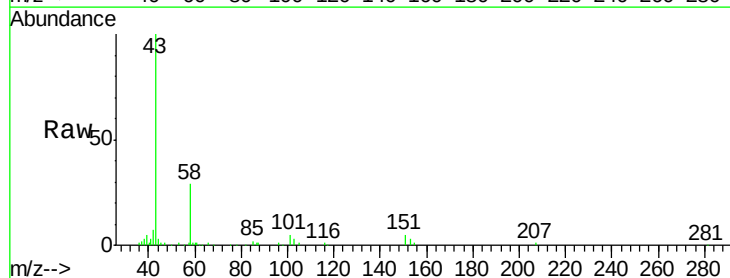
Acq: 04 Nov 2020 12:24

Tgt Ion: 43 Resp: 71028

Ion Ratio Lower Upper

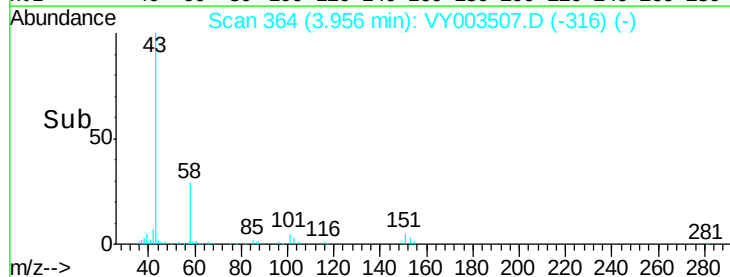
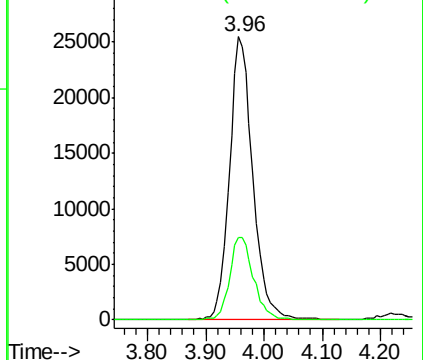
43 100

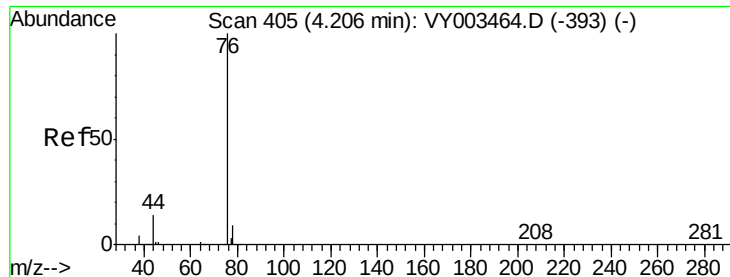
58 29.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.659 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

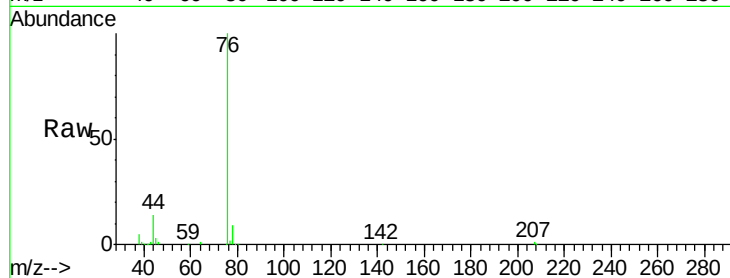
VY1104SBSD01

Tot Ion: 76 Resp: 127175

Ion Ratio Lower Upper

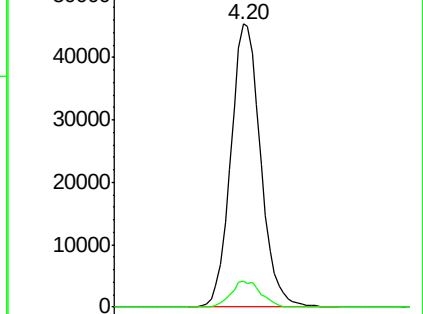
76 100

78 9.0 7.4 11.2

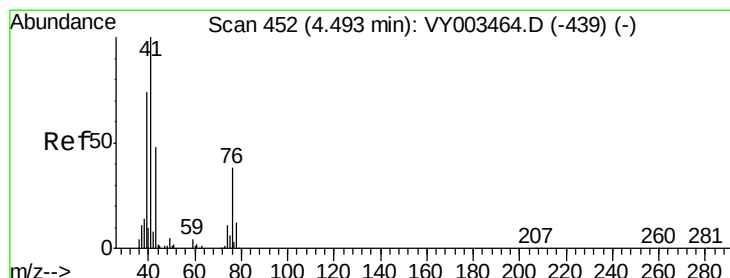
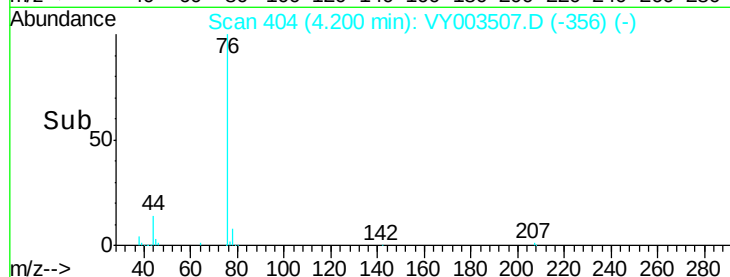


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#18

Methyl Acetate

Concen: 21.257 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003507.D

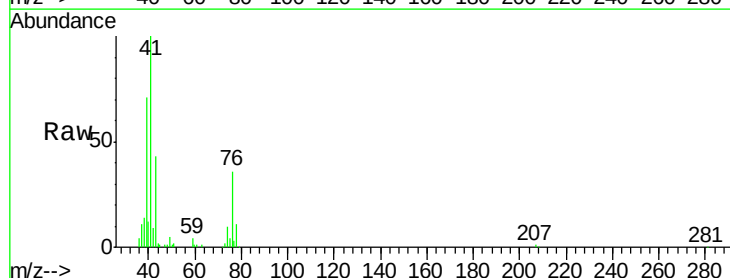
Acq: 04 Nov 2020 12:24

Tgt Ion: 43 Resp: 30170

Ion Ratio Lower Upper

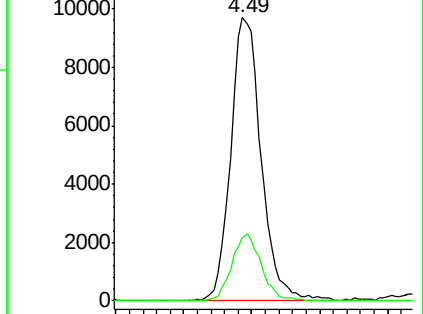
43 100

74 22.8 18.4 27.6

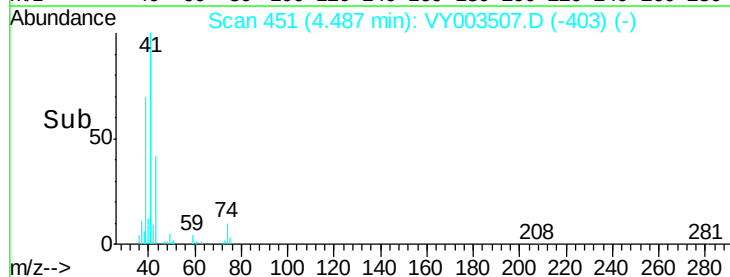


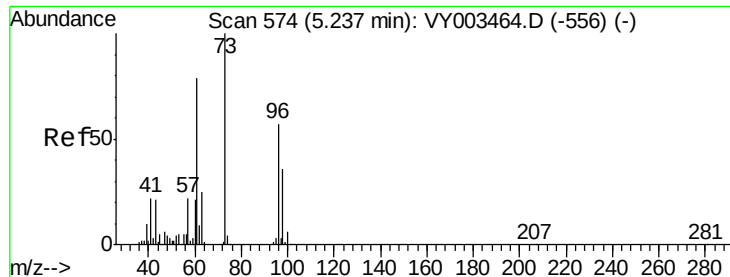
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



Time-->

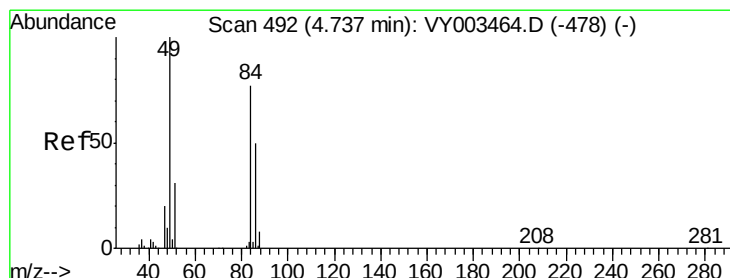
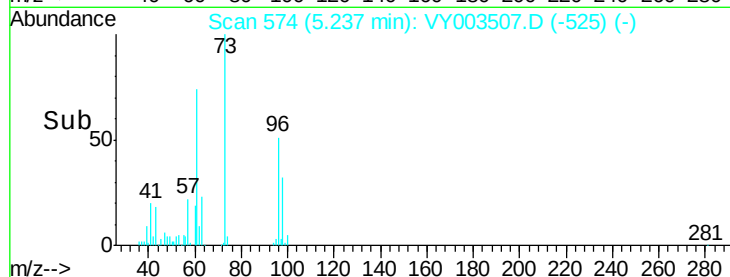
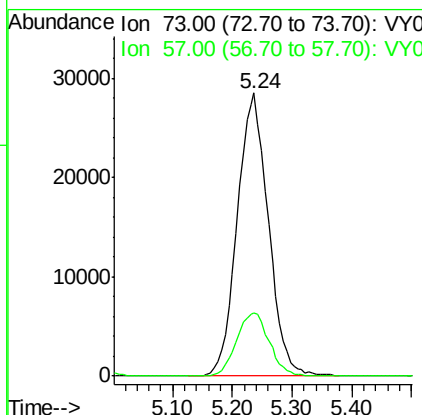
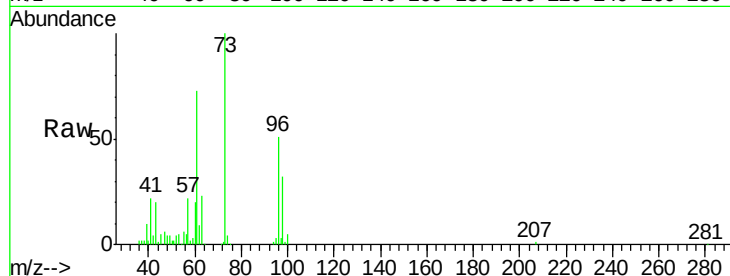




#19
Methyl tert-butyl Ether
Concen: 23.135 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

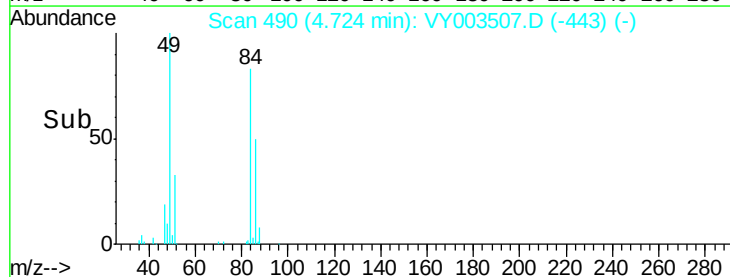
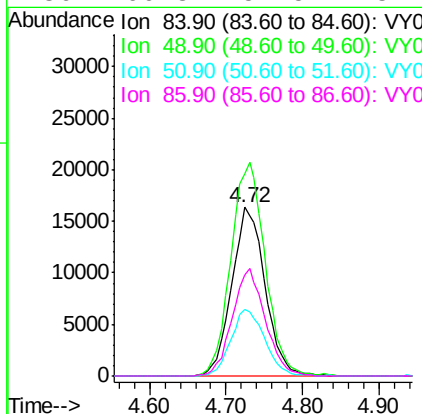
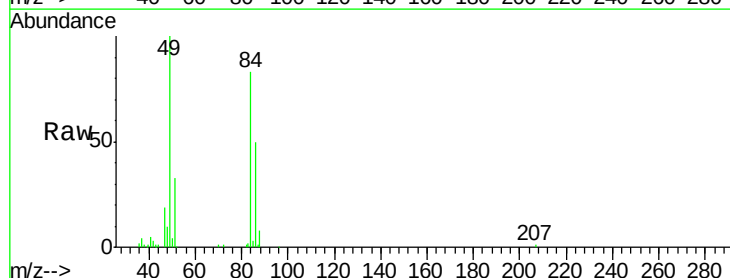
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

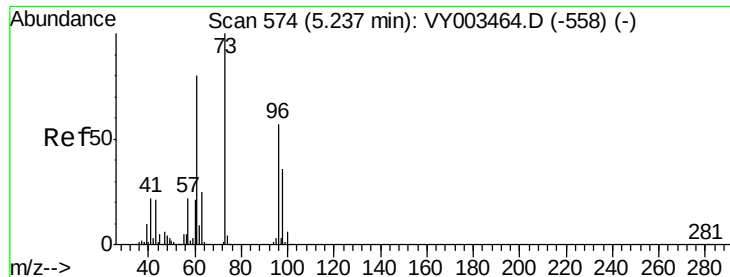
Tot Ion: 73 Resp: 103853
Ion Ratio Lower Upper
73 100
57 22.5 17.2 25.8



#20
Methylene Chloride
Concen: 23.282 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 84 Resp: 49245
Ion Ratio Lower Upper
84 100
49 120.1 104.3 156.5
51 39.2 32.5 48.7
86 60.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 22.154 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

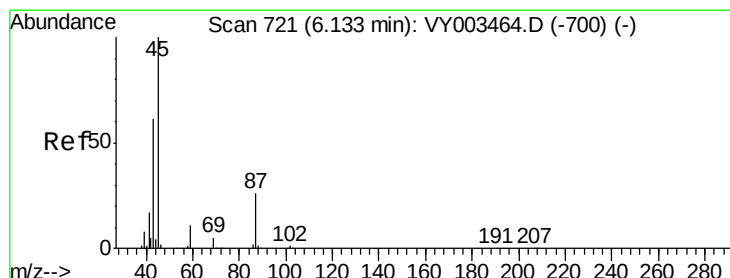
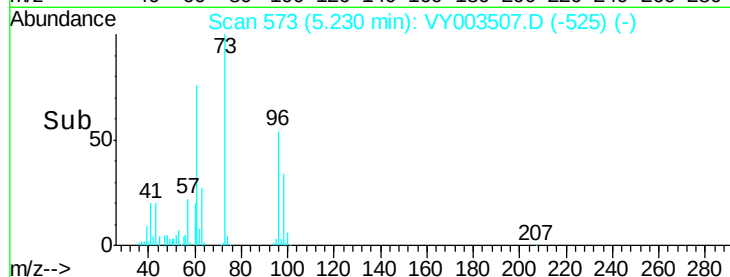
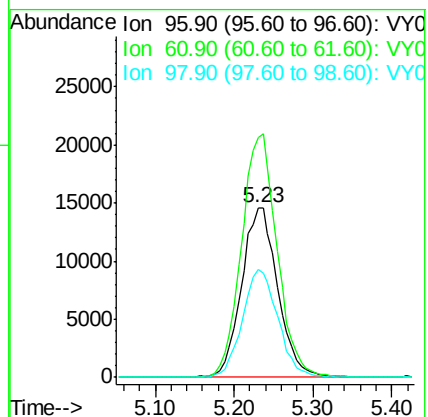
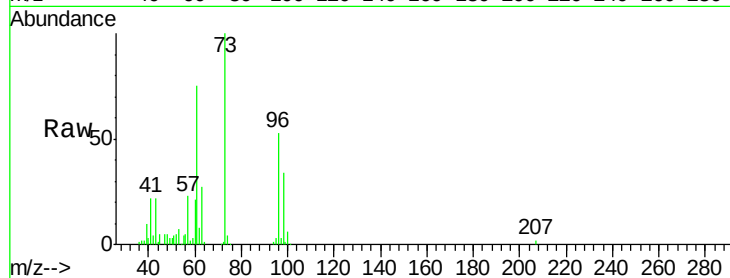
Tot Ion: 96 Resp: 46494

Ion Ratio Lower Upper

96 100

61 141.6 111.3 166.9

98 63.8 50.3 75.5



#22

Diisopropyl ether

Concen: 23.911 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion: 45 Resp: 138677

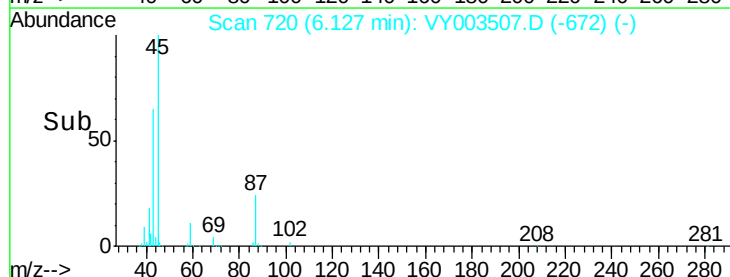
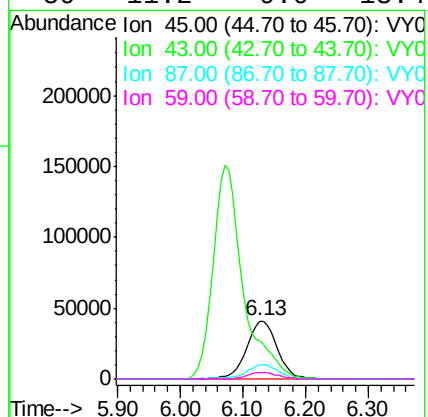
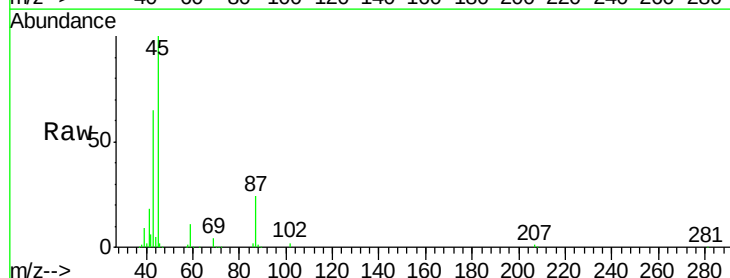
Ion Ratio Lower Upper

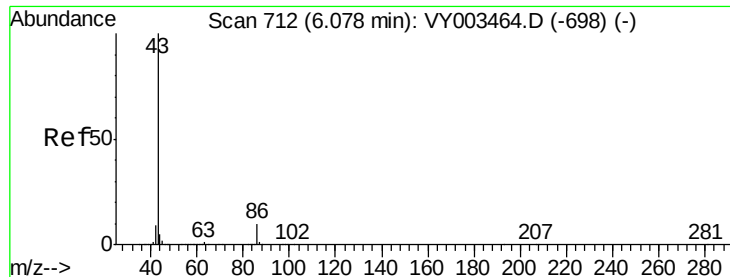
45 100

43 64.7 48.8 73.2

87 23.7 20.6 31.0

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 114.390 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

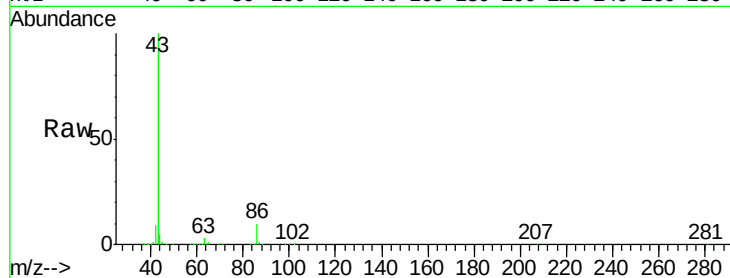
VY1104SBS01

Tot Ion: 43 Resp: 498546

Ion Ratio Lower Upper

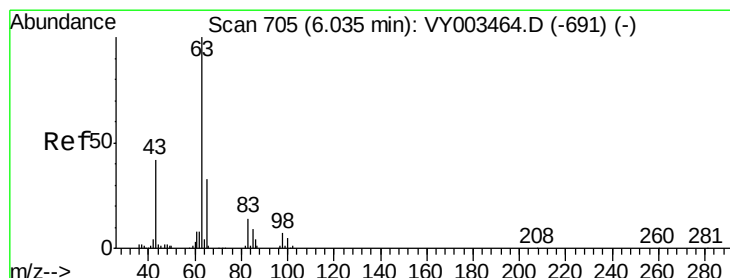
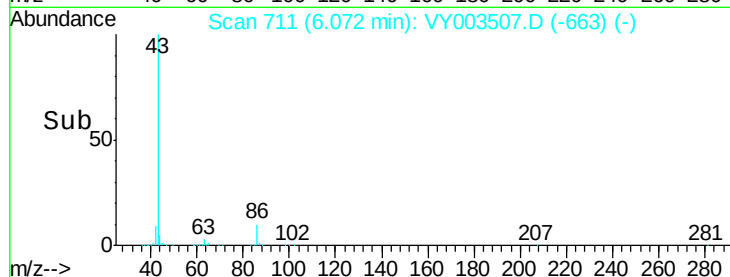
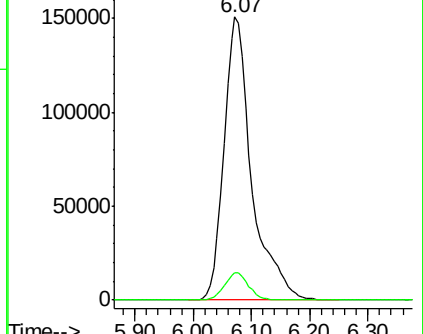
43 100

86 9.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.861 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

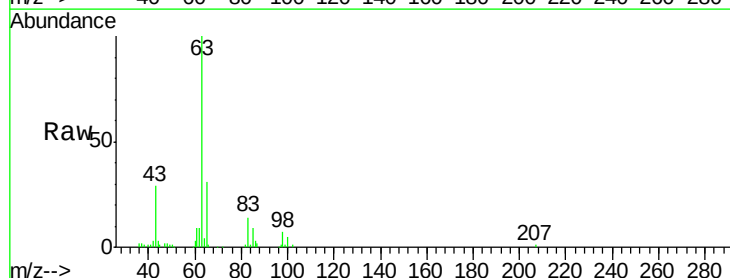
Tgt Ion: 63 Resp: 84253

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

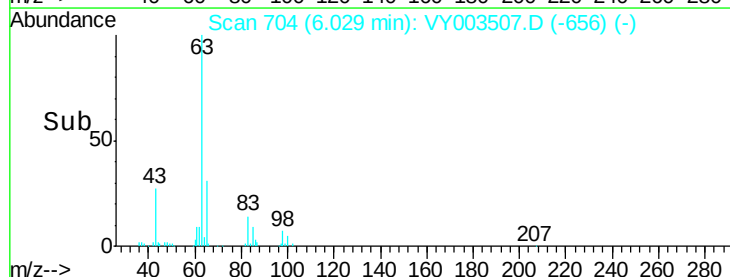
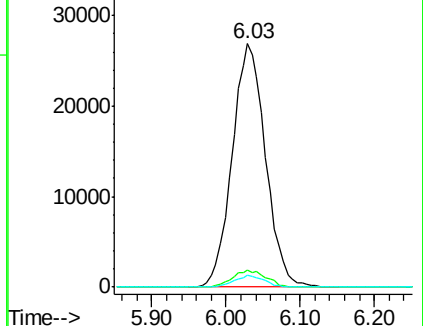
100 4.9 2.3 6.9

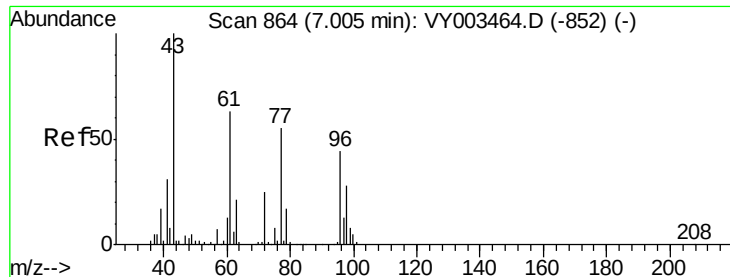


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 101.548 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

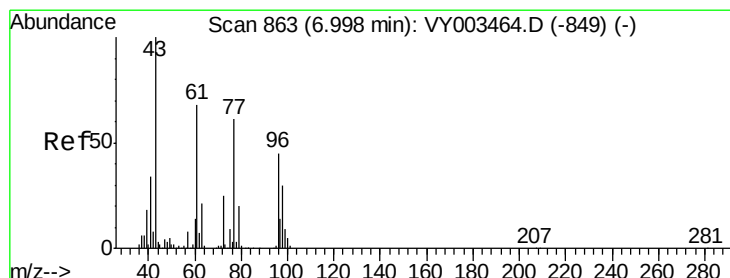
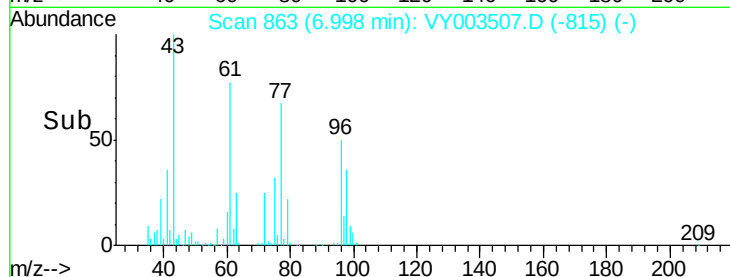
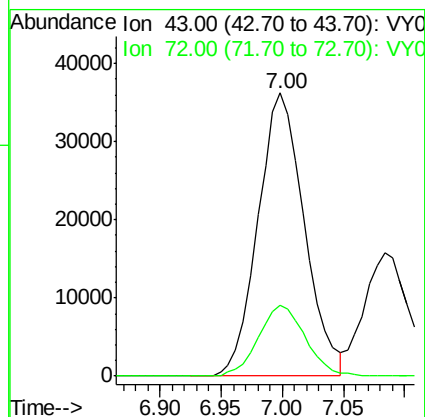
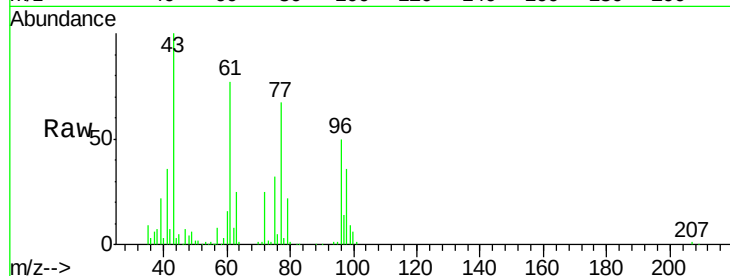
VY1104SBSD01

Tot Ion: 43 Resp: 95389

Ion Ratio Lower Upper

43 100

72 25.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 22.377 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003507.D

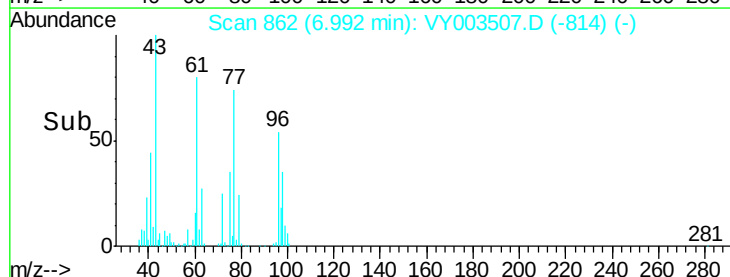
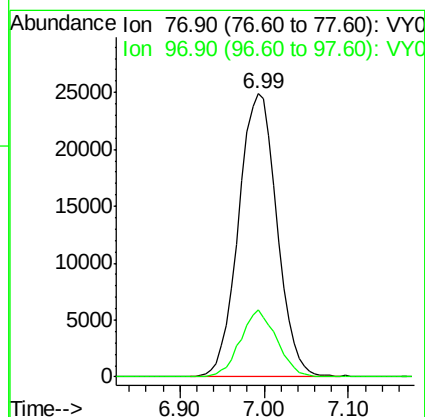
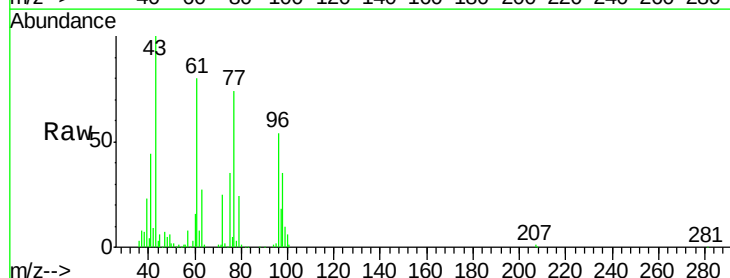
Acq: 04 Nov 2020 12:24

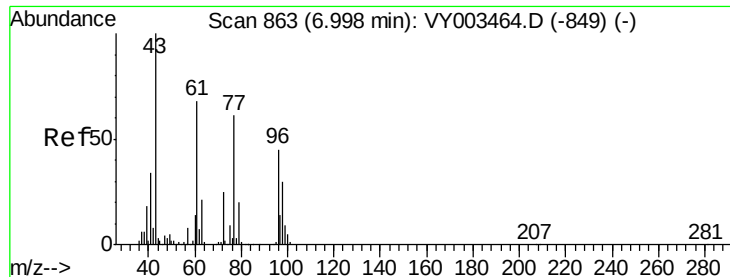
Tgt Ion: 77 Resp: 76830

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



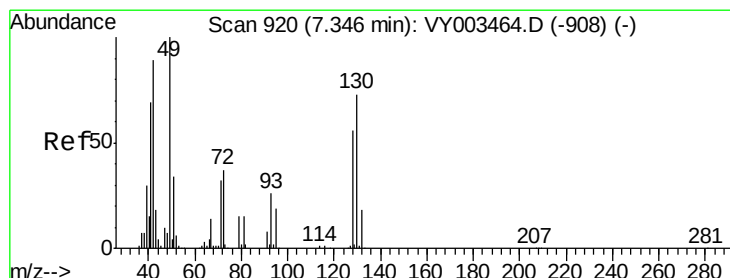
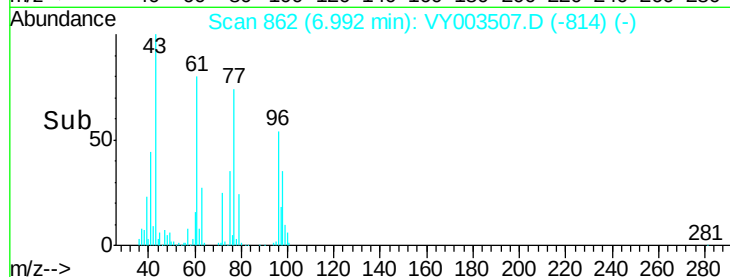
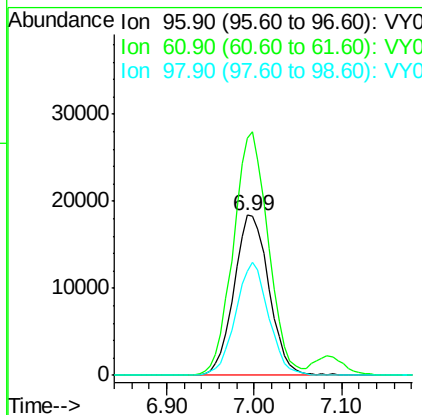
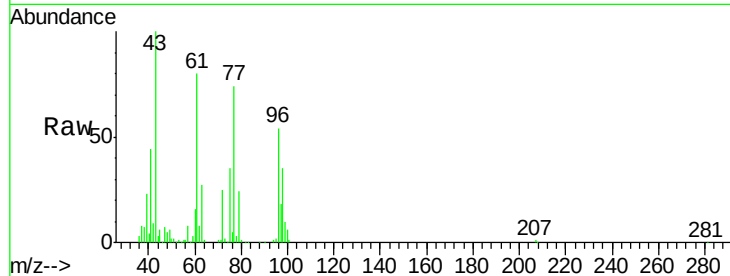


#27

cis-1,2-Dichloroethene
 Concen: 22.520 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD01

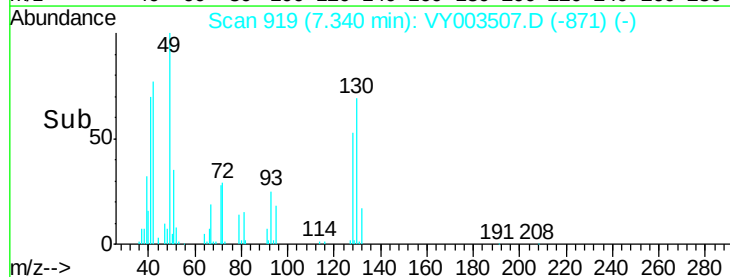
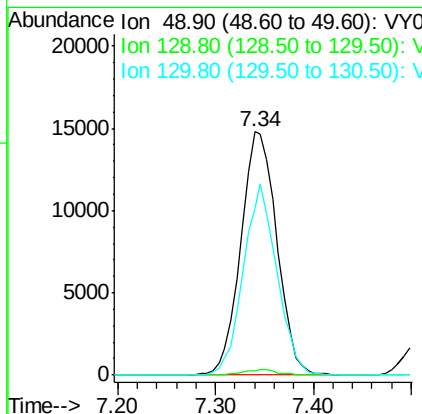
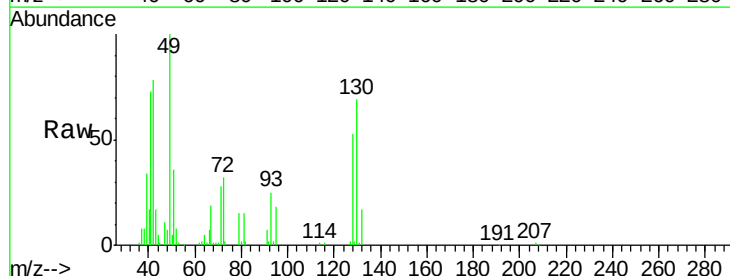
Tot Ion: 96 Resp: 51213
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 299.2
 98 66.1 0.0 128.6

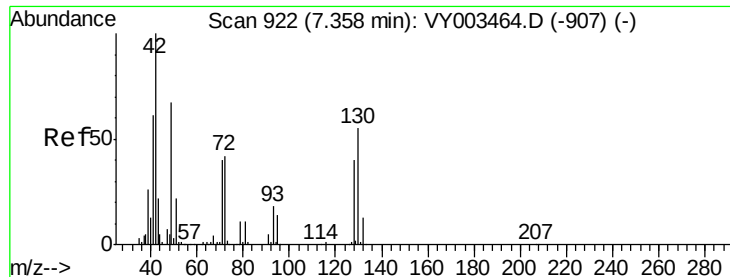


#28

Bromochloromethane
 Concen: 20.352 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion: 49 Resp: 37735
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 73.1 60.0 90.0

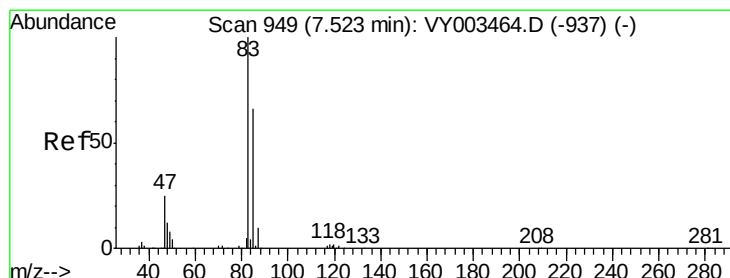
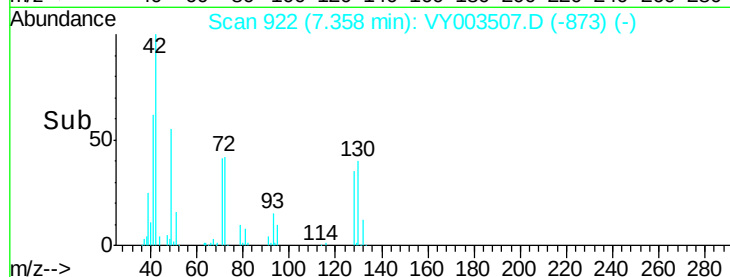
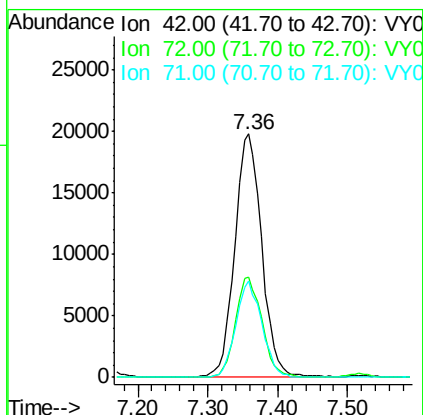
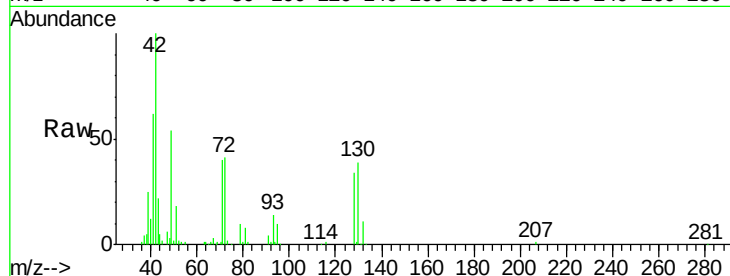




#29
Tetrahydrofuran
Concen: 108.293 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

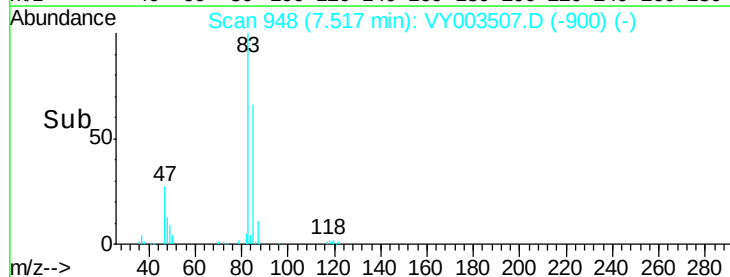
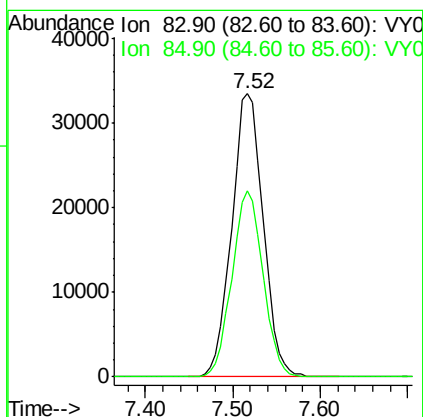
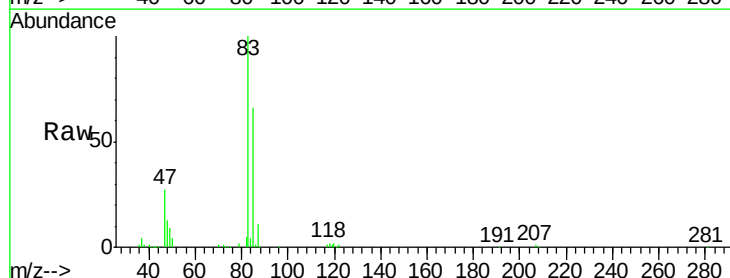
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

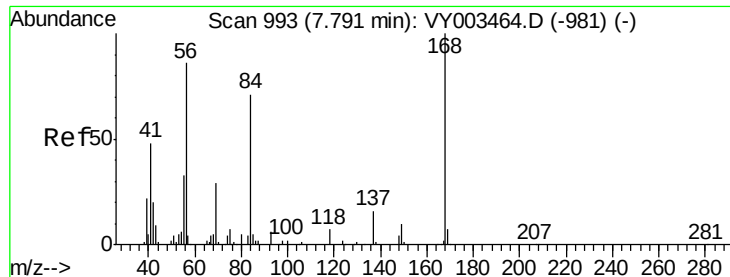
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.8	49.2
71	37.9	30.7	46.1



#30
Chloroform
Concen: 23.096 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0





#31

Cyclohexane

Concen: 21.535 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

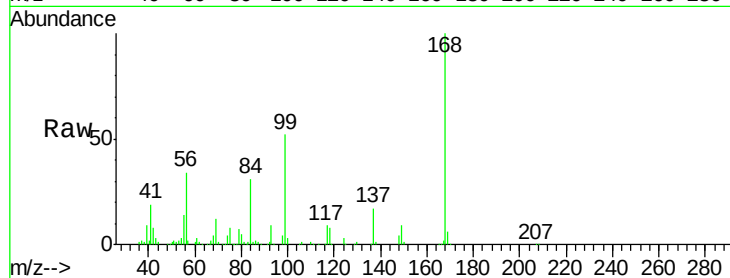
Tot Ion: 56 Resp: 73489

Ion Ratio Lower Upper

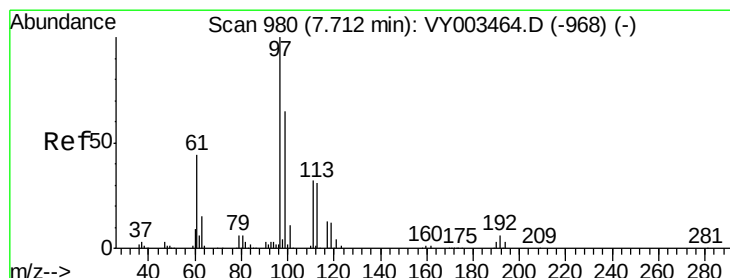
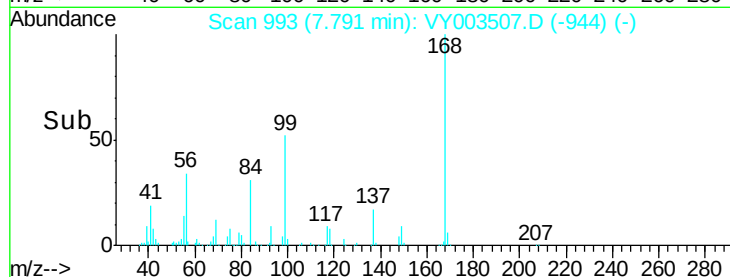
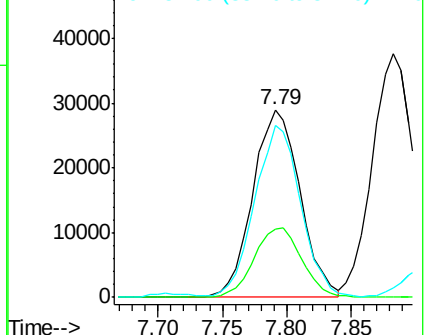
56 100

69 36.3 26.6 39.8

84 90.8 65.9 98.9



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



#32

1,1,1-Trichloroethane

Concen: 22.466 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

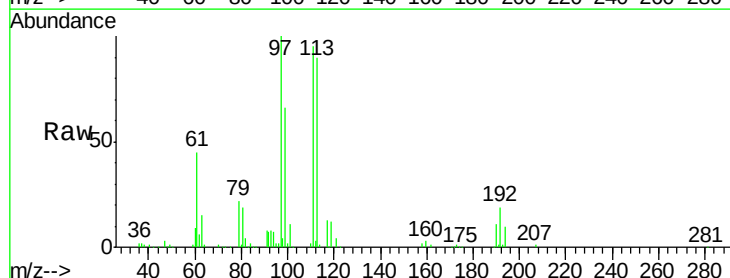
Tgt Ion: 97 Resp: 75868

Ion Ratio Lower Upper

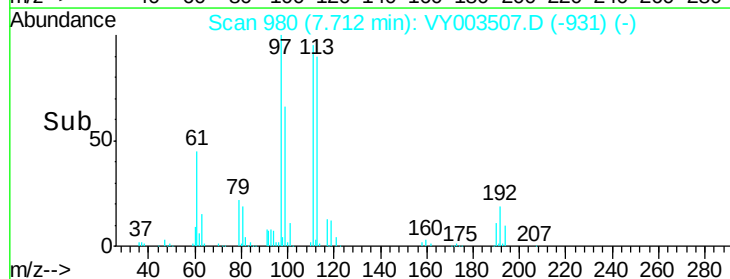
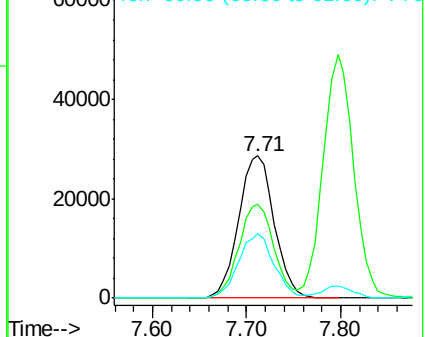
97 100

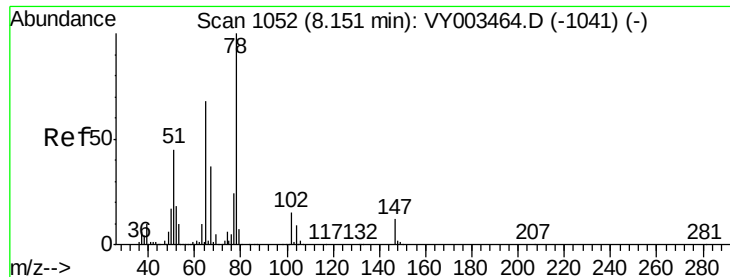
99 64.5 51.6 77.4

61 44.9 35.1 52.7



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

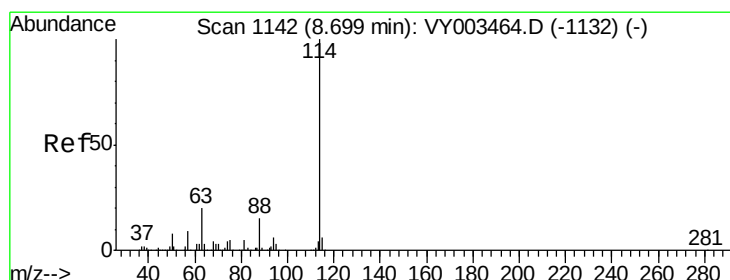
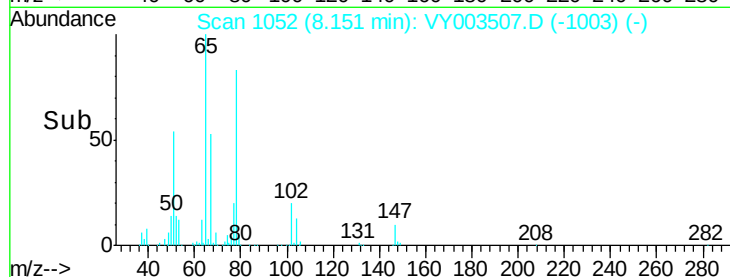
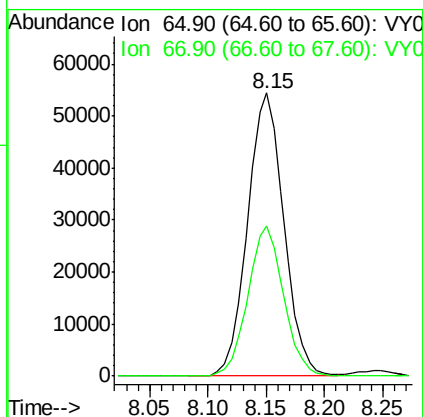
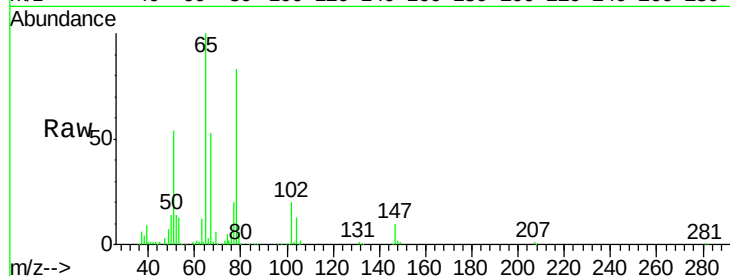




#33
 1,2-Dichloroethane-d4
 Concen: 51.969 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

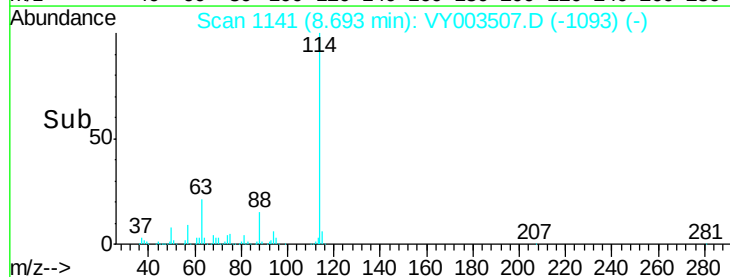
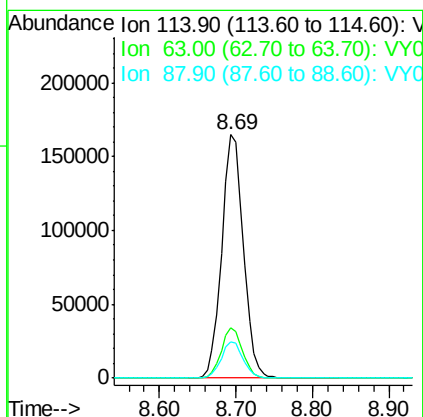
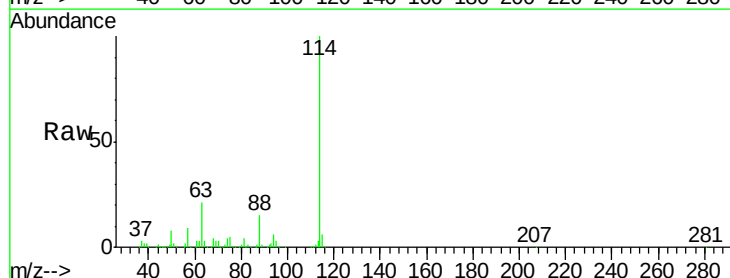
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

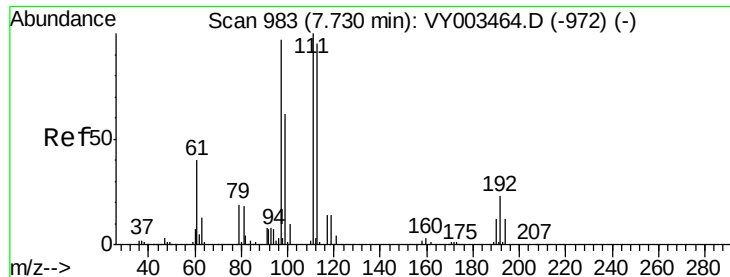
Tot Ion: 65 Resp: 118320
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion: 114 Resp: 322586
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.293 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

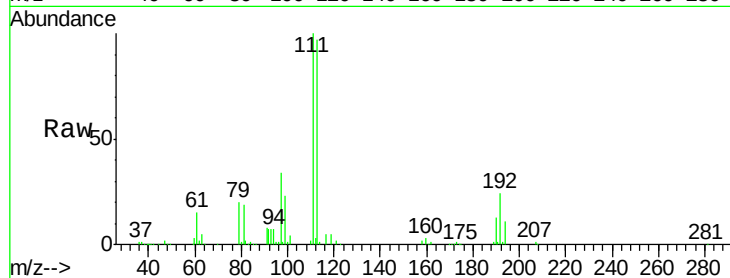
Tot Ion:113 Resp: 100688

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

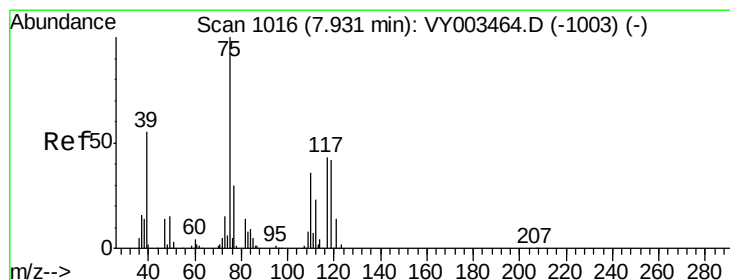
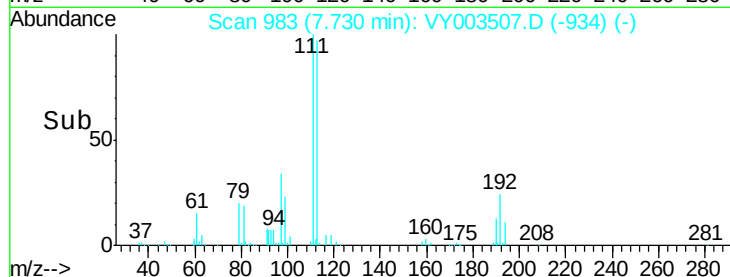
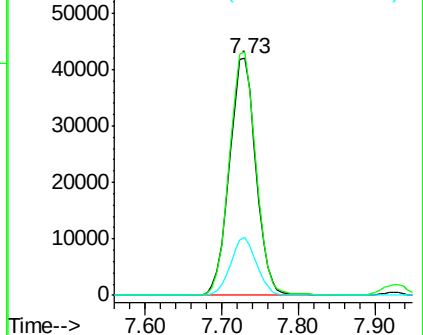
192 24.0 18.8 28.2



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: 21.696 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

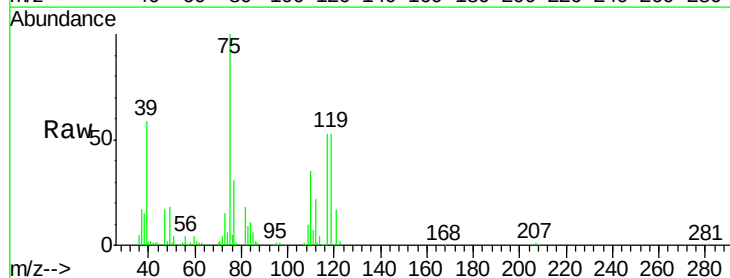
Tgt Ion: 75 Resp: 65987

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

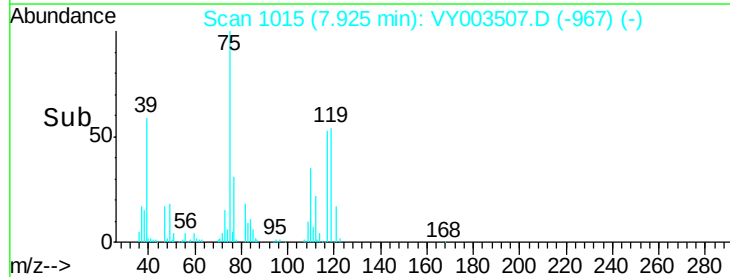
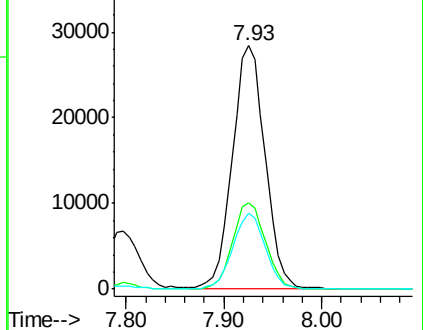
77 31.3 24.7 37.1

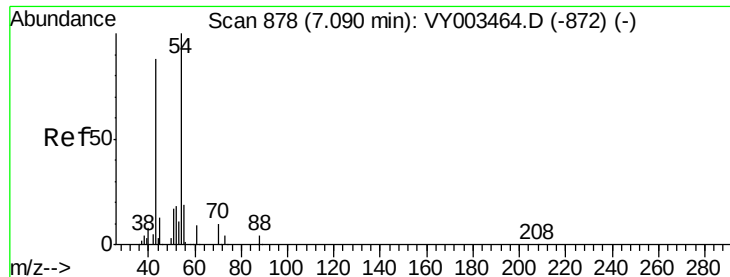


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

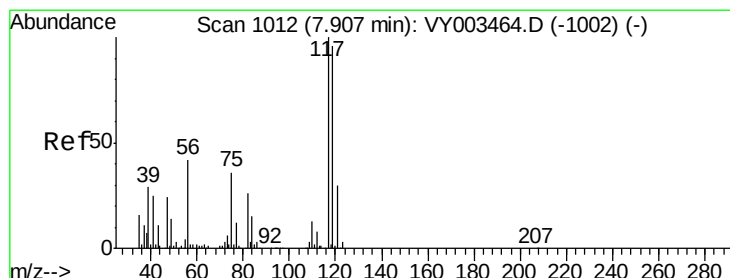
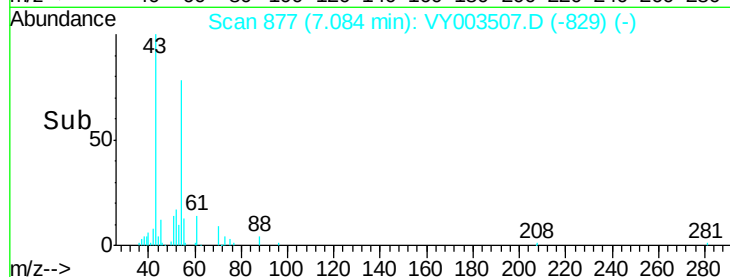
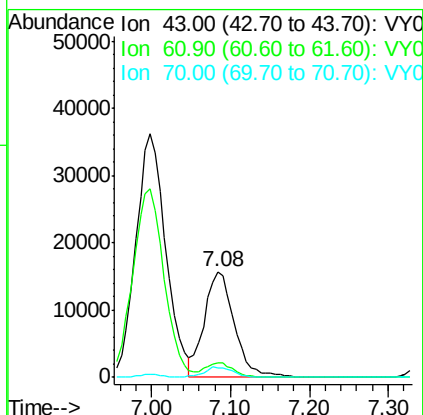
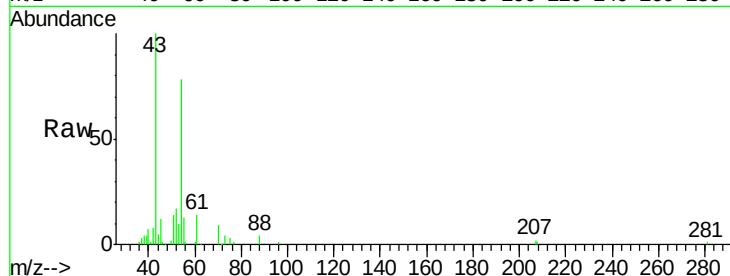




#37
Ethyl Acetate
Concen: 22.171 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

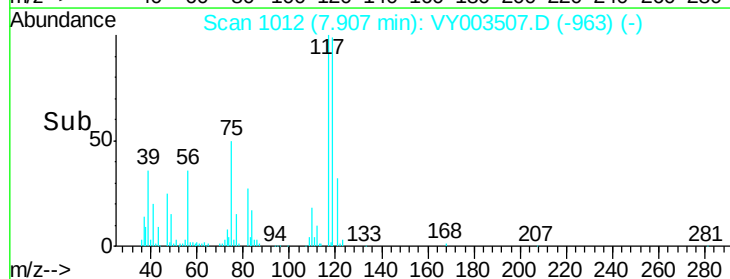
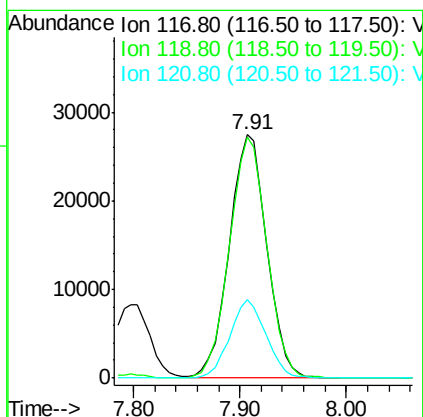
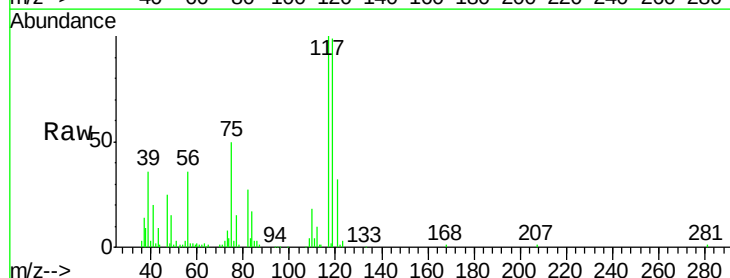
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBSD01

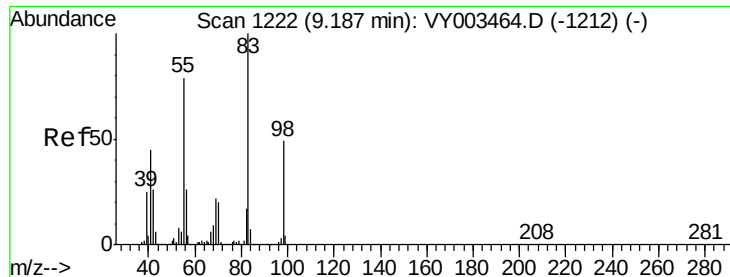
Tot Ion: 43 Resp: 41872
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.516 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 117 Resp: 67889
Ion Ratio Lower Upper
117 100
119 99.2 76.2 114.4
121 32.3 24.2 36.4

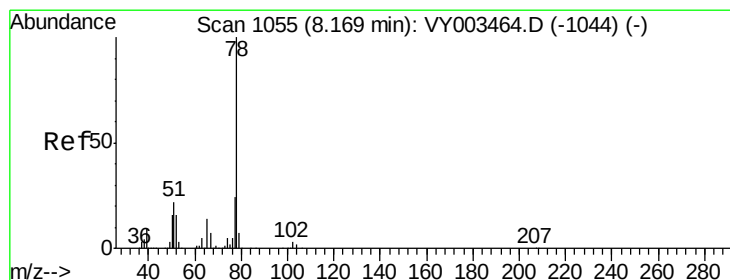
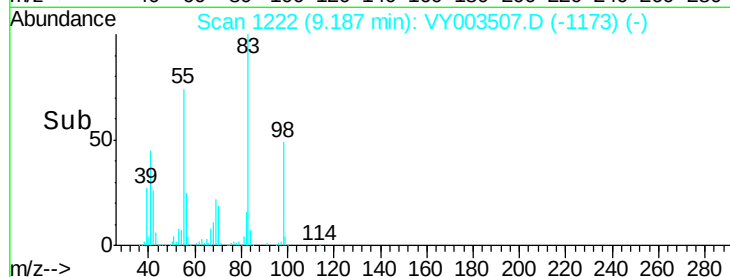
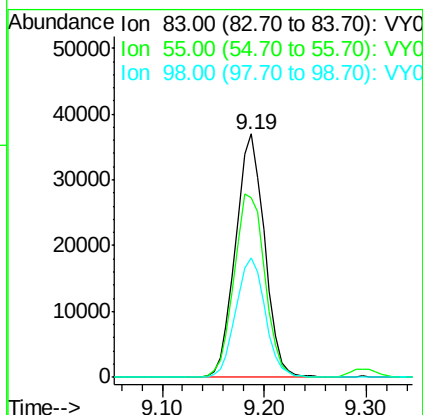
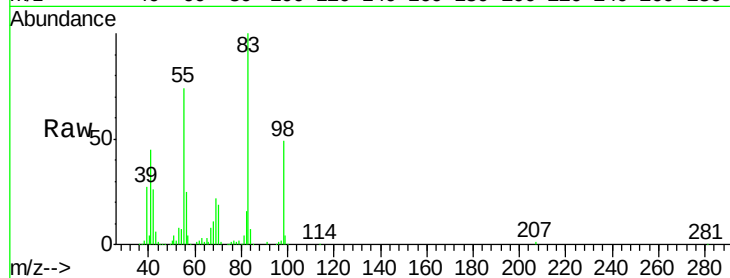




#39
Methylvlcyclohexane
Concen: 21.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

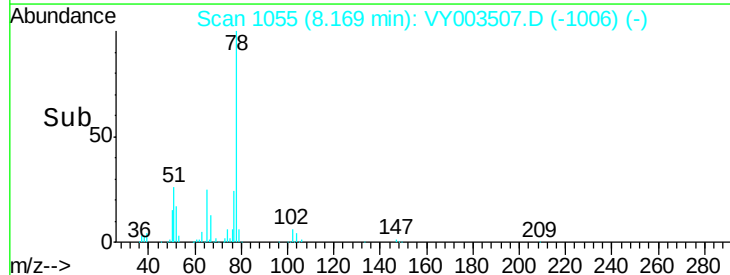
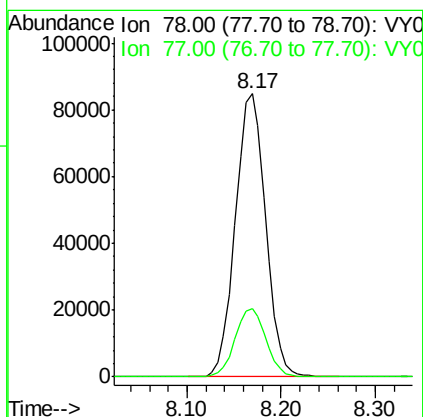
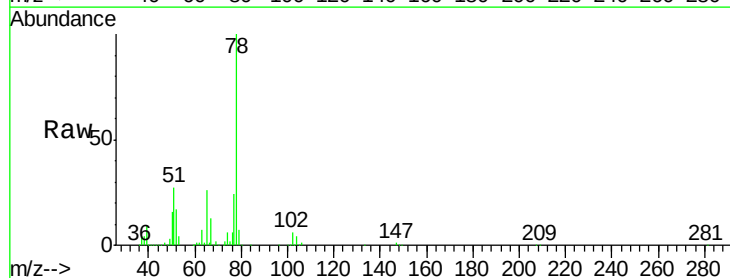
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

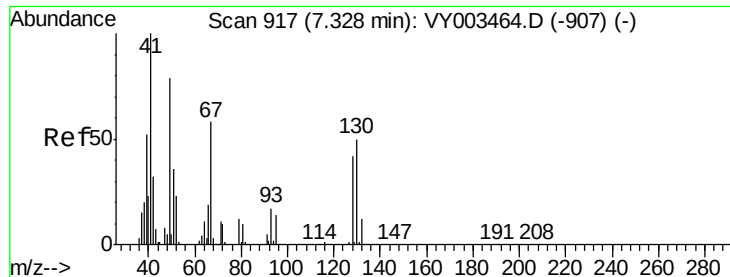
Tot Ion: 83 Resp: 72901
Ion Ratio Lower Upper
83 100
55 73.9 63.5 95.3
98 49.3 39.4 59.2



#40
Benzene
Concen: 22.439 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 78 Resp: 189925
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

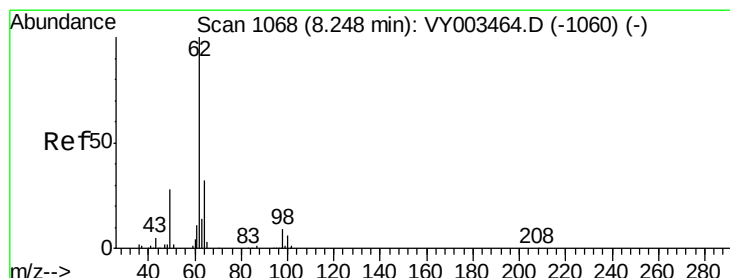
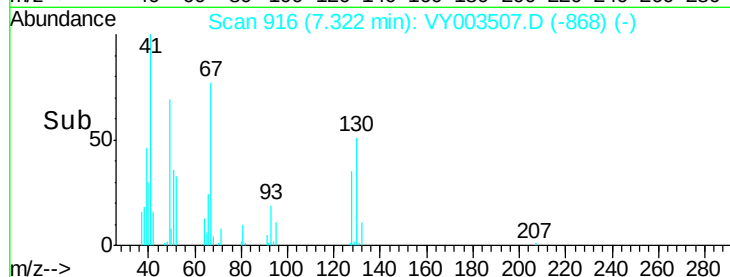
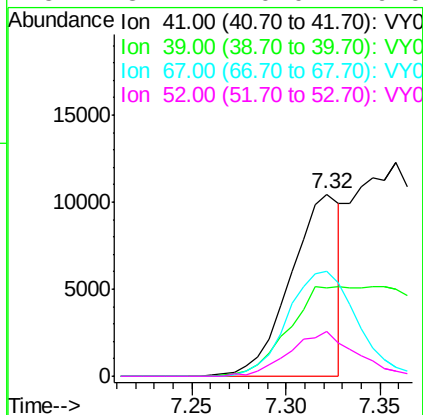
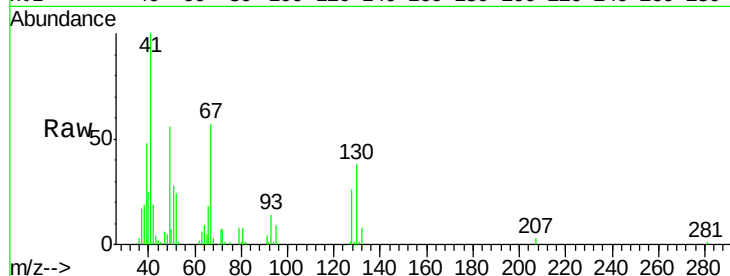




#41
Methacrylonitrile
Concen: 19.016 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

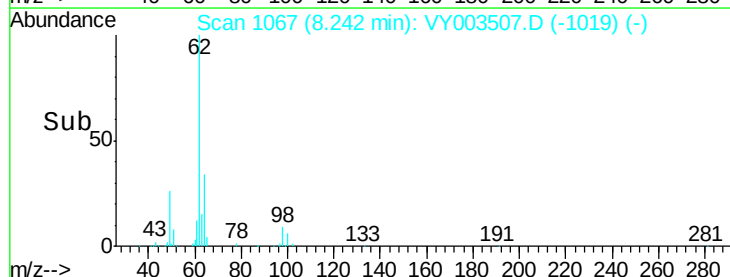
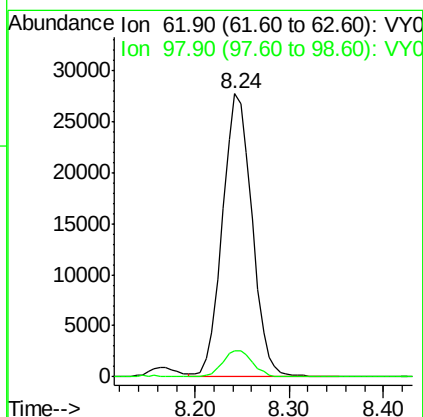
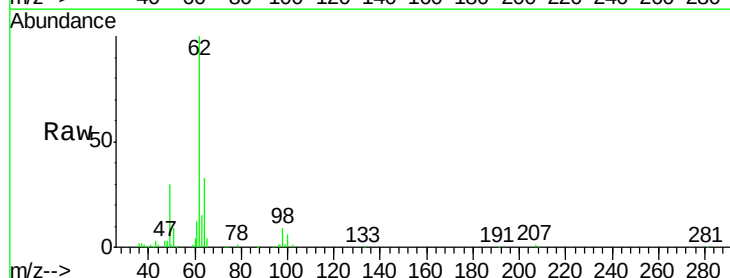
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

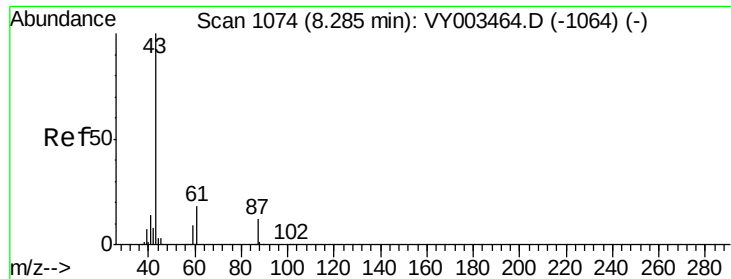
Tot Ion:	41	Resp:	19178
Ion	Ratio	Lower	Upper
41	100		
39	61.0	0.0	0.0#
67	80.5	0.0	0.0#
52	32.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 22.797 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:	62	Resp:	60460
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 22.037 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

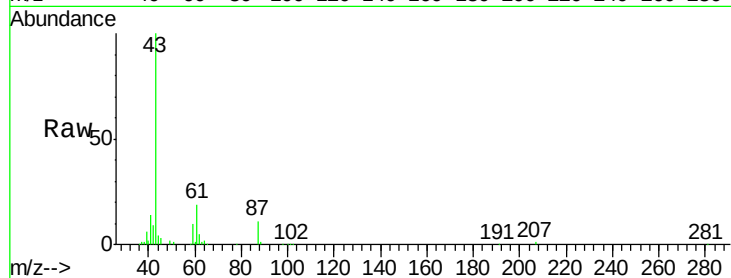
Tot Ion: 43 Resp: 74798

Ion Ratio Lower Upper

43 100

61 27.3 21.9 32.9

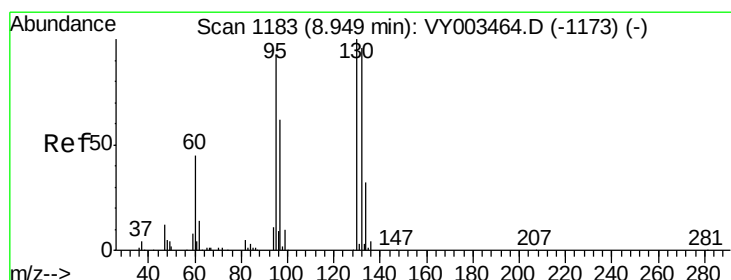
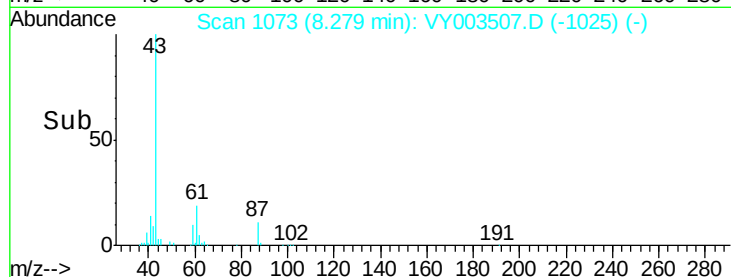
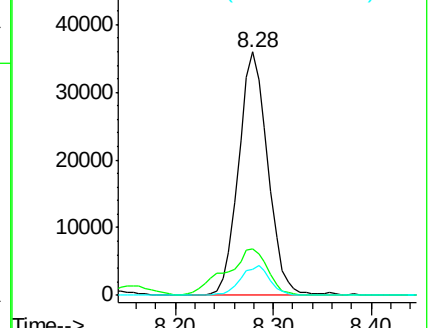
87 12.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003507.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY003507.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY003507.D (-1073) (-)



#44

Trichloroethene

Concen: 22.418 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003507.D

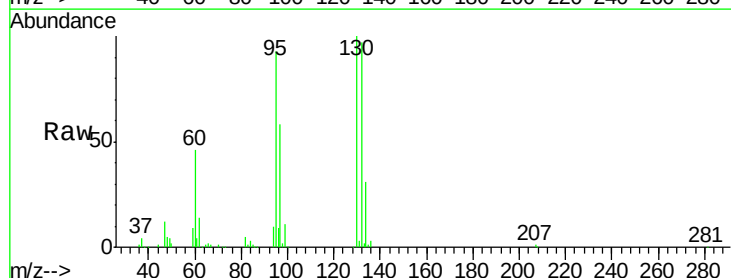
Acq: 04 Nov 2020 12:24

Tgt Ion:130 Resp: 53269

Ion Ratio Lower Upper

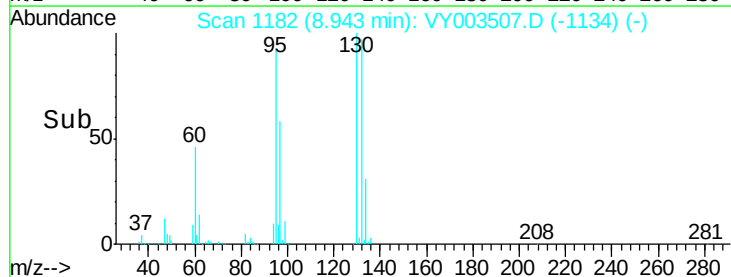
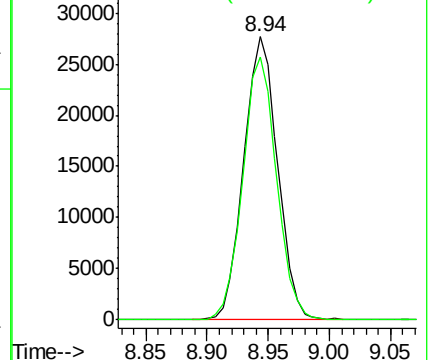
130 100

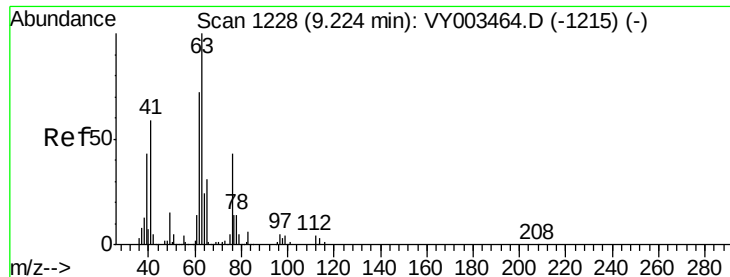
95 92.8 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003507.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY003507.D (-1182) (-)





#45

1,2-Dichloropropane

Concen: 22.889 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

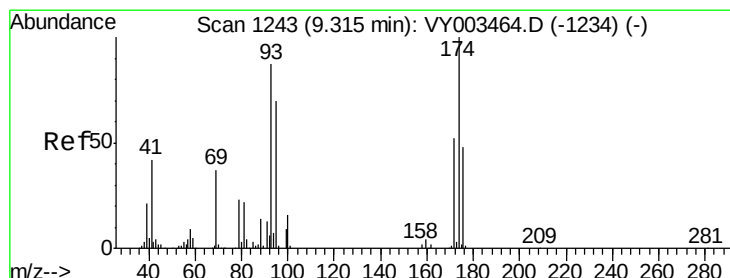
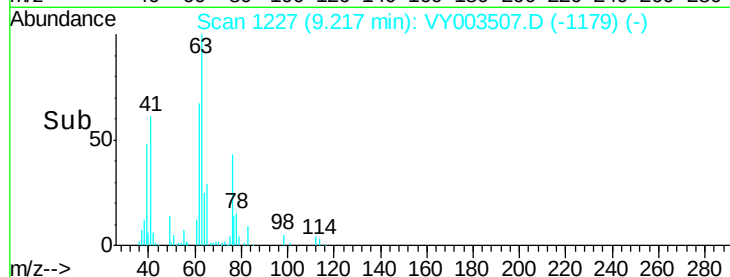
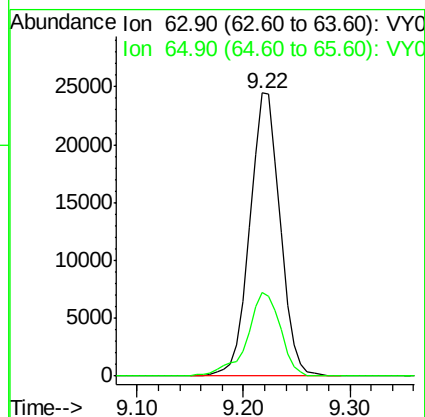
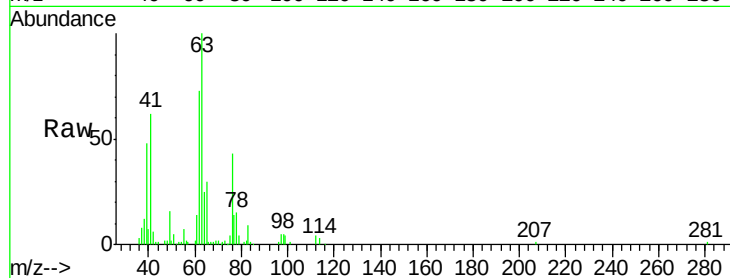
VY1104SBSD01

Tot Ion: 63 Resp: 48926

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 22.563 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

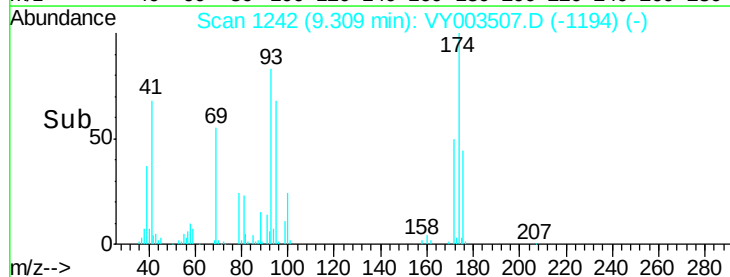
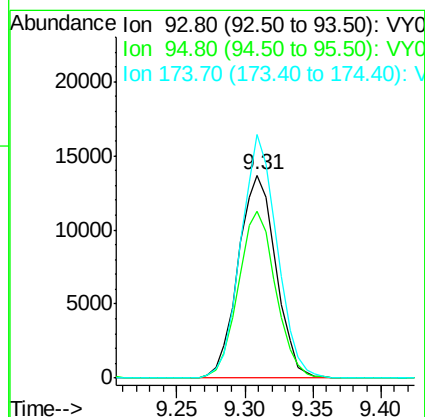
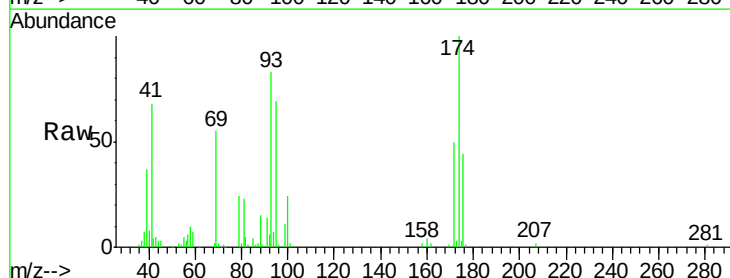
Tgt Ion: 93 Resp: 26534

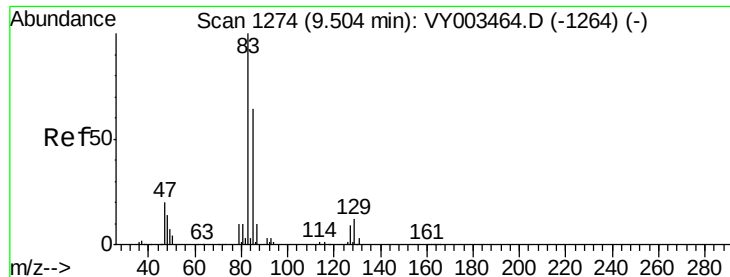
Ion Ratio Lower Upper

93 100

95 81.7 65.0 97.6

174 115.2 91.8 137.6





#47

Bromodichloromethane

Concen: 23.009 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

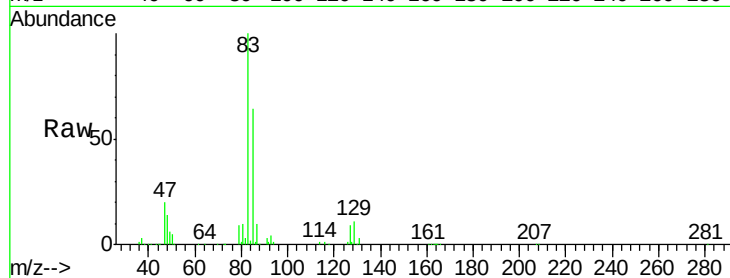
Tot Ion: 83 Resp: 66227

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6

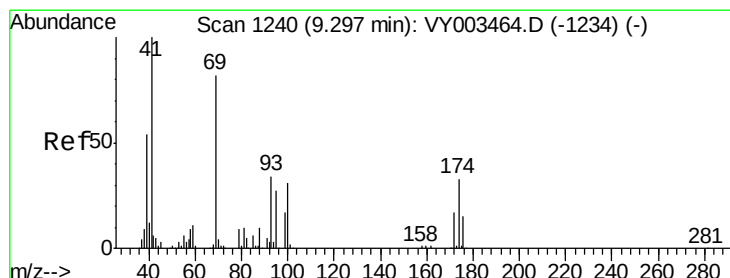
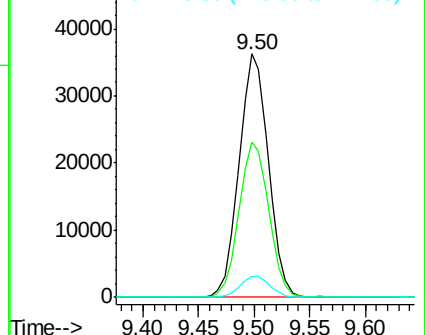
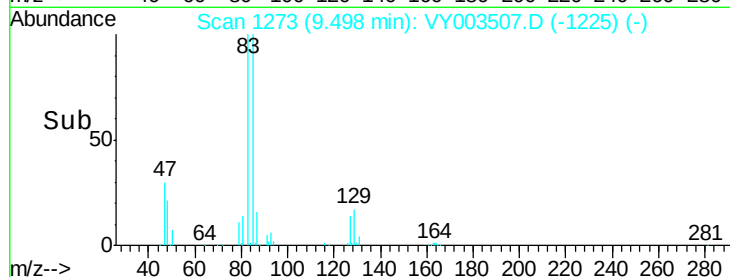
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003507.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003507.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003507.D (-1225) (-)



#48

Methyl methacrylate

Concen: 21.403 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

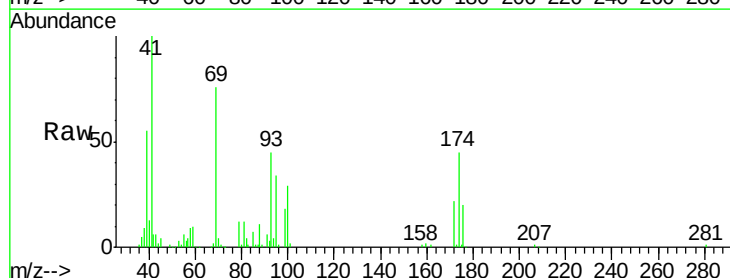
Tgt Ion: 41 Resp: 34220

Ion Ratio Lower Upper

41 100

69 83.0 65.9 98.9

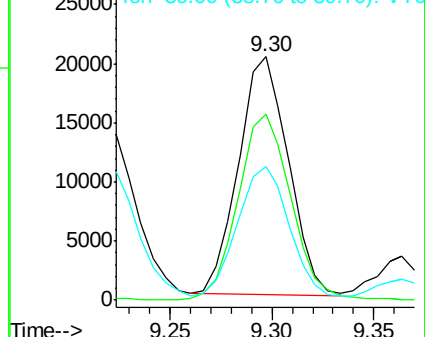
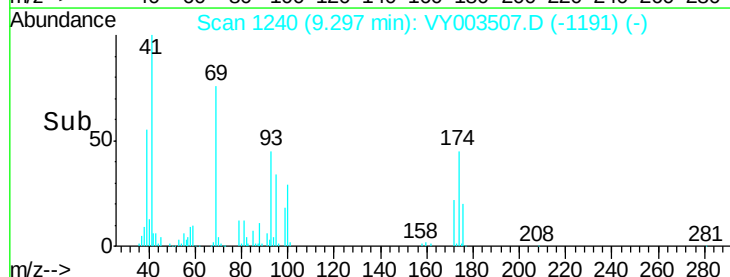
39 59.7 43.2 64.8

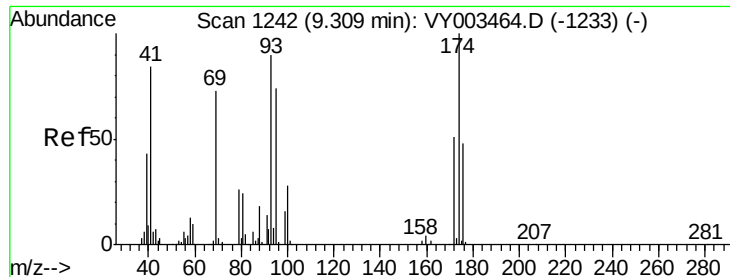


Abundance Ion 41.00 (40.70 to 41.70): VY003507.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003507.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003507.D (-1191) (-)





#49

1,4-Dioxane

Concen: 401.141 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

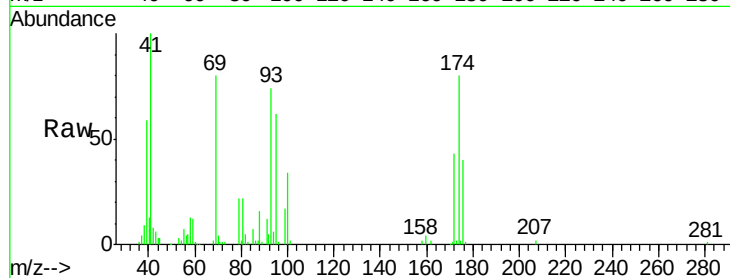
Tot Ion: 88 Resp: 5886

Ion Ratio Lower Upper

88 100

43 39.7 27.6 41.4

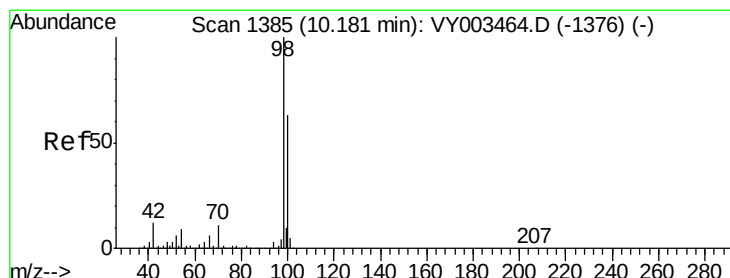
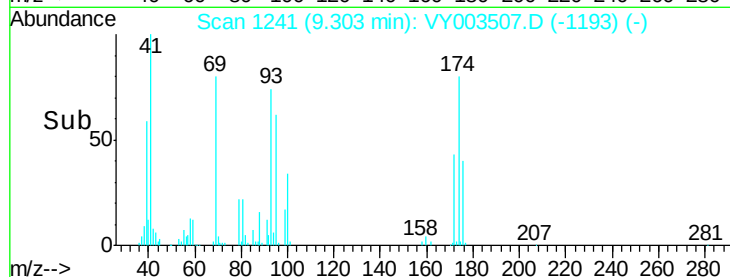
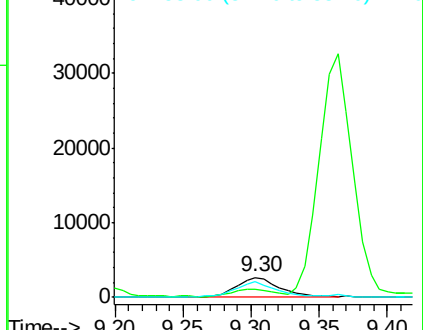
58 74.3 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 50.026 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003507.D

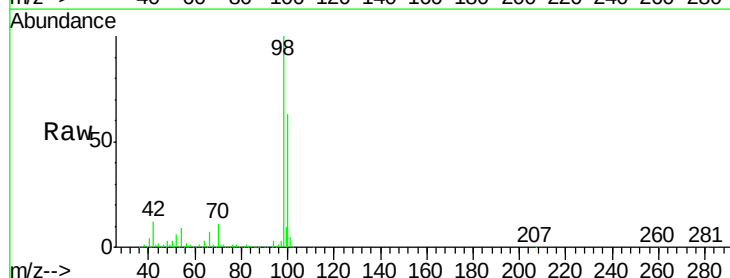
Acq: 04 Nov 2020 12:24

Tgt Ion: 98 Resp: 408531

Ion Ratio Lower Upper

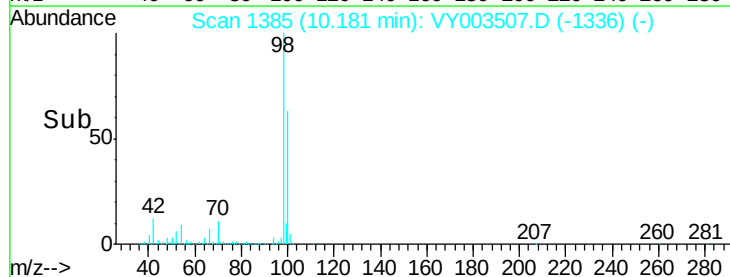
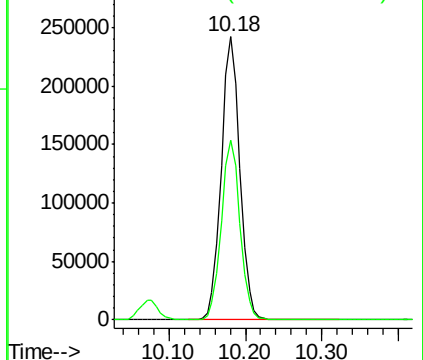
98 100

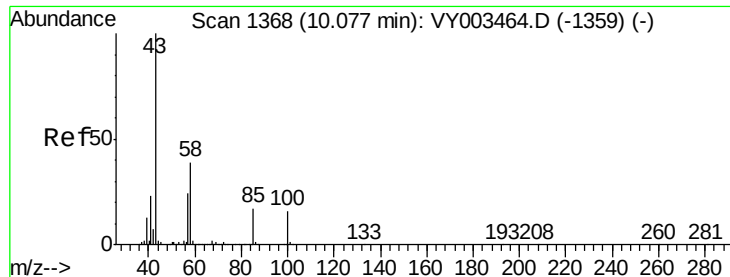
100 63.7 50.9 76.3



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: 110.523 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

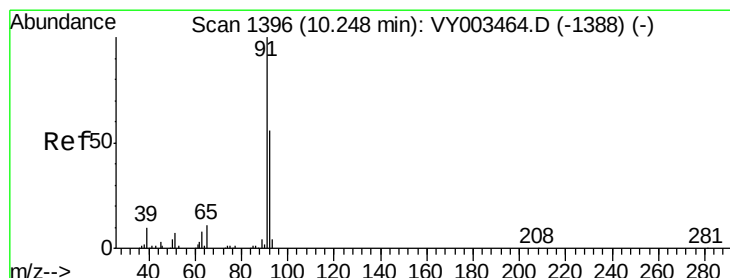
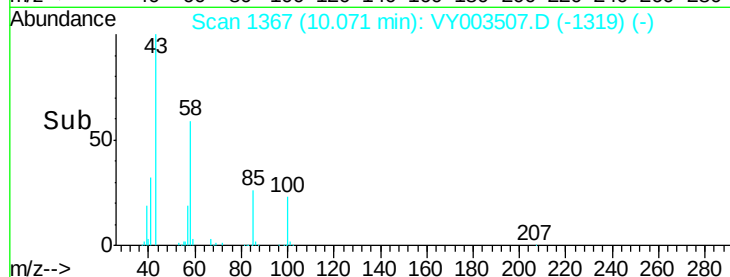
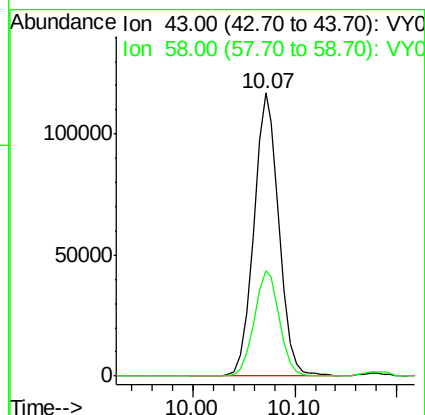
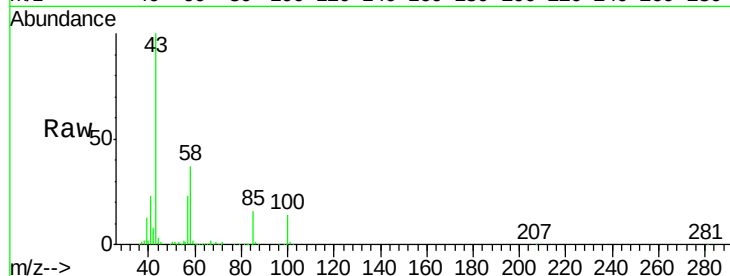
VY1104SBS01

Tot Ion: 43 Resp: 199872

Ion Ratio Lower Upper

43 100

58 37.6 31.0 46.4



#52

Toluene

Concen: 22.262 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003507.D

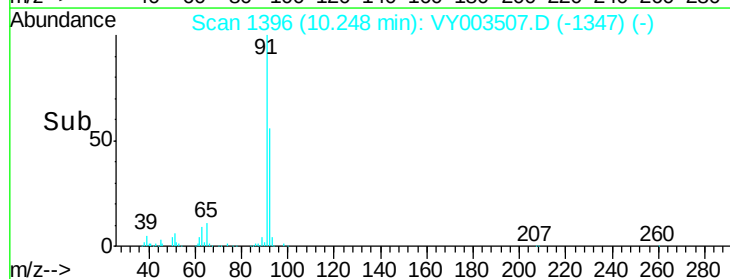
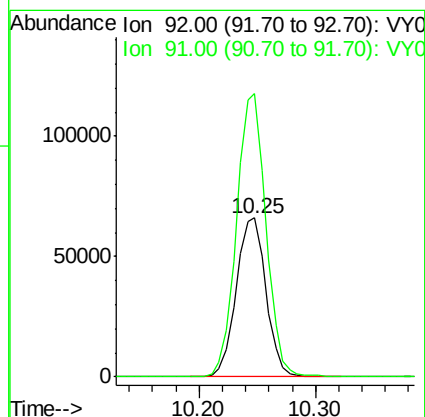
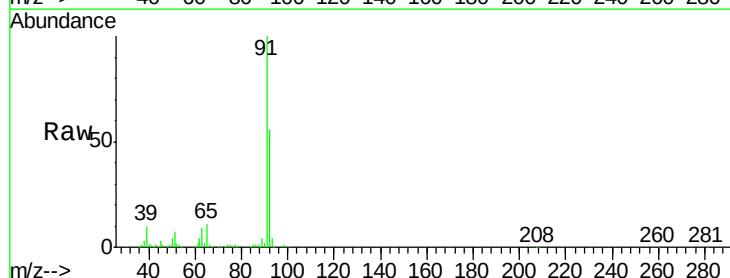
Acq: 04 Nov 2020 12:24

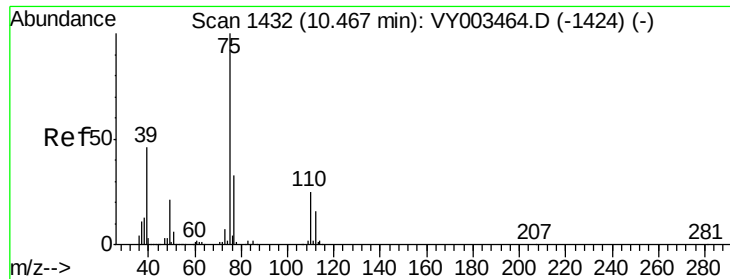
Tgt Ion: 92 Resp: 117856

Ion Ratio Lower Upper

92 100

91 176.0 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 22.875 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

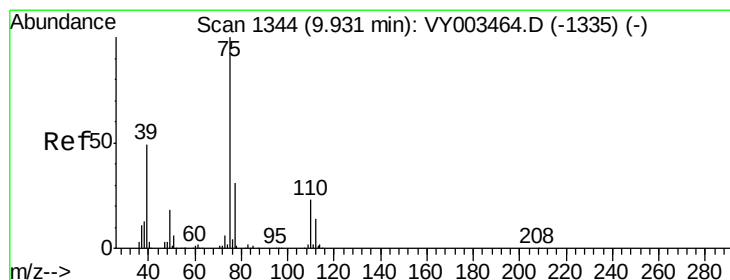
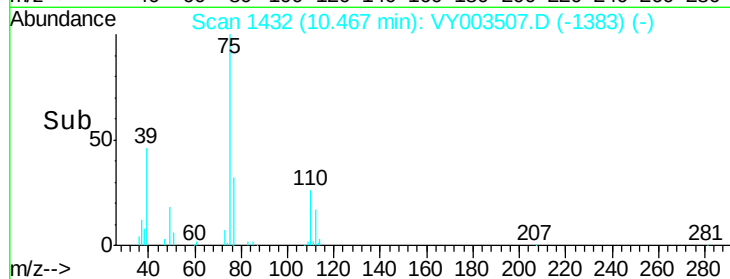
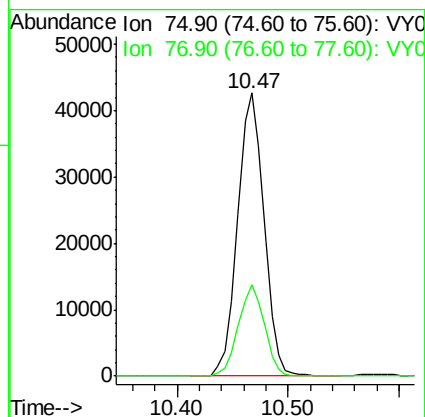
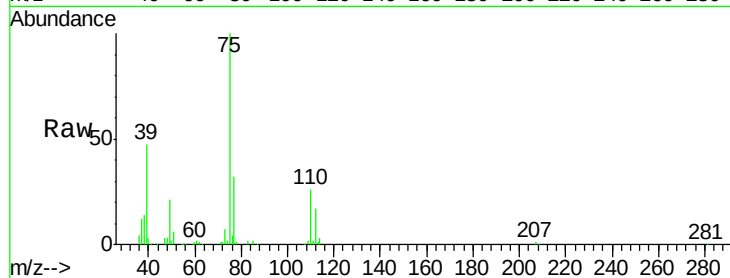
VY1104SBS01

Tot Ion: 75 Resp: 70068

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 23.144 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

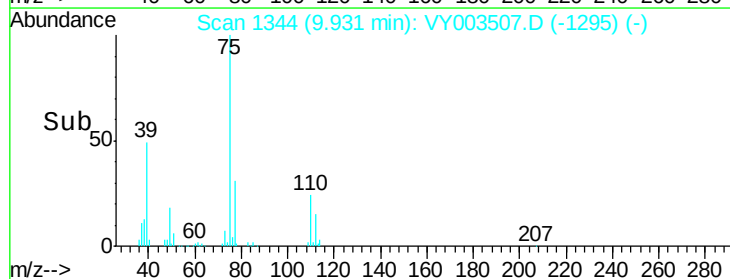
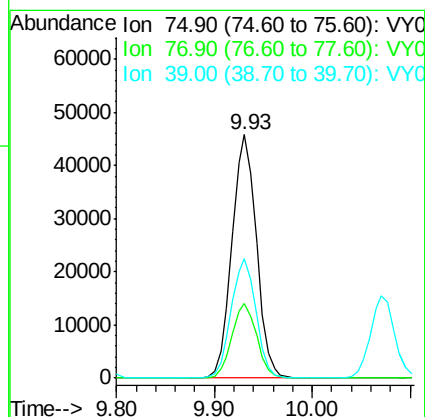
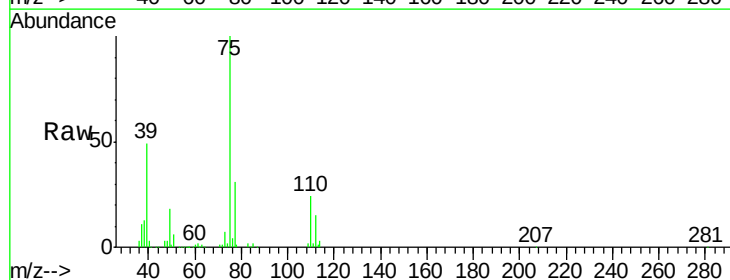
Tgt Ion: 75 Resp: 79772

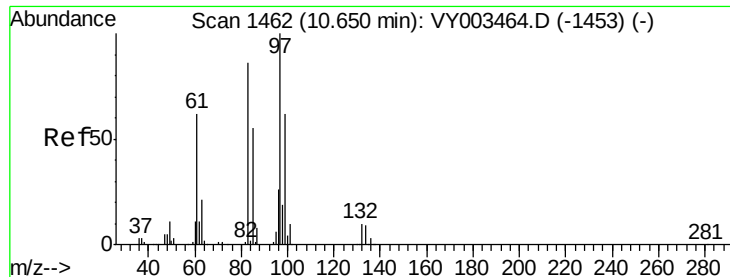
Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

39 49.1 39.0 58.4

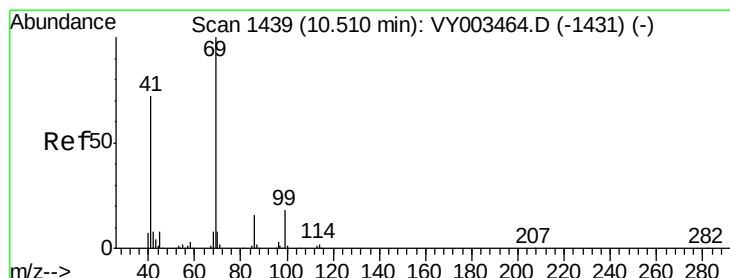
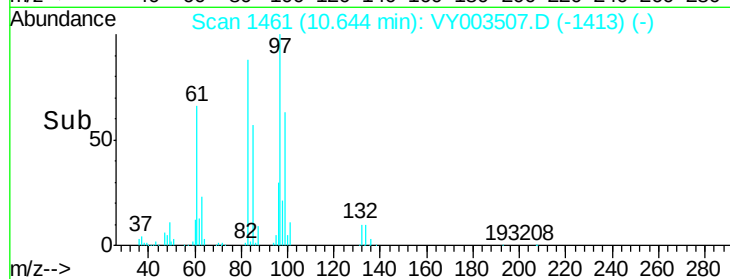
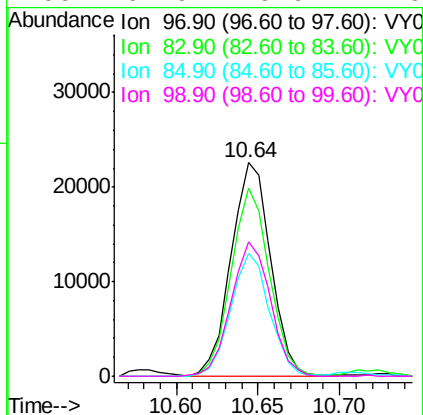
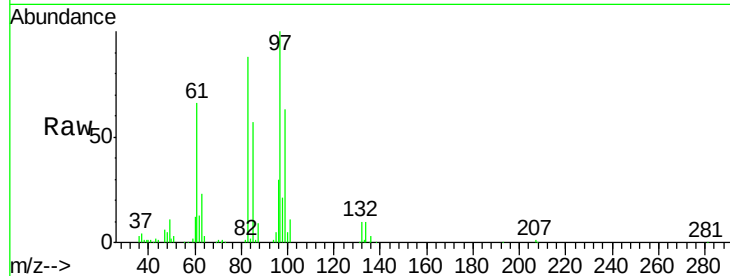




#55
 1,1,2-Trichloroethane
 Concen: 22.711 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

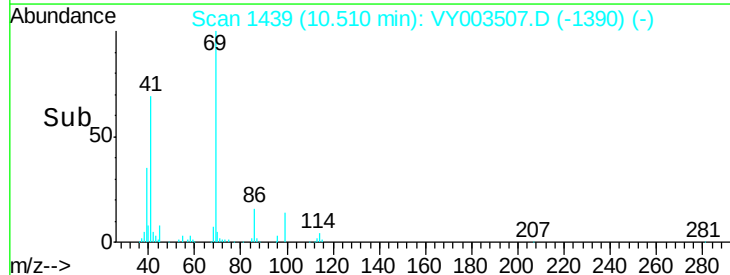
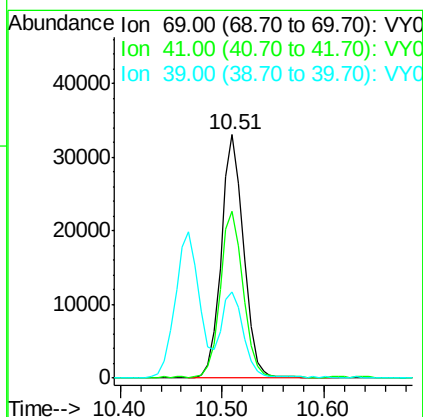
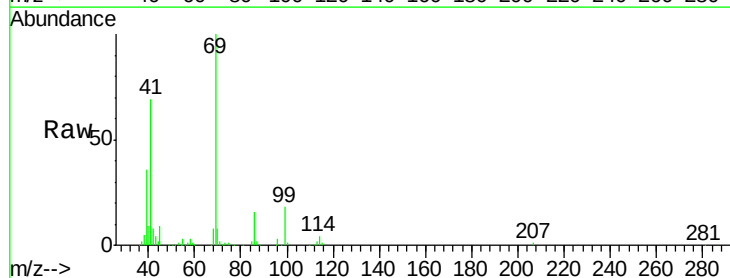
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

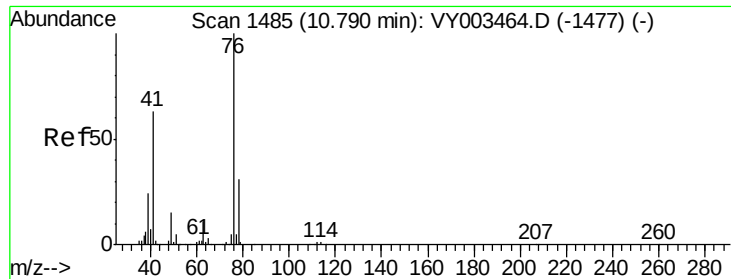
Tot Ion: 97 Resp: 37913
 Ion Ratio Lower Upper
 97 100
 83 88.3 68.6 102.8
 85 57.3 43.8 65.6
 99 62.9 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 22.610 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion: 69 Resp: 50555
 Ion Ratio Lower Upper
 69 100
 41 69.5 55.4 83.2
 39 34.8 28.7 43.1





#57

1,3-Dichloropropane

Concen: 22.670 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

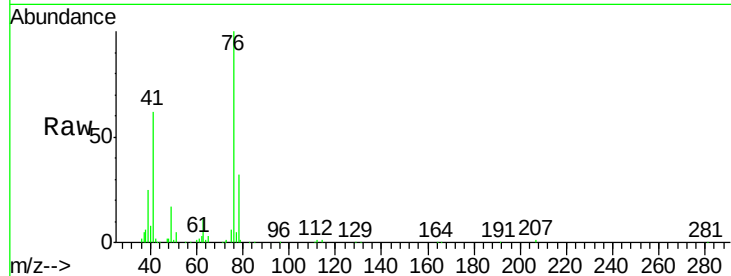
VY1104SBS01

Tot Ion: 76 Resp: 65804

Ion Ratio Lower Upper

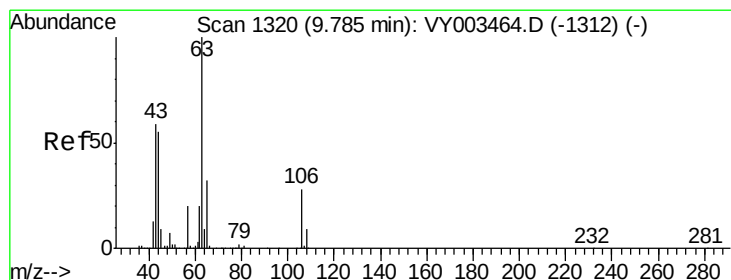
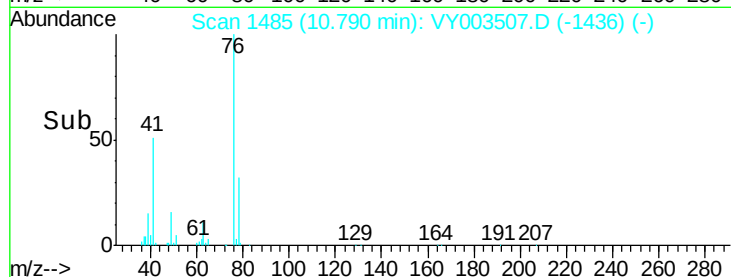
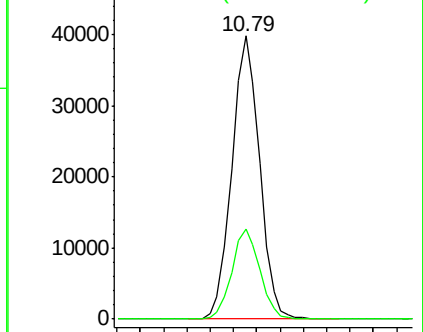
76 100

78 32.2 25.8 38.8



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: 112.164 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003507.D

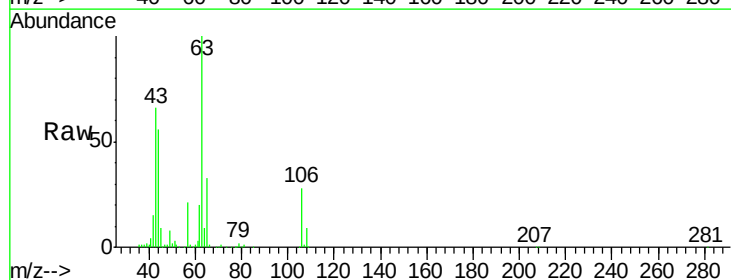
Acq: 04 Nov 2020 12:24

Tgt Ion: 63 Resp: 127139

Ion Ratio Lower Upper

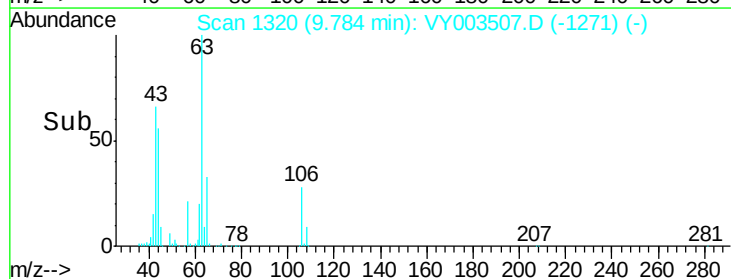
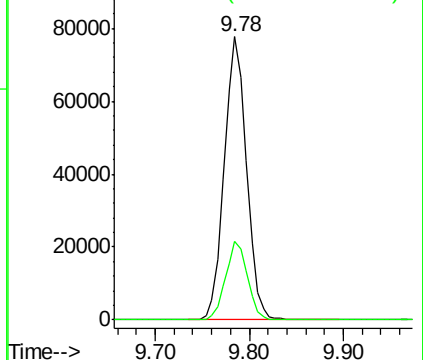
63 100

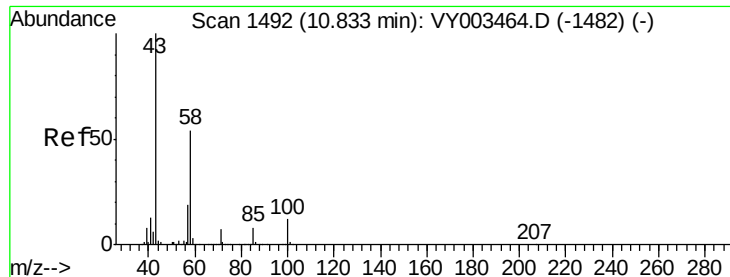
106 27.2 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

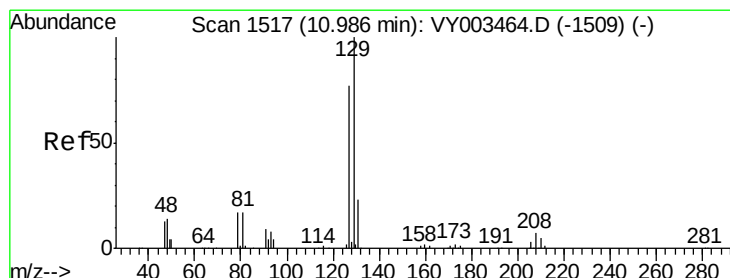
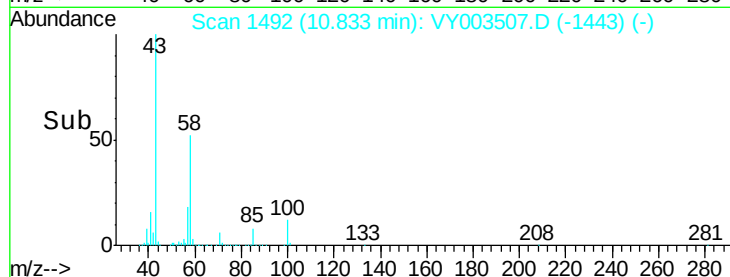
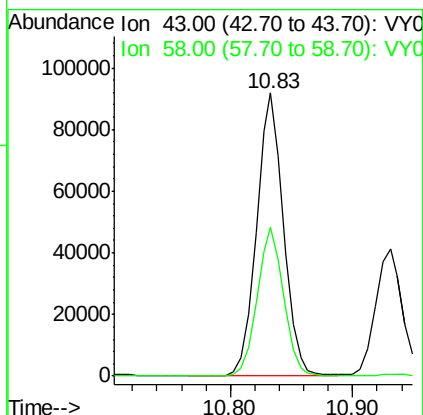
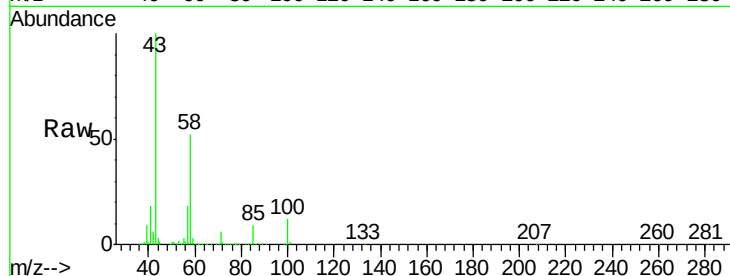




#59
2-Hexanone
Concen: 104.911 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

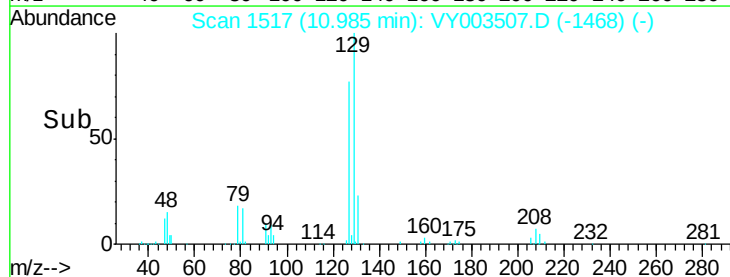
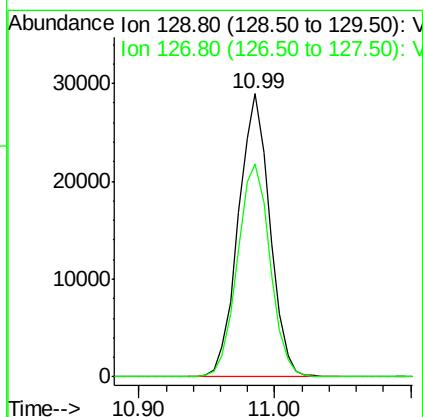
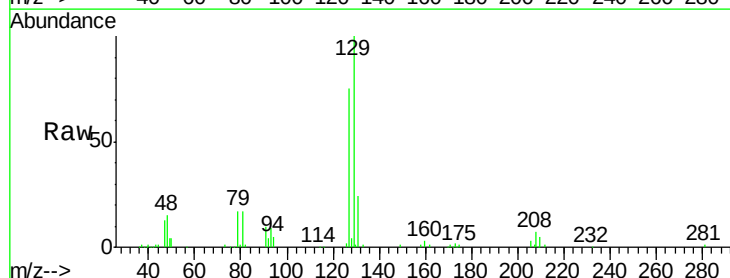
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBSD01

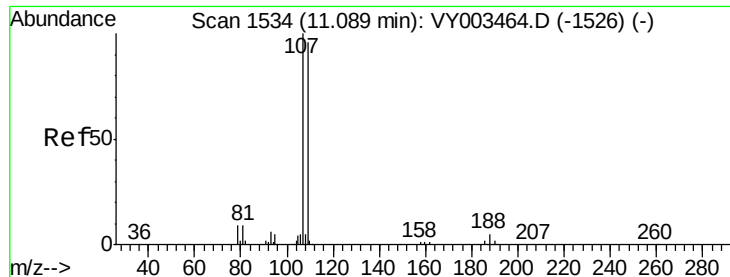
Tot Ion: 43 Resp: 140472
Ion Ratio Lower Upper
43 100
58 51.7 26.8 80.3



#60
Dibromochloromethane
Concen: 22.803 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:129 Resp: 46785
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3

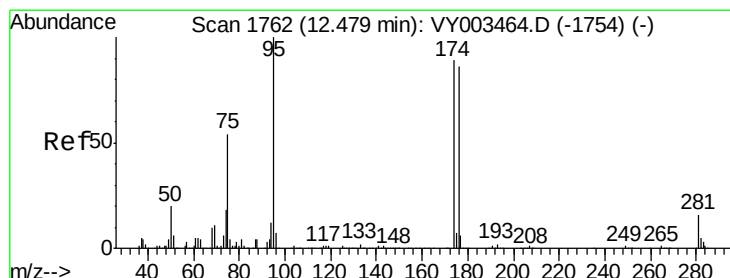
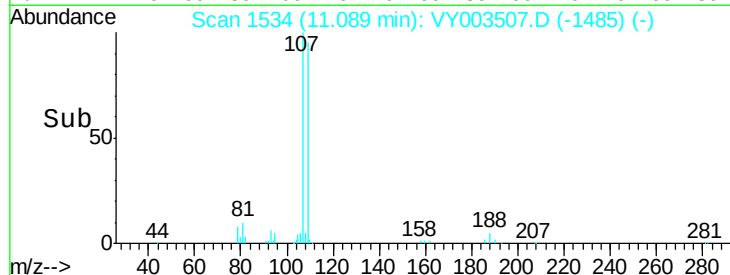
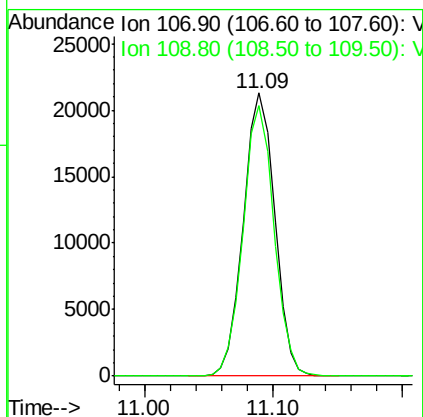
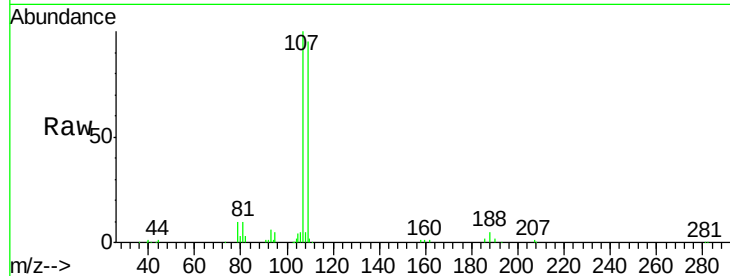




#61
 1,2-Dibromoethane
 Concen: 22.252 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

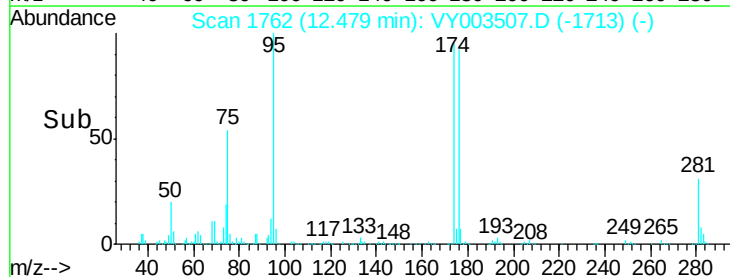
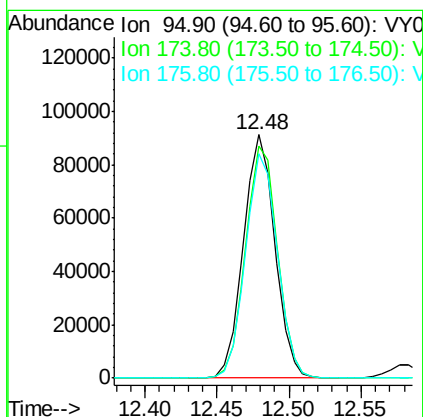
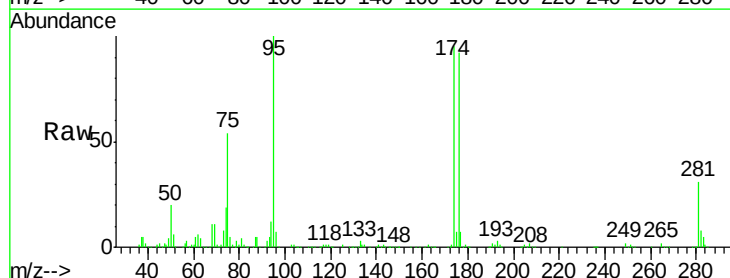
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD01

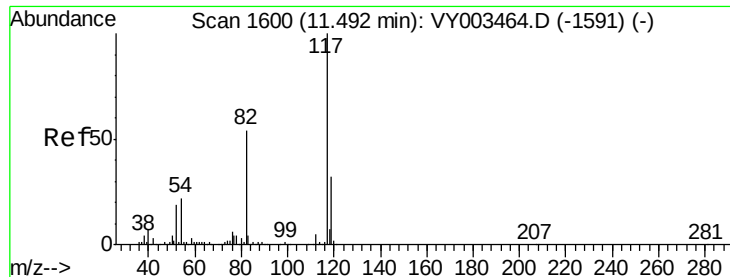
Tot Ion: 107 Resp: 35862
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.909 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion: 95 Resp: 137746
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 193.0
 176 93.5 0.0 187.4

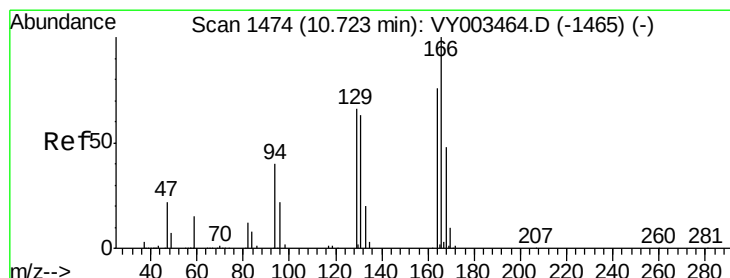
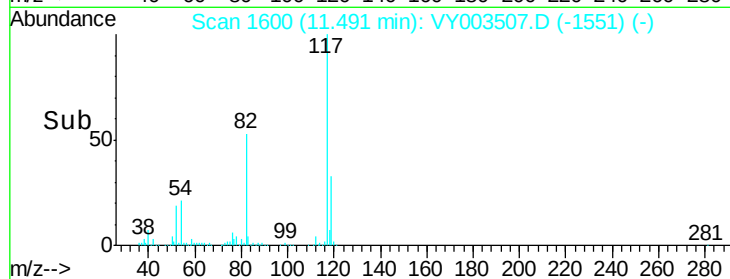
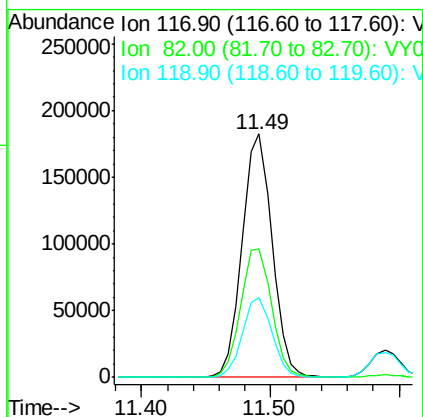
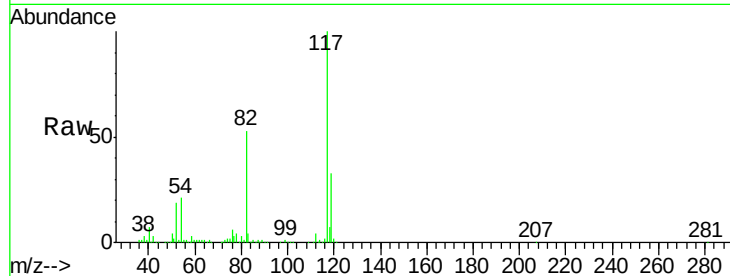




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

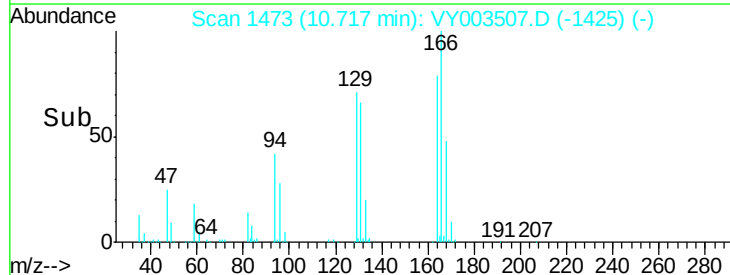
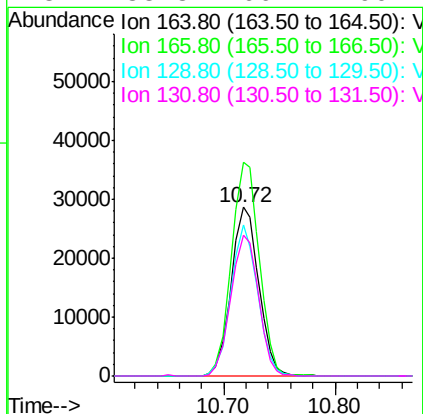
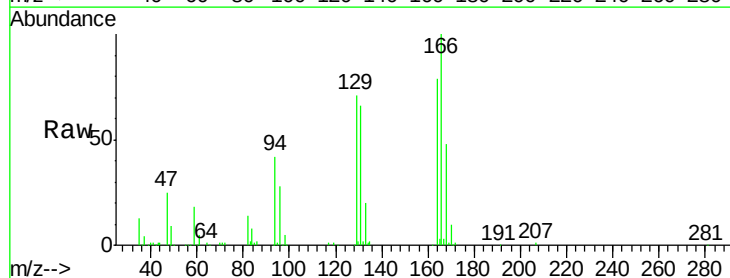
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

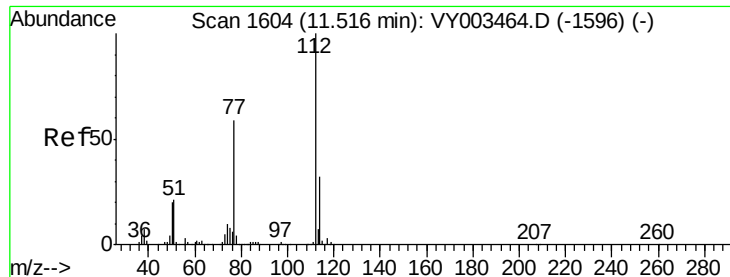
Tot Ion:117 Resp: 294147
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.2
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 22.359 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:164 Resp: 49117
Ion Ratio Lower Upper
164 100
166 126.6 104.9 157.3
129 89.7 68.9 103.3
131 83.8 66.2 99.2





#65

Chlorobenzene

Concen: 22.933 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

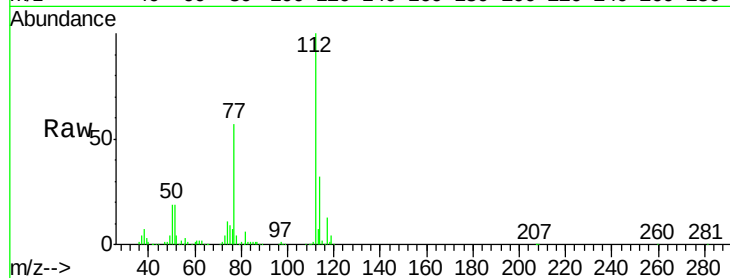
VY1104SBSD01

Tot Ion:112 Resp: 131050

Ion Ratio Lower Upper

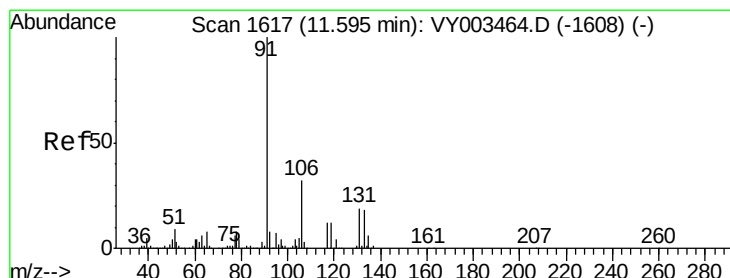
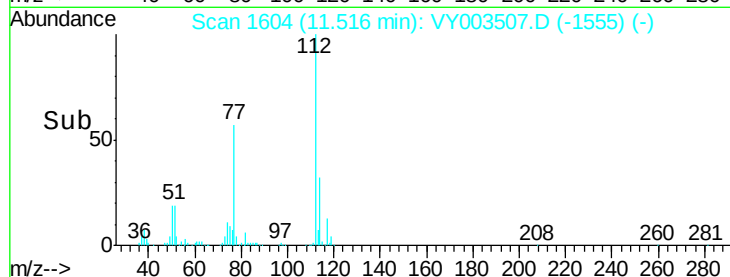
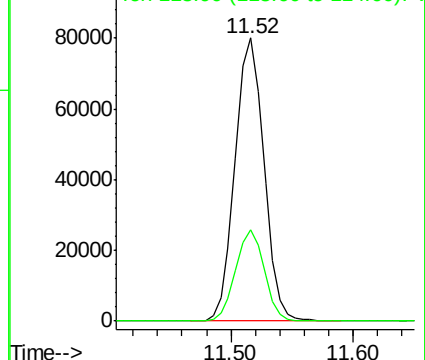
112 100

114 32.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.718 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

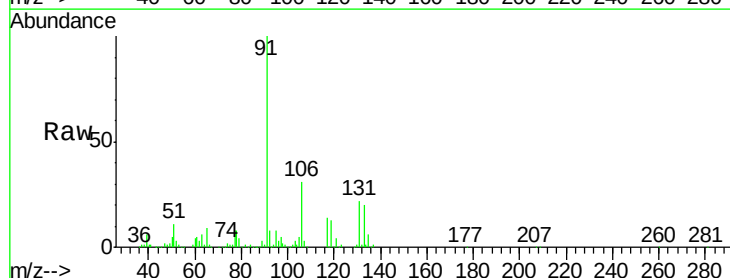
Tgt Ion:131 Resp: 48960

Ion Ratio Lower Upper

131 100

133 97.0 47.4 142.2

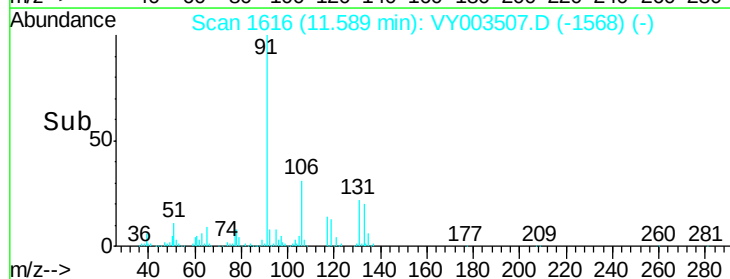
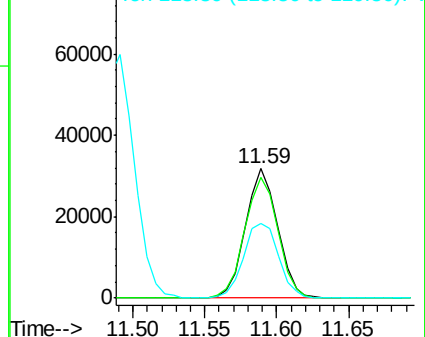
119 63.5 31.6 95.0

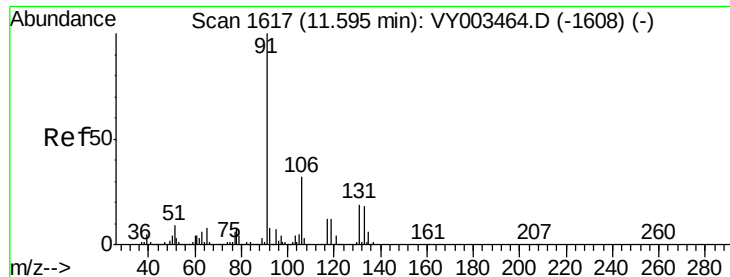


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.255 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

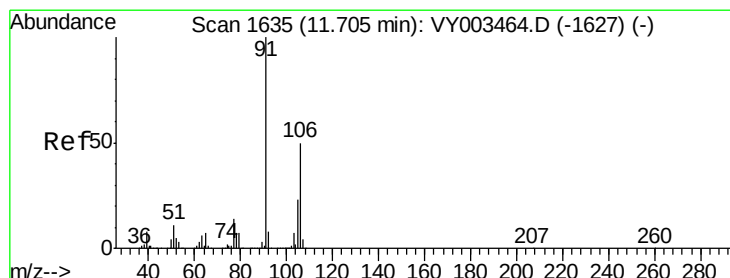
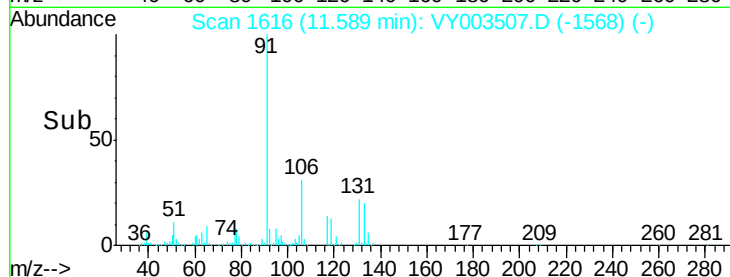
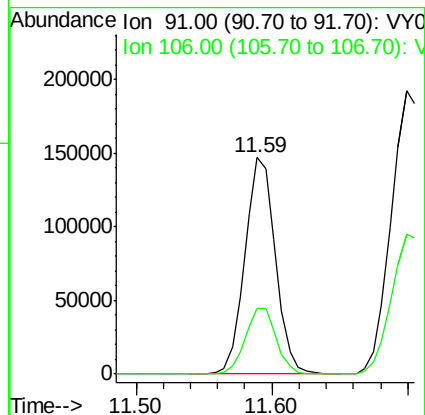
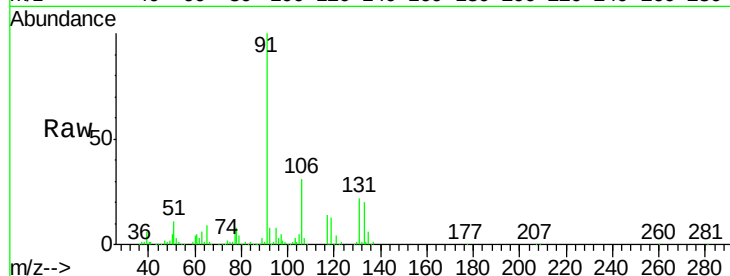
VY1104SBS01

Tot Ion: 91 Resp: 230608

Ion Ratio Lower Upper

91 100

106 30.6 25.4 38.0



#68

m/p-Xylenes

Concen: 44.628 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003507.D

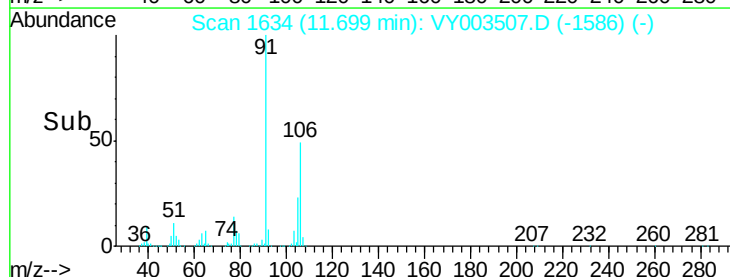
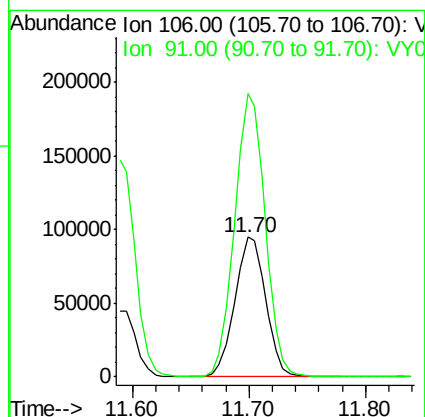
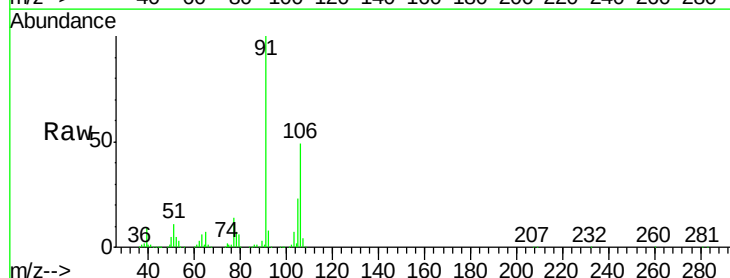
Acq: 04 Nov 2020 12:24

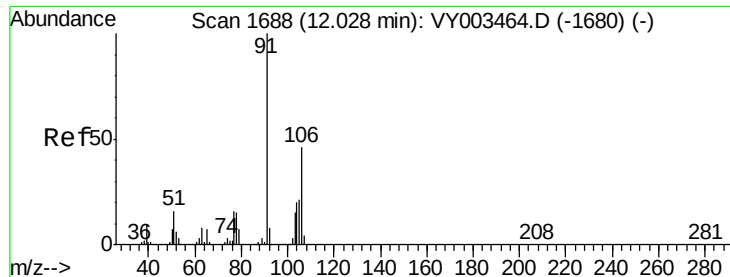
Tgt Ion: 106 Resp: 175244

Ion Ratio Lower Upper

106 100

91 200.6 161.0 241.6

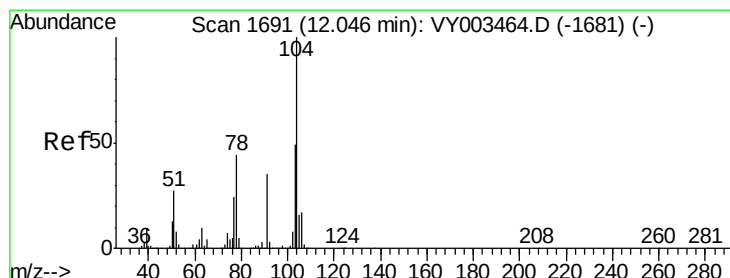
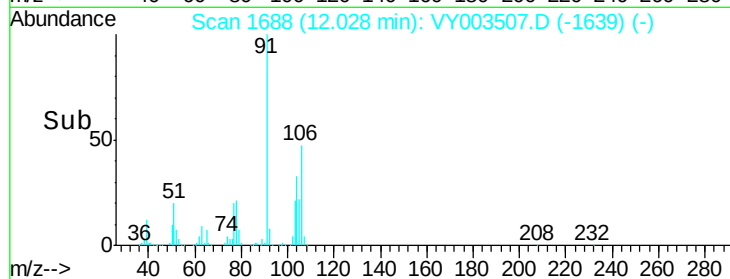
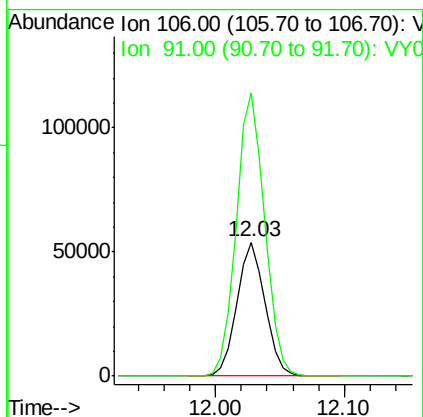
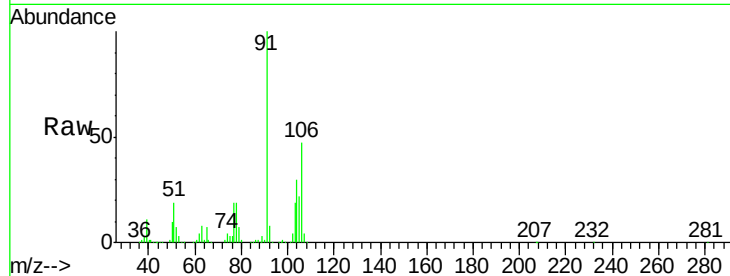




#69
o-Xylene
Concen: 22.539 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

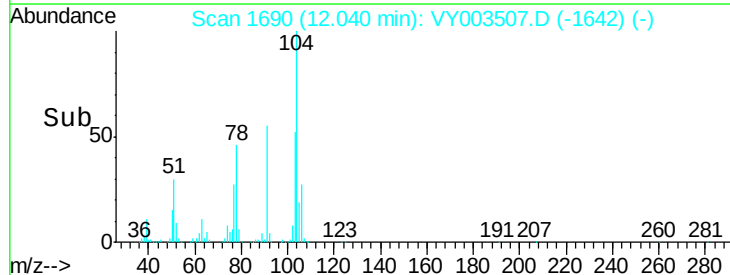
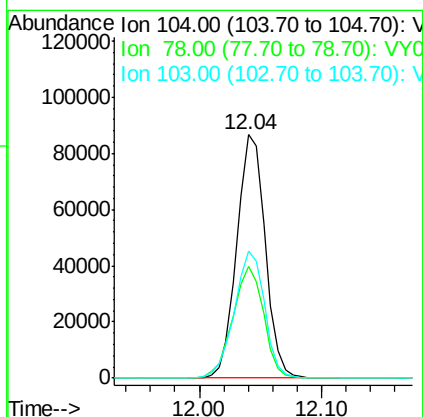
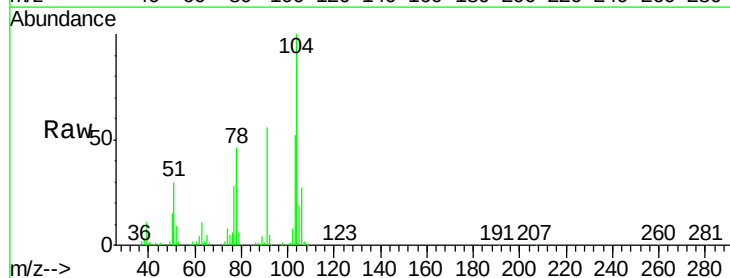
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

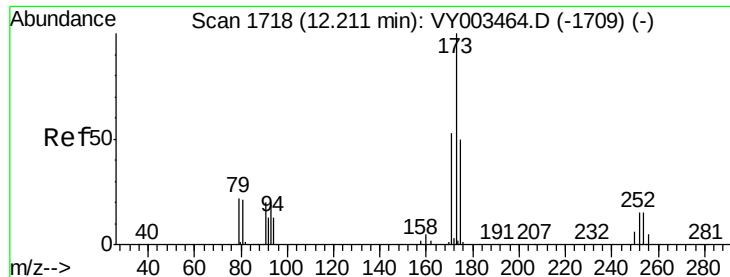
Tot Ion:106 Resp: 81413
Ion Ratio Lower Upper
106 100
91 214.1 105.5 316.5



#70
Styrene
Concen: 22.750 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:104 Resp: 139531
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.5 44.2 66.2





#71

Bromoform

Concen: 22.277 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

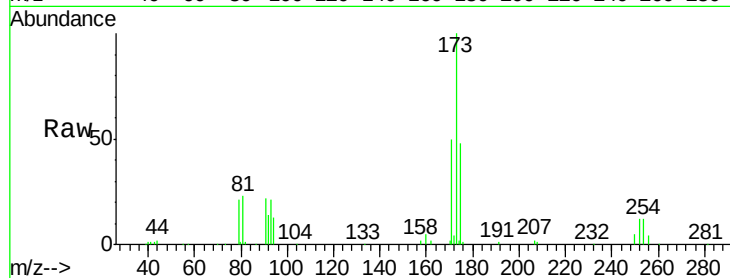
Tot Ion:173 Resp: 32001

Ion Ratio Lower Upper

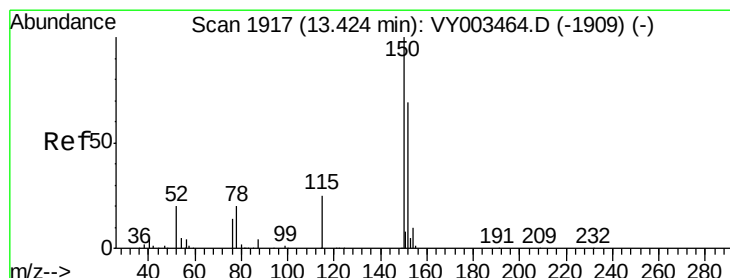
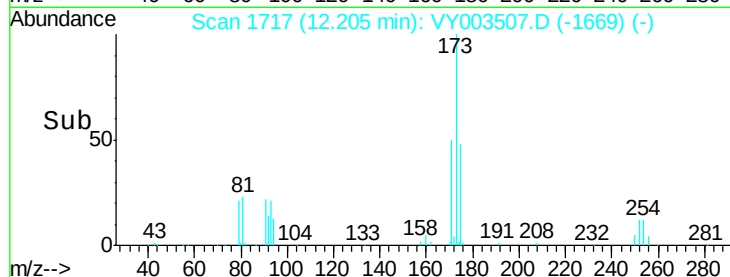
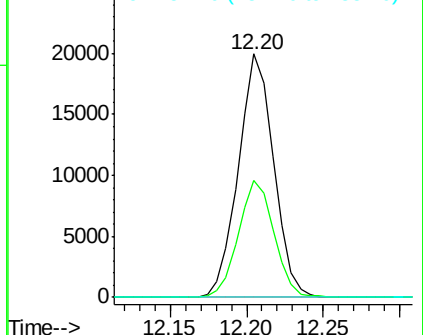
173 100

175 48.2 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

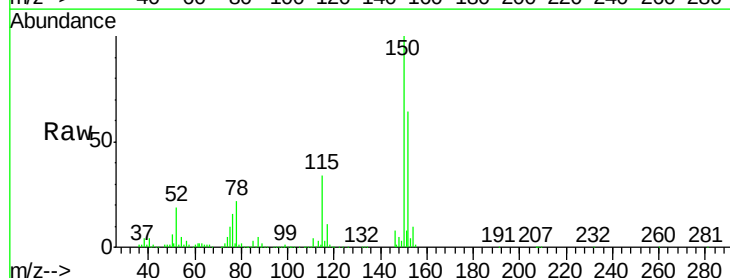
Tgt Ion:152 Resp: 158611

Ion Ratio Lower Upper

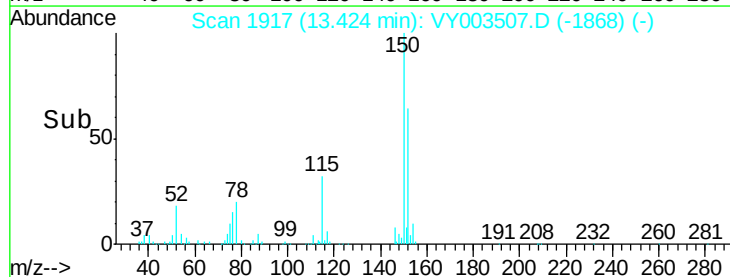
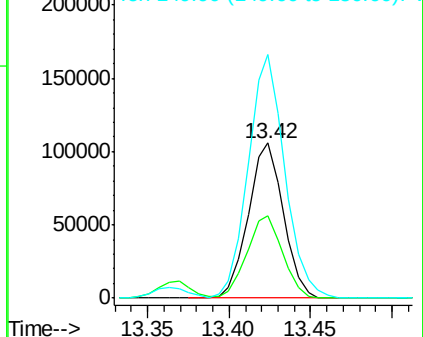
152 100

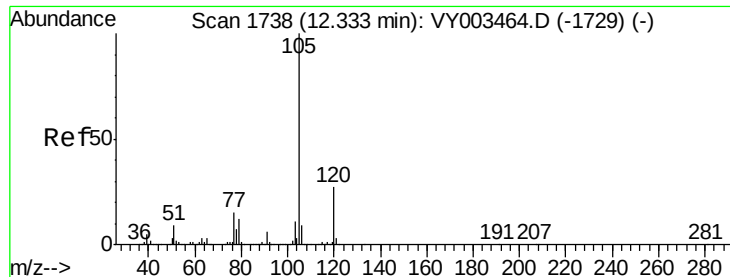
115 53.9 27.5 82.4

150 163.4 0.0 345.8



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





#73

Isopropylbenzene

Concen: 21.327 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

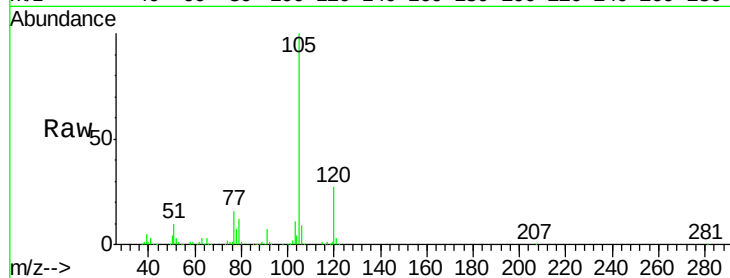
VY1104SBS01

Tot Ion:105 Resp: 220972

Ion Ratio Lower Upper

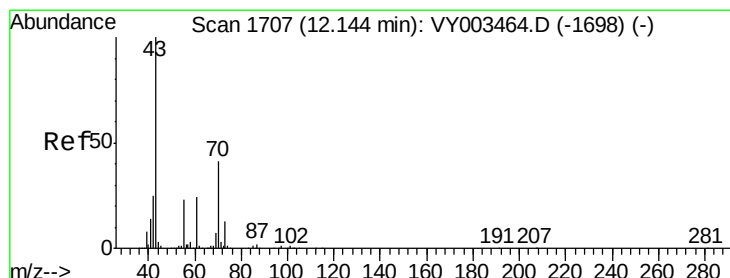
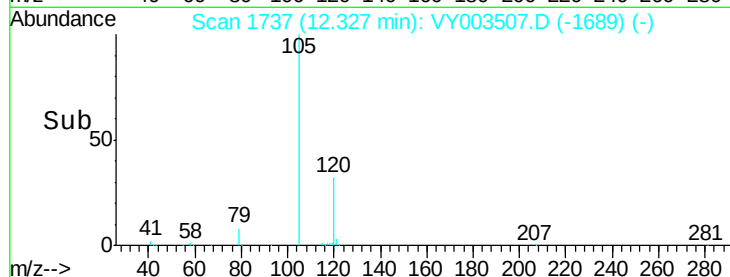
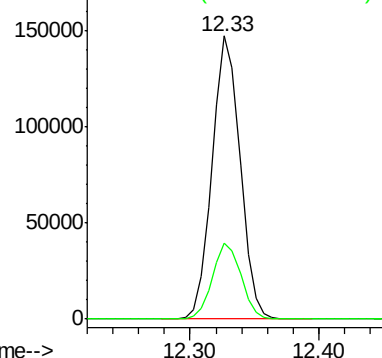
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.042 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion: 43 Resp: 64689

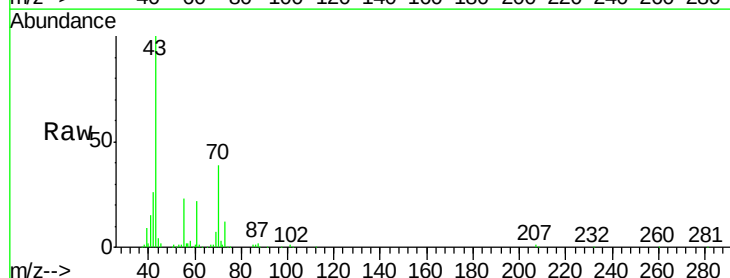
Ion Ratio Lower Upper

43 100

70 41.4 33.1 49.7

55 24.5 19.2 28.8

61 23.6 19.0 28.6

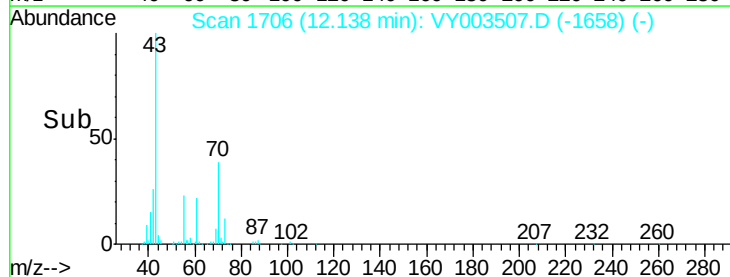
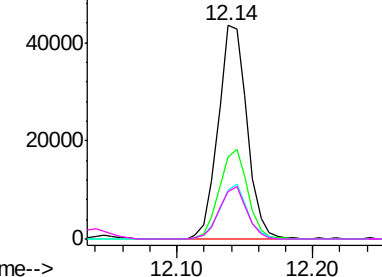


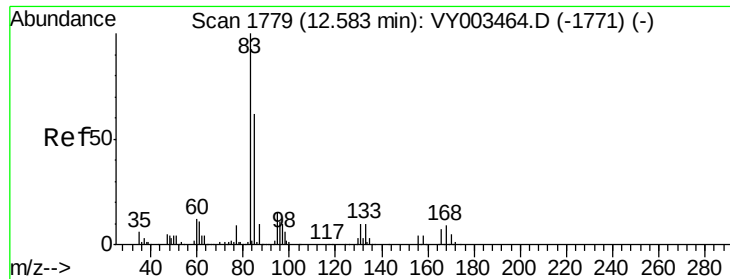
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.879 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

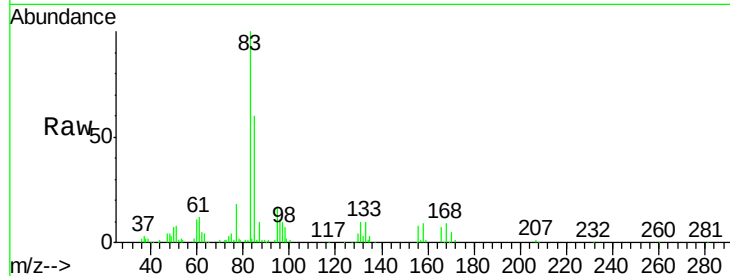
Tot Ion: 83 Resp: 48421

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

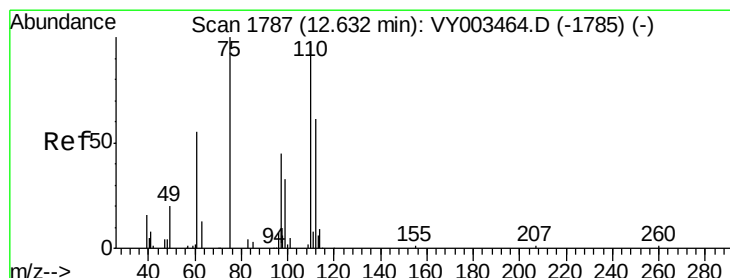
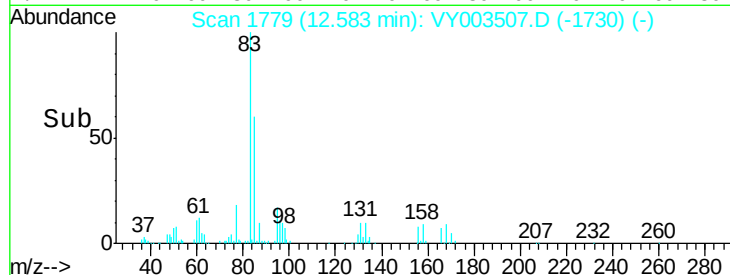
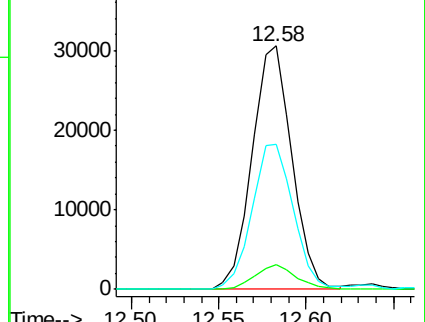
85 61.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003507.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003507.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003507.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 36.770 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003507.D

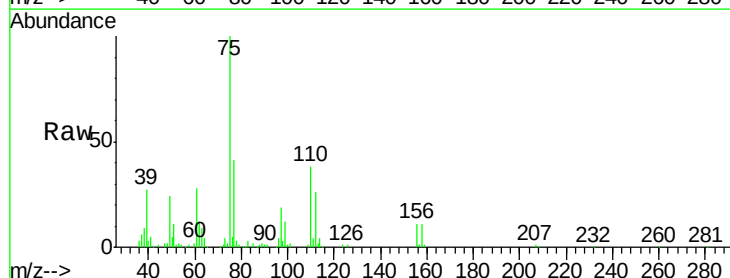
Acq: 04 Nov 2020 12:24

Tgt Ion: 75 Resp: 61708

Ion Ratio Lower Upper

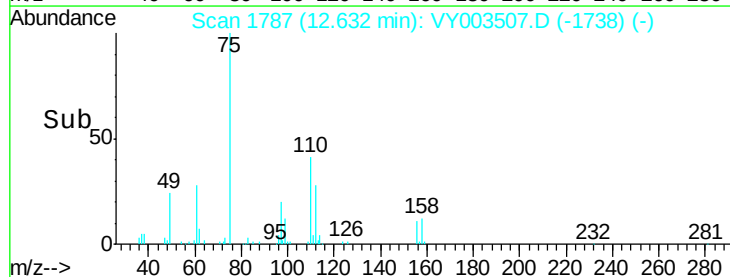
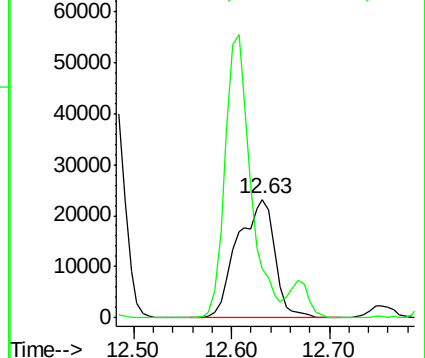
75 100

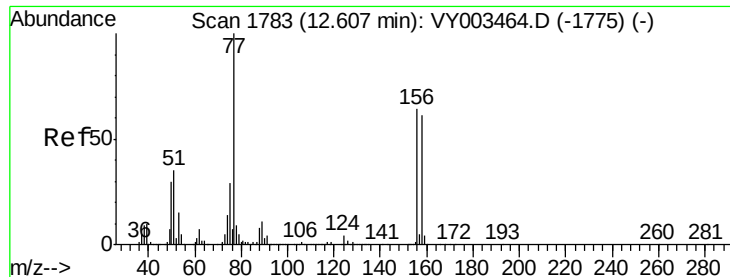
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003507.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003507.D (-1738) (-)





#77

Bromobenzene

Concen: 22.229 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

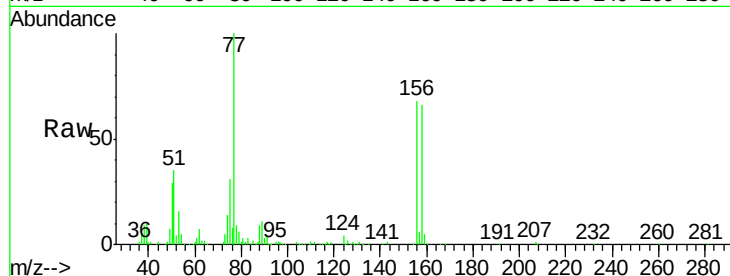
Tot Ion:156 Resp: 58516

Ion Ratio Lower Upper

156 100

77 172.3 87.0 260.9

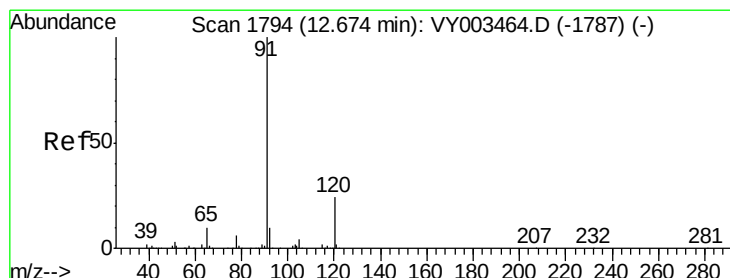
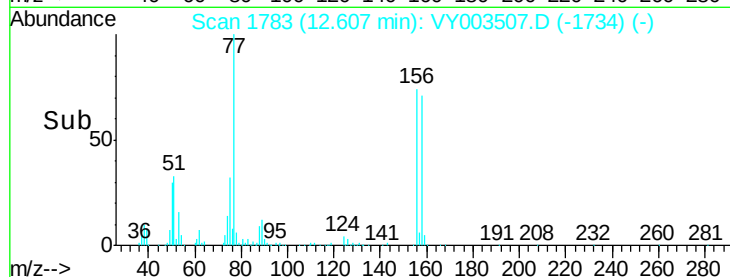
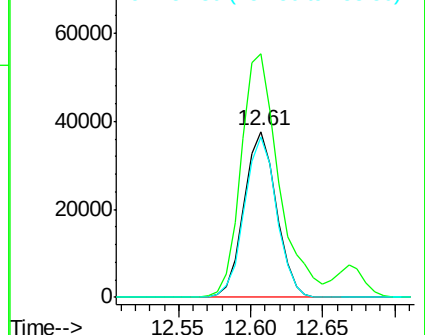
158 96.1 48.7 146.1



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: 21.668 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003507.D

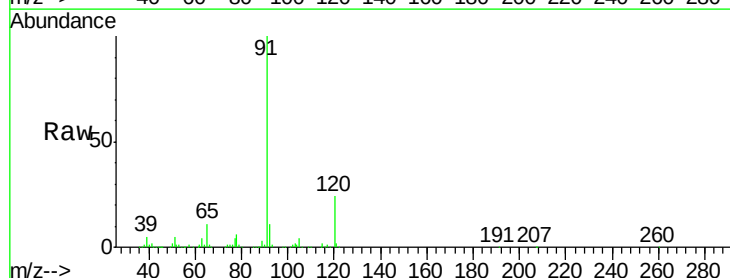
Acq: 04 Nov 2020 12:24

Tgt Ion: 91 Resp: 264442

Ion Ratio Lower Upper

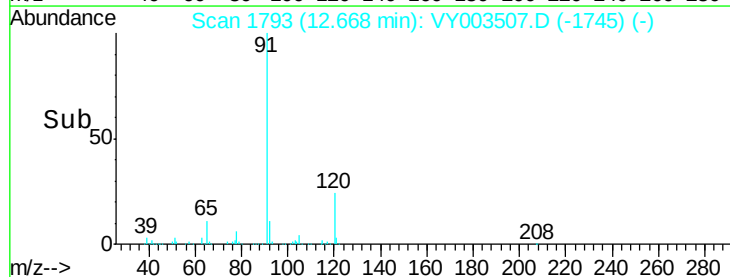
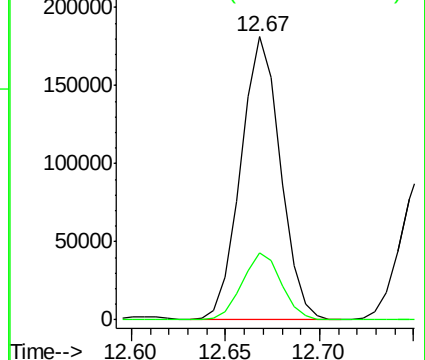
91 100

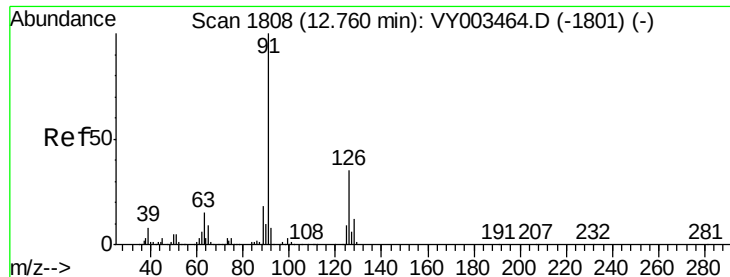
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

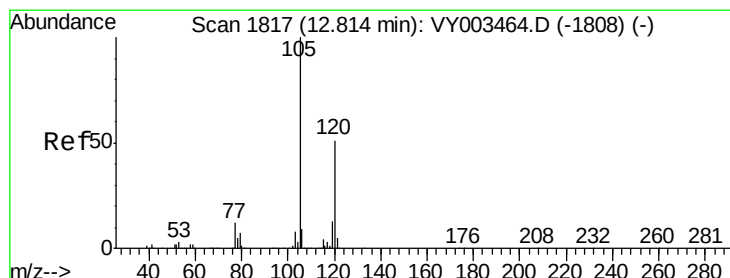
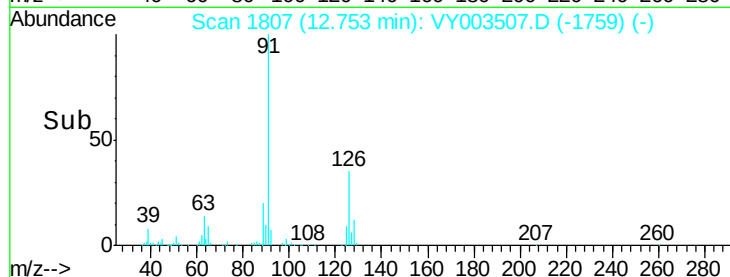
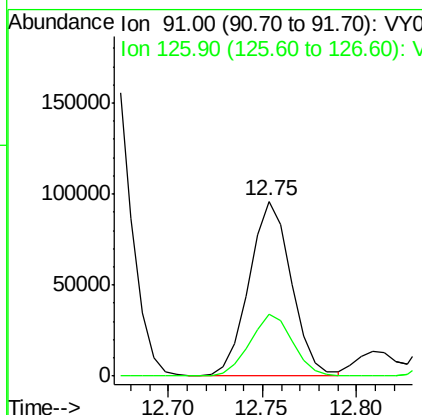
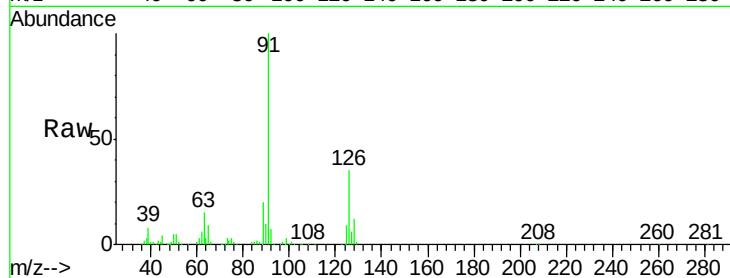




#79
2-Chlorotoluene
Concen: 21.849 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

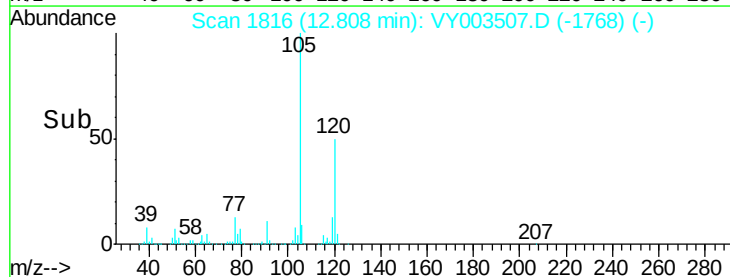
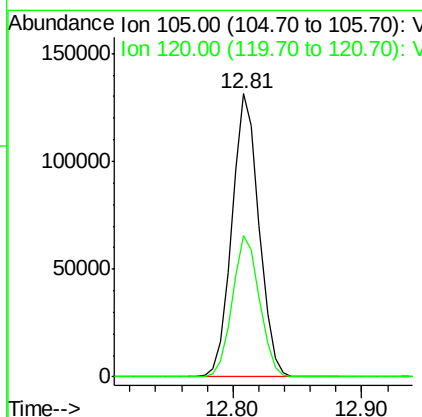
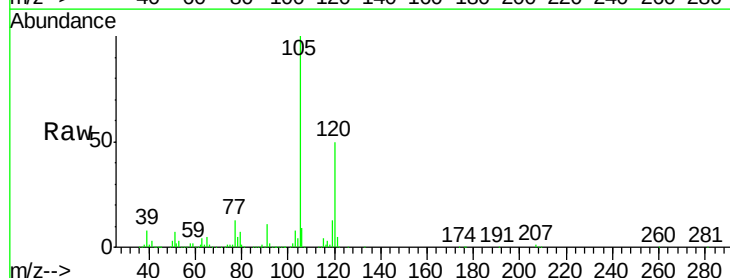
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBSD01

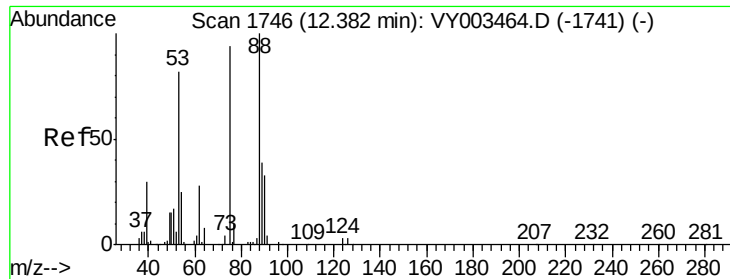
Tot Ion: 91 Resp: 148979
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 22.350 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:105 Resp: 191865
Ion Ratio Lower Upper
105 100
120 50.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.316 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

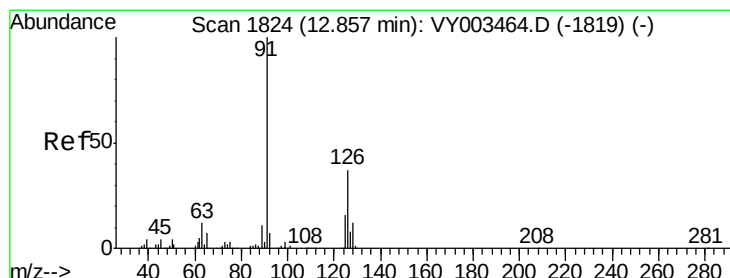
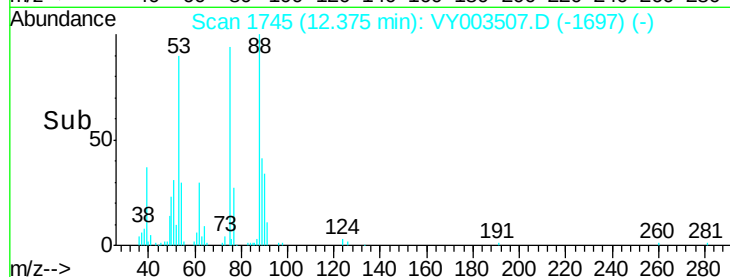
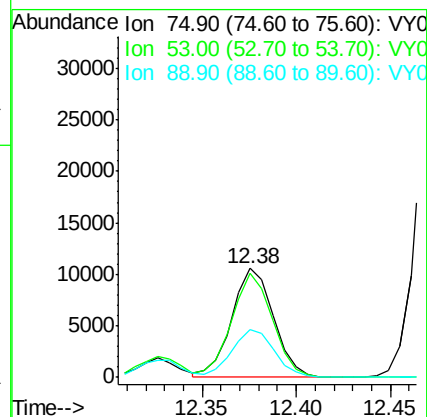
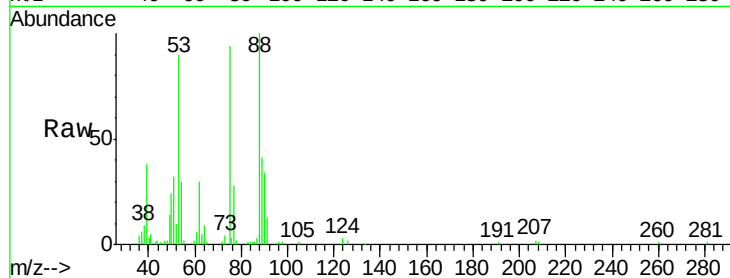
Tot Ion: 75 Resp: 16335

Ion Ratio Lower Upper

75 100

53 93.3 74.7 112.1

89 44.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 22.046 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003507.D

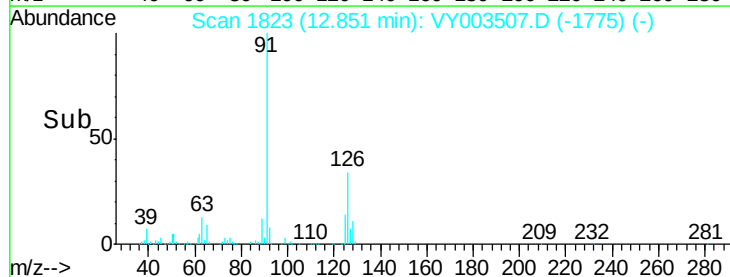
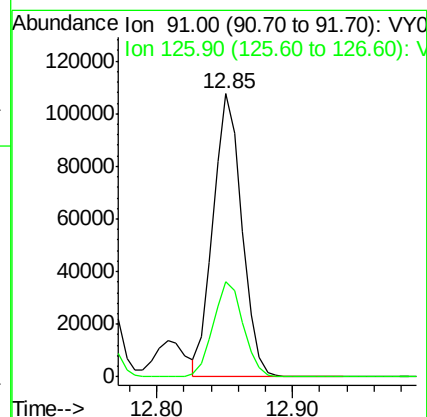
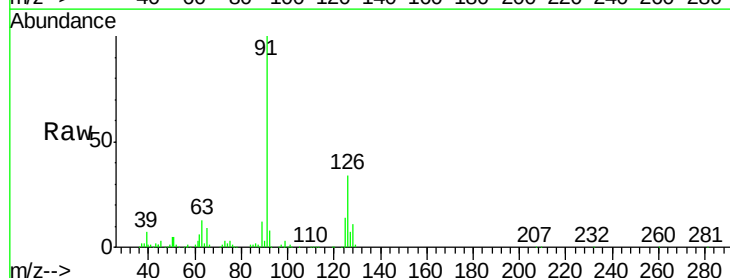
Acq: 04 Nov 2020 12:24

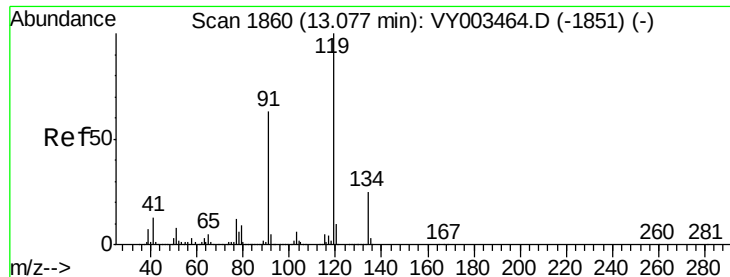
Tgt Ion: 91 Resp: 157084

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8





#83

tert-Butylbenzene

Concen: 21.647 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

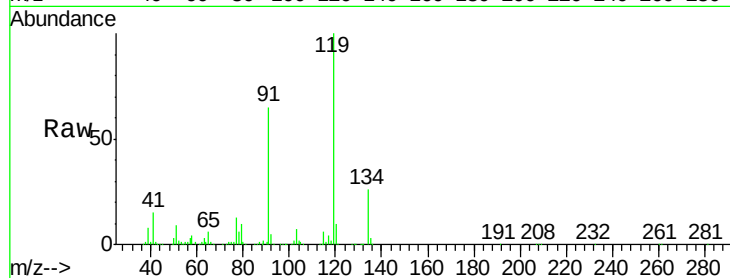
Tot Ion:119 Resp: 164809

Ion Ratio Lower Upper

119 100

91 64.1 31.1 93.2

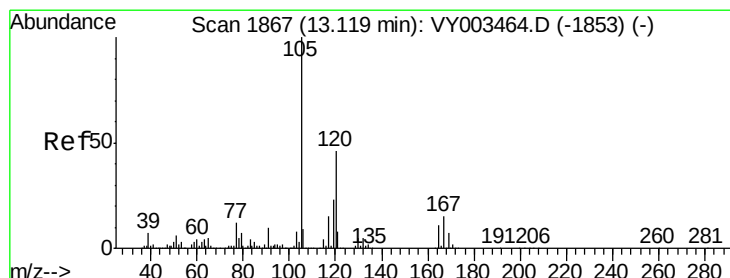
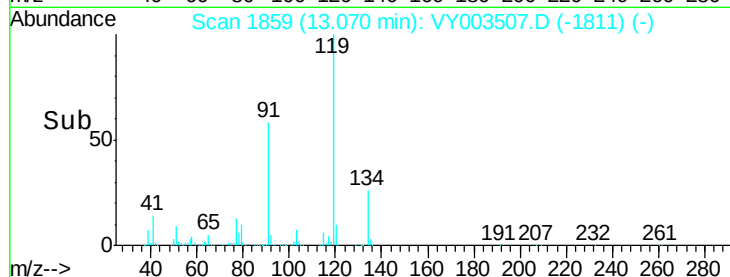
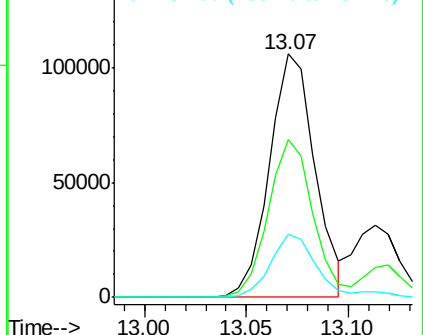
134 27.4 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.281 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003507.D

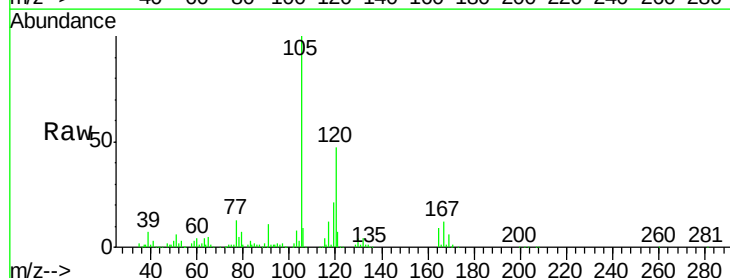
Acq: 04 Nov 2020 12:24

Tgt Ion:105 Resp: 191167

Ion Ratio Lower Upper

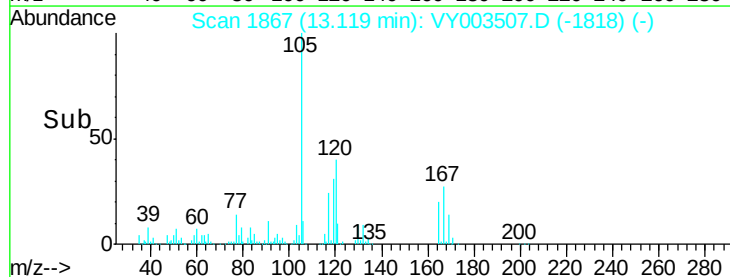
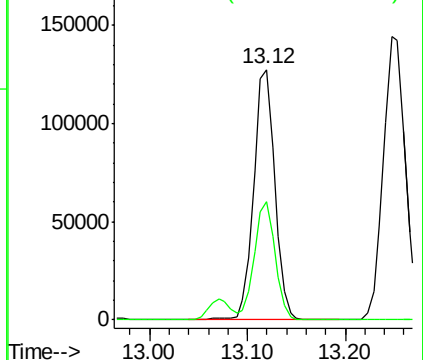
105 100

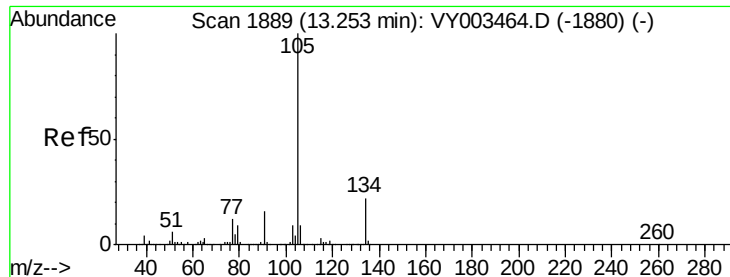
120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.738 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

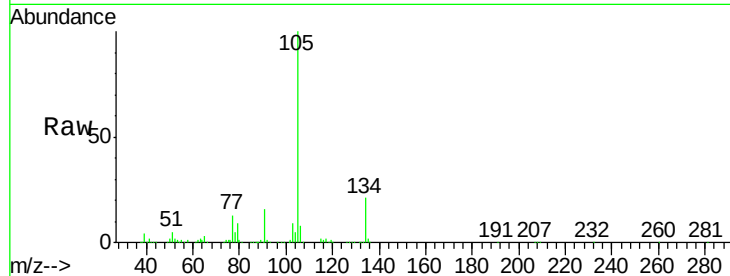
VY1104SBS01

Tot Ion:105 Resp: 224096

Ion Ratio Lower Upper

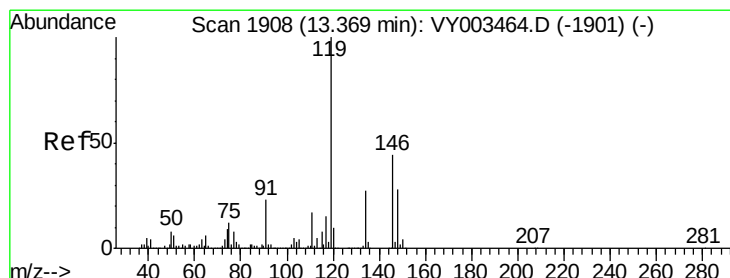
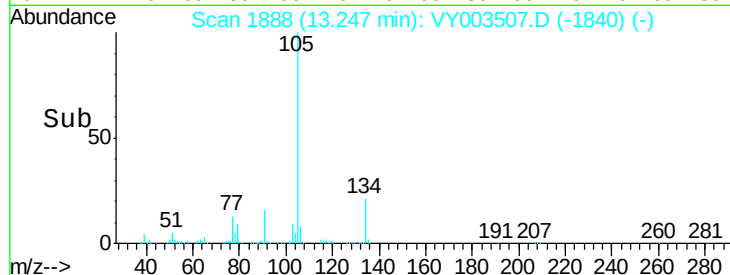
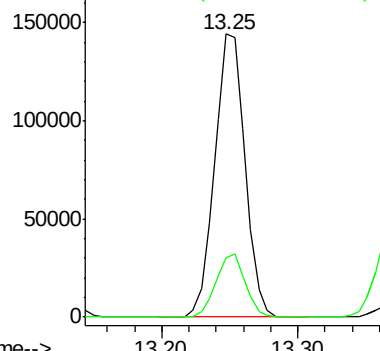
105 100

134 21.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.993 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

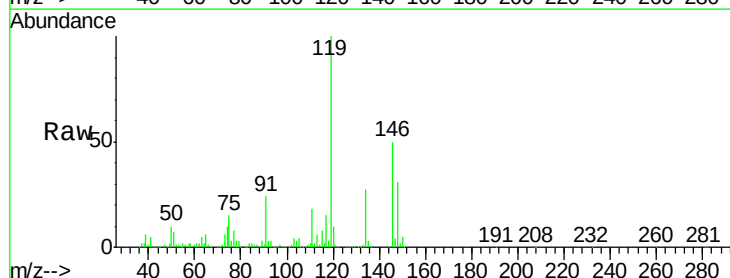
Tgt Ion:119 Resp: 210270

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

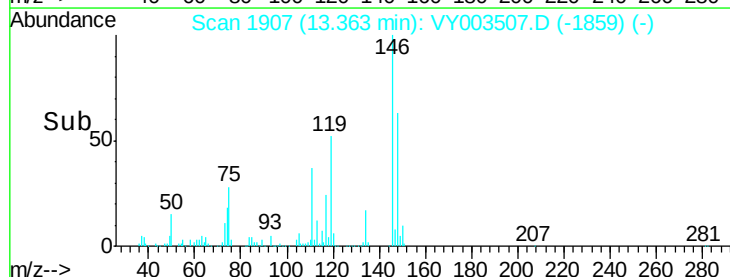
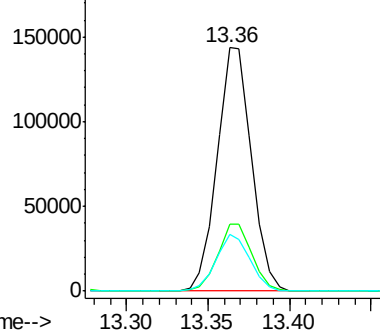
91 22.9 11.4 34.2

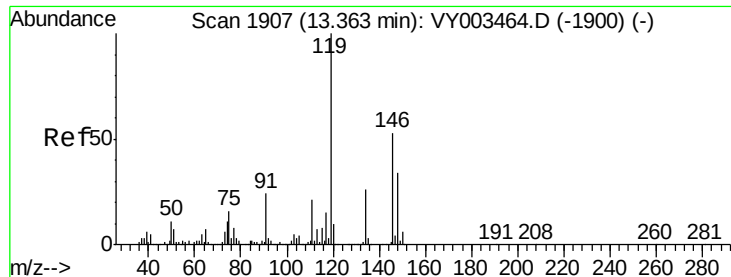


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

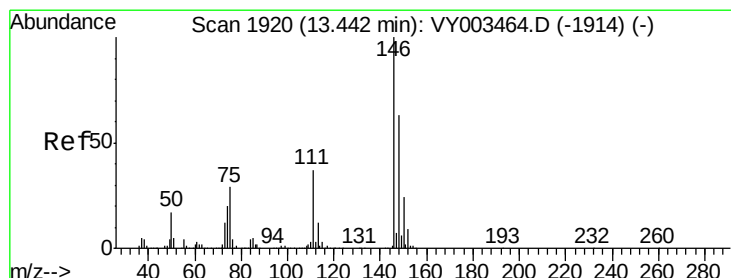
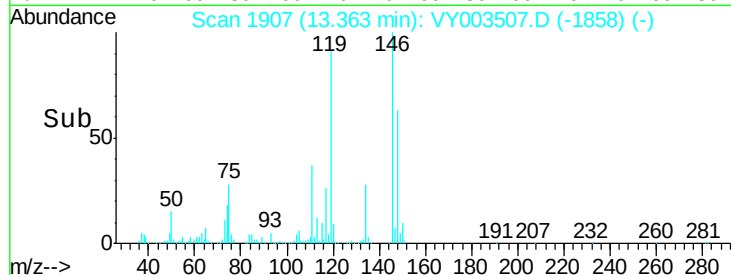
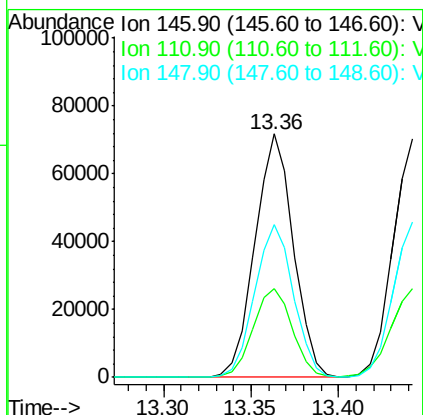
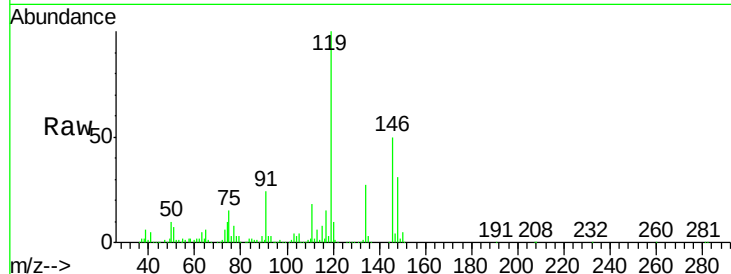




#87
 1,3-Dichlorobenzene
 Concen: 22.464 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

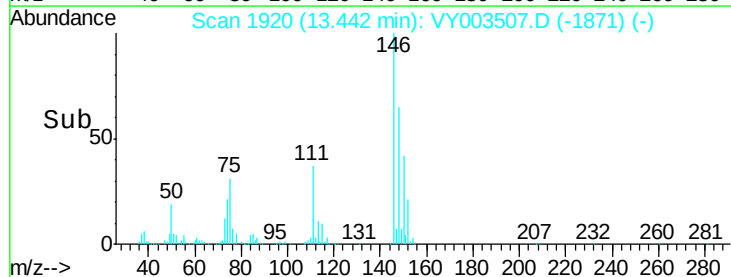
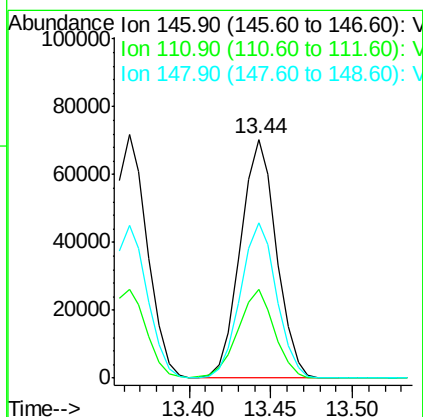
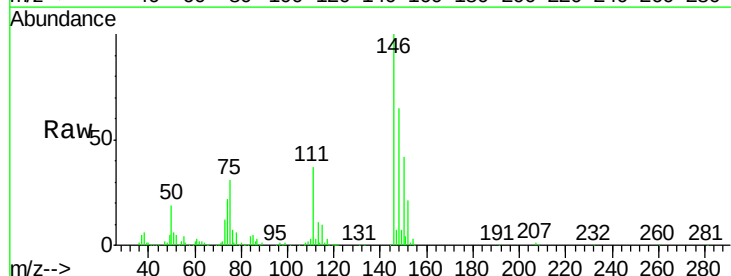
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD01

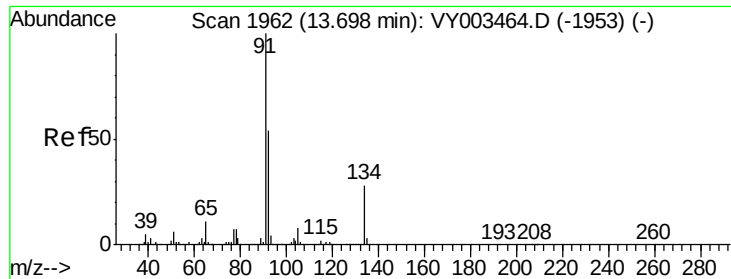
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	63.5	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 22.232 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.8
148	65.4	32.0	96.0

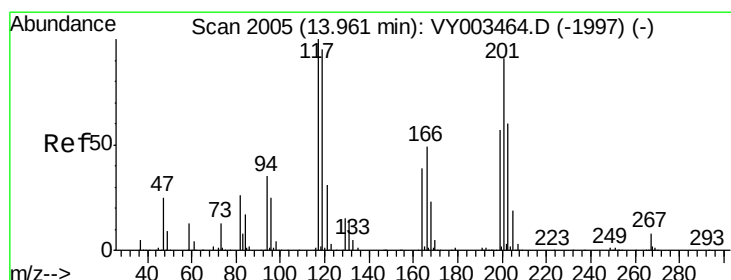
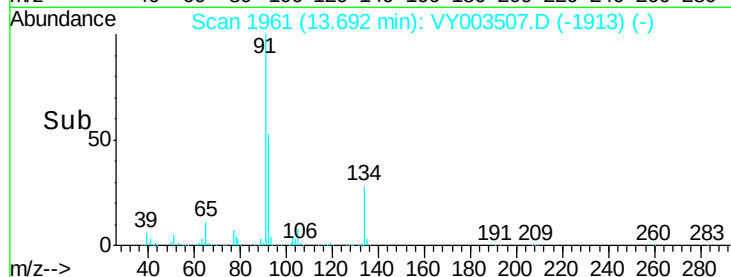
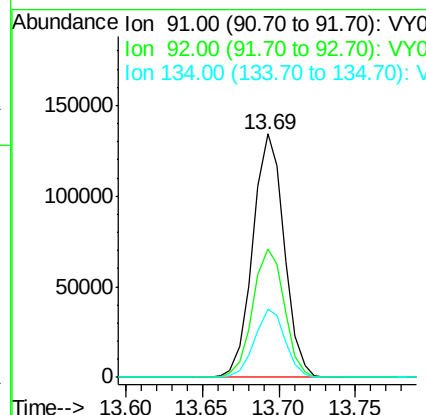
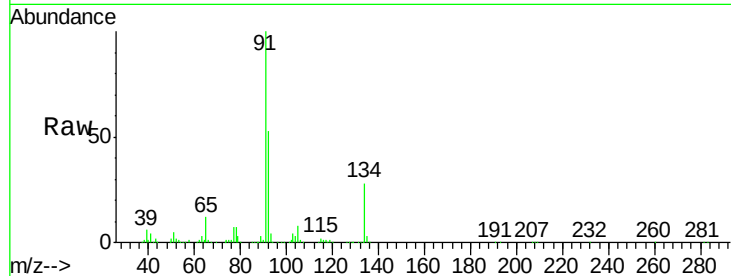




#89
n-Butylbenzene
Concen: 21.933 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

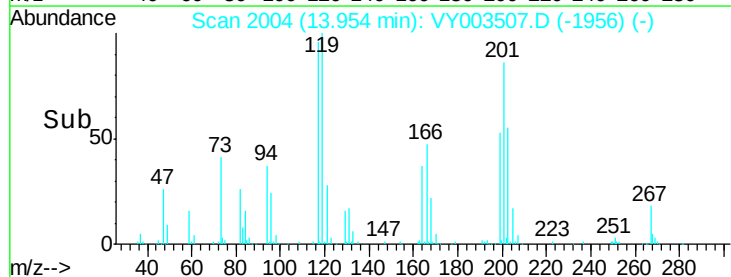
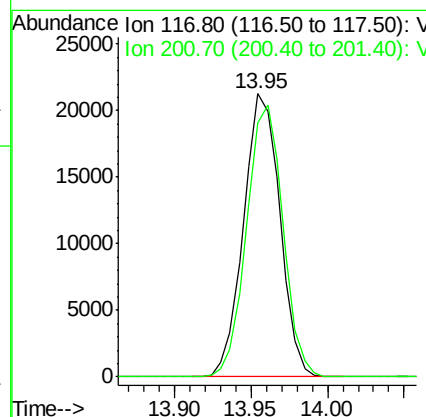
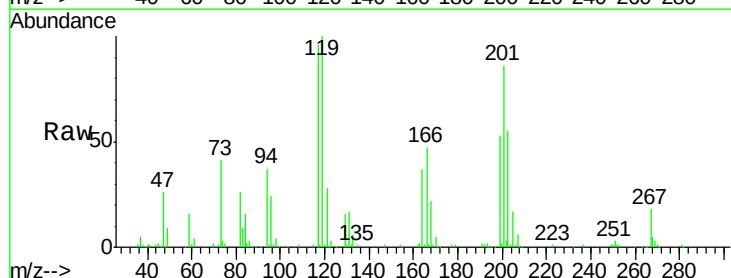
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBSD01

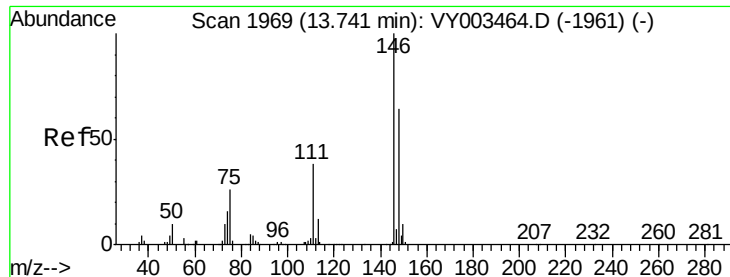
Tot Ion: 91 Resp: 191535
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 27.2 13.8 41.3



#90
Hexachloroethane
Concen: 21.825 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 117 Resp: 35117
Ion Ratio Lower Upper
117 100
201 96.0 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 22.606 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

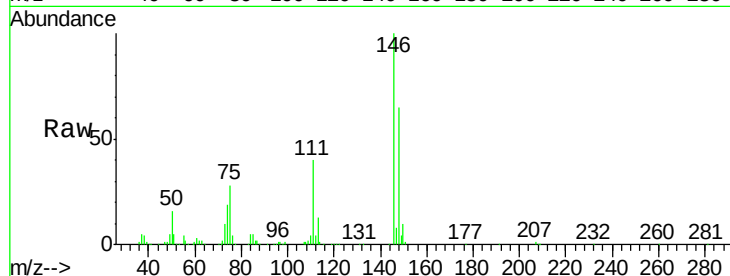
Tot Ion:146 Resp: 98478

Ion Ratio Lower Upper

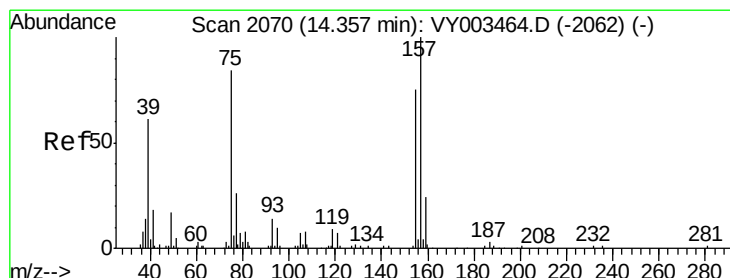
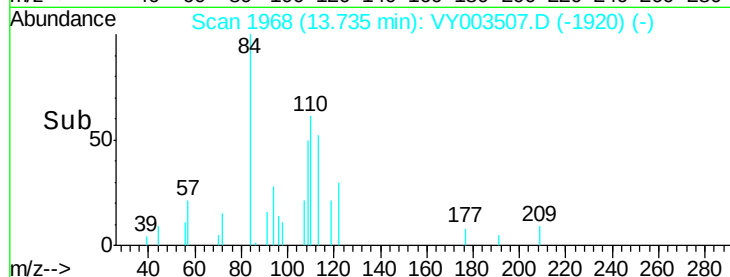
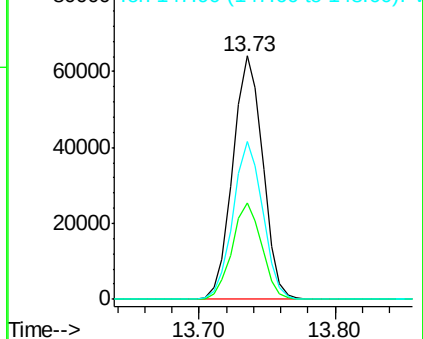
146 100

111 39.1 19.3 57.8

148 64.1 32.3 96.8



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: 20.785 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

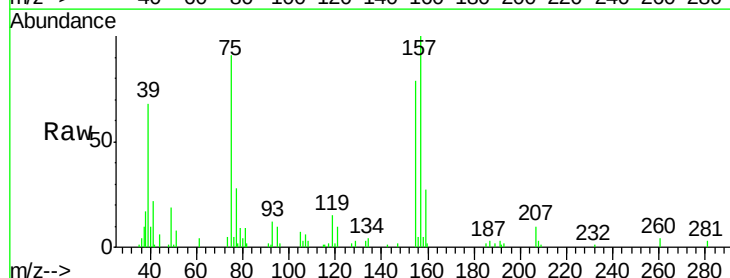
Tgt Ion: 75 Resp: 8327

Ion Ratio Lower Upper

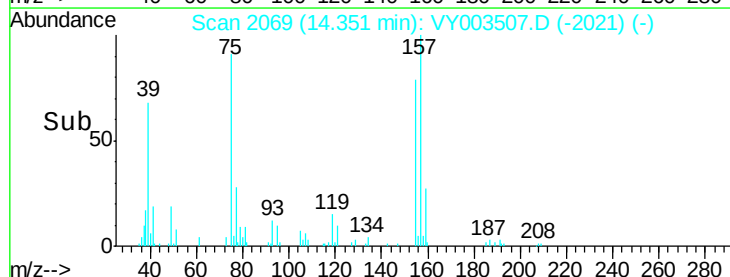
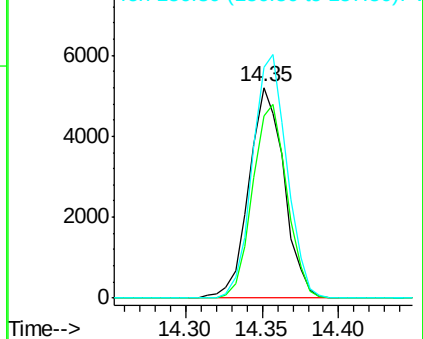
75 100

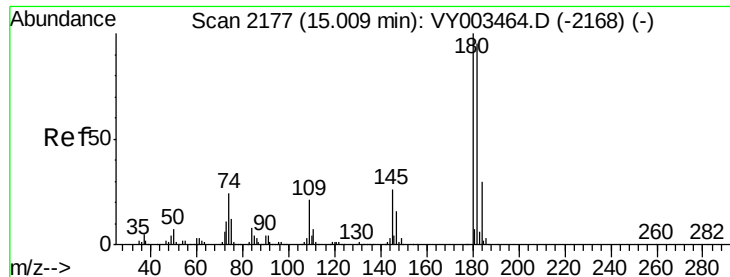
155 89.9 45.6 136.7

157 112.9 60.3 180.8



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

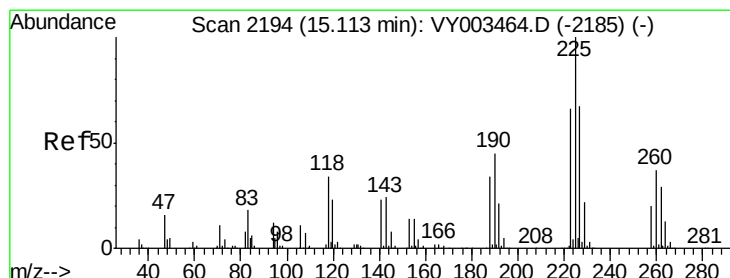
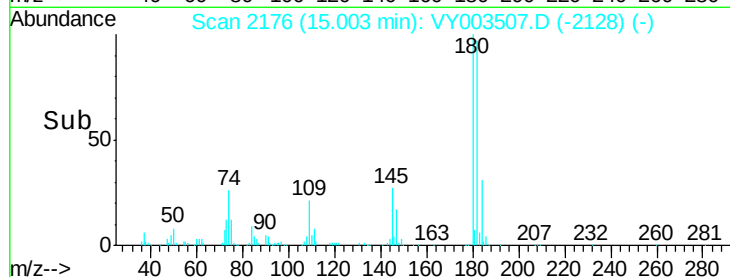
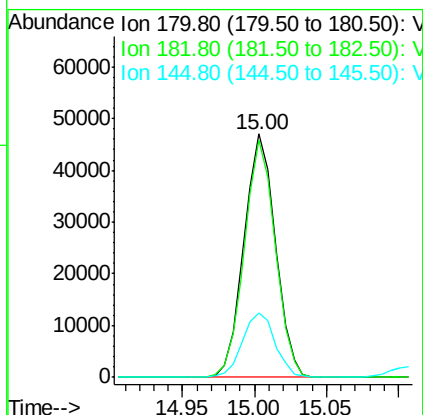
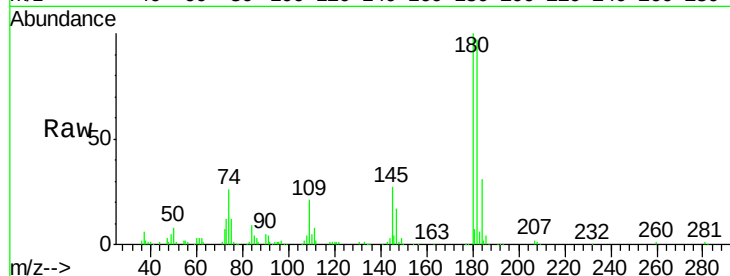




#93
 1,2,4-Trichlorobenzene
 Concen: 23.073 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

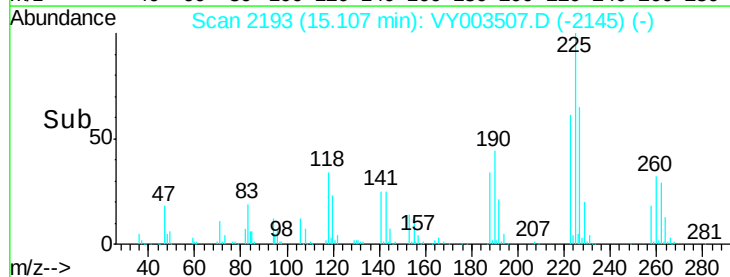
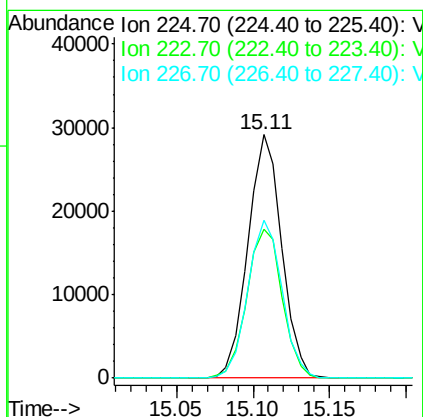
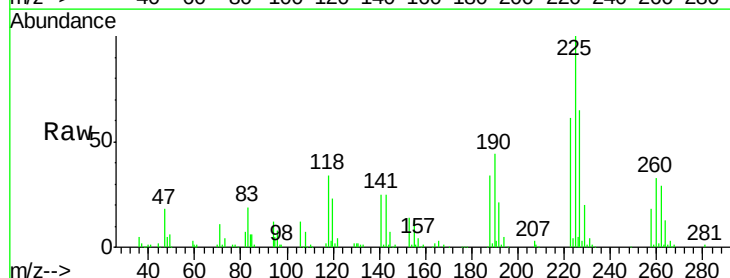
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD01

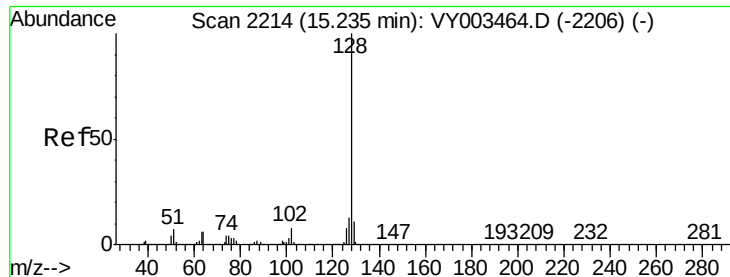
Tot Ion:180 Resp: 71098
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.1 144.3
 145 27.4 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 22.580 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion:225 Resp: 44759
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 65.8 32.4 97.2

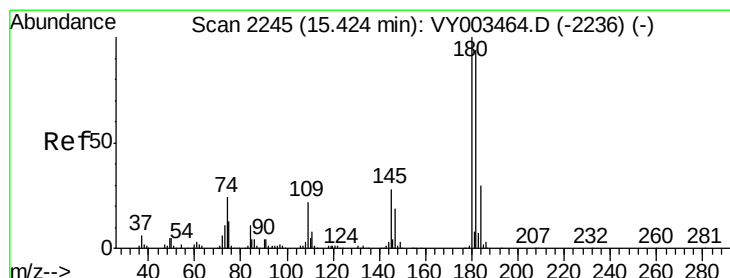
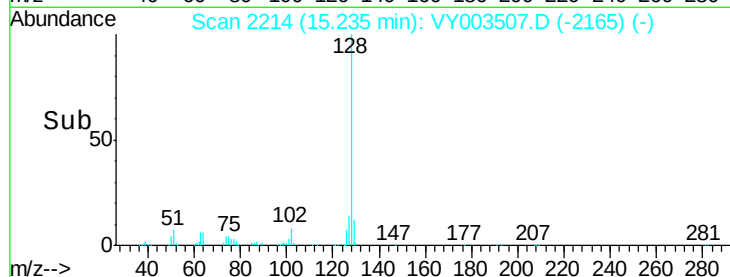
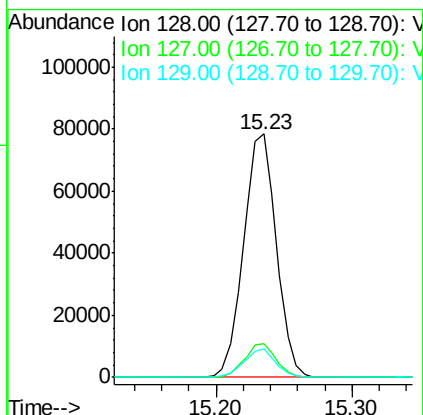
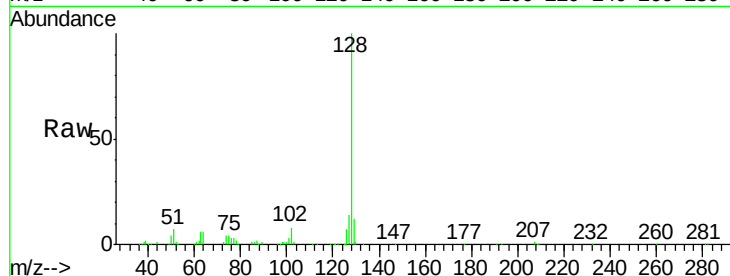




#95
Naphthalene
Concen: 21.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion:128 Resp: 131801
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 23.080 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:180 Resp: 63975
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.7
145 29.0 14.4 43.2

