

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003483.D
 Acq On : 03 Nov 2020 11:48
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Quant Time: Nov 04 00:22:07 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	242225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	350764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	317144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	121570	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.73	113	104538	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.18	98	428177	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.49	95	141424	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	41585	21.698	ug/l	99
3) Chloromethane	2.12	50	54084	21.436	ug/l	99
4) Vinyl Chloride	2.26	62	60137	21.234	ug/l	97
5) Bromomethane	2.65	94	46017	19.447	ug/l	98
6) Chloroethane	2.80	64	35170	20.835	ug/l	99
7) Trichlorofluoromethane	3.13	101	75709	21.060	ug/l	100
8) Diethyl Ether	3.54	74	23913	21.692	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42505	21.393	ug/l	99
10) Methyl Iodide	4.10	142	39658	22.260	ug/l	99
11) Tert butyl alcohol	4.97	59	26961	96.382	ug/l	97
12) 1,1-Dichloroethene	3.88	96	40855	20.667	ug/l	97
13) Acrolein	3.74	56	21820	105.880	ug/l	98
14) Allyl chloride	4.49	41	74982	20.790	ug/l	100
15) Acrylonitrile	5.18	53	58651	99.671	ug/l	99
16) Acetone	3.96	43	74866	91.391	ug/l	96
17) Carbon Disulfide	4.21	76	134502	21.002	ug/l	99
18) Methyl Acetate	4.49	43	30824	19.911	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	104555	21.354	ug/l	98
20) Methylene Chloride	4.73	84	49660	21.526	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	47361	20.690	ug/l	97
22) Diisopropyl ether	6.13	45	137382	21.717	ug/l	99
23) Vinyl Acetate	6.08	43	501403	105.478	ug/l	99
24) 1,1-Dichloroethane	6.04	63	85442	21.255	ug/l	99
25) 2-Butanone	7.00	43	99201	96.823	ug/l	98
26) 2,2-Dichloropropane	6.99	77	79970	21.354	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	52837	21.302	ug/l	100
28) Bromochloromethane	7.35	49	41097	20.322	ug/l	96
29) Tetrahydrofuran	7.36	42	53495	99.922	ug/l	99
30) Chloroform	7.52	83	83849	21.237	ug/l	97
31) Cyclohexane	7.80	56	77631	20.857	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	77429	21.021	ug/l	99
36) 1,1-Dichloropropene	7.92	75	70371	21.279	ug/l	99
37) Ethyl Acetate	7.09	43	41736	20.323	ug/l	99
38) Carbon Tetrachloride	7.91	117	70021	20.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76276	20.713	ug/l	98
40) Benzene	8.17	78	190153	20.661	ug/l	98
41) Methacrylonitrile	7.36	41	52545	47.915	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	58698	20.355	ug/l	99
43) Isopropyl Acetate	8.28	43	74283	20.127	ug/l	99
44) Trichloroethene	8.94	130	53165	20.577	ug/l	99
45) 1,2-Dichloropropane	9.22	63	48431	20.838	ug/l	99
46) Dibromomethane	9.31	93	26224	20.508	ug/l	98
47) Bromodichloromethane	9.50	83	65172	20.824	ug/l	98
48) Methyl methacrylate	9.30	41	34123	19.627	ug/l	97
49) 1,4-Dioxane	9.31	88	6259	392.294	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	200427	101.926	ug/l	99
52) Toluene	10.25	92	118796	20.637	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69037	20.728	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	77999	20.811	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	37642	20.738	ug/l	97
56) Ethyl methacrylate	10.52	69	48921	20.121	ug/l	98
57) 1,3-Dichloropropane	10.79	76	65604	20.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	131378	106.593	ug/l	99
59) 2-Hexanone	10.83	43	141089	96.907	ug/l	100
60) Dibromochloromethane	10.99	129	45491	20.391	ug/l	99
61) 1,2-Dibromoethane	11.09	107	35372	20.185	ug/l	100
64) Tetrachloroethene	10.72	164	49155	20.754	ug/l	96
65) Chlorobenzene	11.52	112	127827	20.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	48284	20.780	ug/l	100
67) Ethyl Benzene	11.60	91	229605	20.551	ug/l	100
68) m/p-Xylenes	11.70	106	174635	41.248	ug/l	99
69) o-Xylene	12.03	106	80986	20.795	ug/l	99
70) Styrene	12.05	104	137032	20.723	ug/l	99
71) Bromoform	12.21	173	30848	19.918	ug/l #	99
73) Isopropylbenzene	12.33	105	224320	20.745	ug/l	99
74) N-amyl acetate	12.14	43	63267	20.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46817	20.270	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	62309	35.575	ug/l #	100
77) Bromobenzene	12.61	156	55802	20.311	ug/l	98
78) n-propylbenzene	12.67	91	268338	21.068	ug/l	99
79) 2-Chlorotoluene	12.76	91	146972	20.654	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	186484	20.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16739	19.947	ug/l	99
82) 4-Chlorotoluene	12.86	91	156333	21.023	ug/l	100
83) tert-Butylbenzene	13.08	119	164316	20.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	187657	20.957	ug/l	100
85) sec-Butylbenzene	13.25	105	226204	21.025	ug/l	99
86) p-Isopropyltoluene	13.37	119	206918	20.737	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	106336	20.777	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	105772	20.784	ug/l	99
89) n-Butylbenzene	13.70	91	193872	21.273	ug/l	99
90) Hexachloroethane	13.96	117	35415	21.089	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	93953	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8177	19.557	ug/l	97

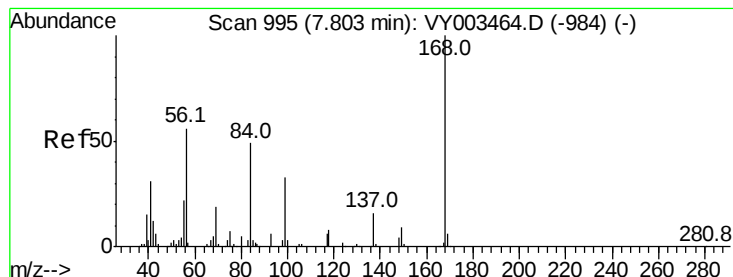
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	67696	21.050	ug/l	99
94) Hexachlorobutadiene	15.11	225	43957	21.248	ug/l	99
95) Naphthalene	15.24	128	129015	20.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	61013	21.091	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: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

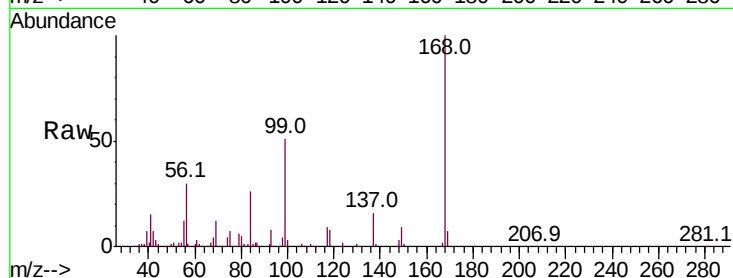
VY1103SBS01

Tot Ion:168 Resp: 242225

Ion Ratio Lower Upper

168 100

99 51.3 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

120000

100000

80000

60000

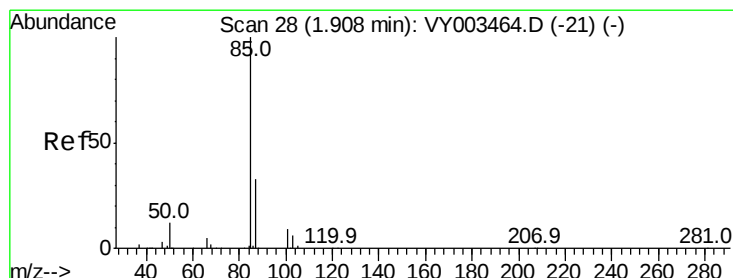
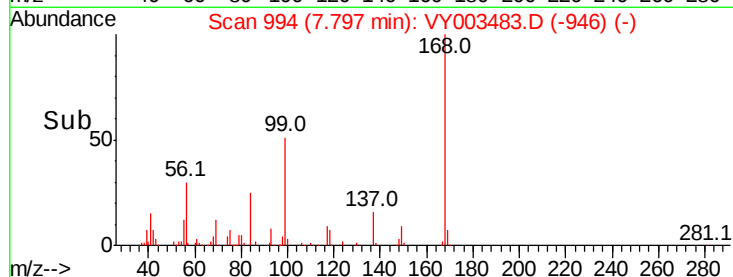
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.698 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY003483.D

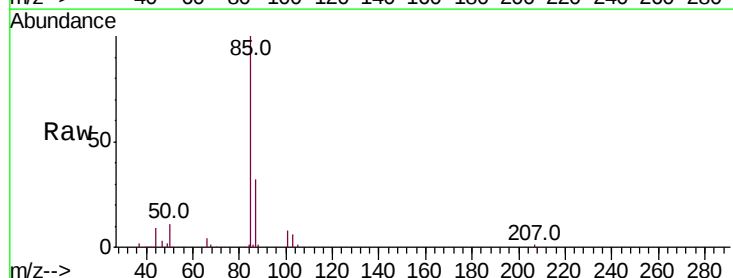
Acq: 03 Nov 2020 11:48

Tgt Ion: 85 Resp: 41585

Ion Ratio Lower Upper

85 100

87 32.3 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

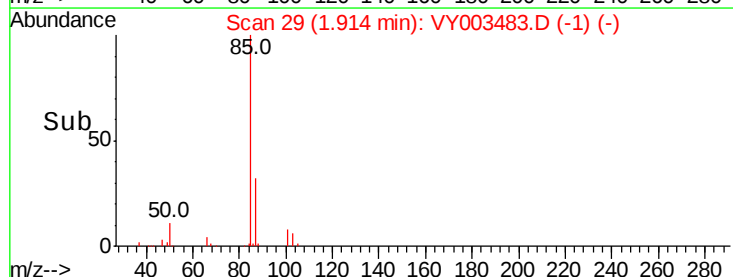
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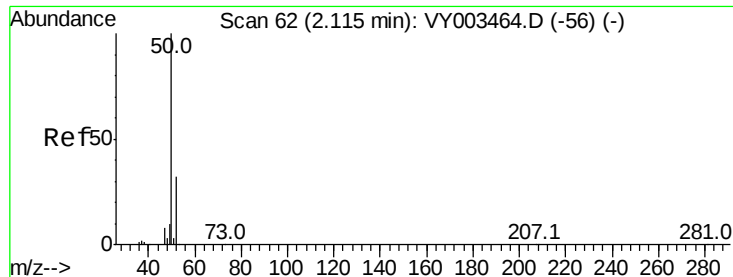
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.436 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

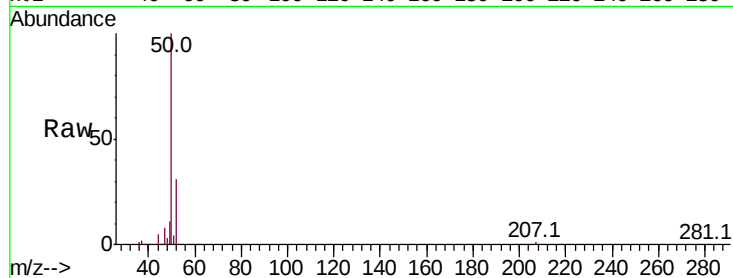
VY1103SBS01

Tot Ion: 50 Resp: 54084

Ion Ratio Lower Upper

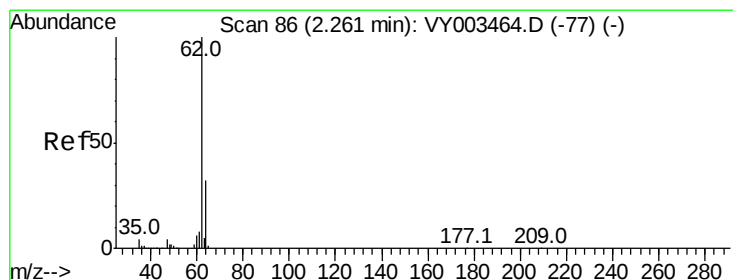
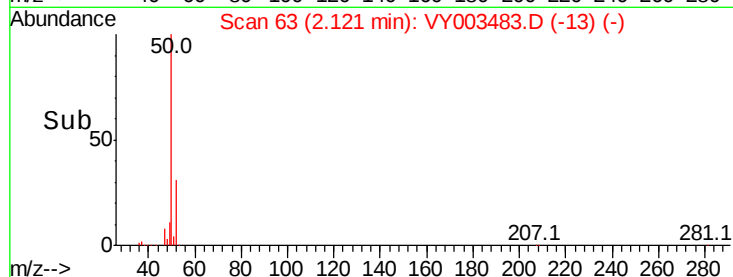
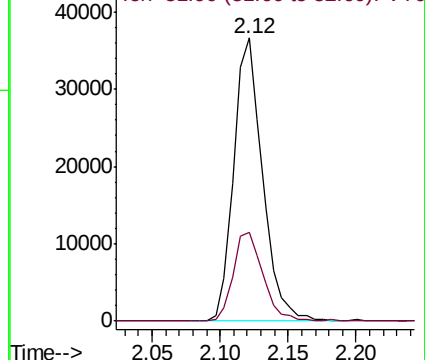
50 100

52 31.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.234 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003483.D

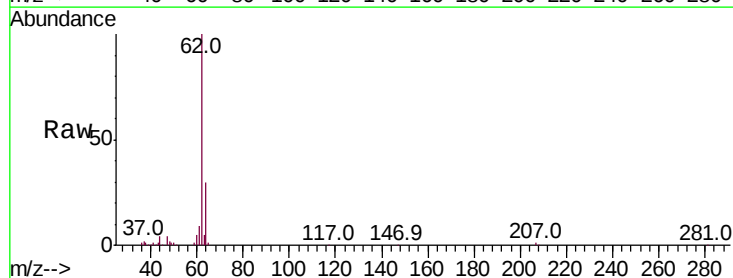
Acq: 03 Nov 2020 11:48

Tgt Ion: 62 Resp: 60137

Ion Ratio Lower Upper

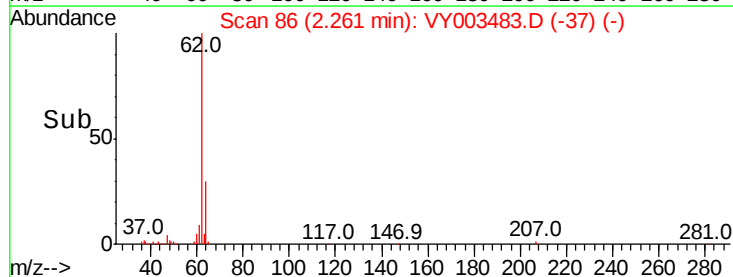
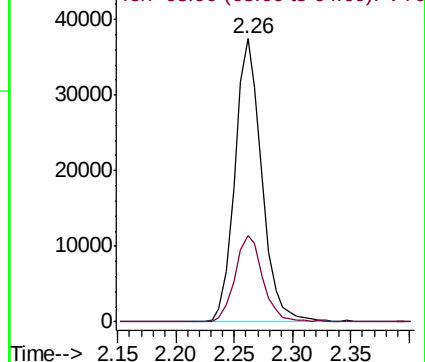
62 100

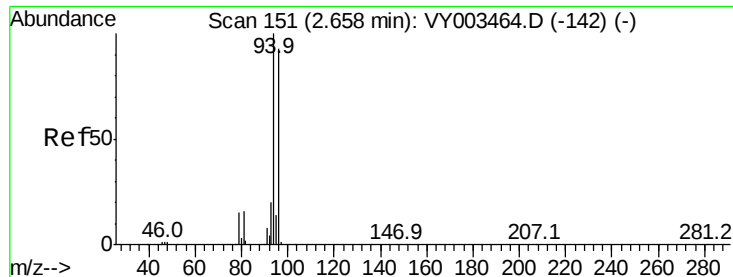
64 30.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.447 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

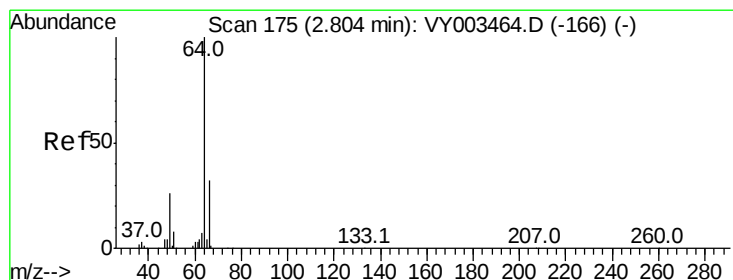
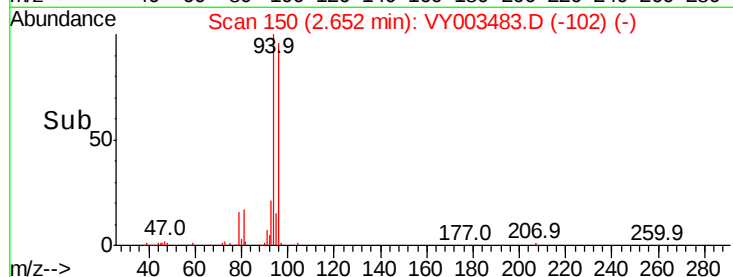
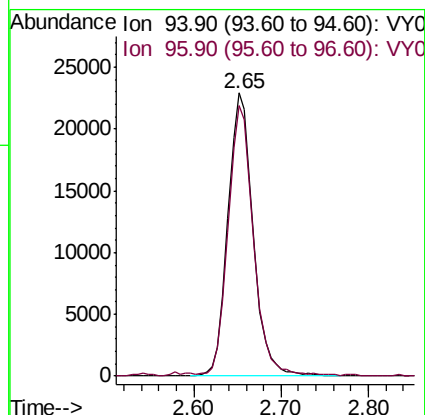
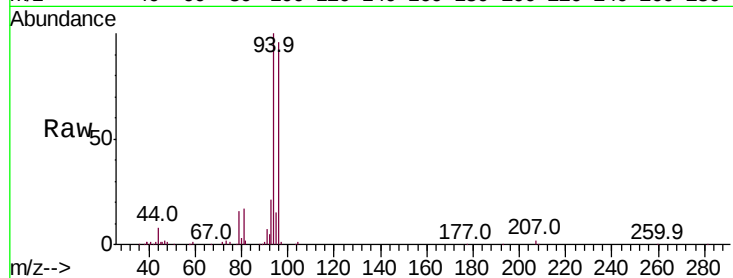
VY1103SBS01

Tot Ion: 94 Resp: 46017

Ion Ratio Lower Upper

94 100

96 95.3 74.6 112.0



#6

Chloroethane

Concen: 20.835 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003483.D

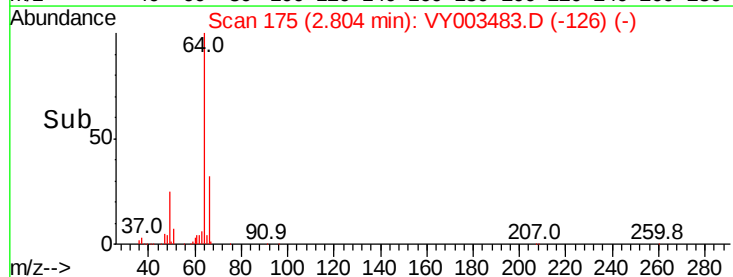
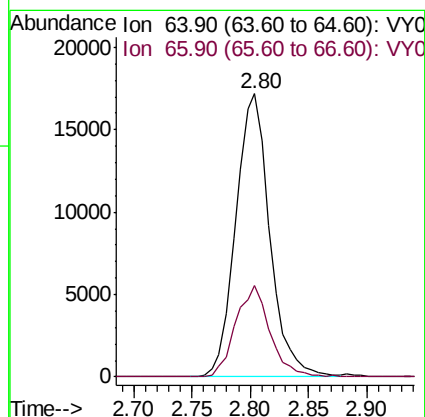
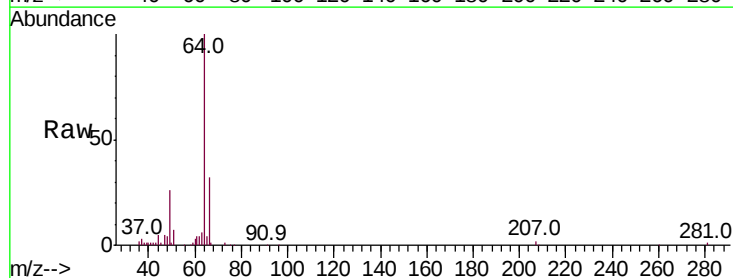
Acq: 03 Nov 2020 11:48

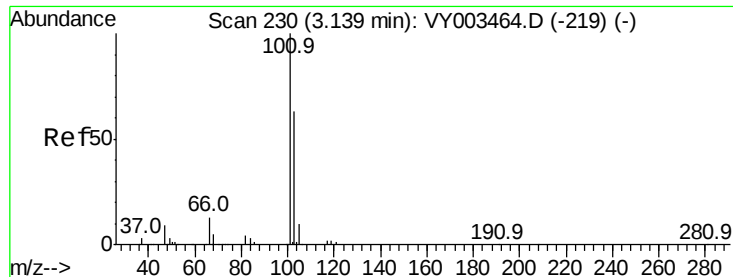
Tgt Ion: 64 Resp: 35170

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



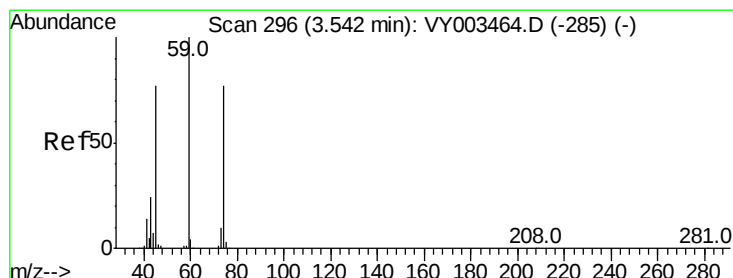
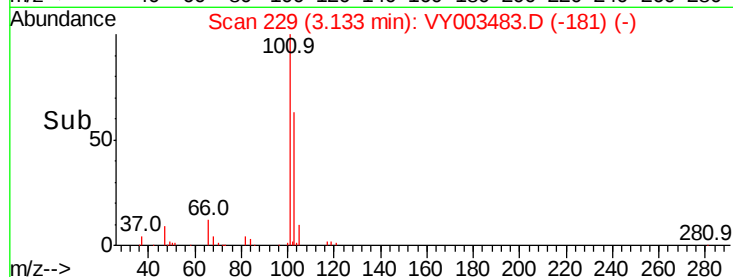
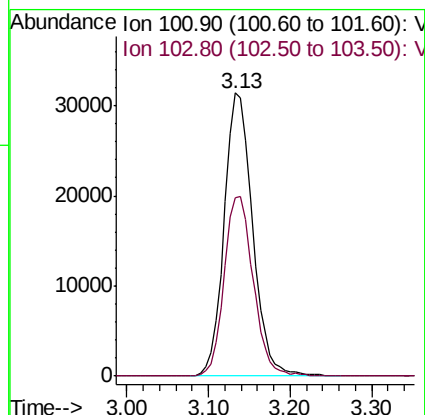
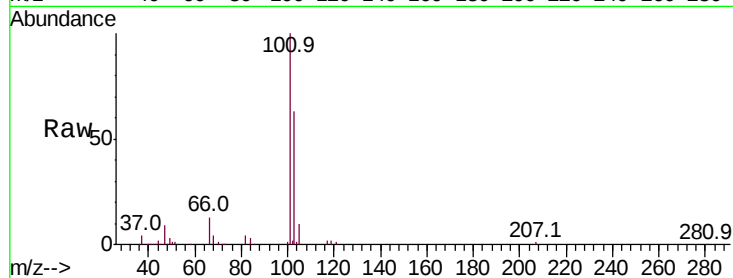


#7

Trichlorofluoromethane
Concen: 21.060 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

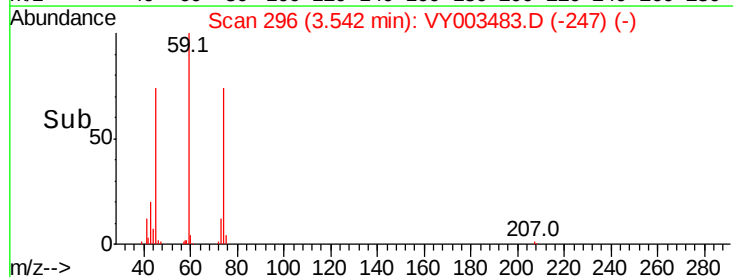
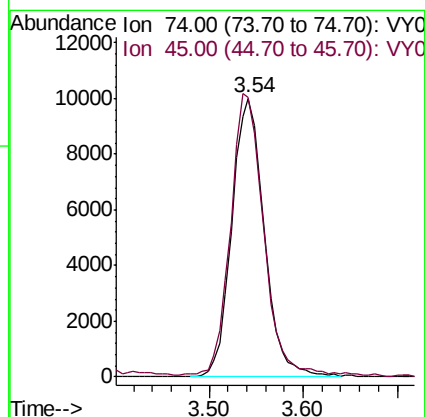
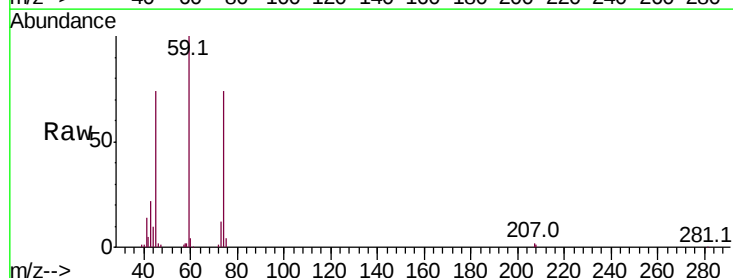
Tot Ion:101 Resp: 75709
Ion Ratio Lower Upper
101 100
103 63.1 50.7 76.1

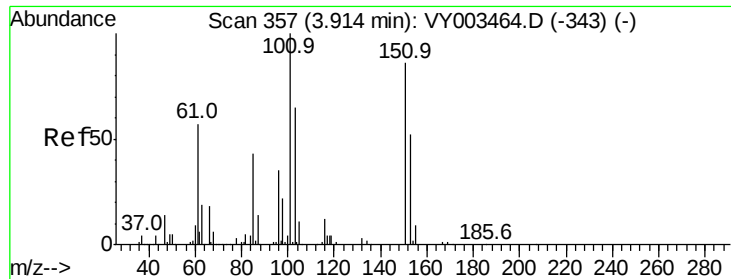


#8

Diethyl Ether
Concen: 21.692 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 74 Resp: 23913
Ion Ratio Lower Upper
74 100
45 103.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.393 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

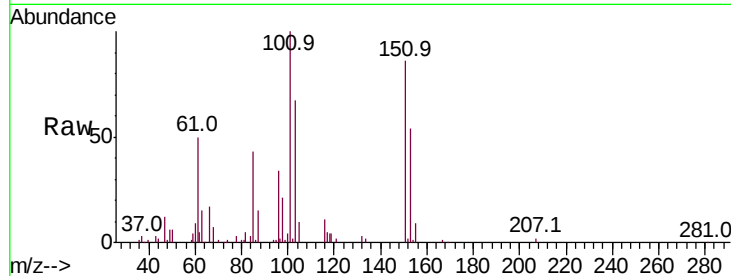
Tot Ion:101 Resp: 42505

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.8

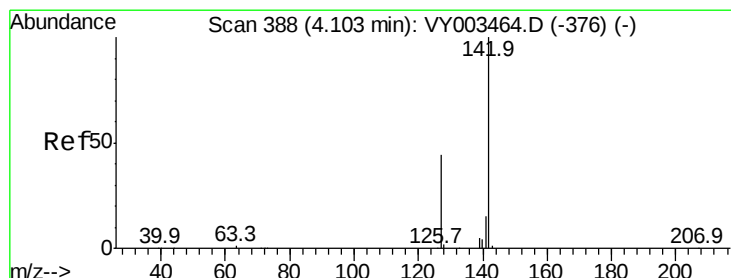
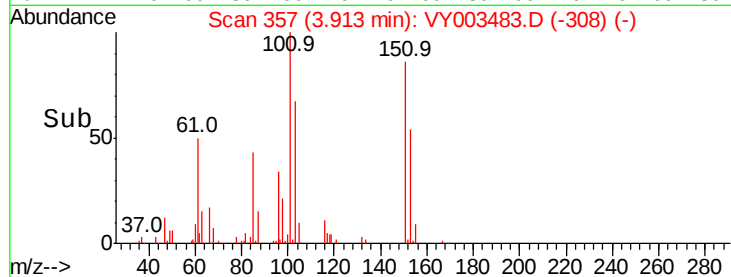
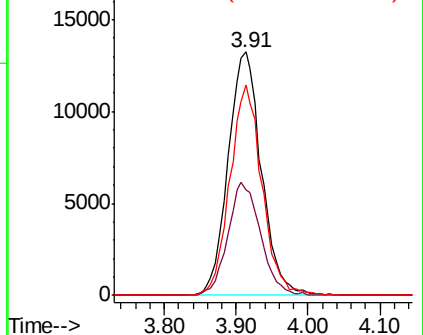
151 83.1 67.6 101.4



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: 22.260 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

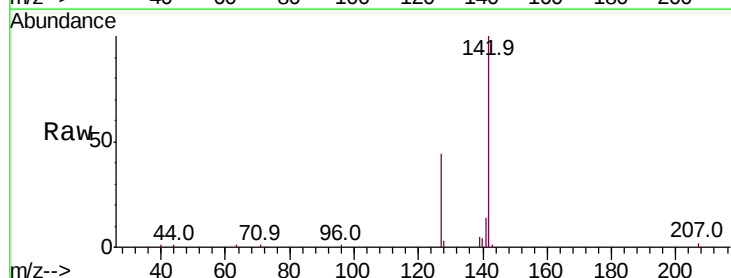
Tgt Ion:142 Resp: 39658

Ion Ratio Lower Upper

142 100

127 43.4 34.5 51.7

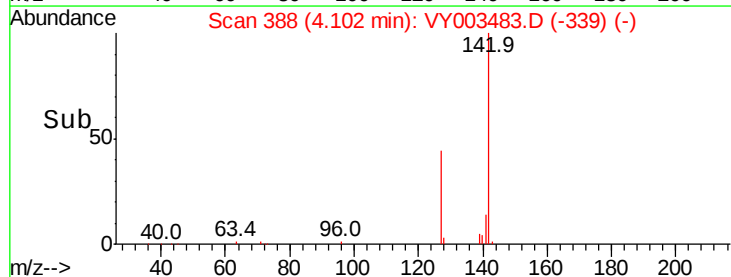
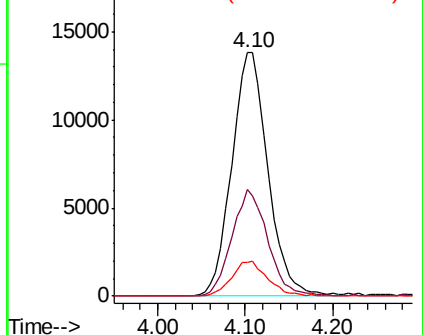
141 14.1 11.8 17.8

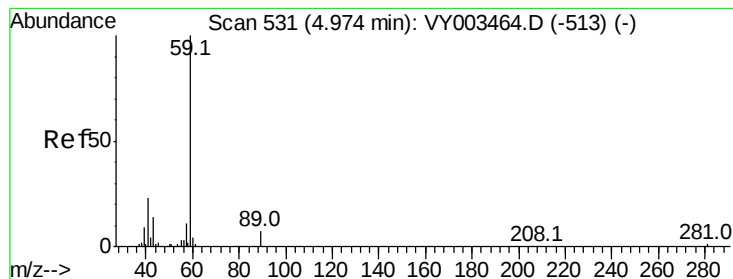


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.382 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

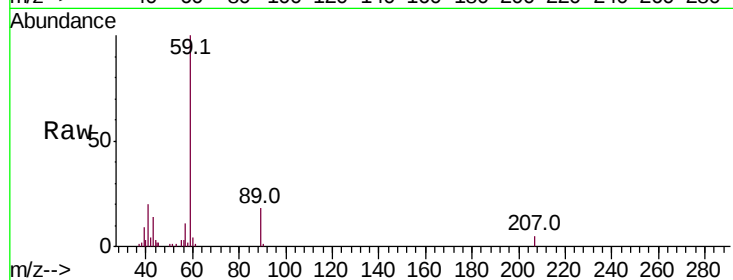
VY1103SBS01

Tot Ion: 59 Resp: 26961

Ion Ratio Lower Upper

59 100

57 8.7 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

6000

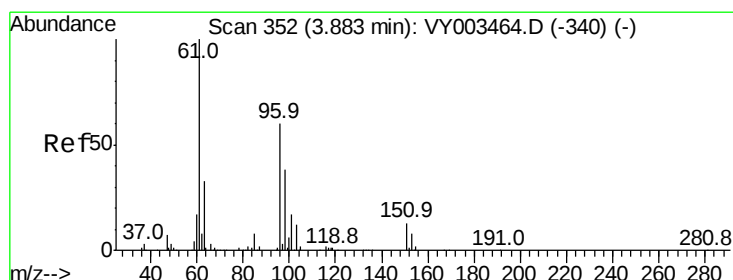
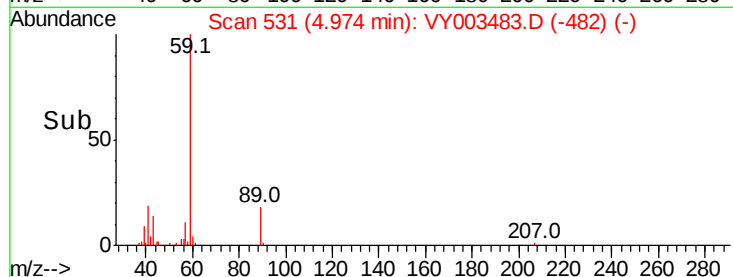
4000

2000

0

Time-->

4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 20.667 ug/l

RT: 3.88 min Scan# 352

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

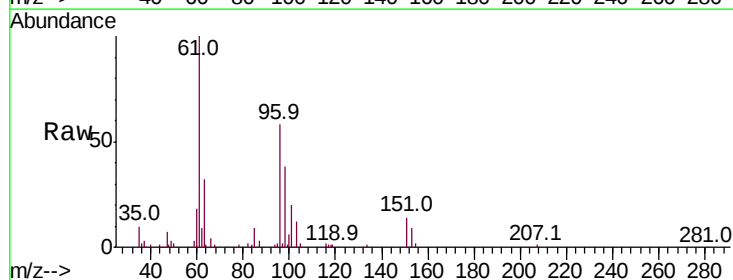
Tgt Ion: 96 Resp: 40855

Ion Ratio Lower Upper

96 100

61 171.4 133.6 200.4

98 65.7 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

3.88

30000

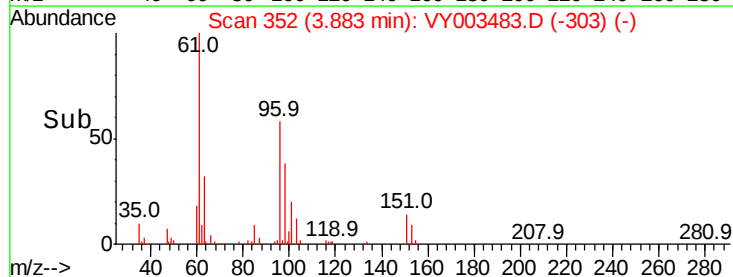
20000

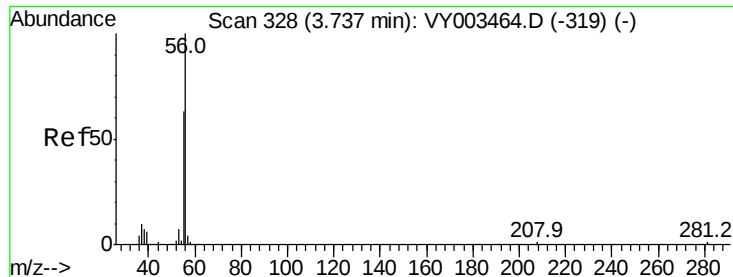
10000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 105.880 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

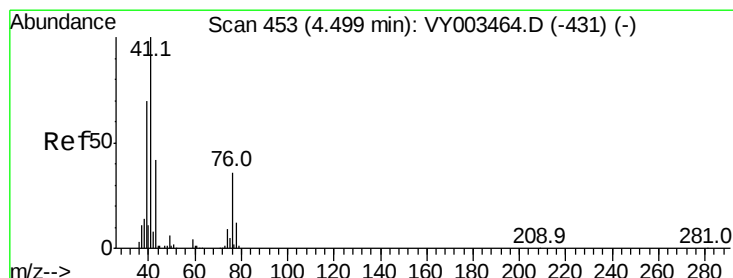
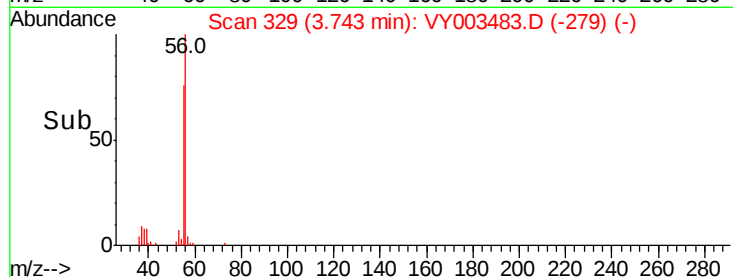
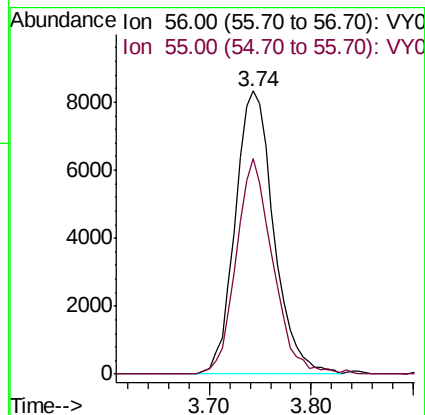
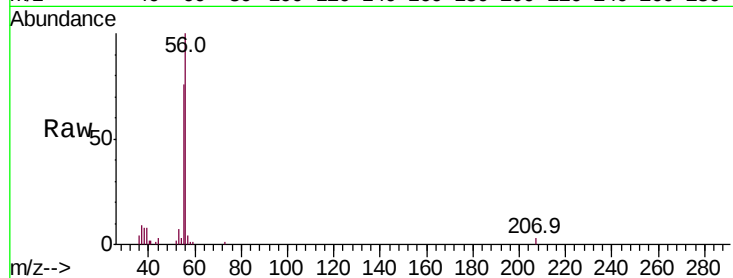
VY1103SBS01

Tot Ion: 56 Resp: 21820

Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



#14

Allyl chloride

Concen: 20.790 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

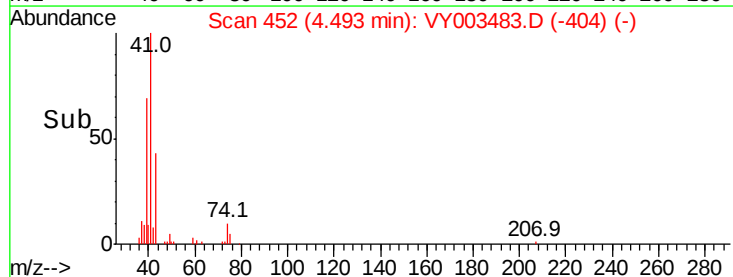
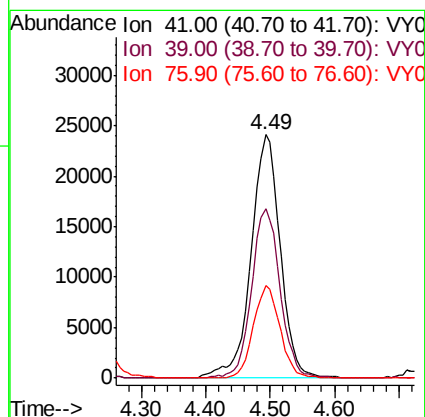
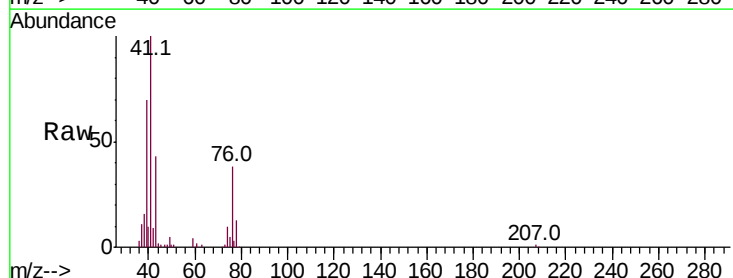
Tgt Ion: 41 Resp: 74982

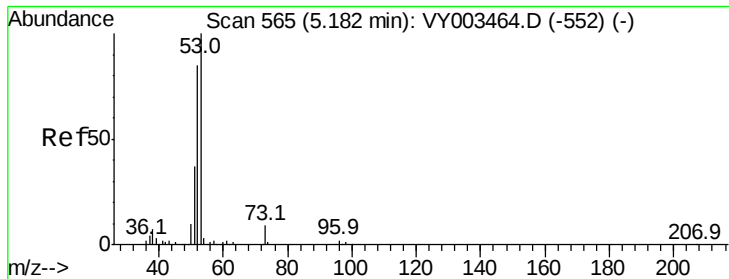
Ion Ratio Lower Upper

41 100

39 67.8 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 99.671 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

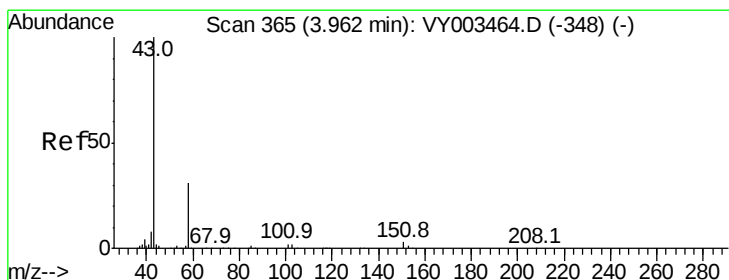
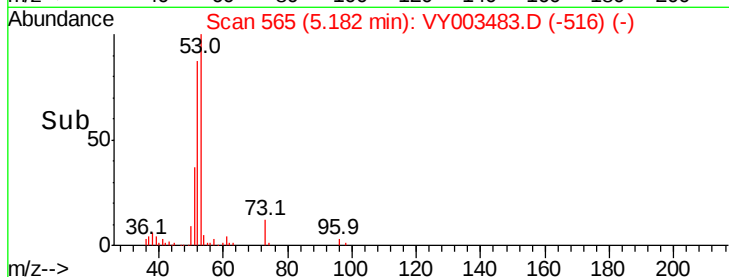
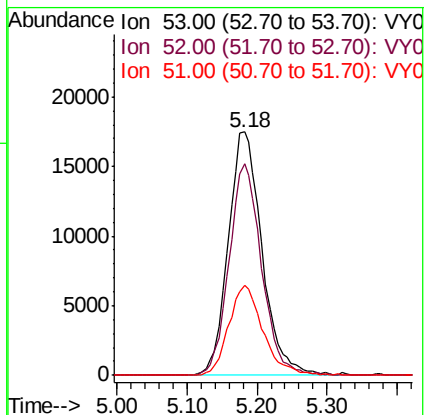
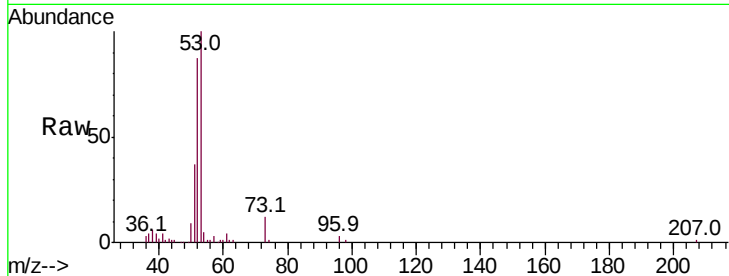
Tot Ion: 53 Resp: 58651

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

51 37.4 29.3 43.9



#16

Acetone

Concen: 91.391 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003483.D

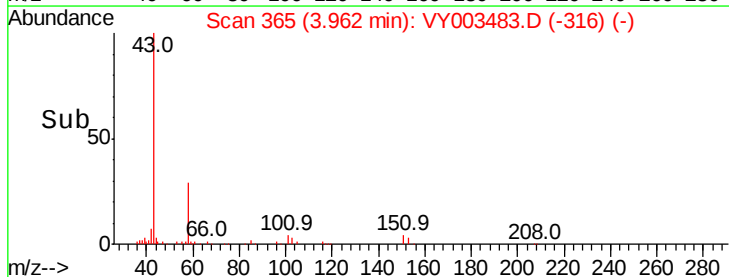
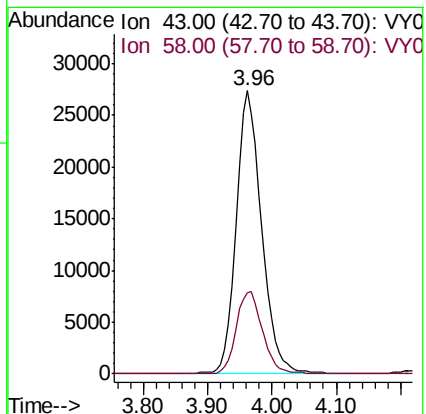
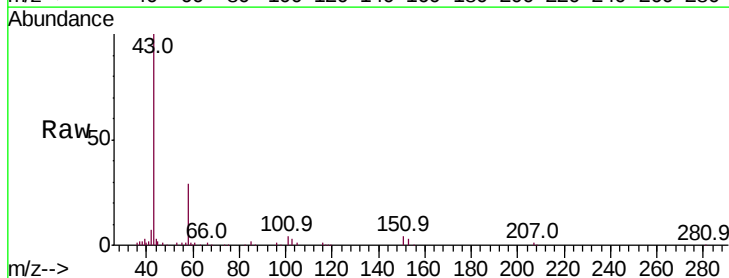
Acq: 03 Nov 2020 11:48

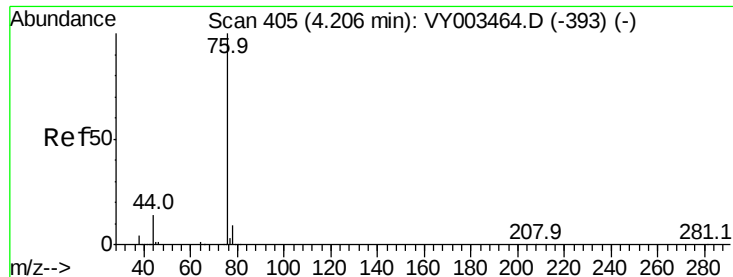
Tgt Ion: 43 Resp: 74866

Ion Ratio Lower Upper

43 100

58 28.8 25.0 37.4





#17

Carbon Disulfide

Concen: 21.002 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

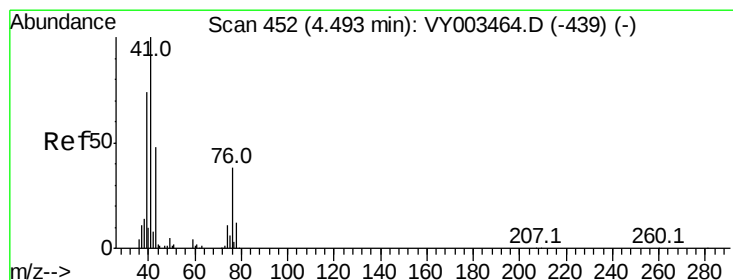
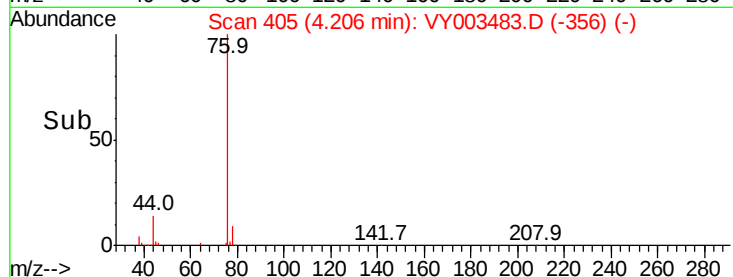
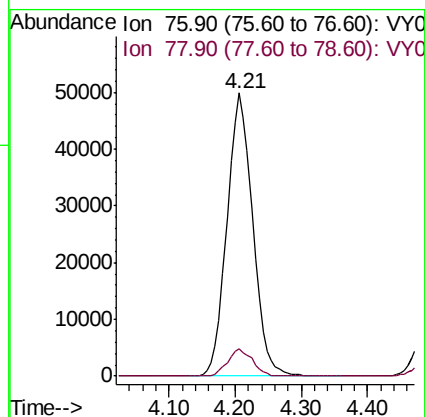
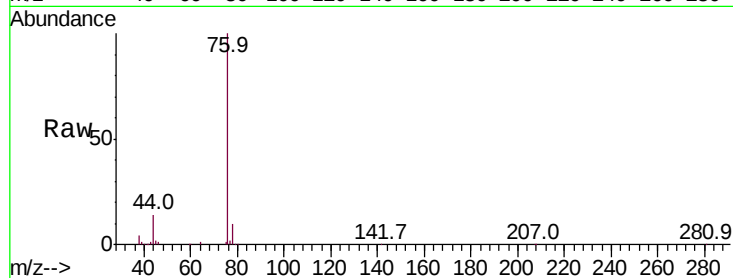
VY1103SBS01

Tot Ion: 76 Resp: 134502

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2



#18

Methyl Acetate

Concen: 19.911 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003483.D

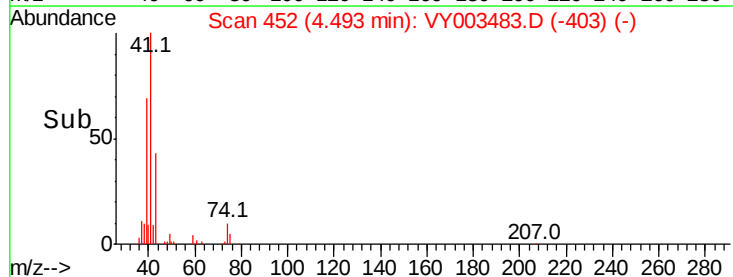
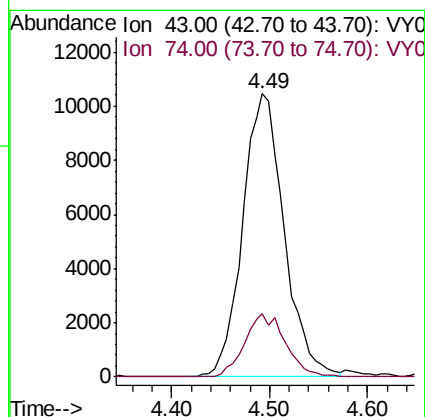
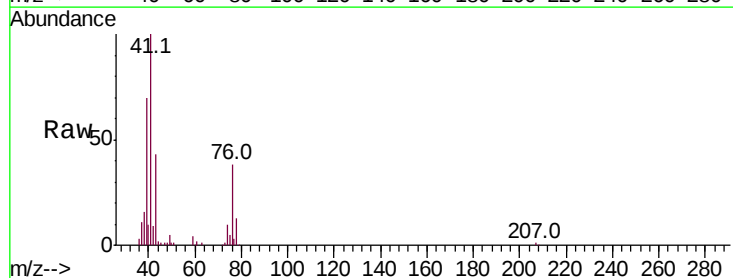
Acq: 03 Nov 2020 11:48

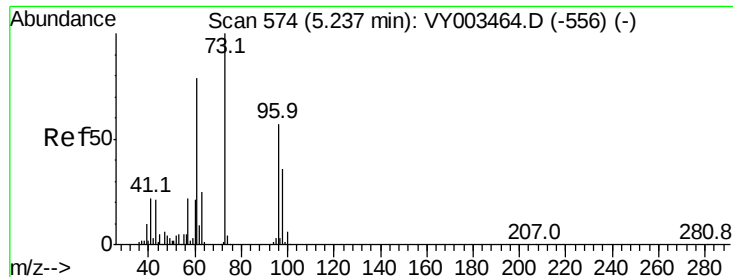
Tgt Ion: 43 Resp: 30824

Ion Ratio Lower Upper

43 100

74 21.9 18.4 27.6

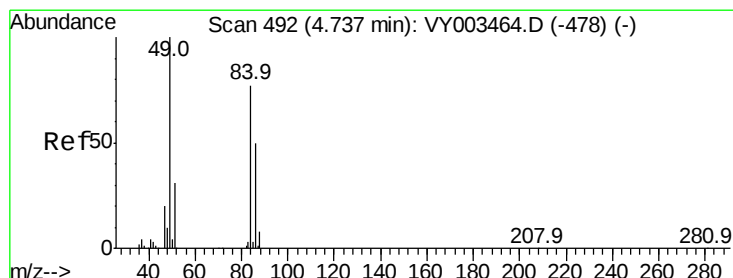
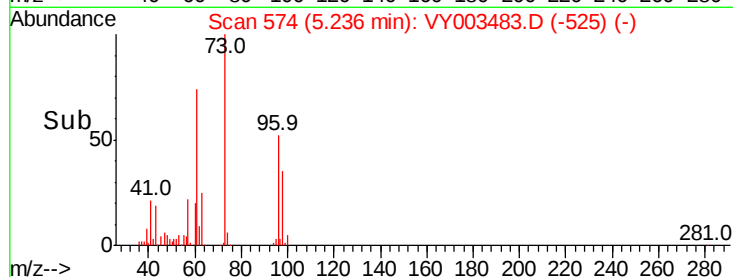
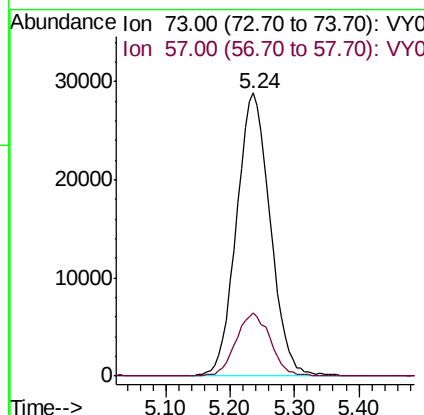
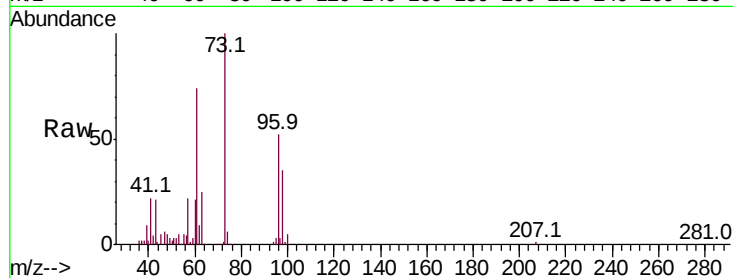




#19
Methvl tert-butvl Ether
Concen: 21.354 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

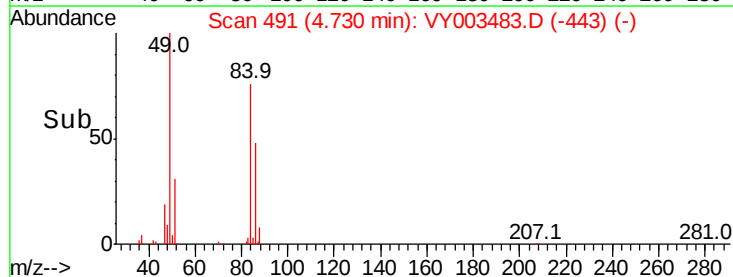
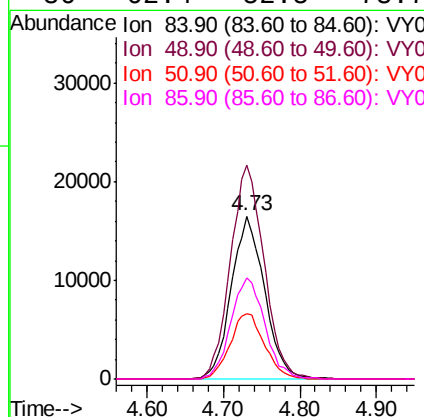
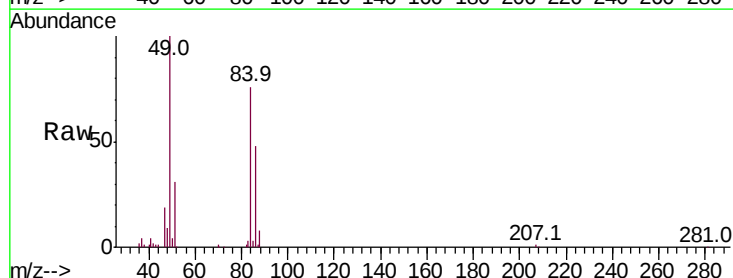
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

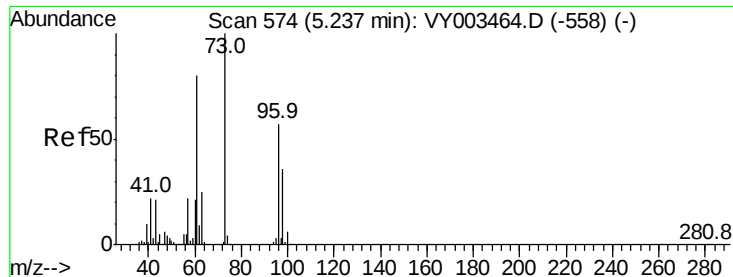
Tot Ion: 73 Resp: 104555
Ion Ratio Lower Upper
73 100
57 22.4 17.2 25.8



#20
Methylene Chloride
Concen: 21.526 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 84 Resp: 49660
Ion Ratio Lower Upper
84 100
49 131.1 104.3 156.5
51 40.0 32.5 48.7
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.690 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

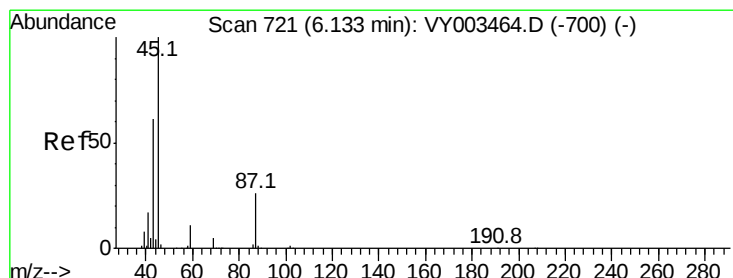
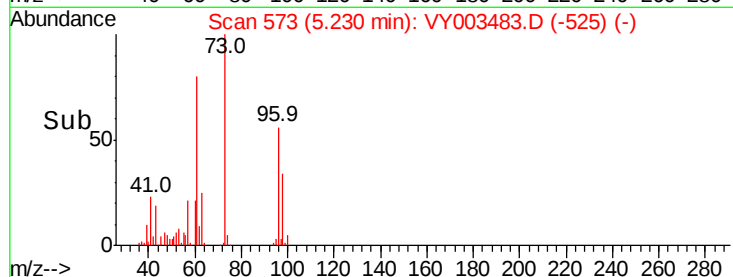
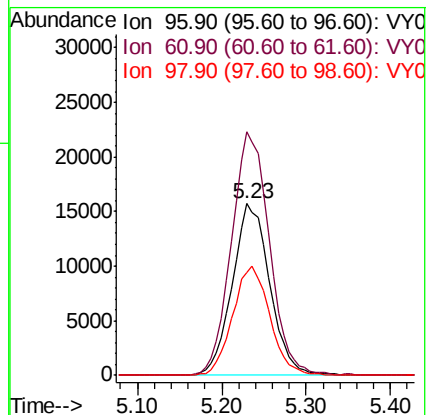
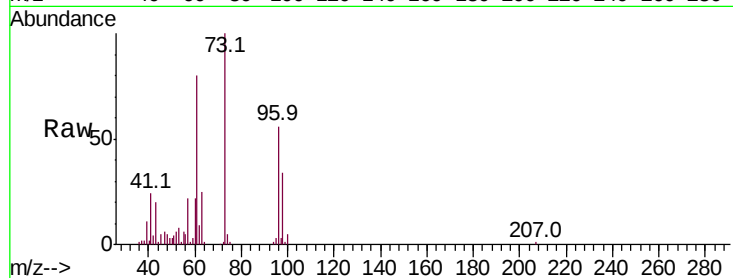
Tot Ion: 96 Resp: 47361

Ion Ratio Lower Upper

96 100

61 141.8 111.3 166.9

98 60.1 50.3 75.5



#22

Diisopropyl ether

Concen: 21.717 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Tgt Ion: 45 Resp: 137382

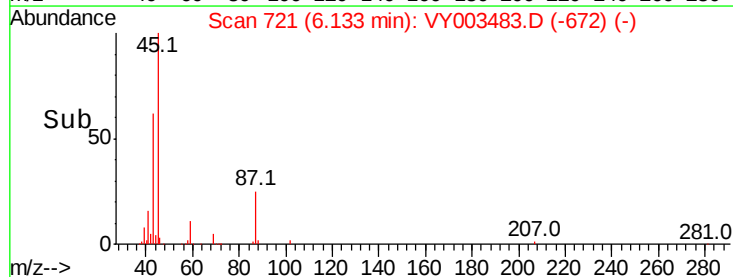
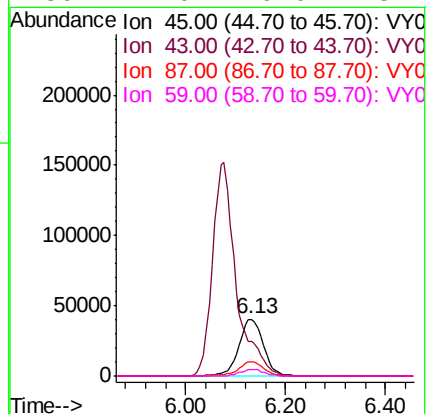
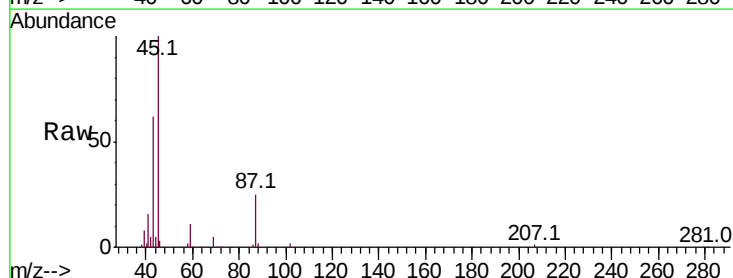
Ion Ratio Lower Upper

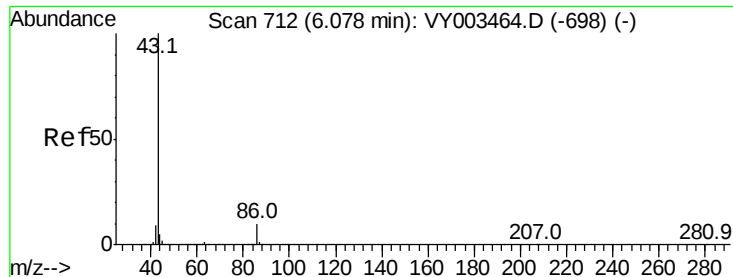
45 100

43 61.8 48.8 73.2

87 24.7 20.6 31.0

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 105.478 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

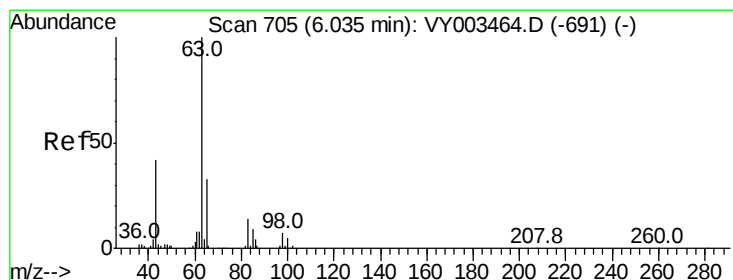
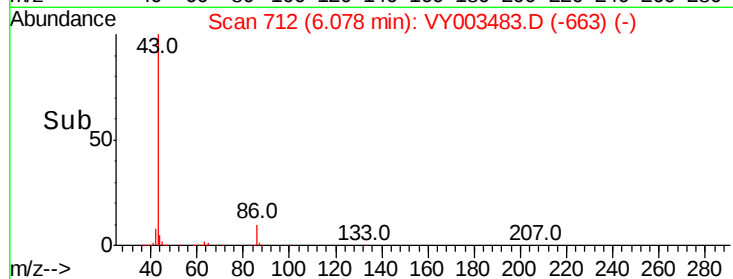
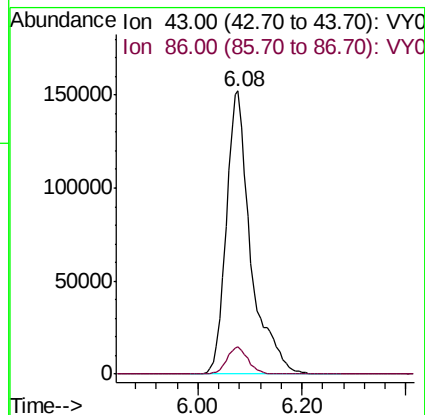
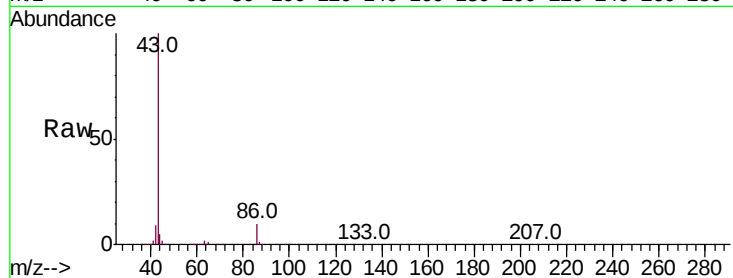
VY1103SBS01

Tot Ion: 43 Resp: 501403

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.2



#24

1,1-Dichloroethane

Concen: 21.255 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

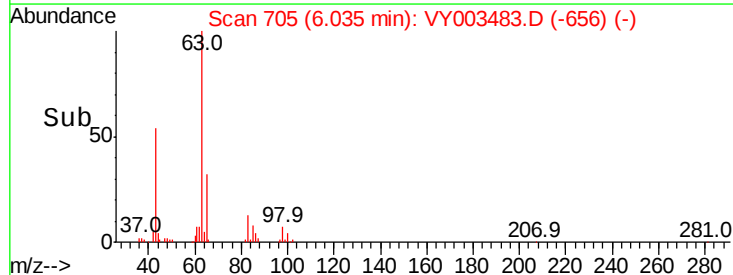
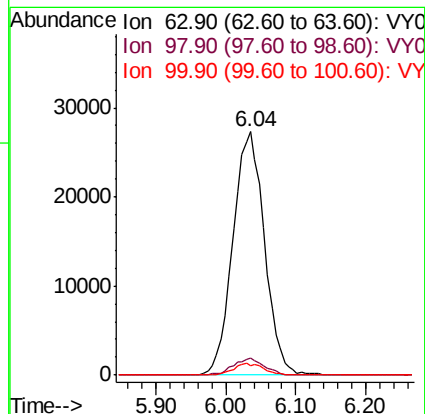
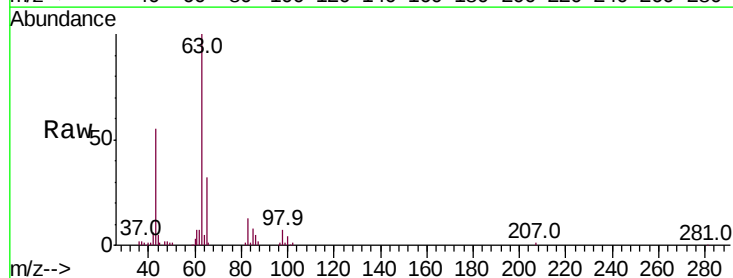
Tgt Ion: 63 Resp: 85442

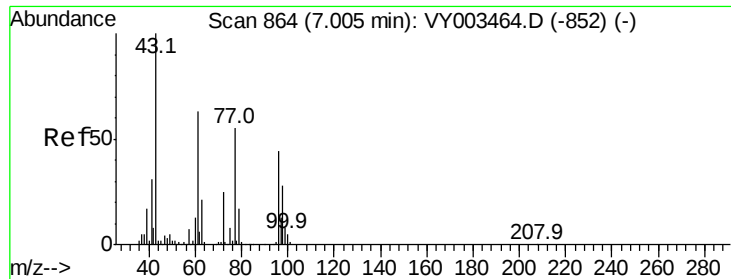
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 96.823 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

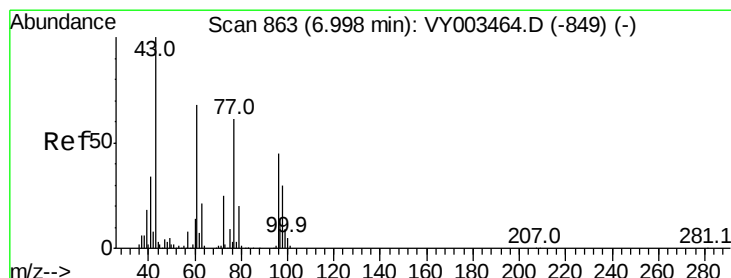
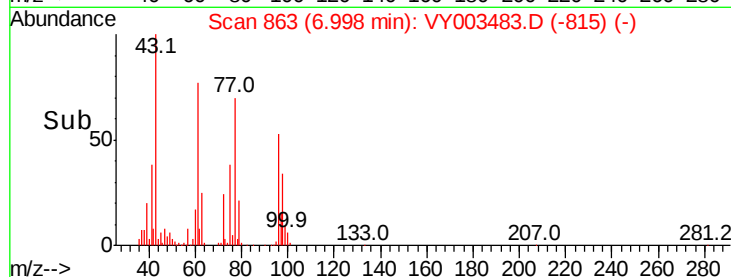
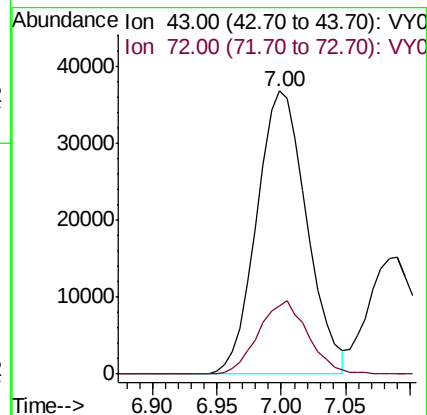
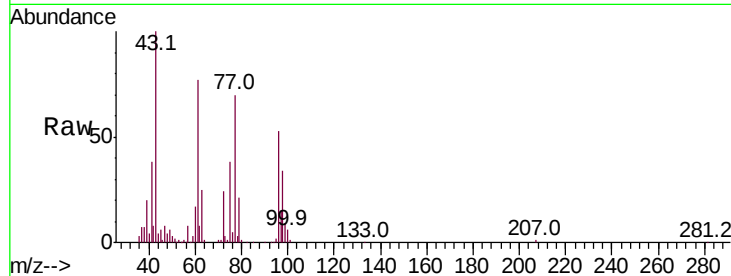
VY1103SBS01

Tot Ion: 43 Resp: 99201

Ion Ratio Lower Upper

43 100

72 24.3 20.1 30.1



#26

2,2-Dichloropropane

Concen: 21.354 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003483.D

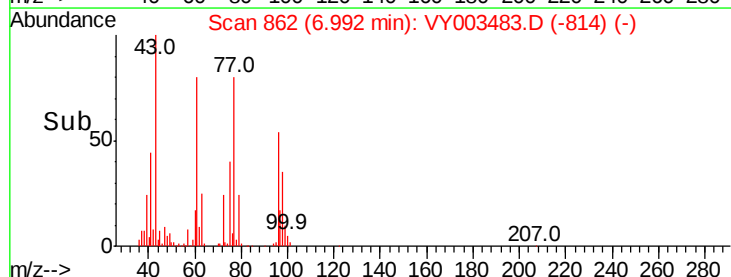
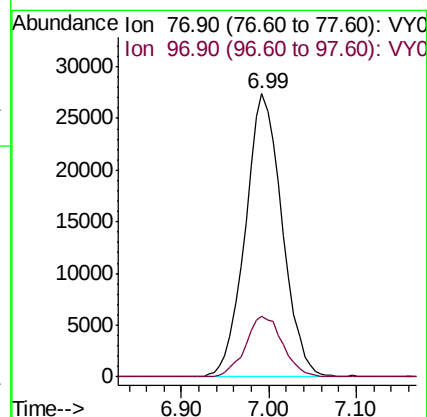
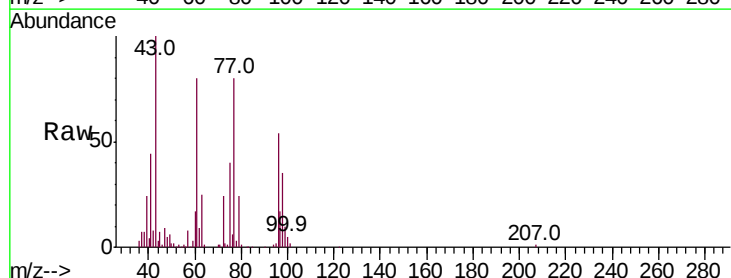
Acq: 03 Nov 2020 11:48

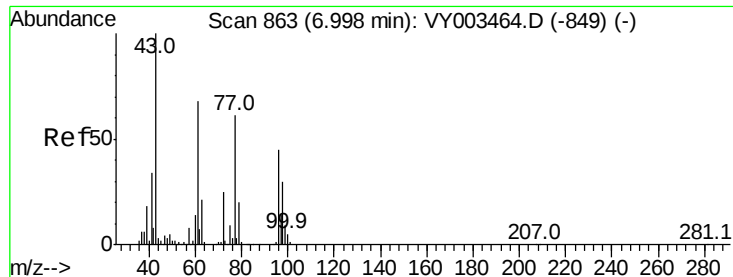
Tgt Ion: 77 Resp: 79970

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6



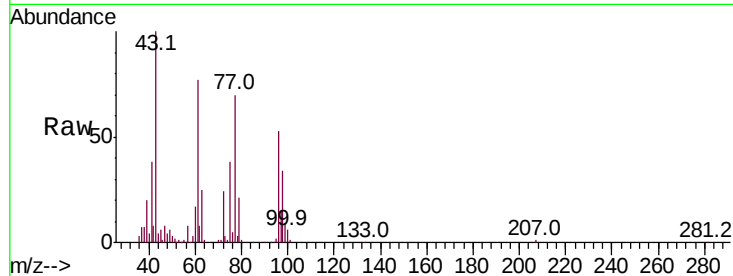


#27

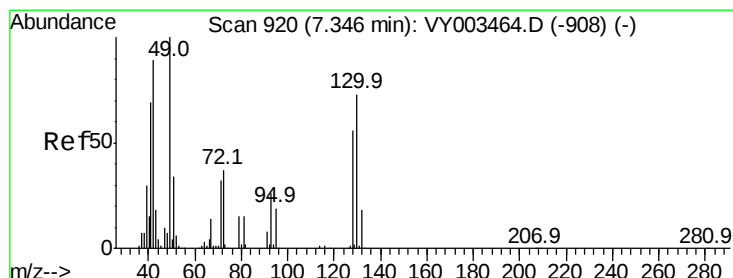
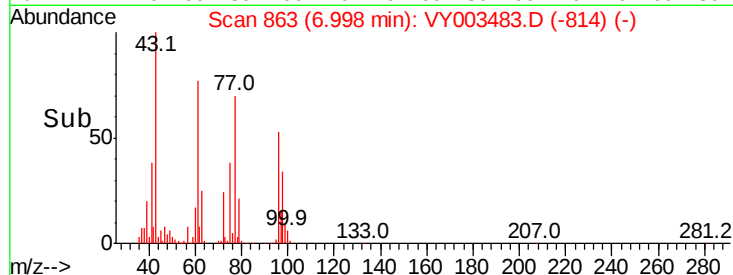
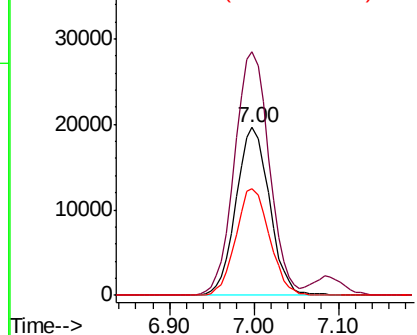
cis-1,2-Dichloroethene
Concen: 21.302 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion: 96 Resp: 52837
Ion Ratio Lower Upper
96 100
61 149.9 0.0 299.2
98 63.9 0.0 128.6



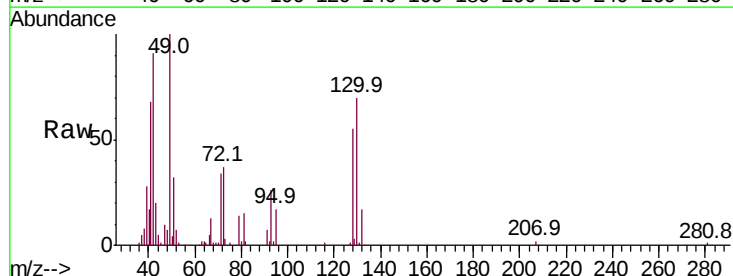
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



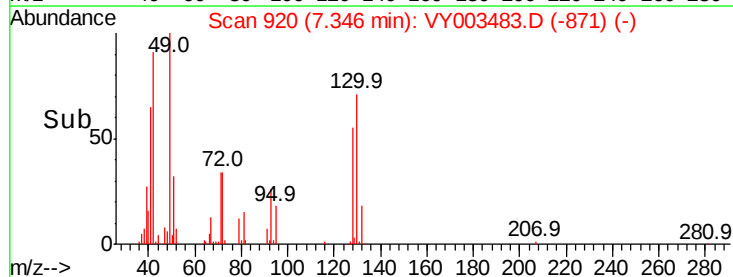
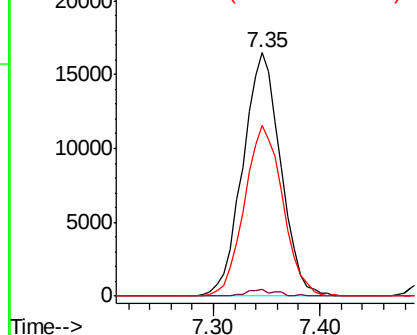
#28

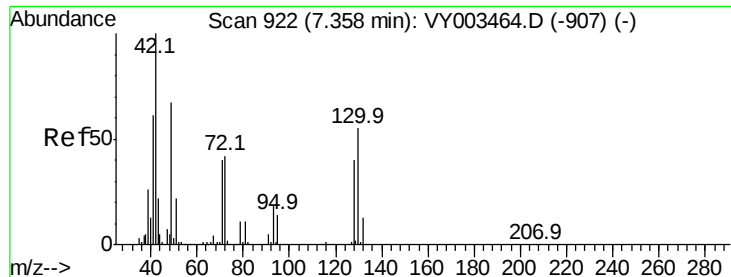
Bromochloromethane
Concen: 20.322 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 49 Resp: 41097
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 71.2 60.0 90.0



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.922 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

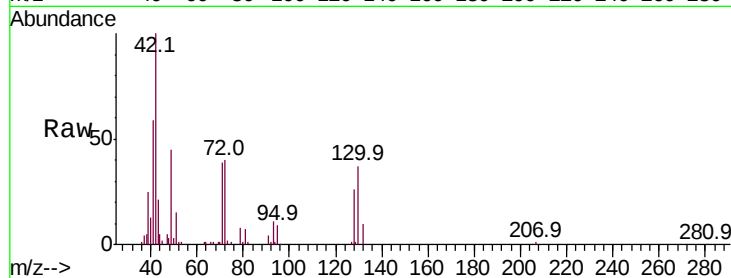
Tot Ion: 42 Resp: 53495

Ion Ratio Lower Upper

42 100

72 40.7 32.8 49.2

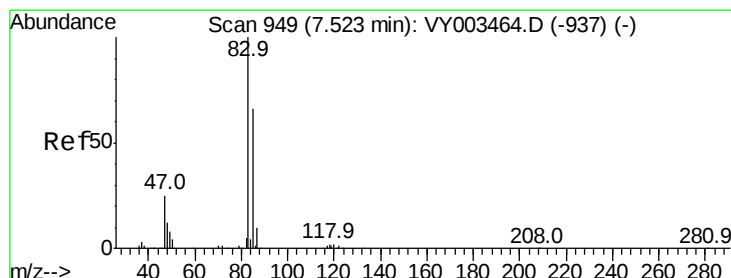
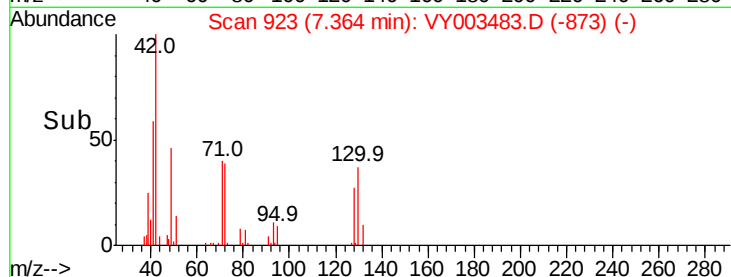
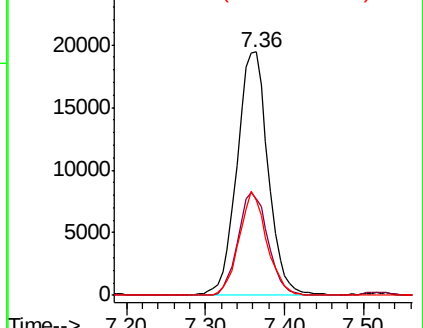
71 38.1 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.237 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003483.D

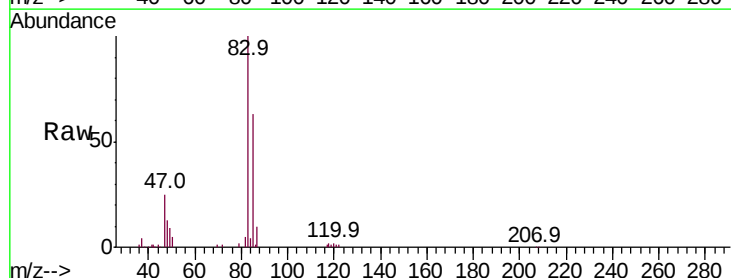
Acq: 03 Nov 2020 11:48

Tgt Ion: 83 Resp: 83849

Ion Ratio Lower Upper

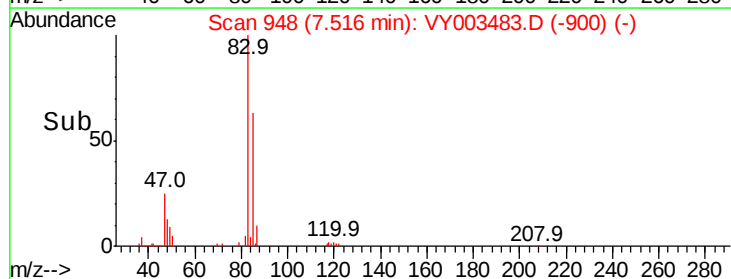
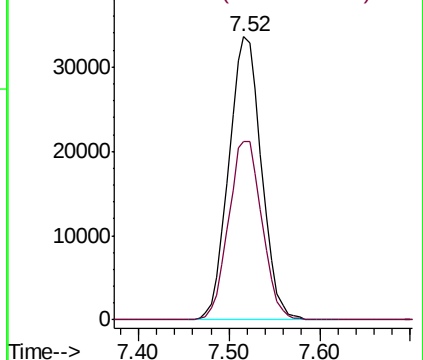
83 100

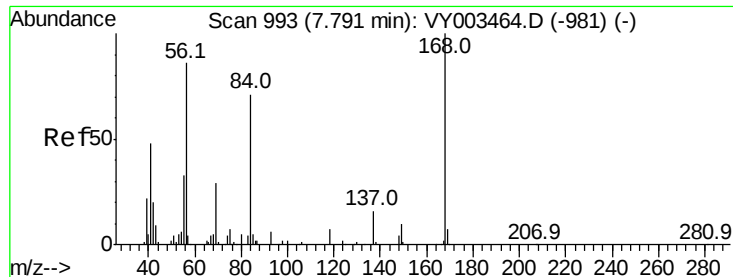
85 63.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

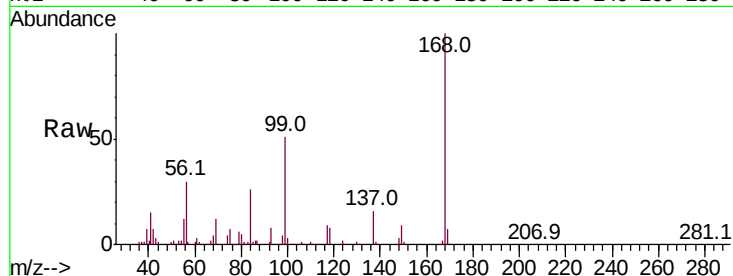




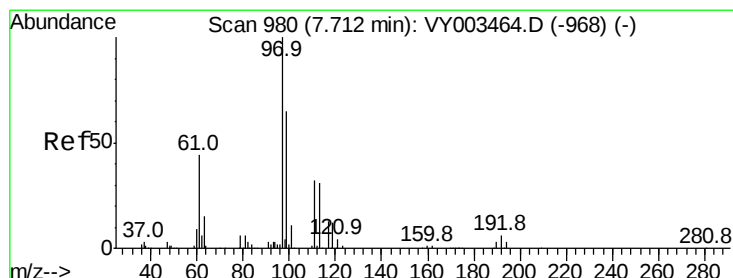
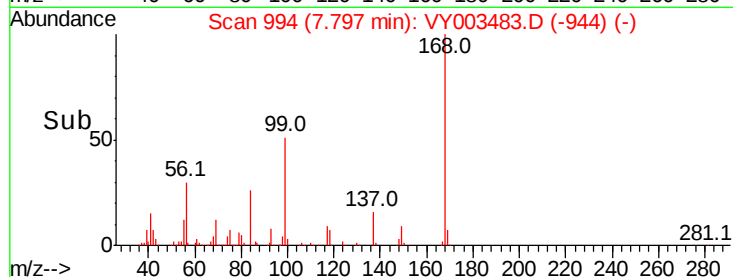
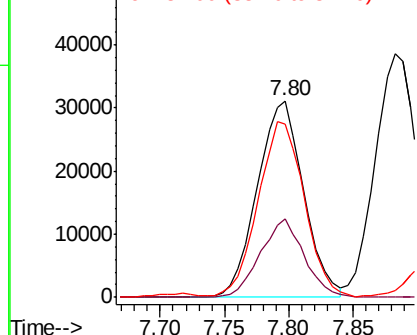
#31
Cyclohexane
Concen: 20.857 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion: 56 Resp: 77631
Ion Ratio Lower Upper
56 100
69 39.7 26.6 39.8
84 86.3 65.9 98.9

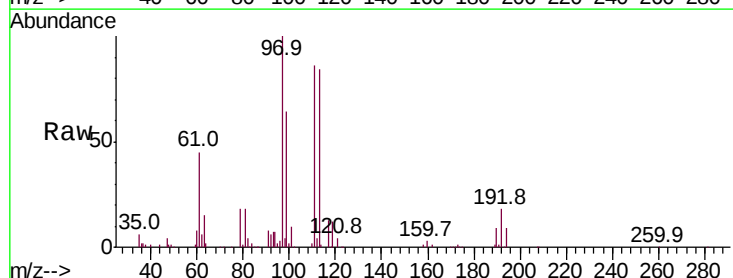


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

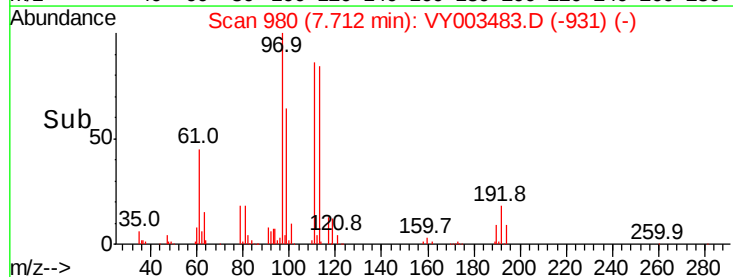
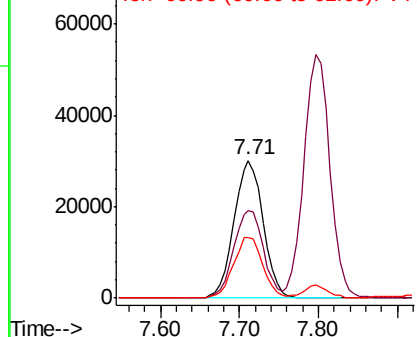


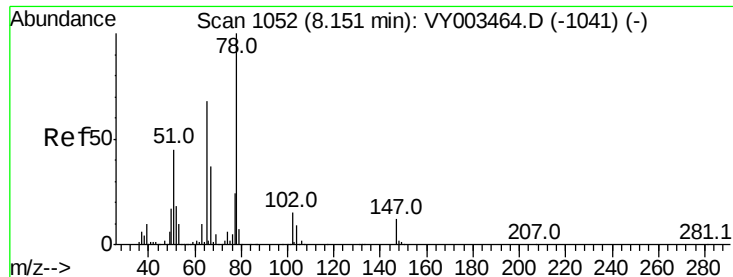
#32
1,1,1-Trichloroethane
Concen: 21.021 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 97 Resp: 77429
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 44.6 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

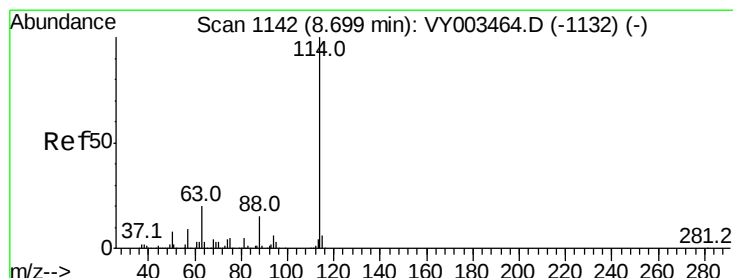
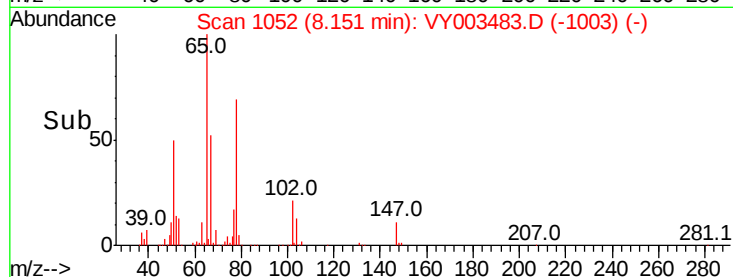
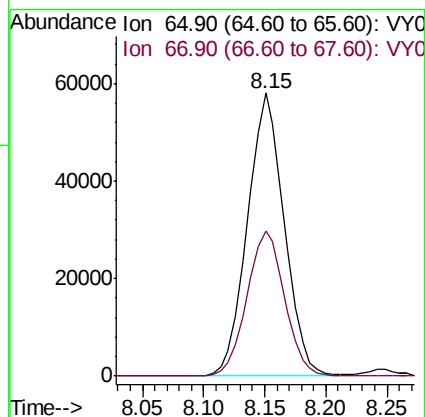
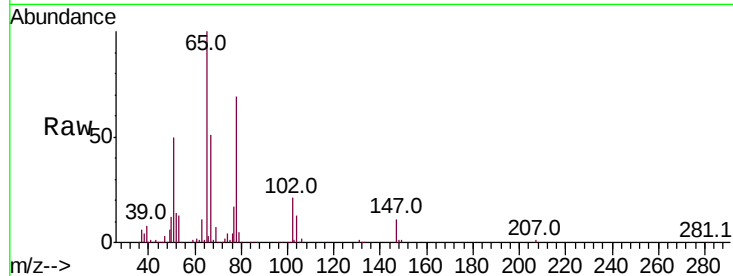




#33
 1,2-Dichloroethane-d4
 Concen: 48.956 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

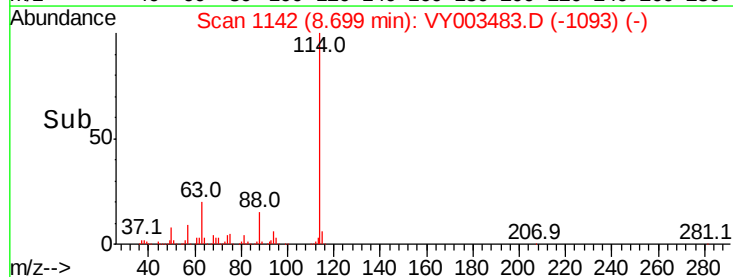
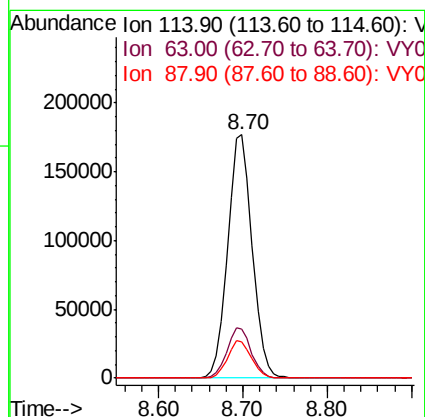
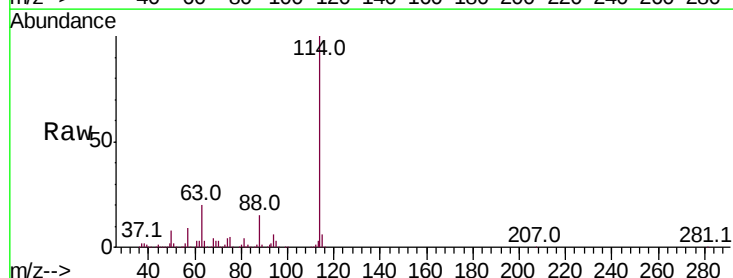
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

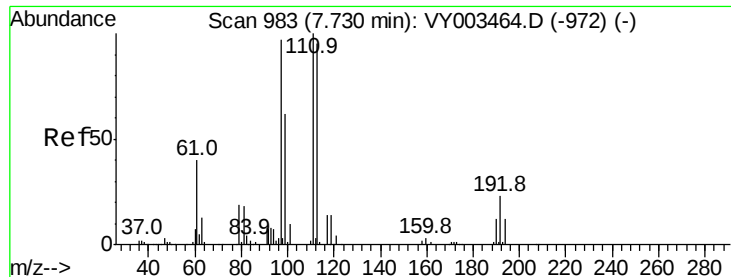
Tot Ion: 65 Resp: 121570
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion: 114 Resp: 350764
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 14.8 0.0 29.4

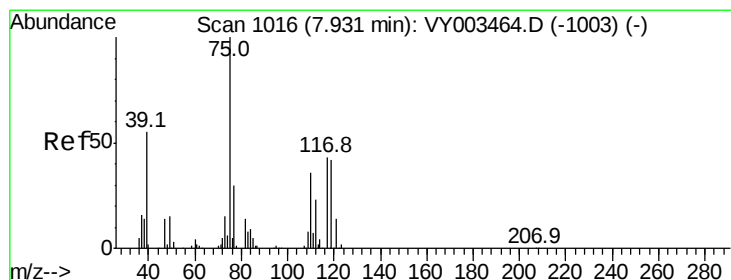
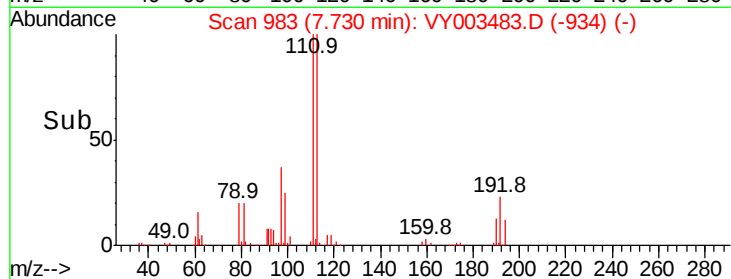
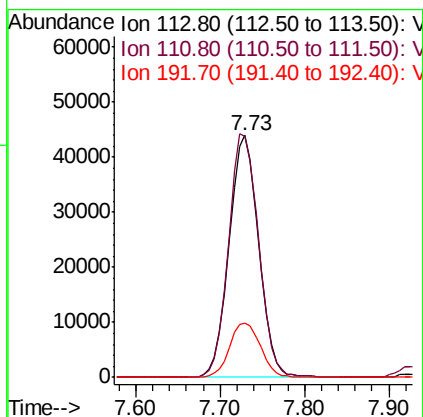
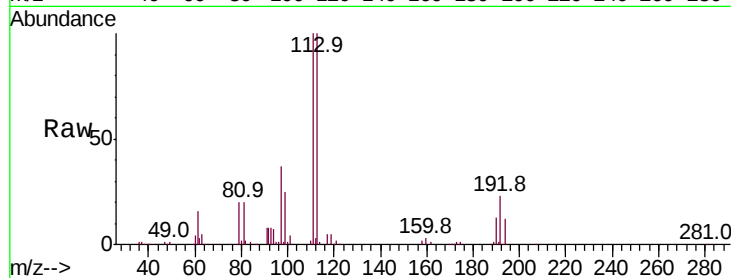




#35
 Dibromofluoromethane
 Concen: 48.976 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

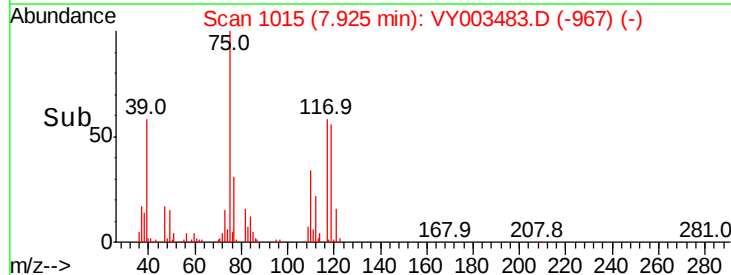
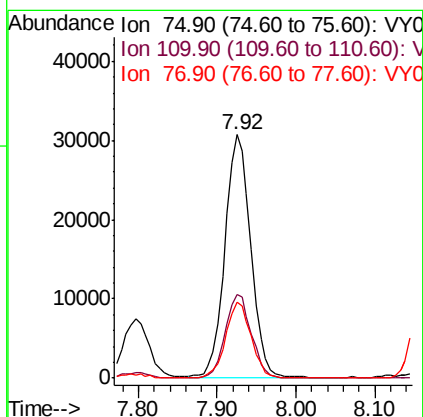
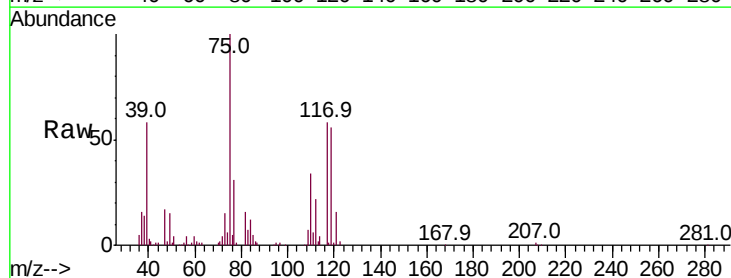
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

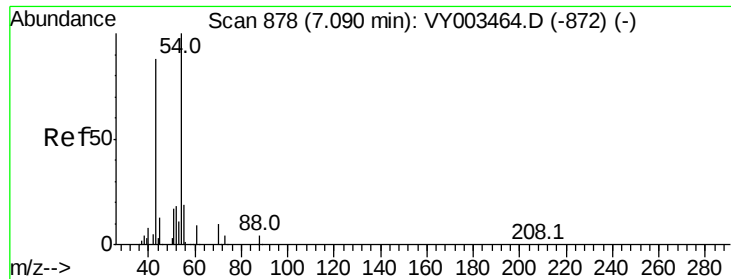
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	23.6	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 21.279 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.6	52.9
77	30.5	24.7	37.1

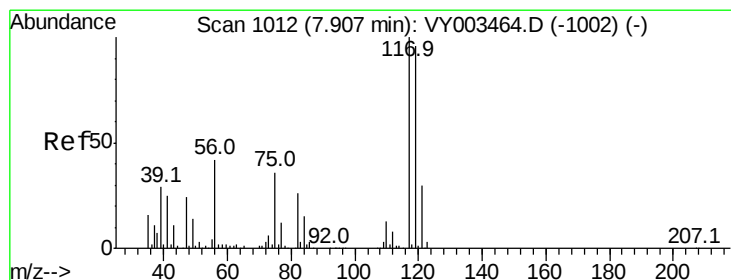
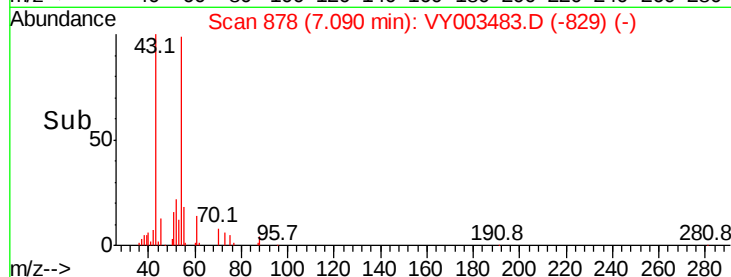
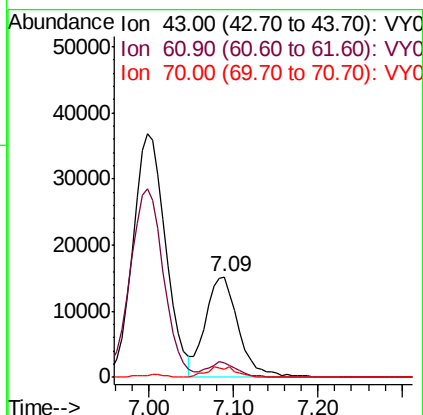
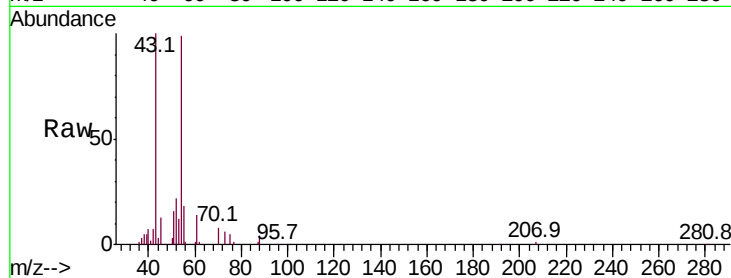




#37
Ethyl Acetate
Concen: 20.323 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

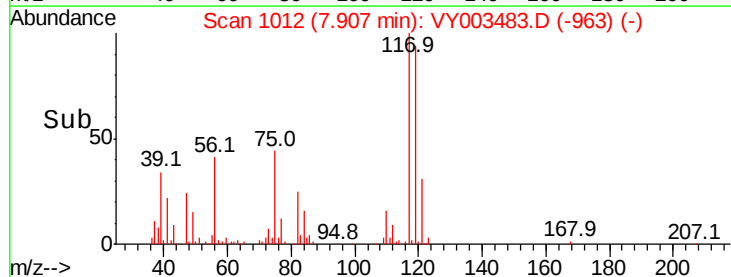
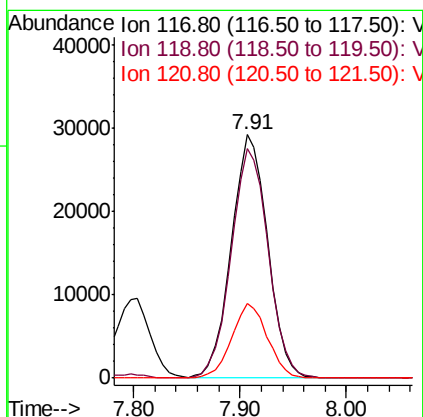
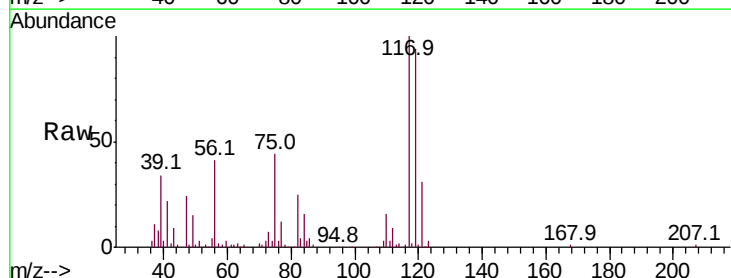
Instrument :
MSVOA_Y
ClientSampleID :
VY1103SBS01

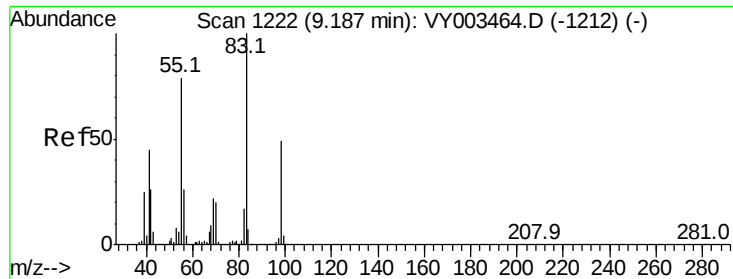
Tot Ion: 43 Resp: 41736
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.409 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 117 Resp: 70021
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4
121 30.7 24.2 36.4

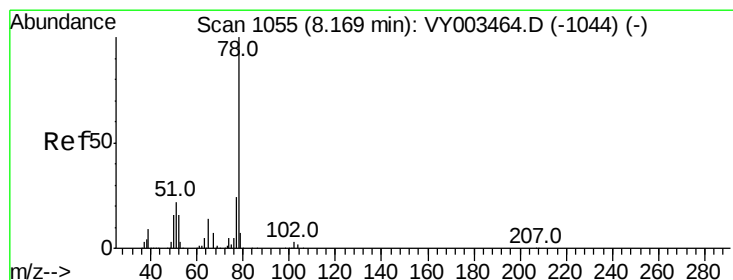
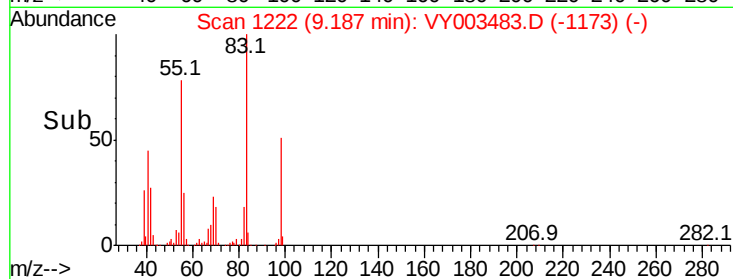
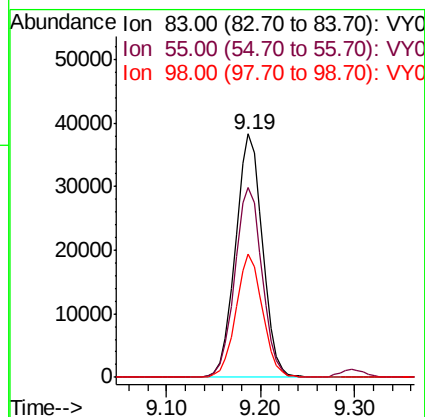
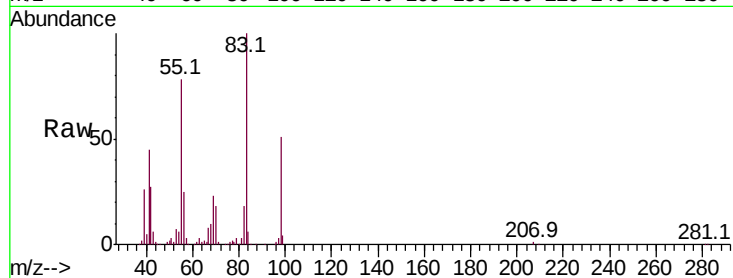




#39
Methvlcvclohexane
Concen: 20.713 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

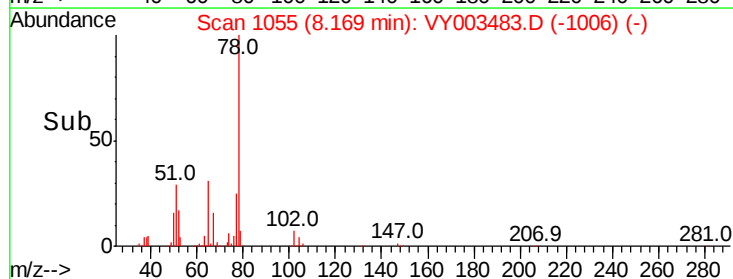
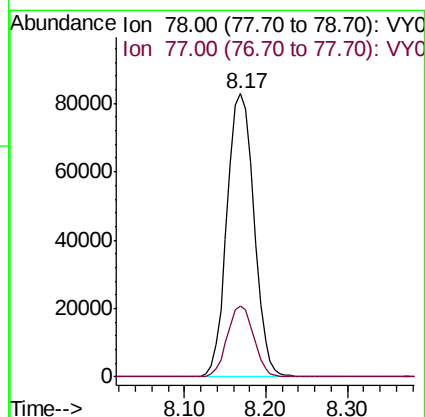
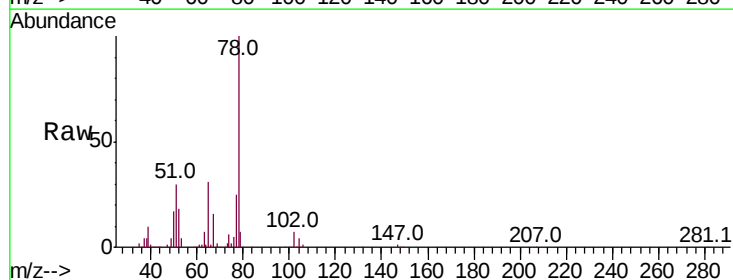
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

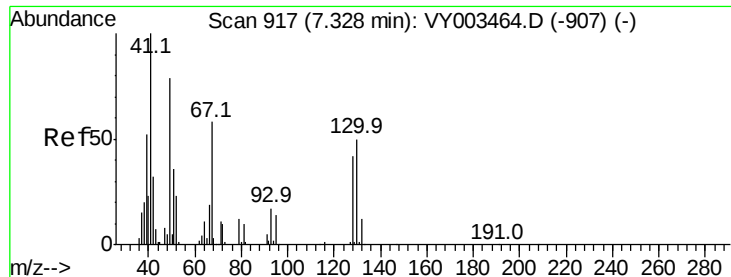
Tot Ion: 83 Resp: 76276
Ion Ratio Lower Upper
83 100
55 78.2 63.5 95.3
98 50.6 39.4 59.2



#40
Benzene
Concen: 20.661 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 78 Resp: 190153
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0

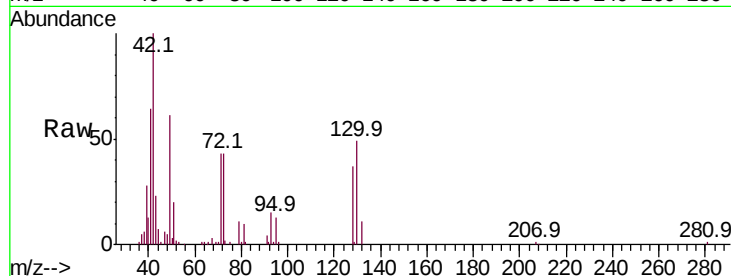




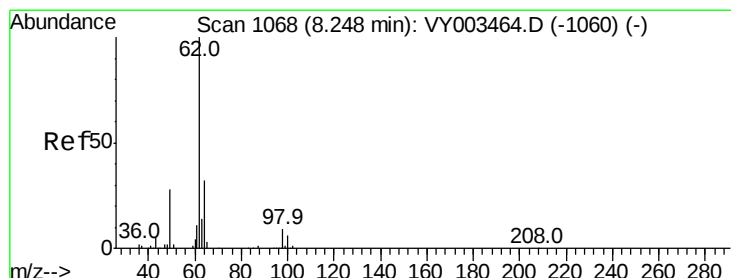
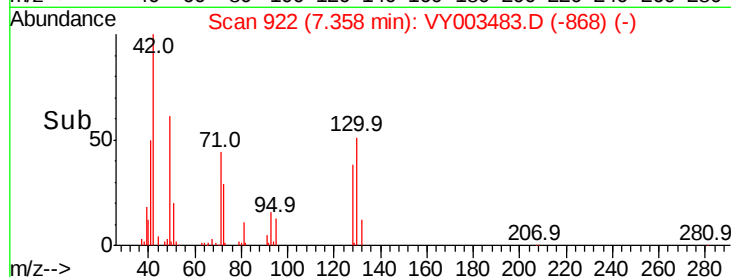
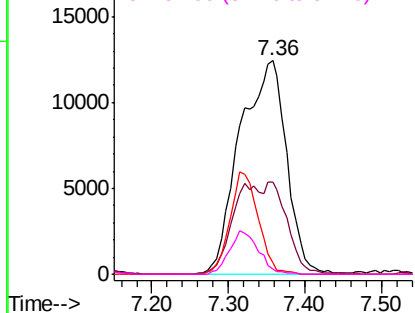
#41
Methacrylonitrile
Concen: 47.915 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion:	41	Resp:	52545
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

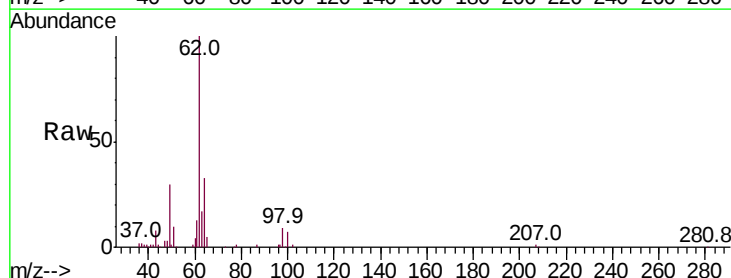


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

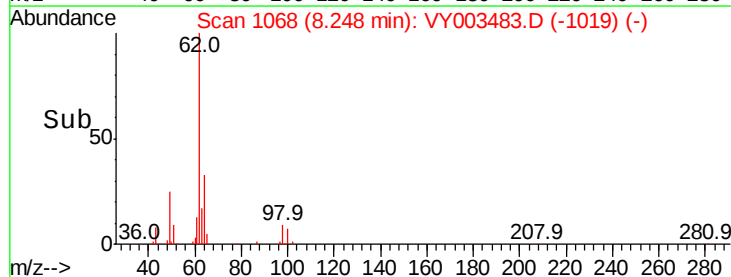
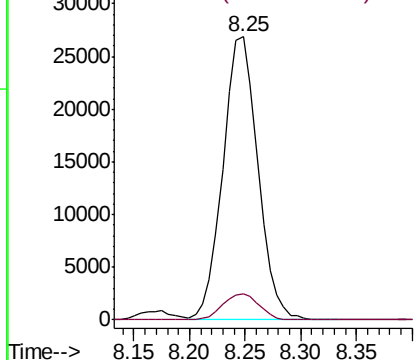


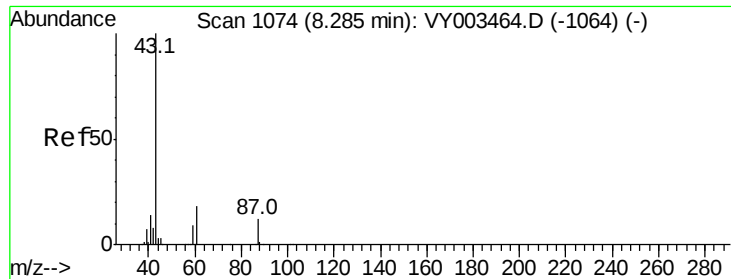
#42
1,2-Dichloroethane
Concen: 20.355 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion:	62	Resp:	58698
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2



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

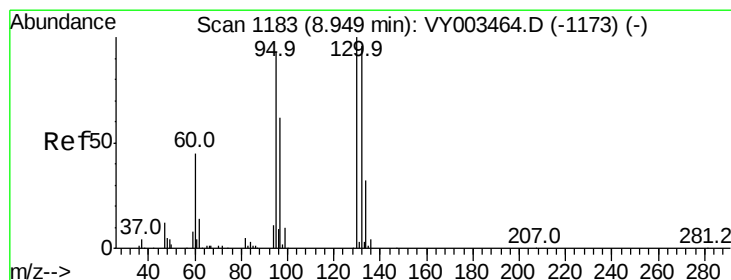
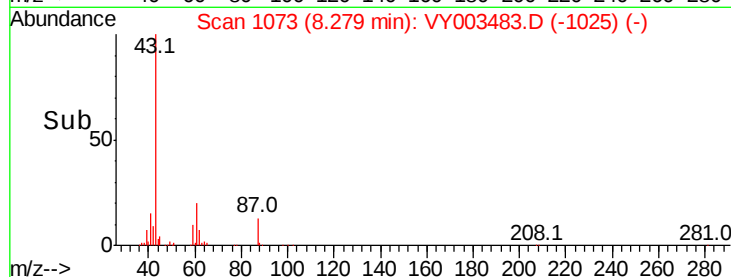
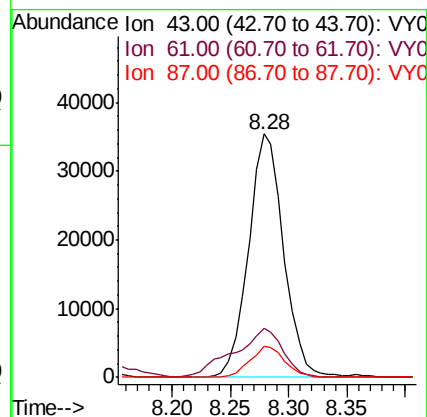
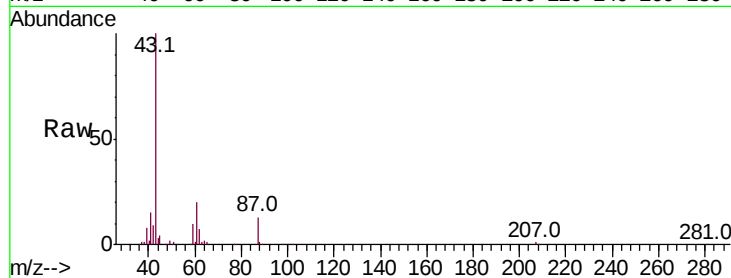




#43
Isopropyl Acetate
Concen: 20.127 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

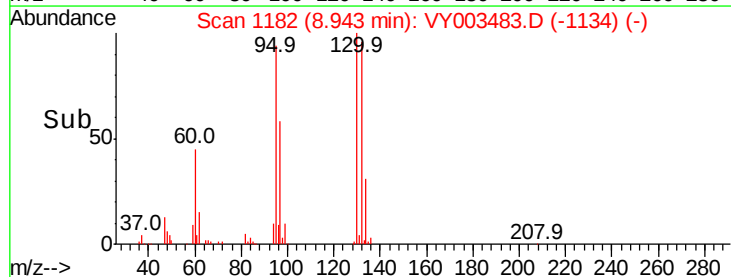
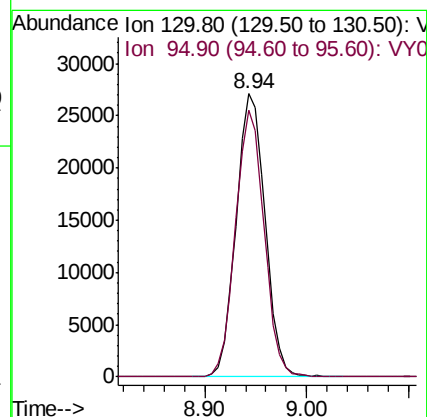
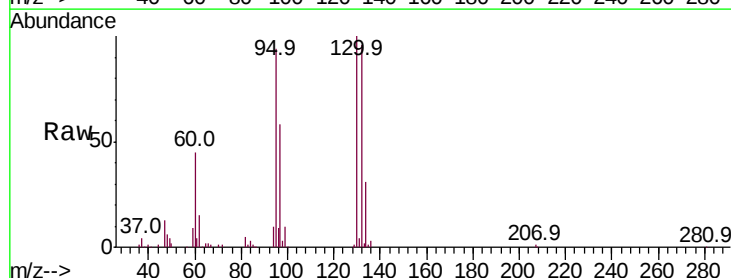
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

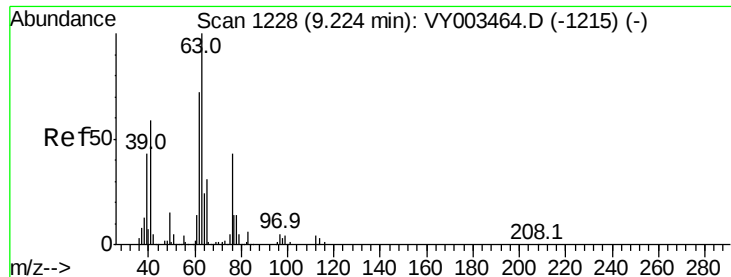
Tot Ion: 43 Resp: 74283
Ion Ratio Lower Upper
43 100
61 28.0 21.9 32.9
87 12.4 10.0 15.0



#44
Trichloroethene
Concen: 20.577 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion:130 Resp: 53165
Ion Ratio Lower Upper
130 100
95 94.1 0.0 186.6





#45

1,2-Dichloropropane

Concen: 20.838 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

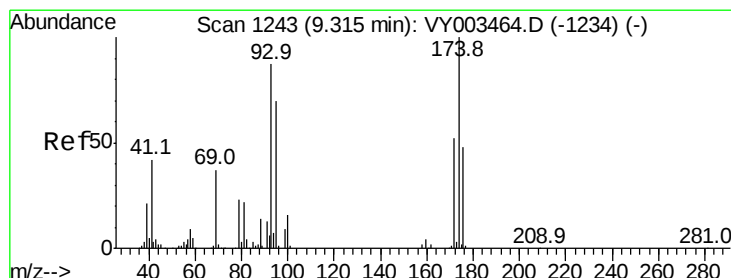
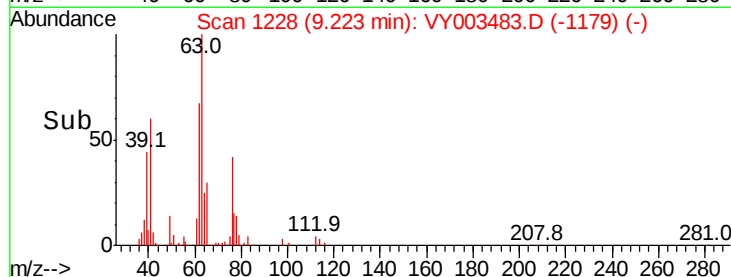
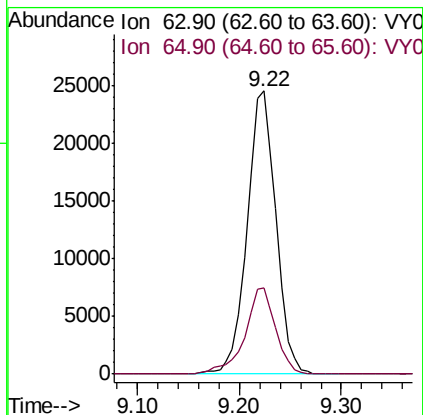
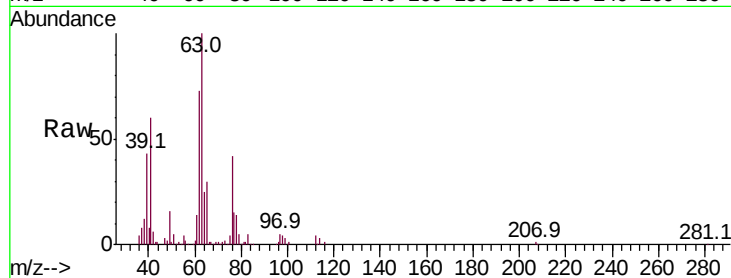
VY1103SBS01

Tot Ion: 63 Resp: 48431

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 20.508 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

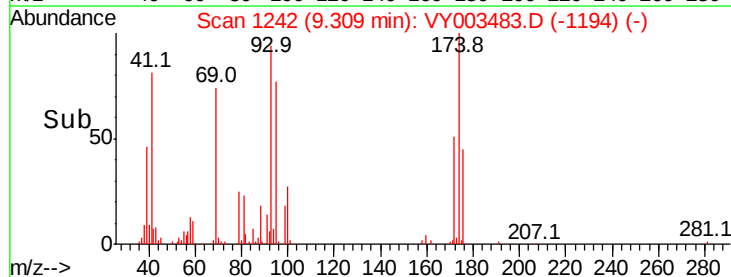
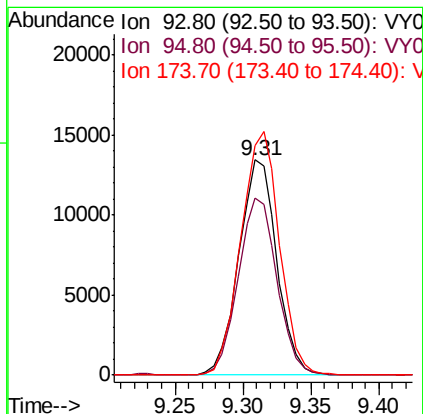
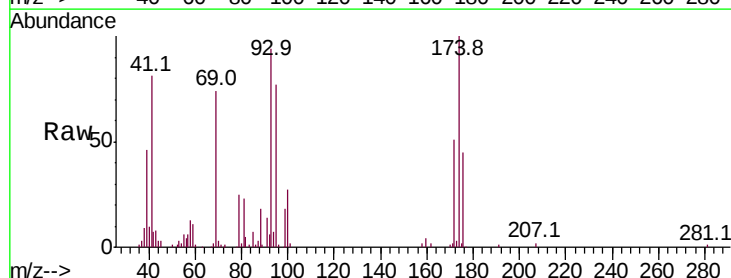
Tgt Ion: 93 Resp: 26224

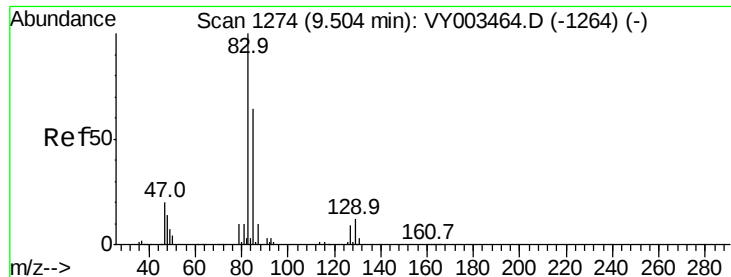
Ion Ratio Lower Upper

93 100

95 83.9 65.0 97.6

174 115.3 91.8 137.6





#47

Bromodichloromethane

Concen: 20.824 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

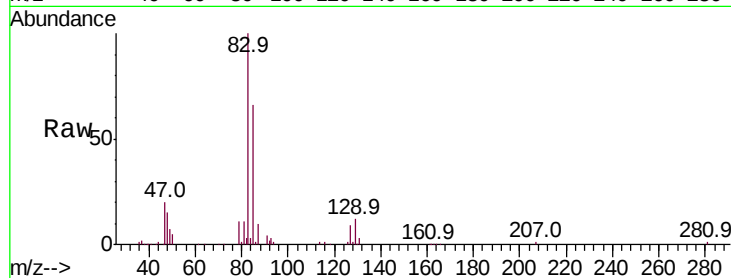
Tot Ion: 83 Resp: 65172

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.6

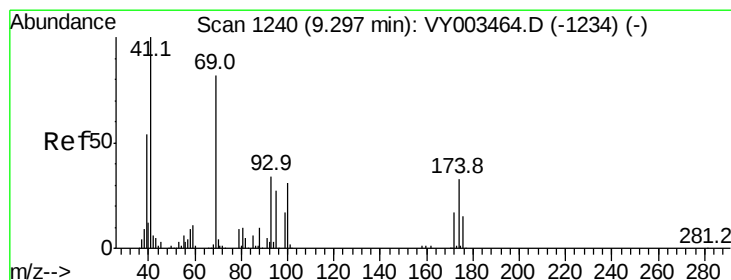
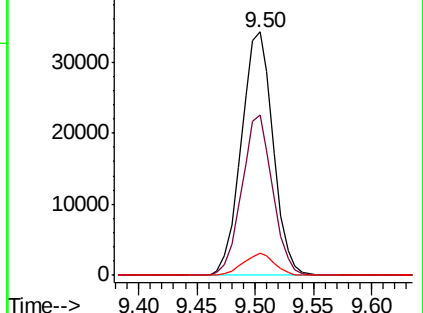
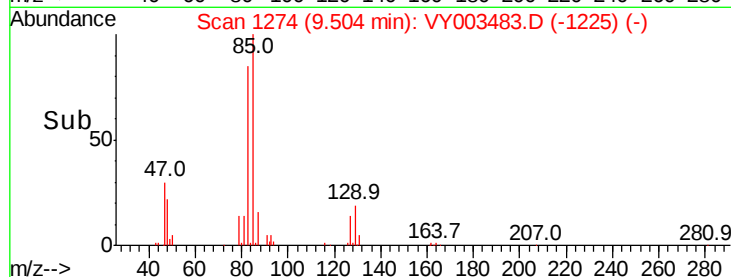
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.627 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

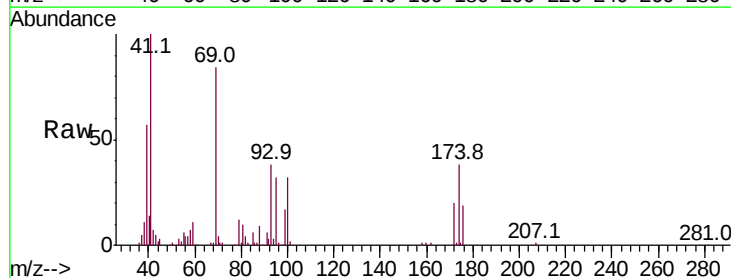
Tgt Ion: 41 Resp: 34123

Ion Ratio Lower Upper

41 100

69 84.5 65.9 98.9

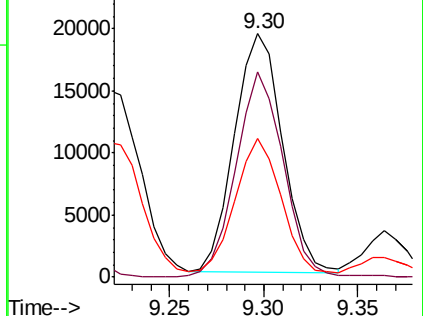
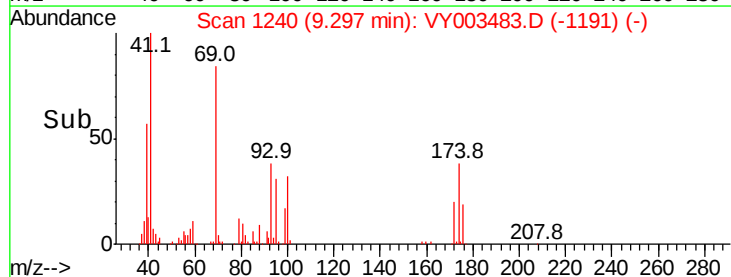
39 57.7 43.2 64.8

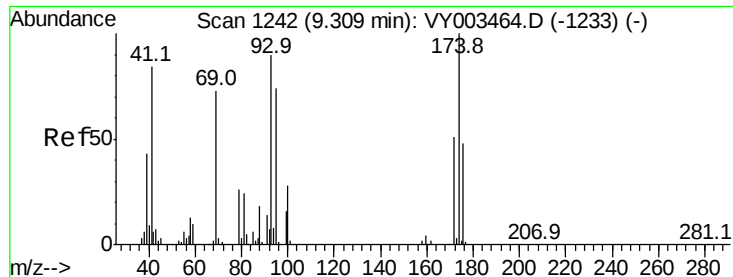


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 392.294 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

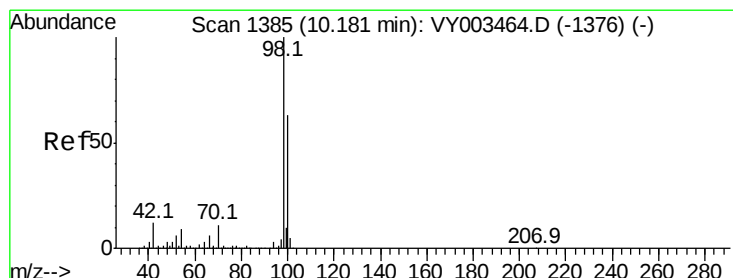
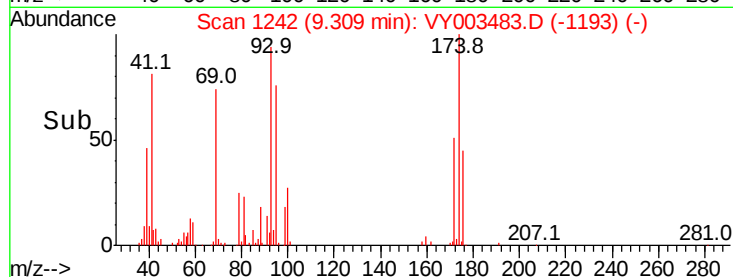
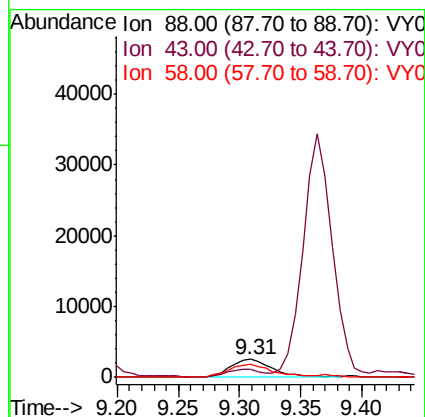
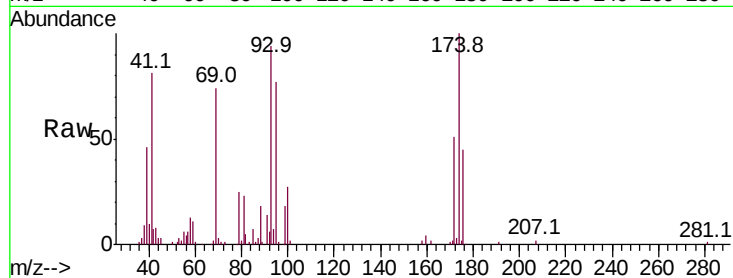
Tot Ion: 88 Resp: 6259

Ion Ratio Lower Upper

88 100

43 32.1 27.6 41.4

58 74.8 54.2 81.2



#50

Toluene-d8

Concen: 48.220 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003483.D

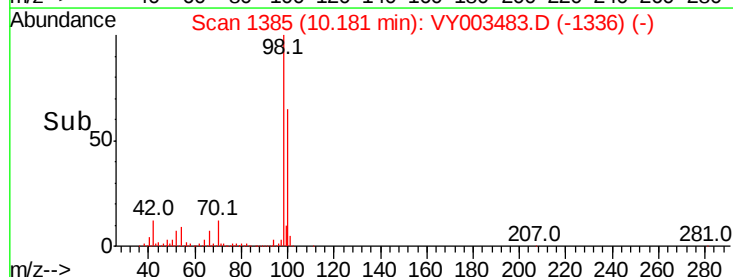
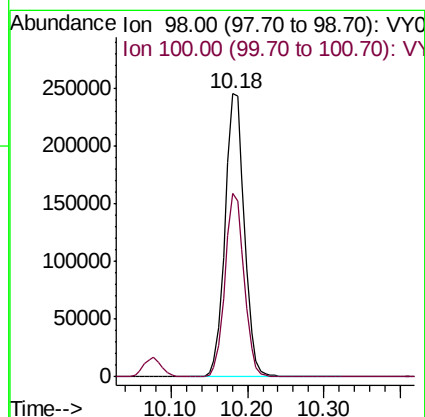
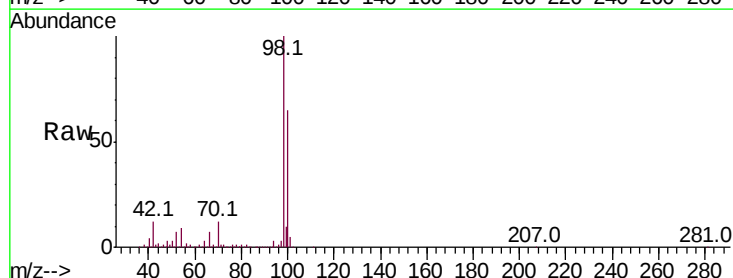
Acq: 03 Nov 2020 11:48

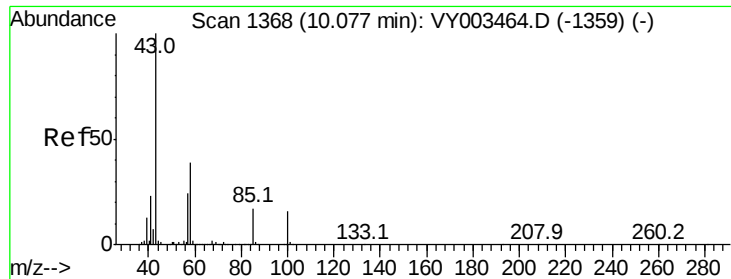
Tgt Ion: 98 Resp: 428177

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 101.926 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

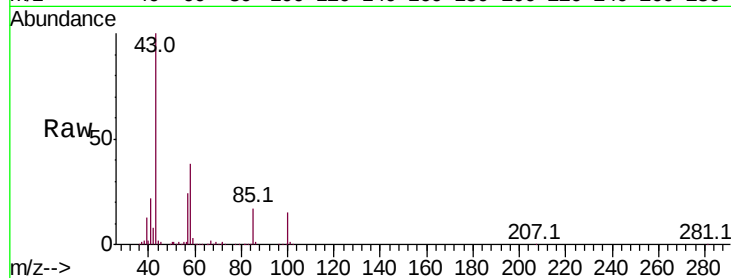
VY1103SBS01

Tot Ion: 43 Resp: 200427

Ion Ratio Lower Upper

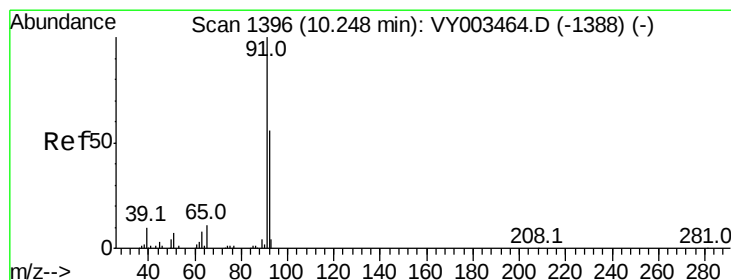
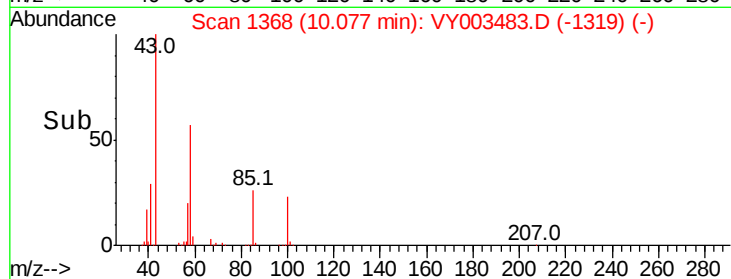
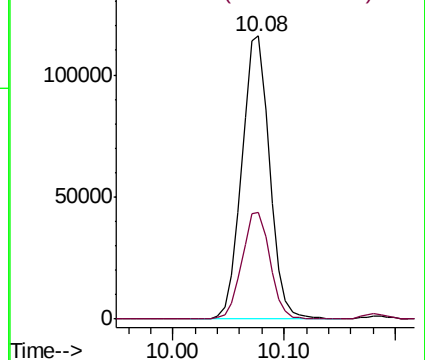
43 100

58 38.3 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.637 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003483.D

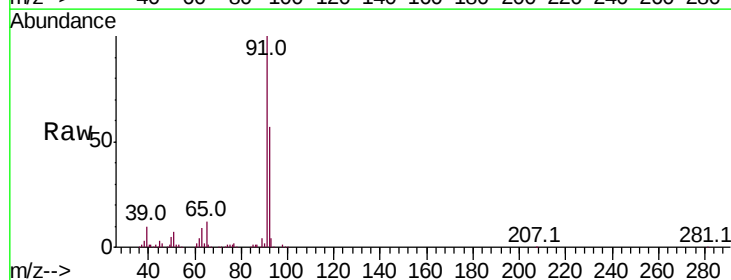
Acq: 03 Nov 2020 11:48

Tgt Ion: 92 Resp: 118796

Ion Ratio Lower Upper

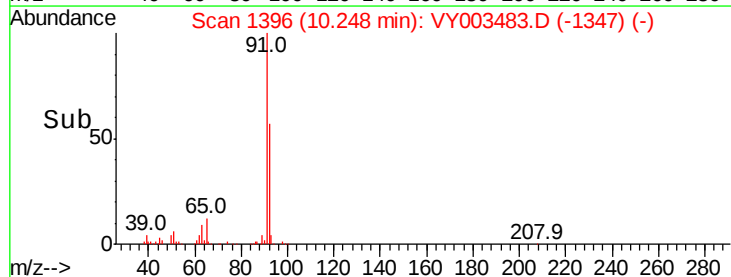
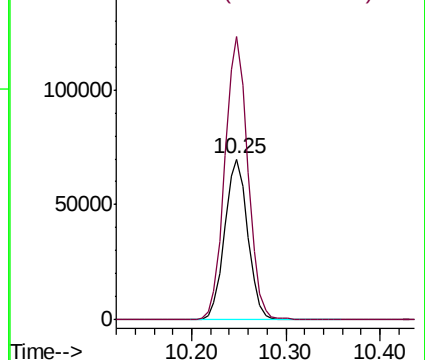
92 100

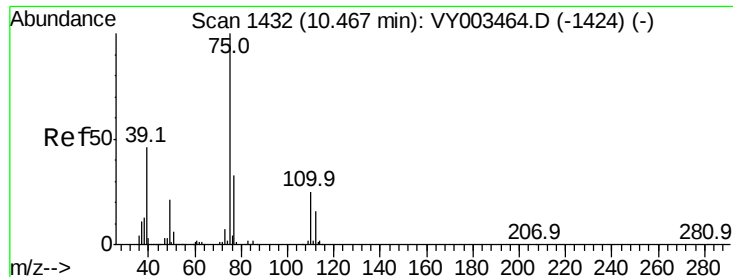
91 176.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.728 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

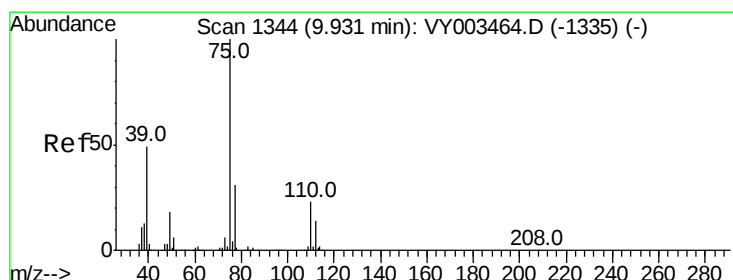
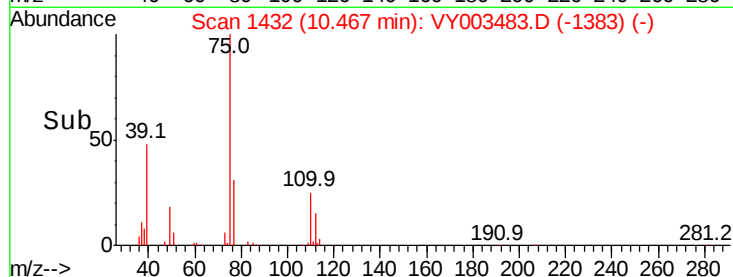
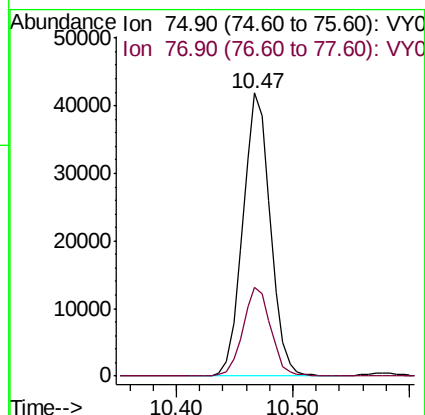
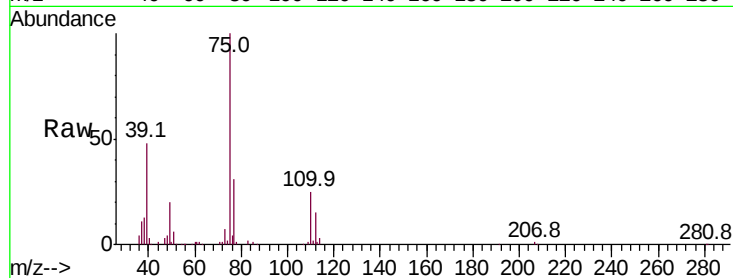
VY1103SBS01

Tot Ion: 75 Resp: 69037

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 20.811 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

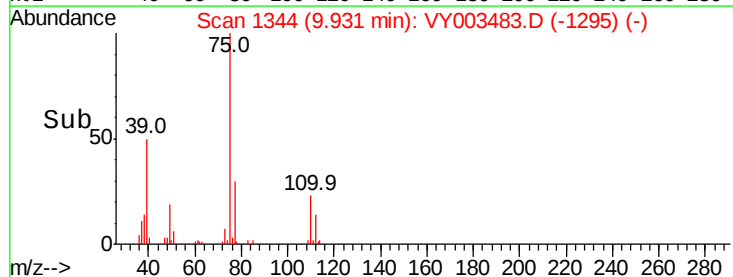
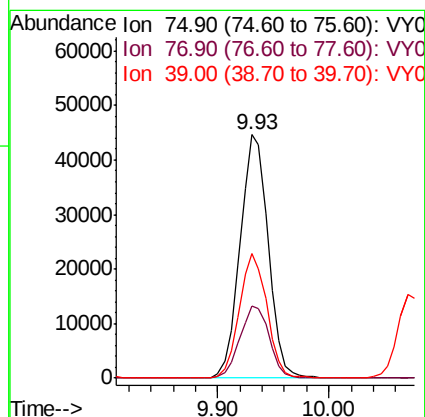
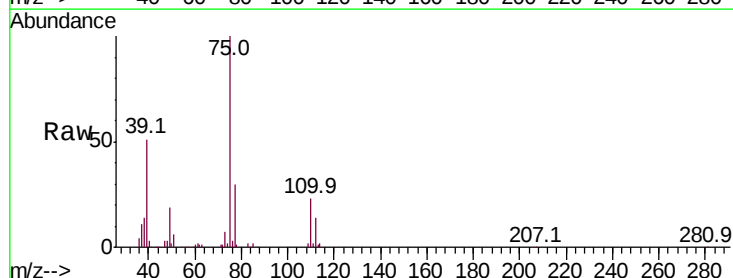
Tgt Ion: 75 Resp: 77999

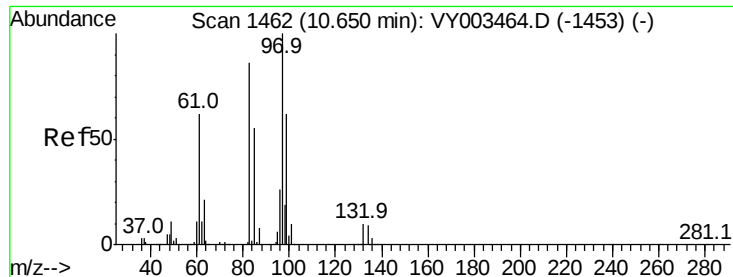
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 51.0 39.0 58.4

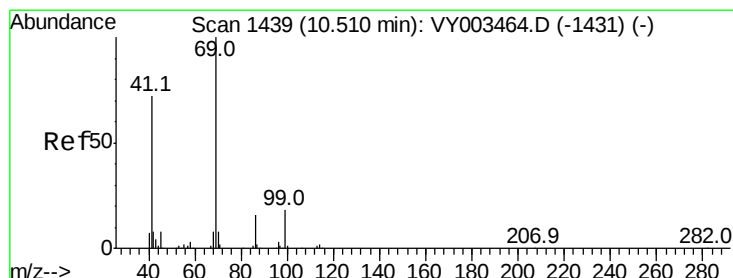
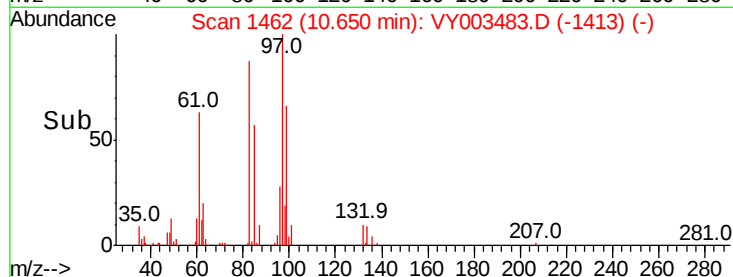
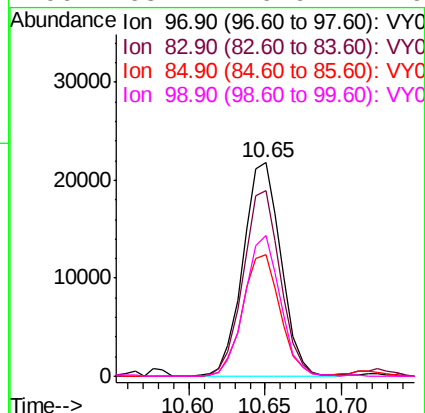
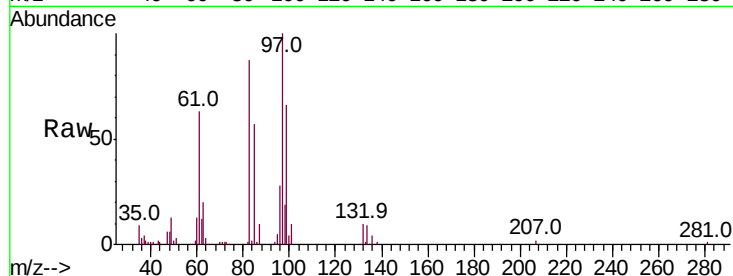




#55
 1,1,2-Trichloroethane
 Concen: 20.738 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

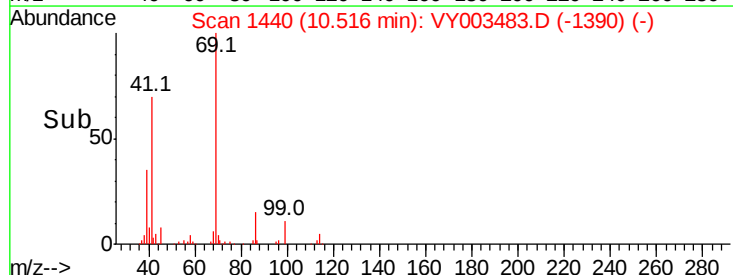
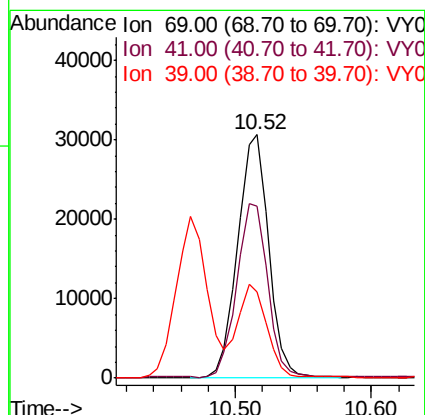
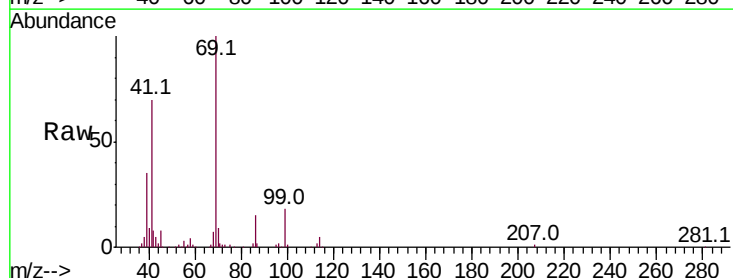
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

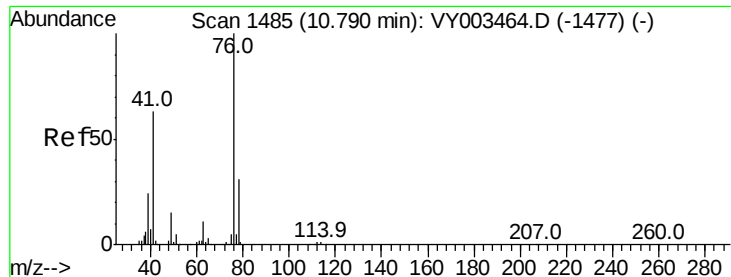
Tot Ion: 97 Resp: 37642
 Ion Ratio Lower Upper
 97 100
 83 87.2 68.6 102.8
 85 56.7 43.8 65.6
 99 65.7 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 20.121 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion: 69 Resp: 48921
 Ion Ratio Lower Upper
 69 100
 41 71.2 55.4 83.2
 39 36.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 20.785 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

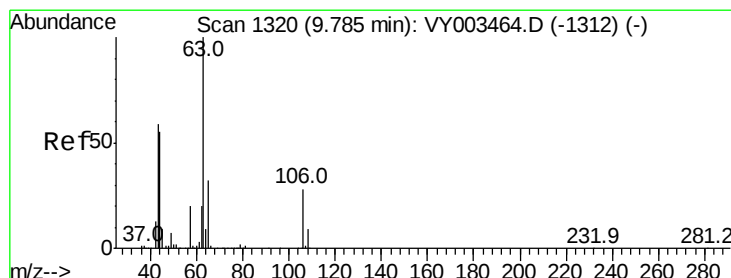
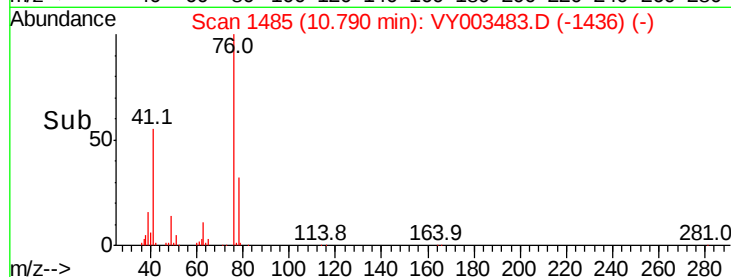
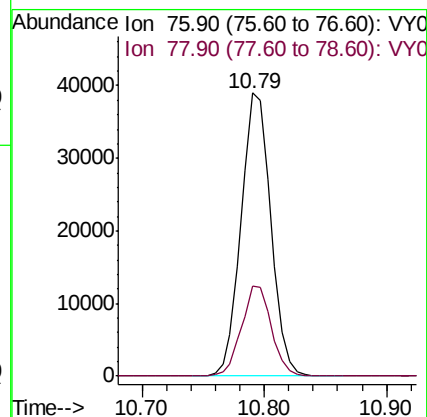
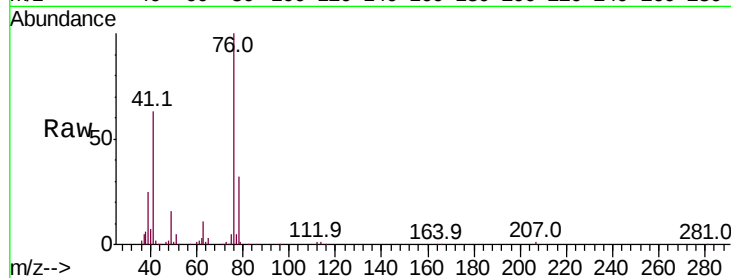
VY1103SBS01

Tot Ion: 76 Resp: 65604

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.593 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003483.D

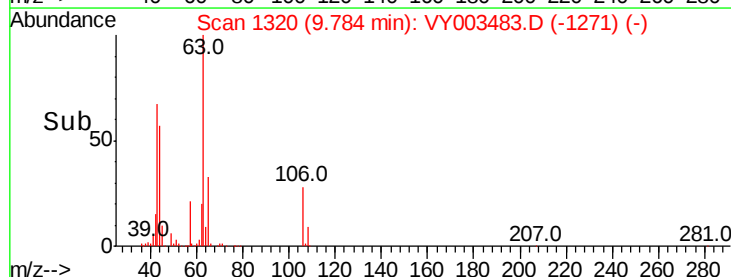
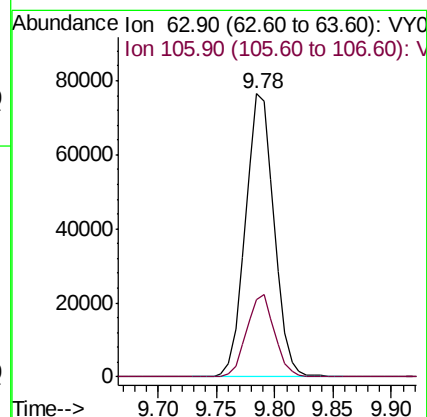
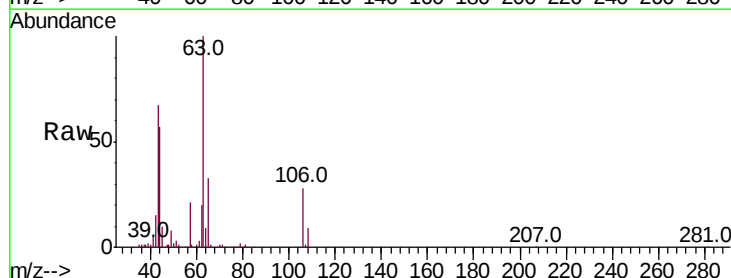
Acq: 03 Nov 2020 11:48

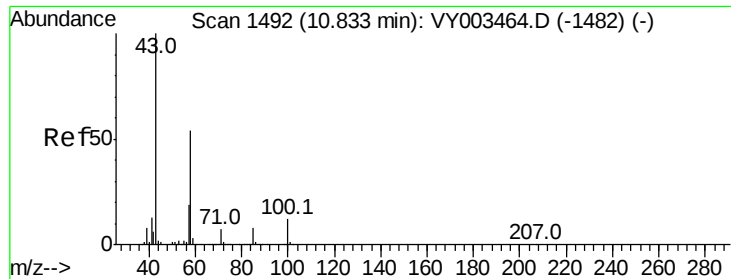
Tgt Ion: 63 Resp: 131378

Ion Ratio Lower Upper

63 100

106 28.4 22.3 33.5

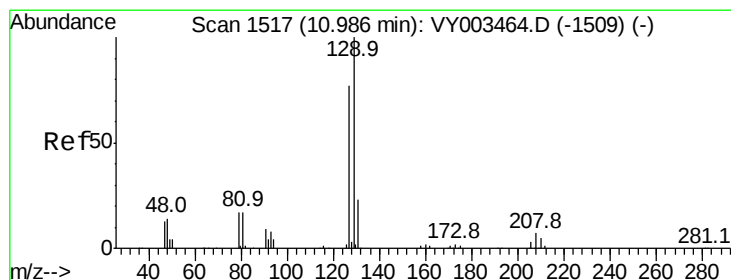
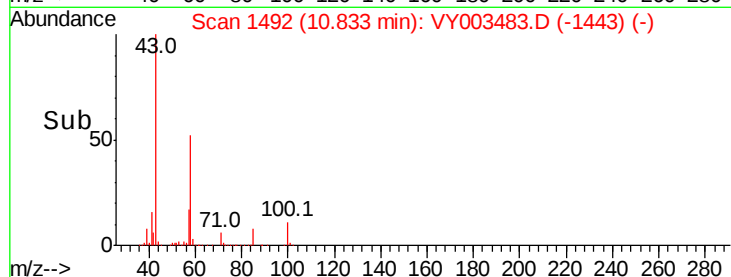
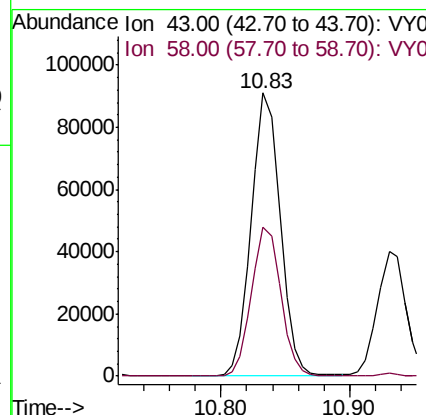
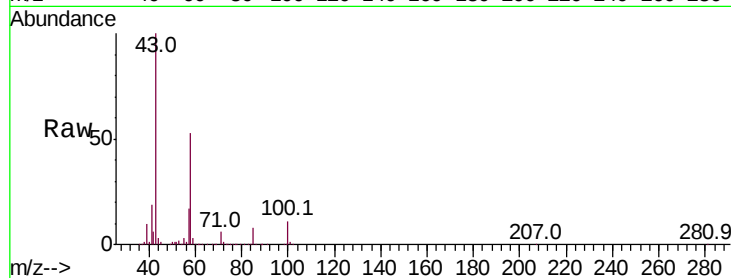




#59
2-Hexanone
Concen: 96.907 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

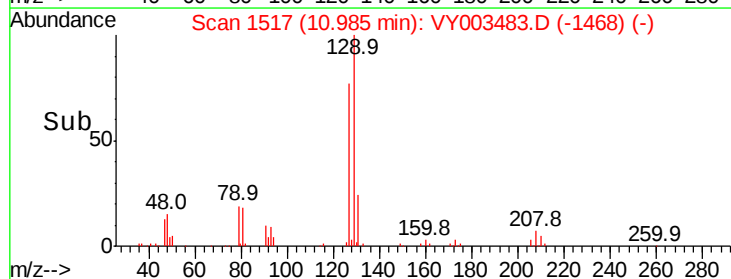
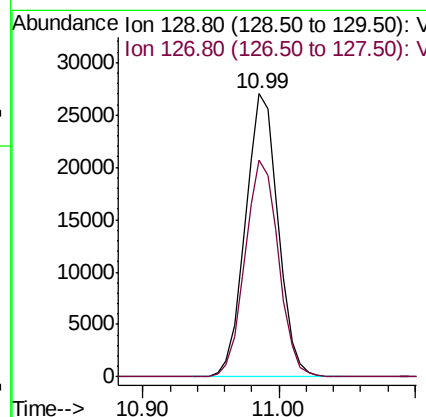
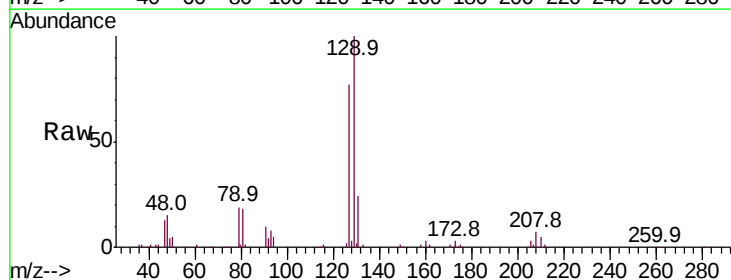
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

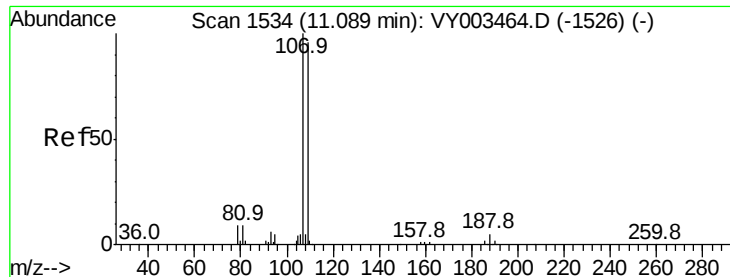
Tot Ion: 43 Resp: 141089
Ion Ratio Lower Upper
43 100
58 53.4 26.8 80.3



#60
Dibromochloromethane
Concen: 20.391 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 129 Resp: 45491
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3

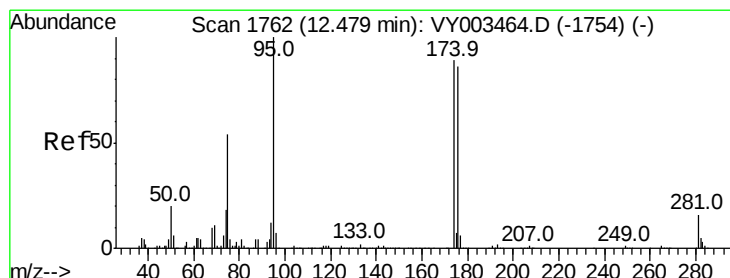
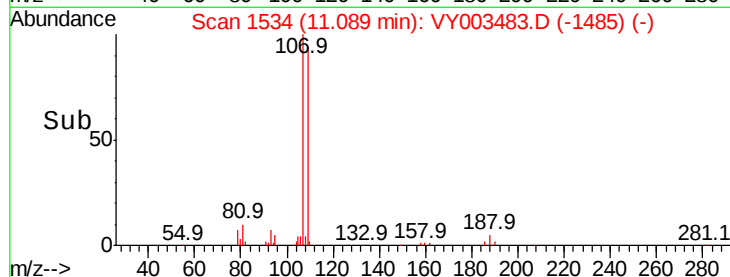
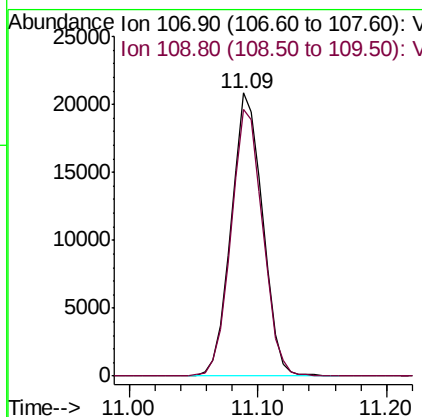
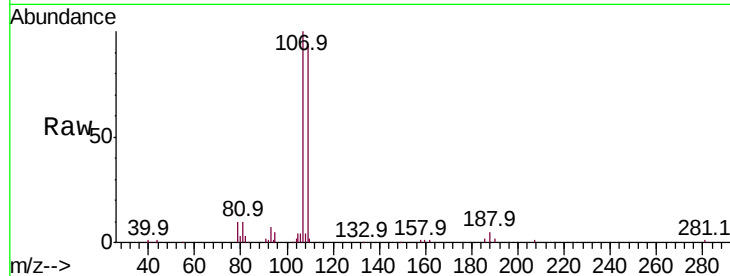




#61
 1,2-Dibromoethane
 Concen: 20.185 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

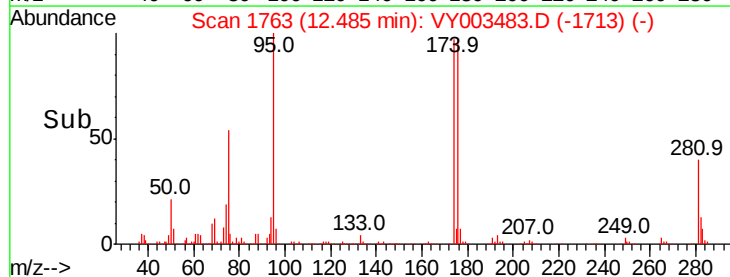
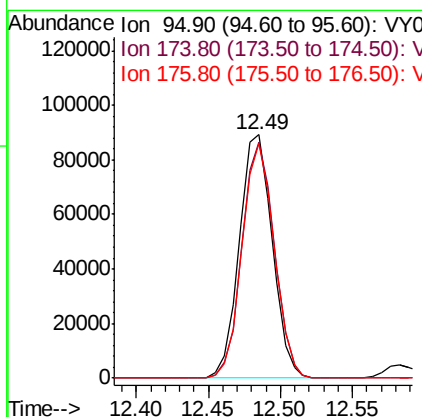
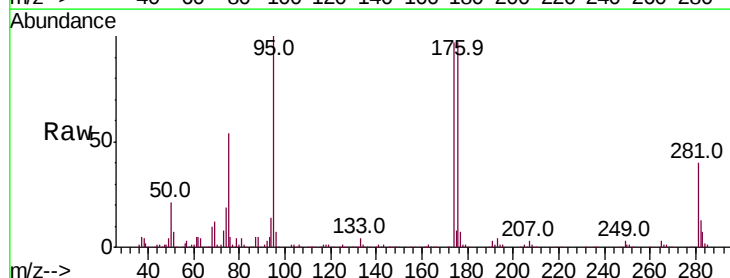
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

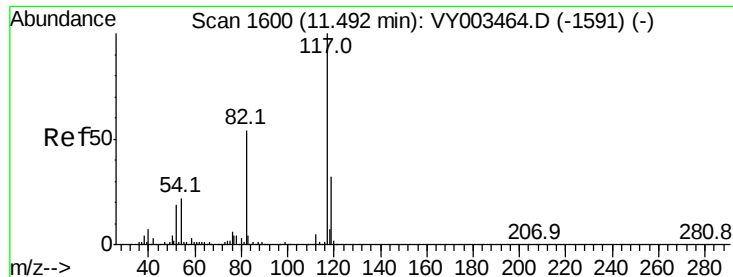
Tot Ion:107 Resp: 35372
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.069 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion: 95 Resp: 141424
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 193.0
 176 93.7 0.0 187.4

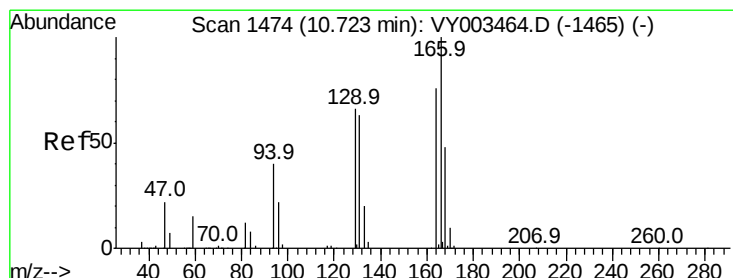
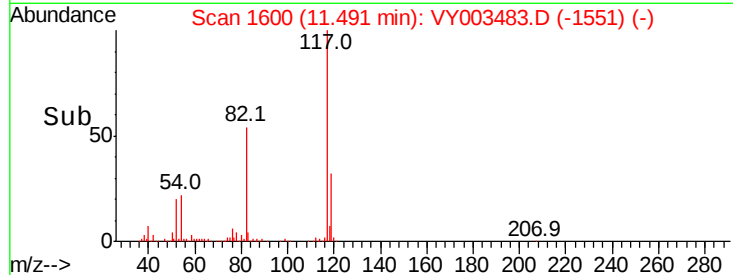
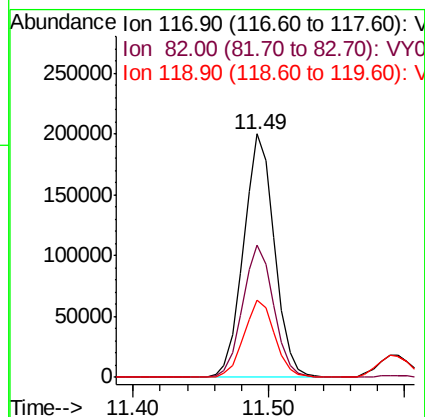
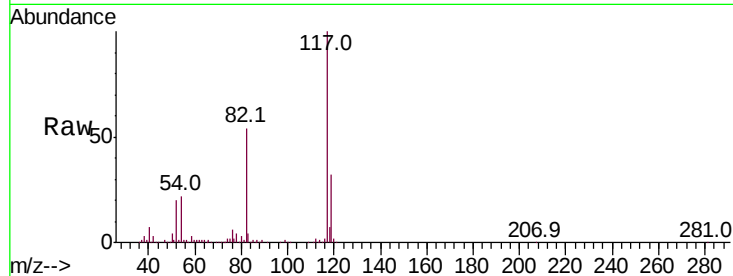




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

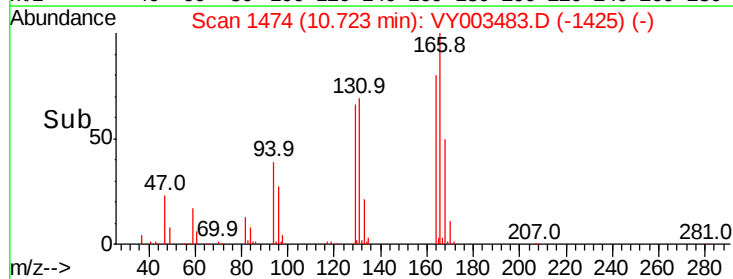
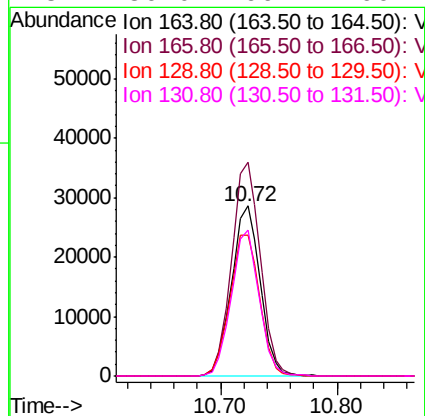
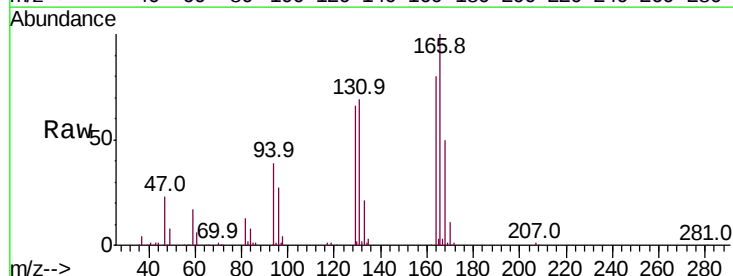
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

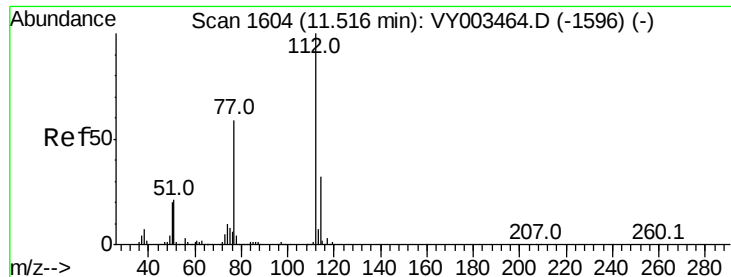
Tot Ion:117 Resp: 317144
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 20.754 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion:164 Resp: 49155
Ion Ratio Lower Upper
164 100
166 125.5 104.9 157.3
129 82.9 68.9 103.3
131 86.0 66.2 99.2





#65

Chlorobenzene

Concen: 20.747 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

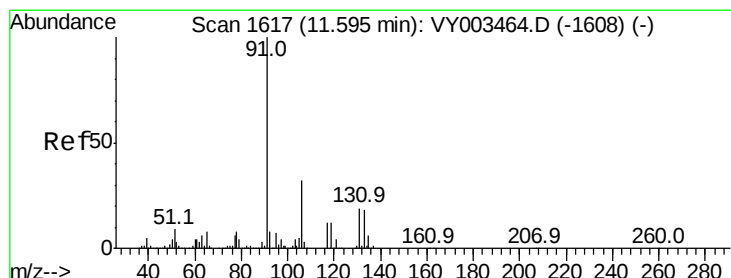
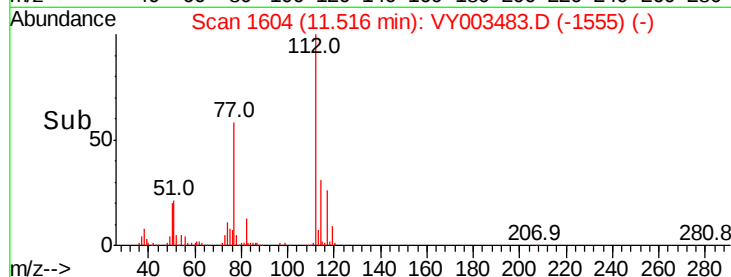
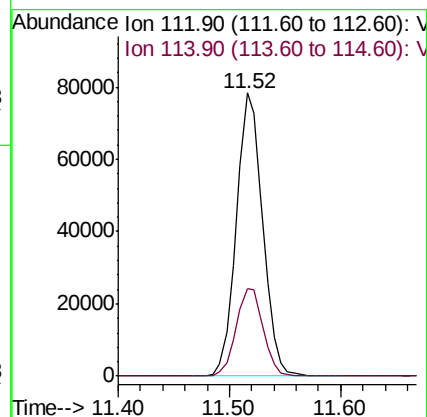
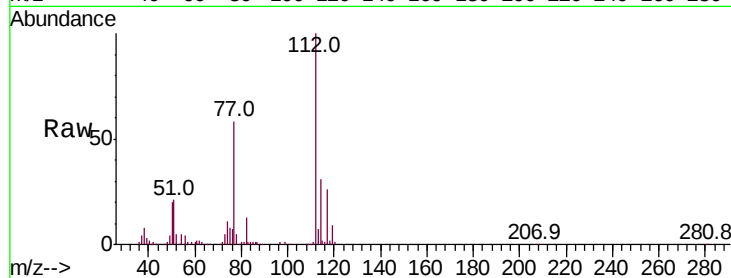
VY1103SBS01

Tot Ion:112 Resp: 127827

Ion Ratio Lower Upper

112 100

114 31.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.780 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

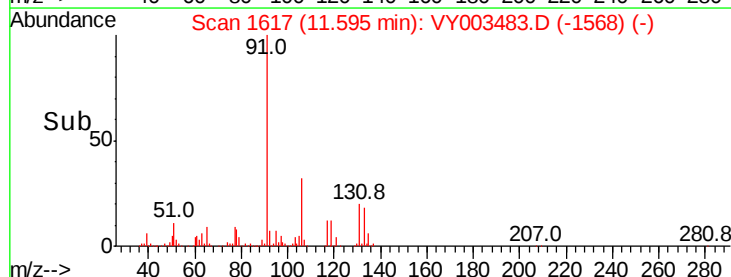
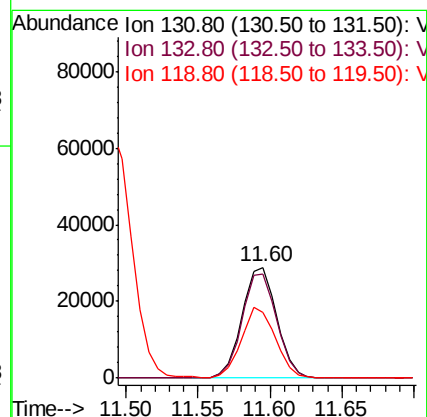
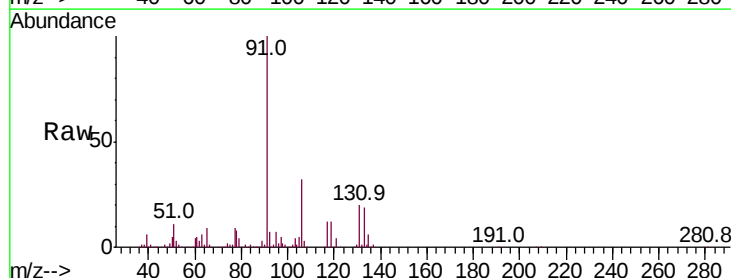
Tgt Ion:131 Resp: 48284

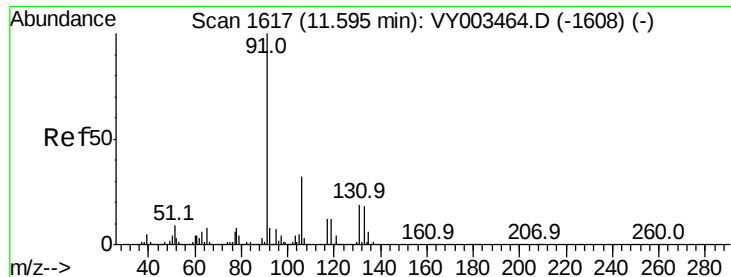
Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.2

119 63.0 31.6 95.0





#67

Ethyl Benzene

Concen: 20.551 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

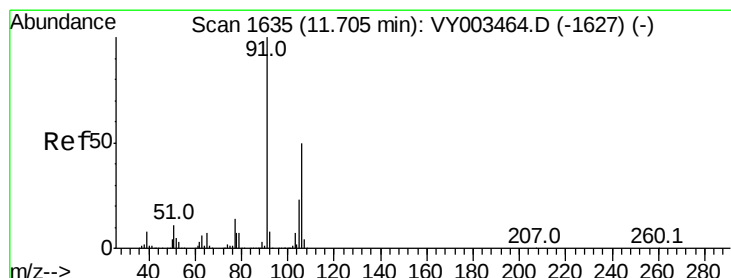
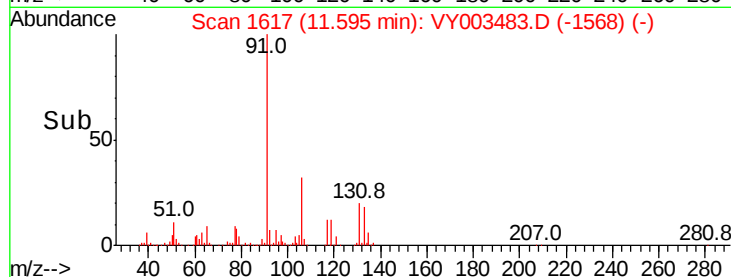
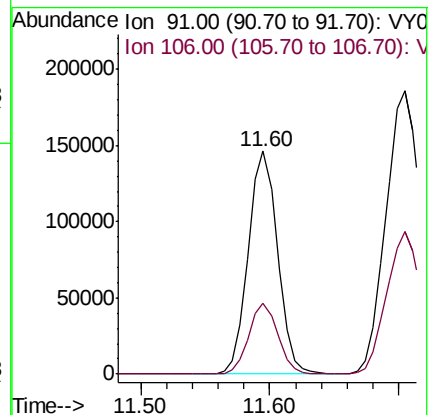
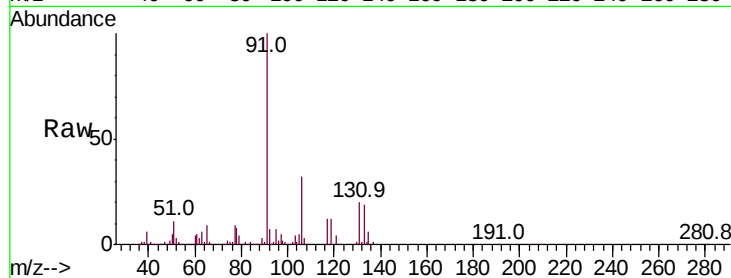
VY1103SBS01

Tot Ion: 91 Resp: 229605

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



#68

m/p-Xylenes

Concen: 41.248 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY003483.D

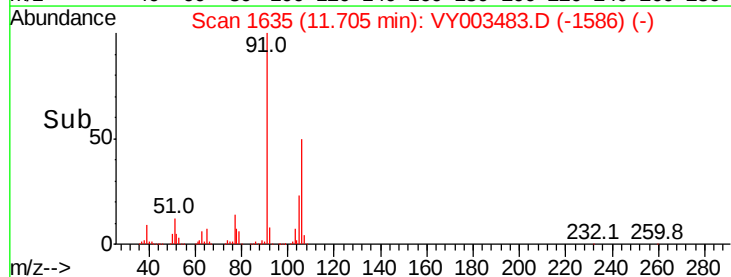
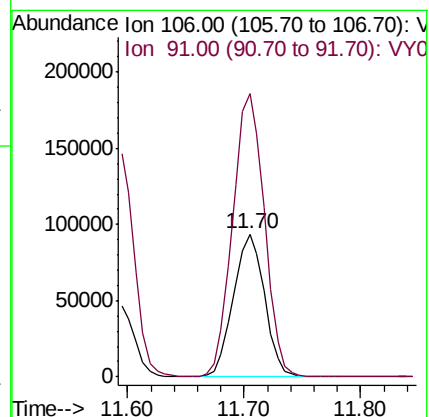
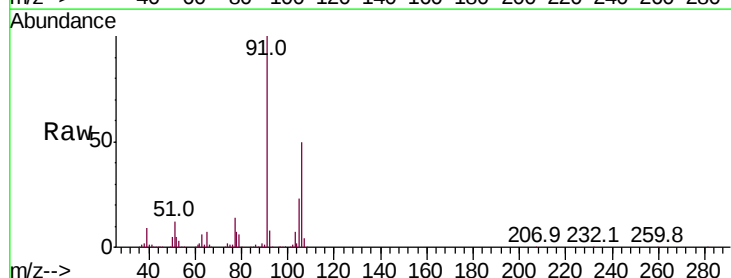
Acq: 03 Nov 2020 11:48

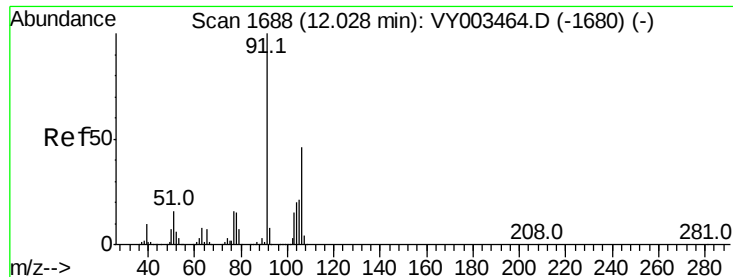
Tgt Ion: 106 Resp: 174635

Ion Ratio Lower Upper

106 100

91 202.1 161.0 241.6

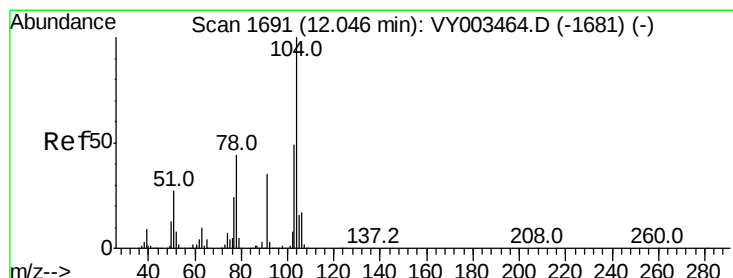
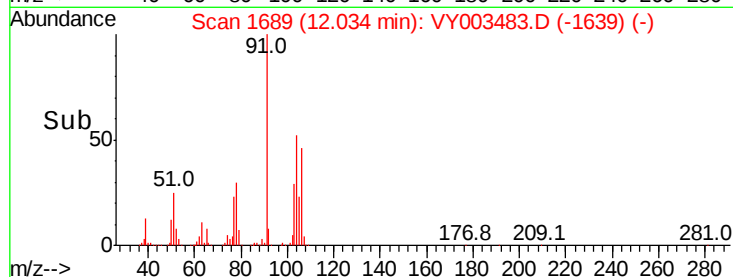
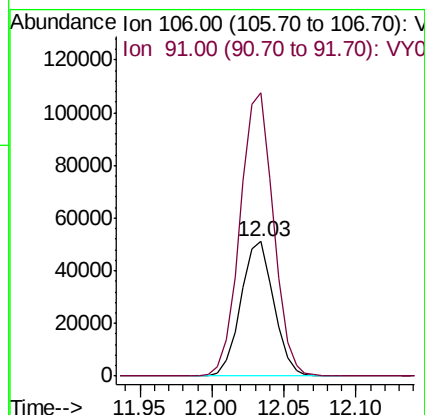
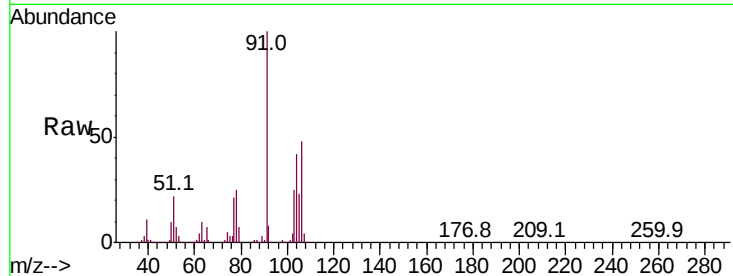




#69
o-Xylene
Concen: 20.795 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

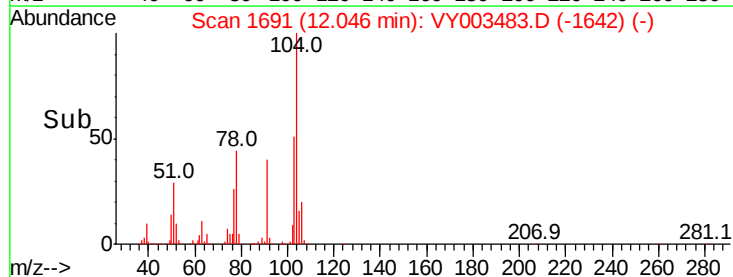
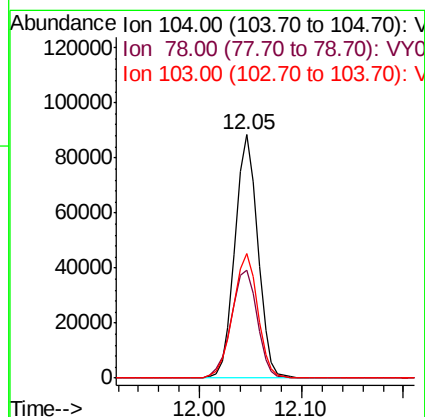
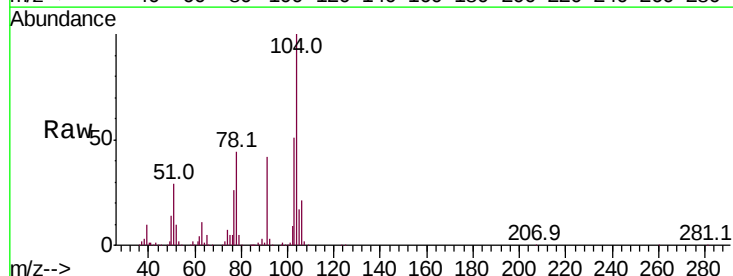
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

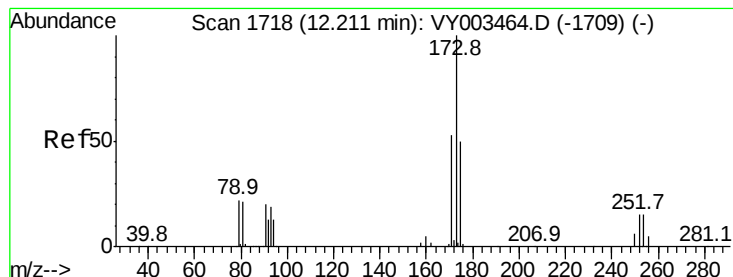
Tot Ion:106 Resp: 80986
Ion Ratio Lower Upper
106 100
91 213.1 105.5 316.5



#70
Styrene
Concen: 20.723 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion:104 Resp: 137032
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.3 44.2 66.2





#71

Bromoform

Concen: 19.918 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

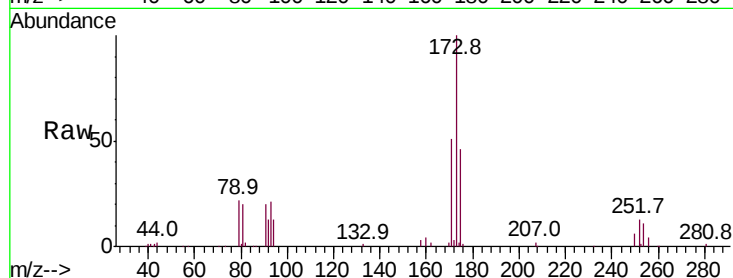
Tot Ion:173 Resp: 30848

Ion Ratio Lower Upper

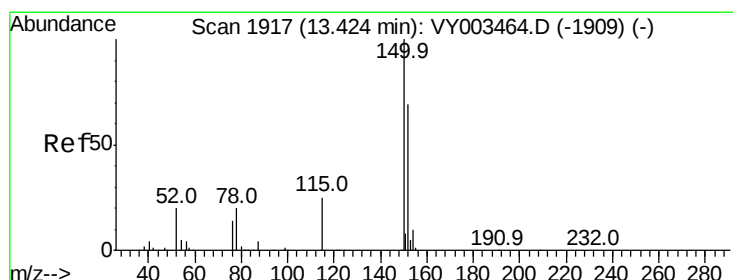
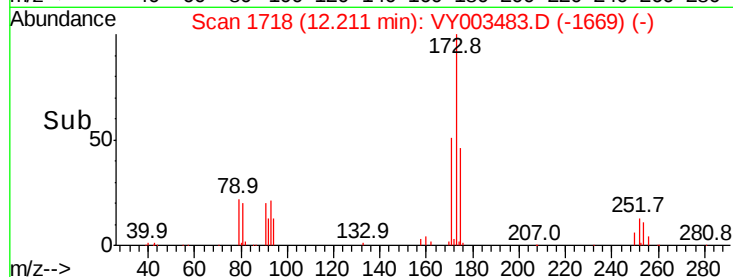
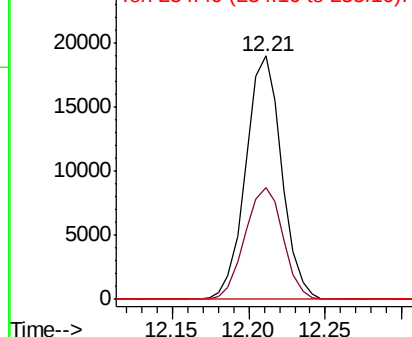
173 100

175 48.7 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: VY003483.D

Acq: 03 Nov 2020 11:48

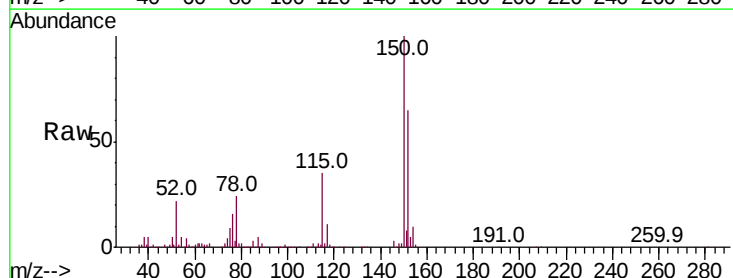
Tgt Ion:152 Resp: 165534

Ion Ratio Lower Upper

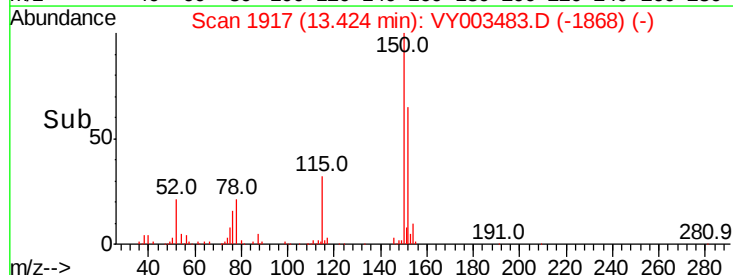
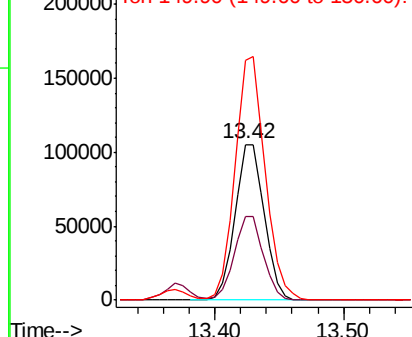
152 100

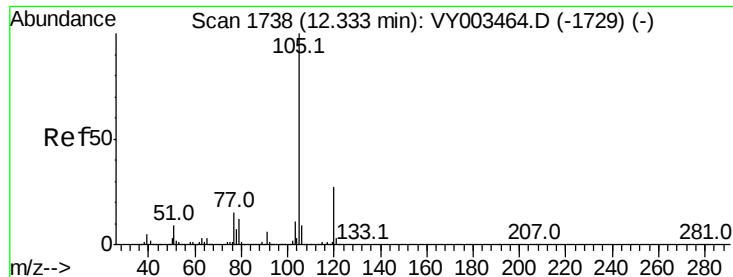
115 53.9 27.5 82.4

150 160.6 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: 20.745 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

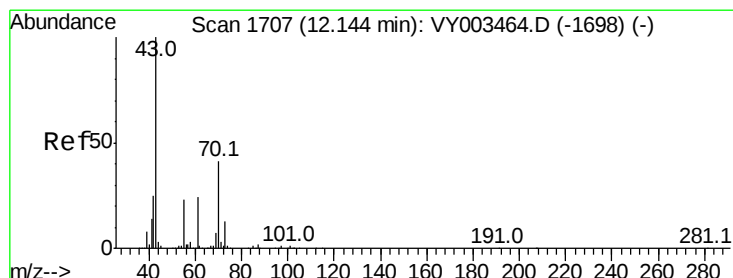
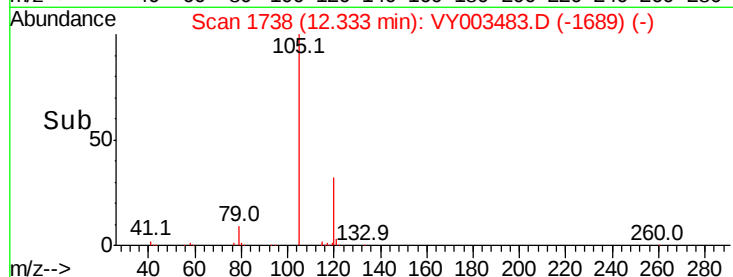
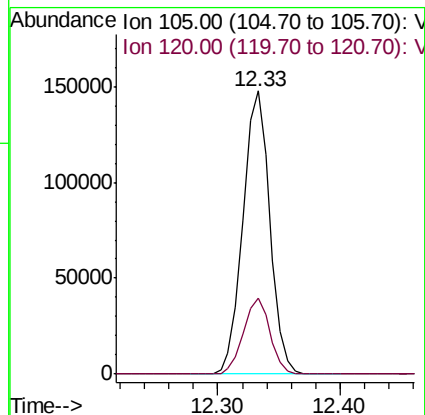
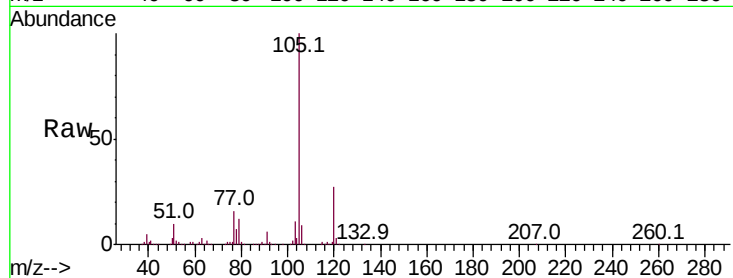
VY1103SBS01

Tot Ion:105 Resp: 224320

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 20.656 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Tgt Ion: 43 Resp: 63267

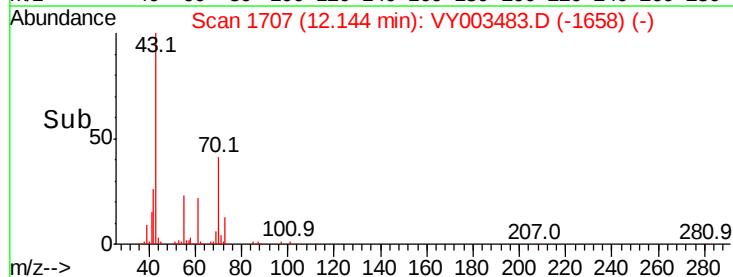
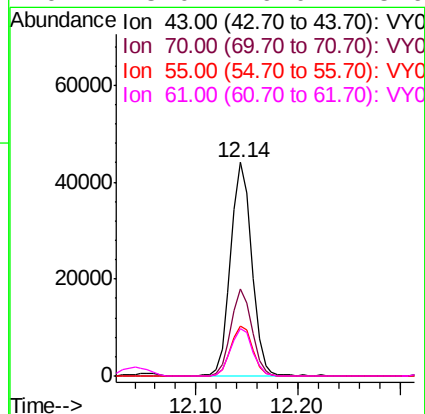
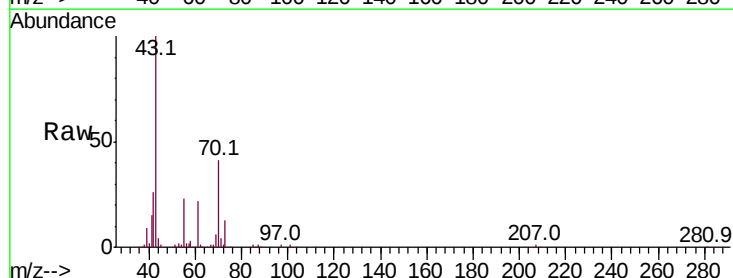
Ion Ratio Lower Upper

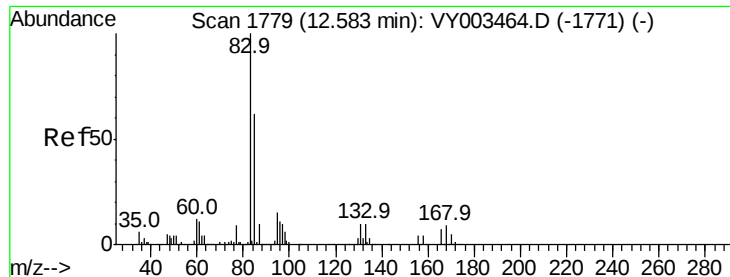
43 100

70 40.2 33.1 49.7

55 24.1 19.2 28.8

61 23.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.270 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

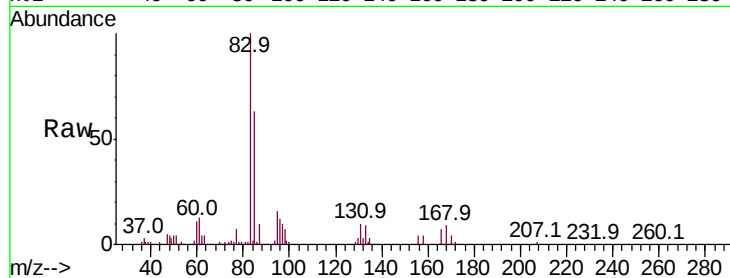
Tot Ion: 83 Resp: 46817

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

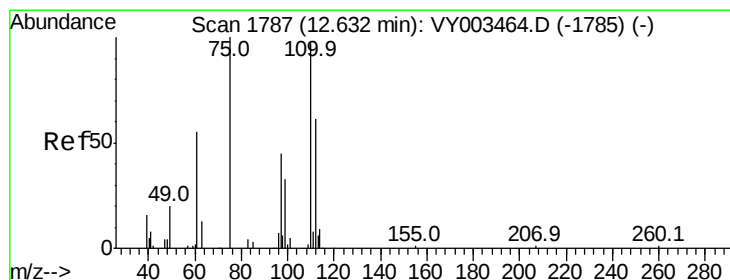
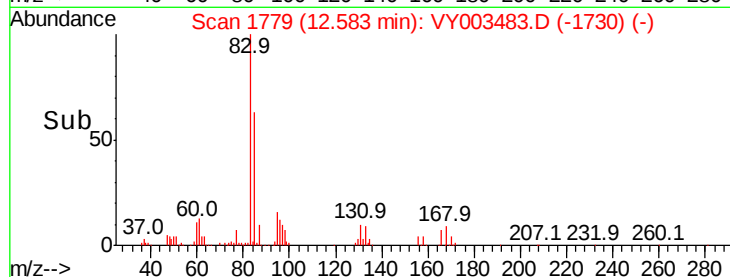
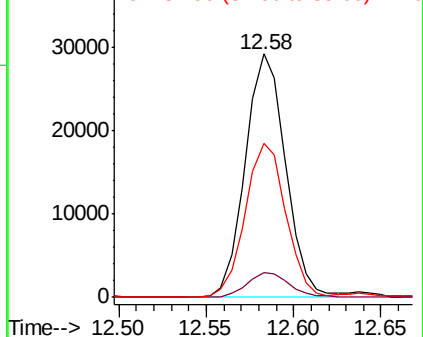
85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.575 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003483.D

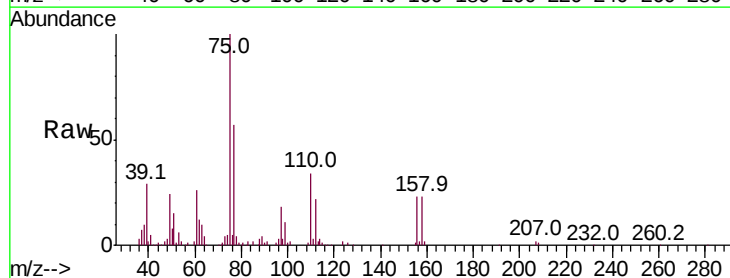
Acq: 03 Nov 2020 11:48

Tgt Ion: 75 Resp: 62309

Ion Ratio Lower Upper

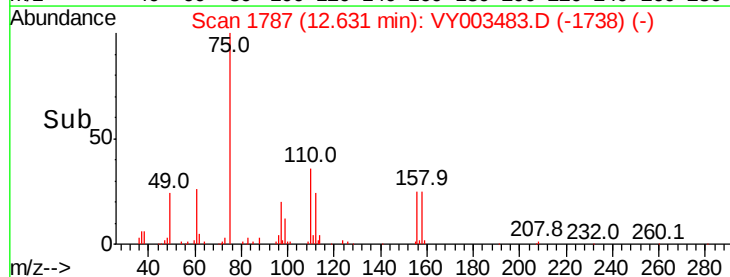
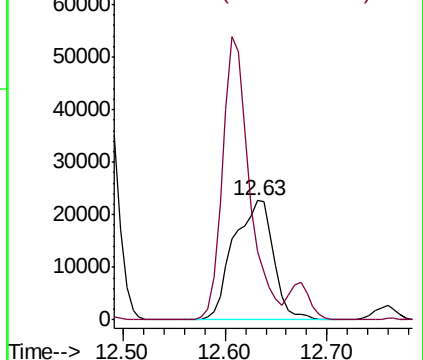
75 100

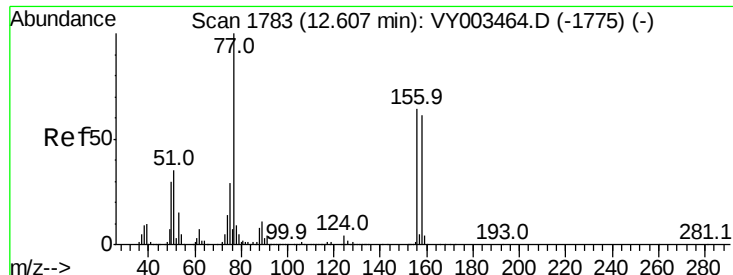
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

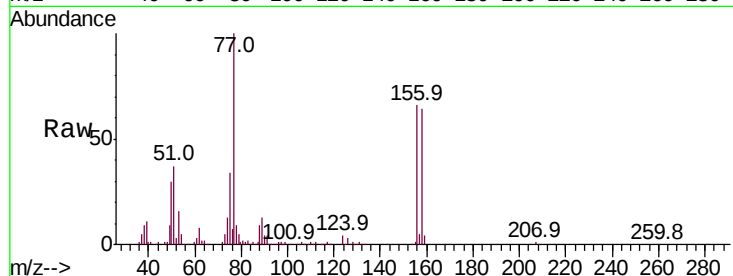




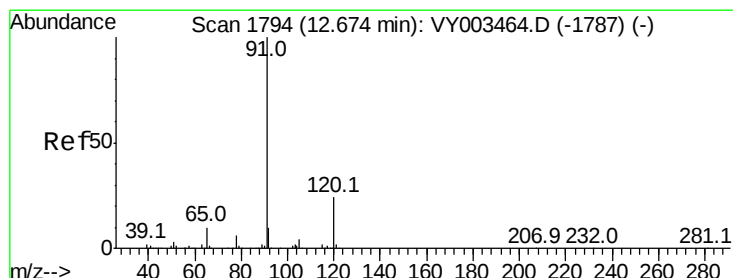
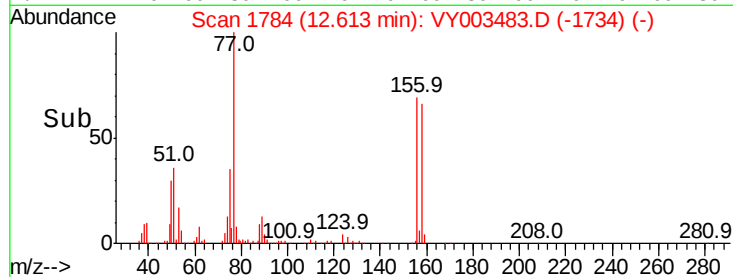
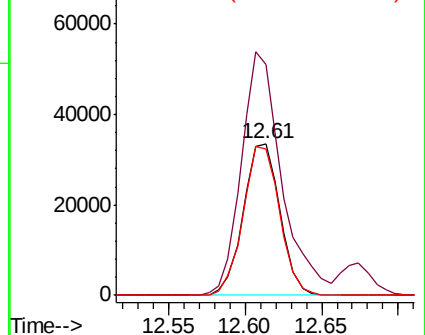
#77
Bromobenzene
Concen: 20.311 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.01 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion:156 Resp: 55802
Ion Ratio Lower Upper
156 100
77 177.4 87.0 260.9
158 98.0 48.7 146.1

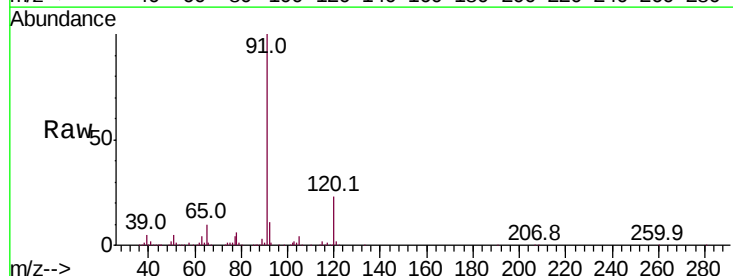


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

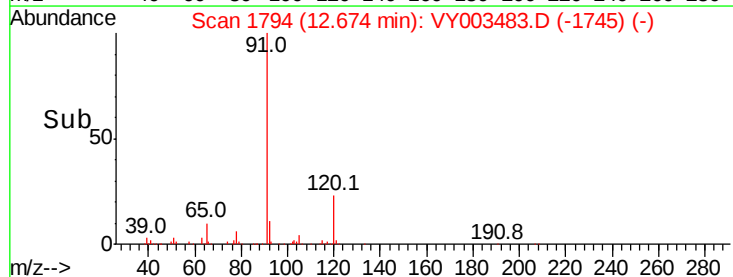
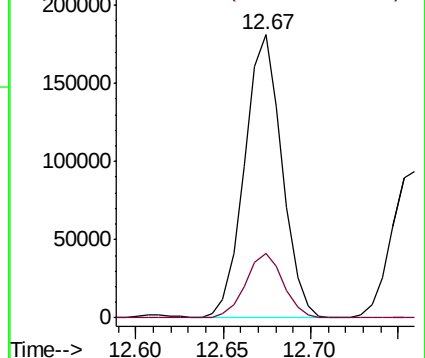


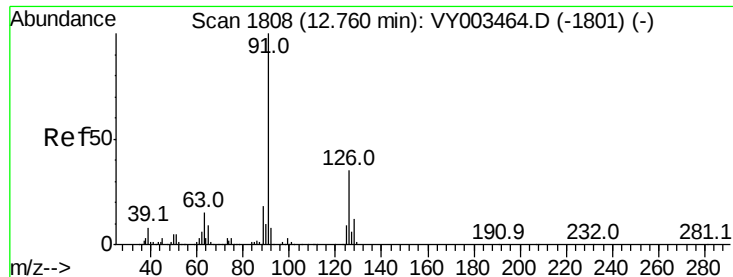
#78
n-propylbenzene
Concen: 21.068 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 91 Resp: 268338
Ion Ratio Lower Upper
91 100
120 22.9 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: 20.654 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

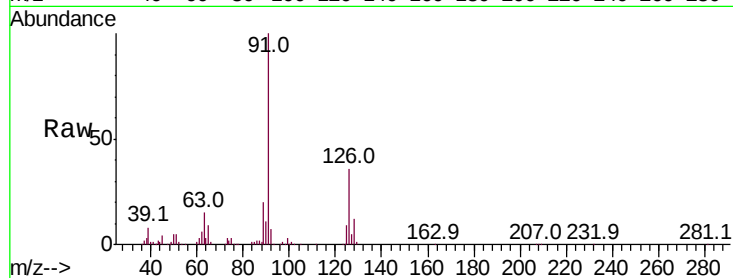
VY1103SBS01

Tot Ion: 91 Resp: 146972

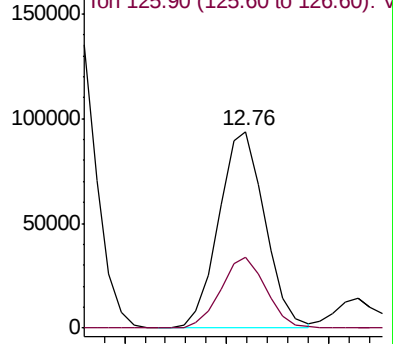
Ion Ratio Lower Upper

91 100

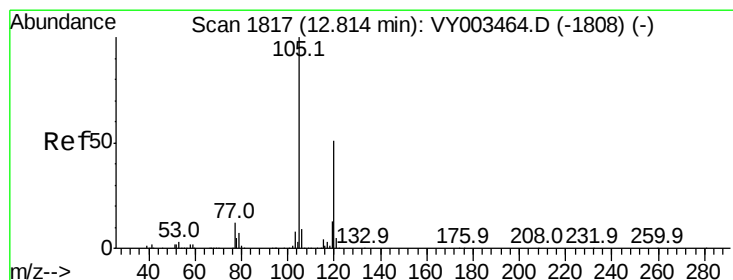
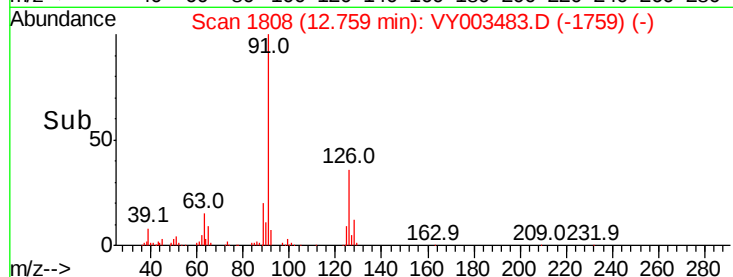
126 35.6 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.815 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003483.D

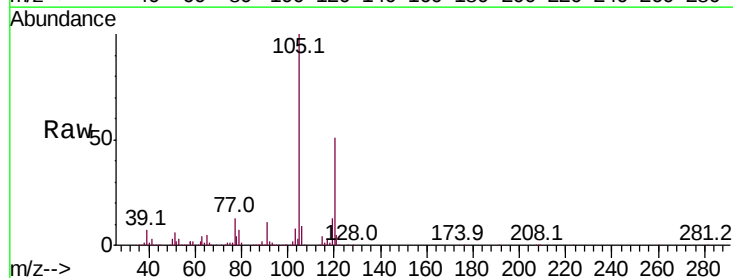
Acq: 03 Nov 2020 11:48

Tgt Ion: 105 Resp: 186484

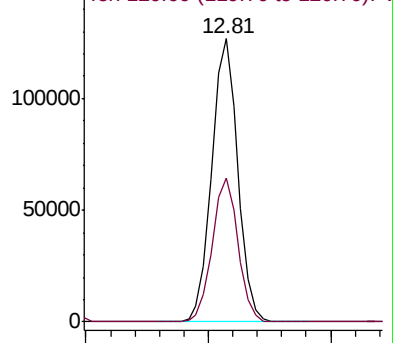
Ion Ratio Lower Upper

105 100

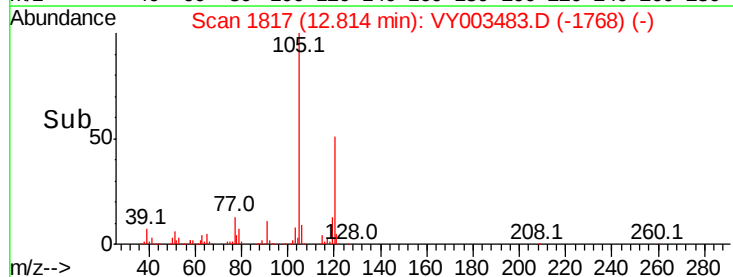
120 50.2 25.3 75.9

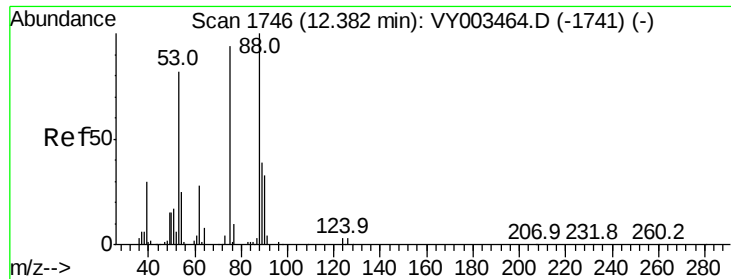


Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.947 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

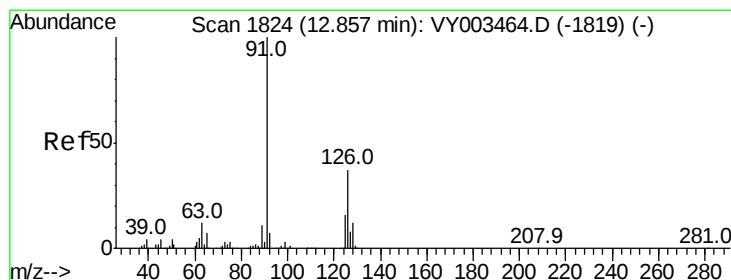
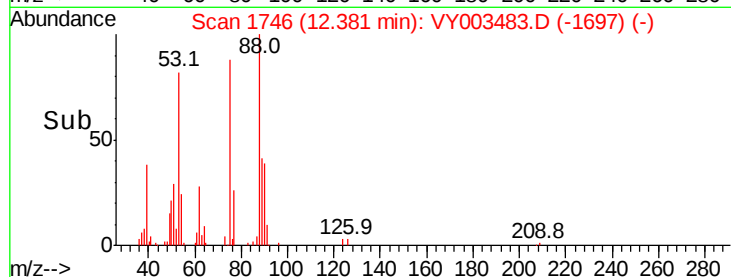
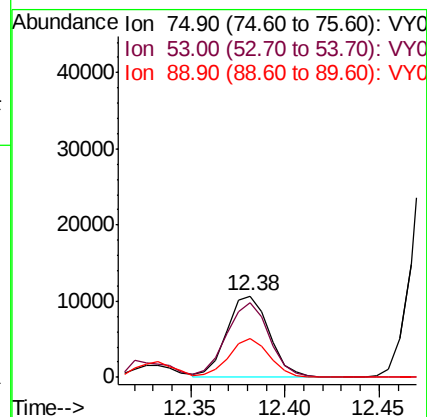
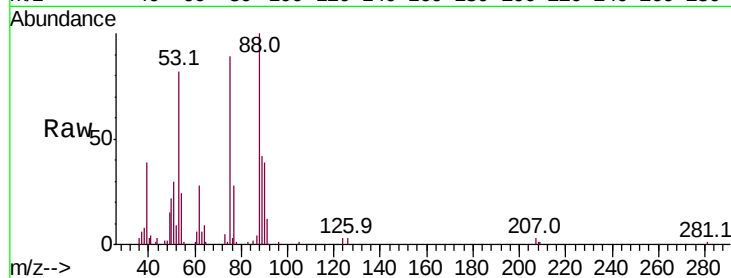
Tot Ion: 75 Resp: 16739

Ion Ratio Lower Upper

75 100

53 92.0 74.7 112.1

89 45.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.023 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003483.D

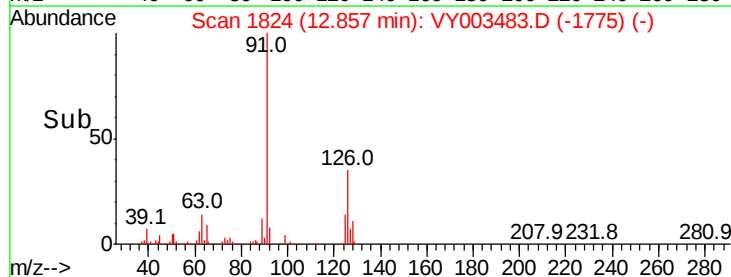
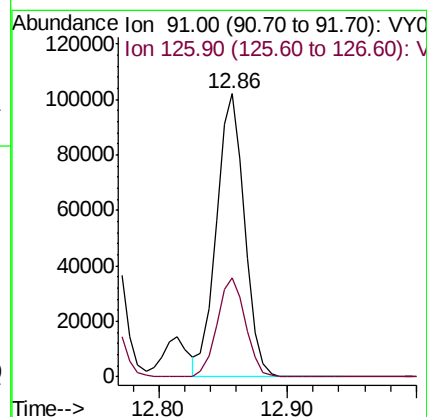
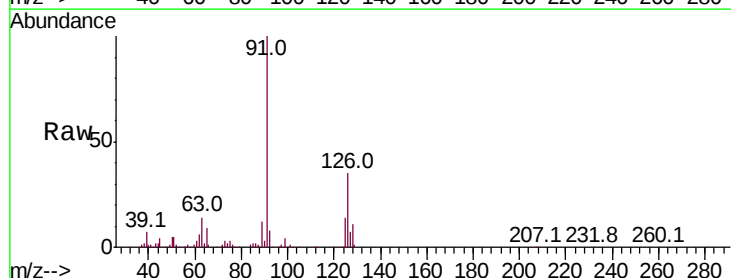
Acq: 03 Nov 2020 11:48

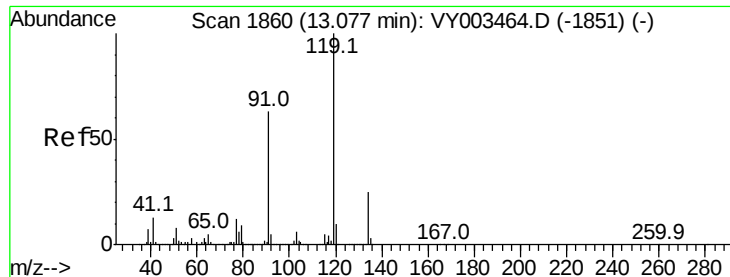
Tgt Ion: 91 Resp: 156333

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8





#83

tert-Butylbenzene

Concen: 20.679 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

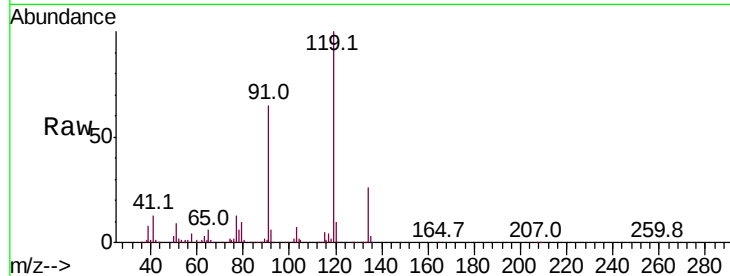
Tot Ion:119 Resp: 164316

Ion Ratio Lower Upper

119 100

91 61.9 31.1 93.2

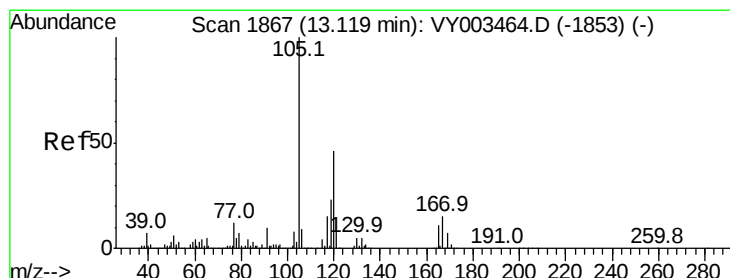
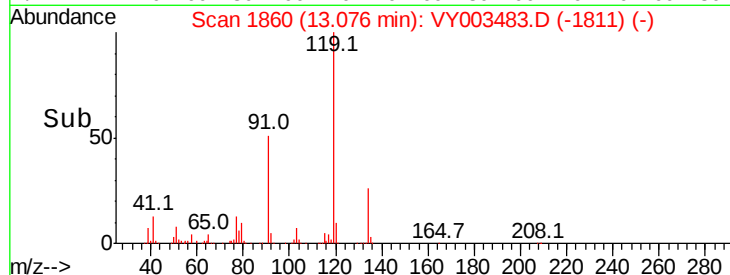
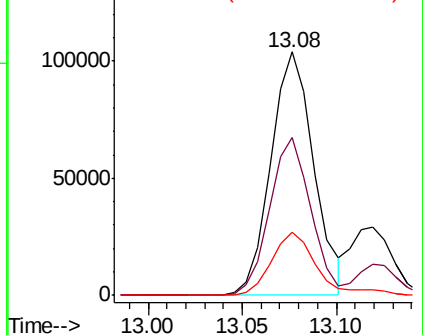
134 27.3 13.4 40.1



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: 20.957 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003483.D

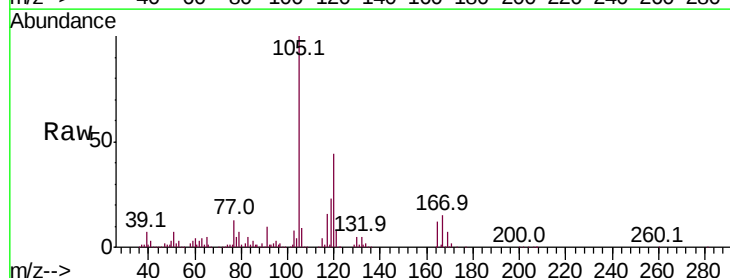
Acq: 03 Nov 2020 11:48

Tgt Ion:105 Resp: 187657

Ion Ratio Lower Upper

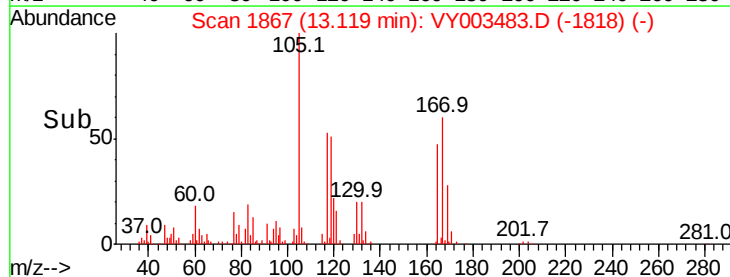
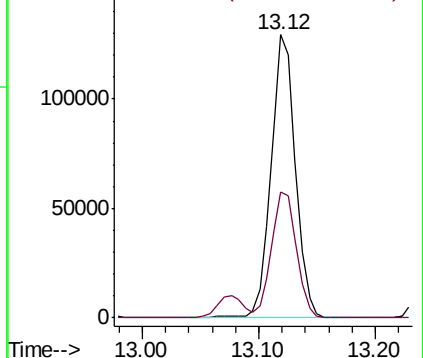
105 100

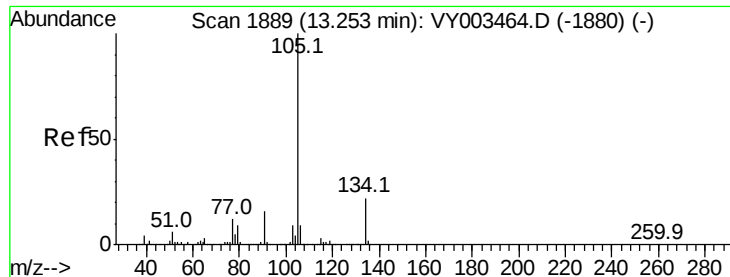
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.025 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

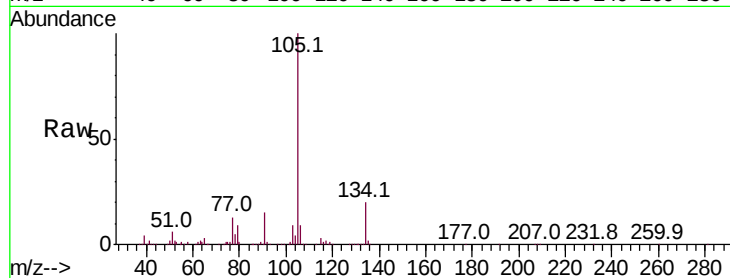
VY1103SBS01

Tot Ion:105 Resp: 226204

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

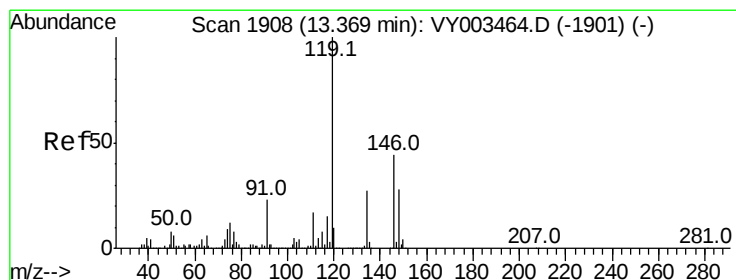
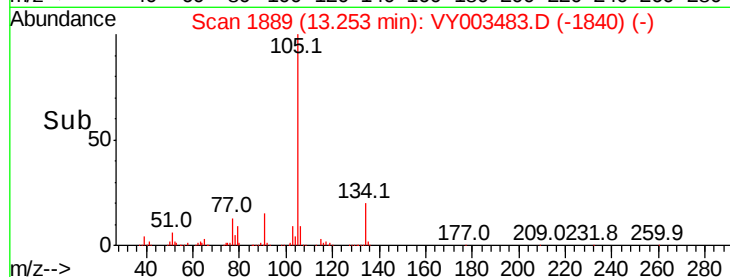
50000

0

13.25

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.737 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

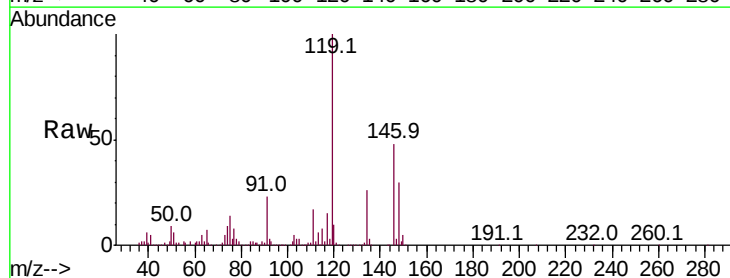
Tgt Ion:119 Resp: 206918

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.8 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

200000

150000

100000

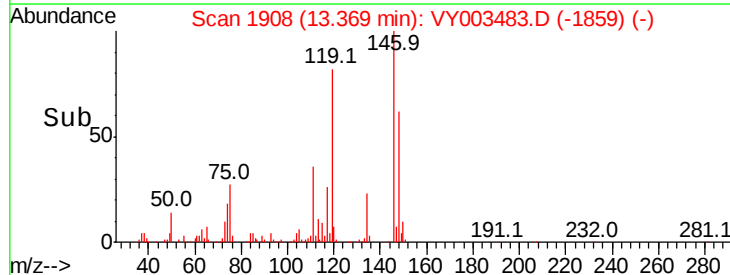
50000

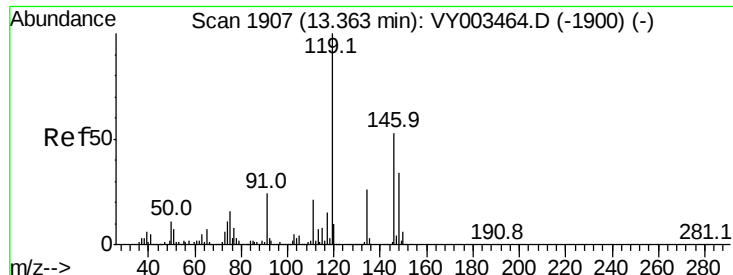
0

13.37

13.30 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.777 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

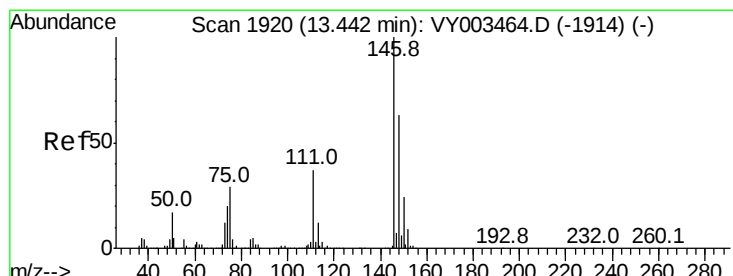
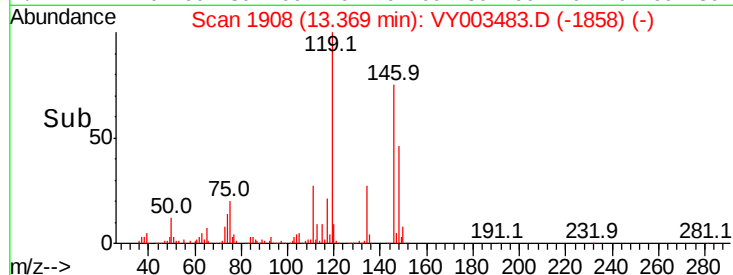
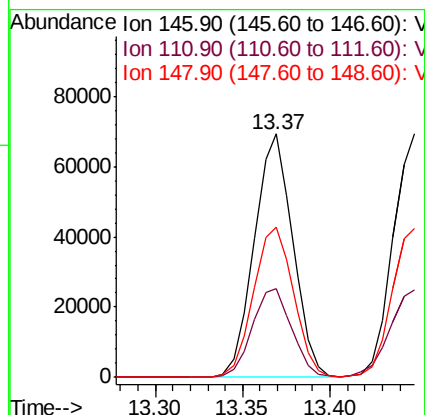
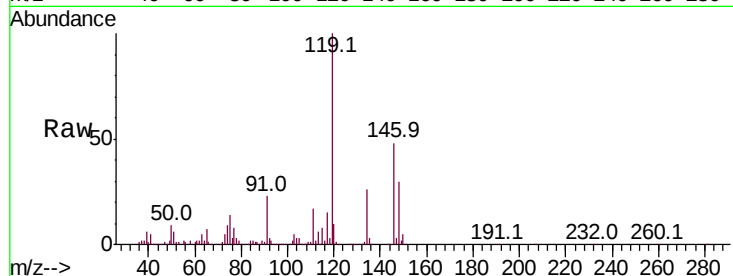
Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion:146 Resp: 106336

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	64.1	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 20.784 ug/l

RT: 13.45 min Scan# 1921

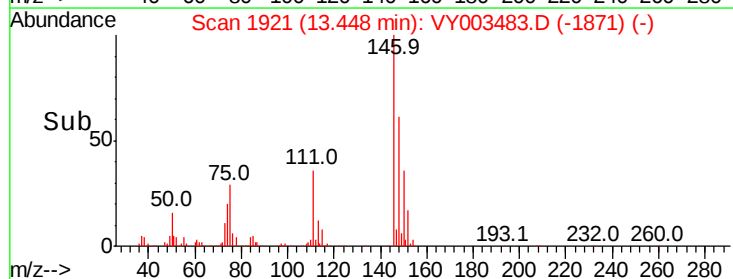
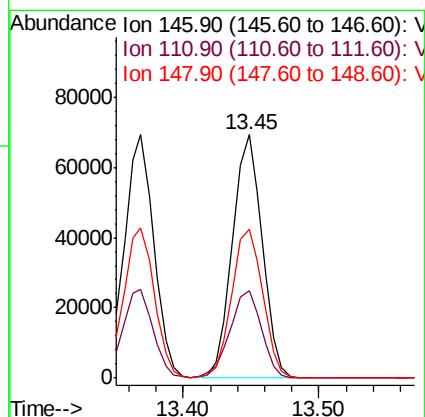
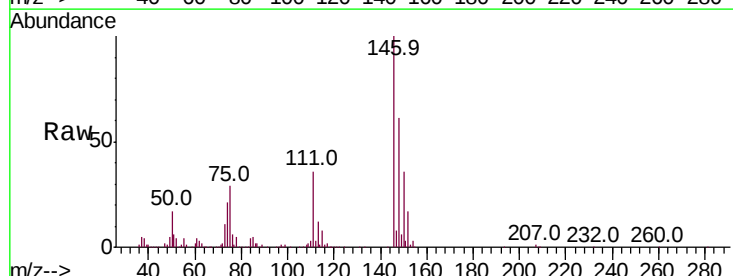
Delta R.T. 0.01 min

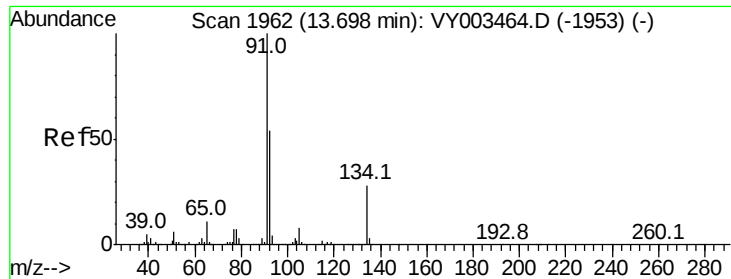
Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Tgt Ion:146 Resp: 105772

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	63.9	32.0	96.0

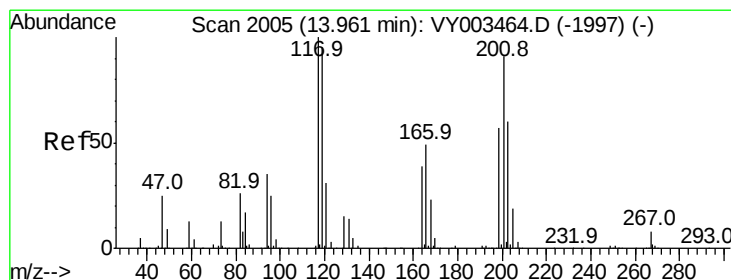
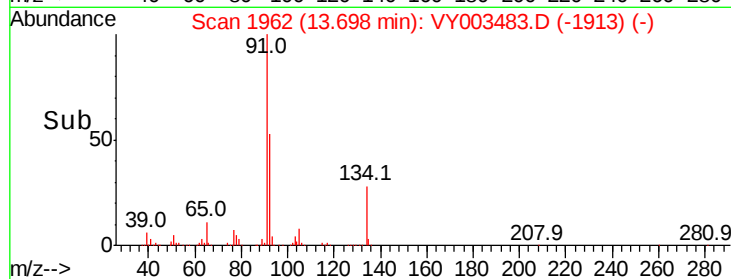
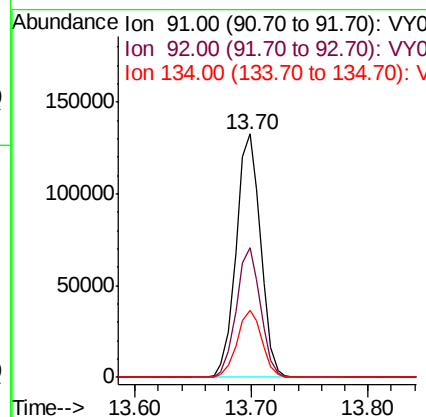
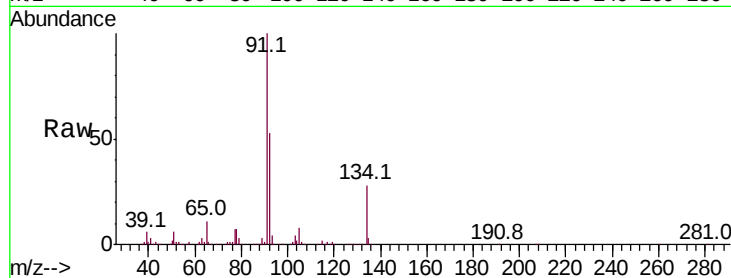




#89
n-Butylbenzene
Concen: 21.273 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

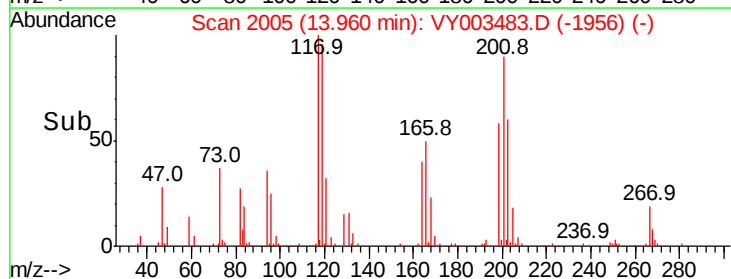
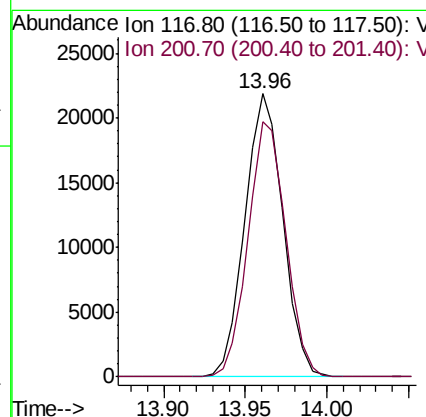
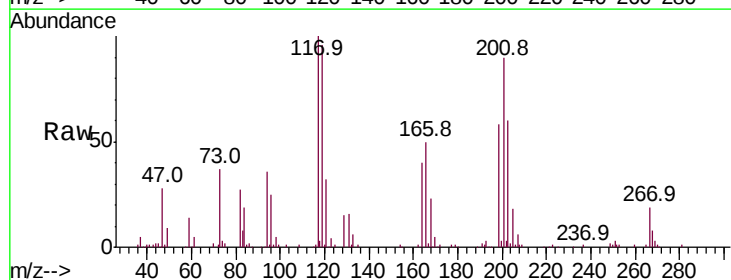
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

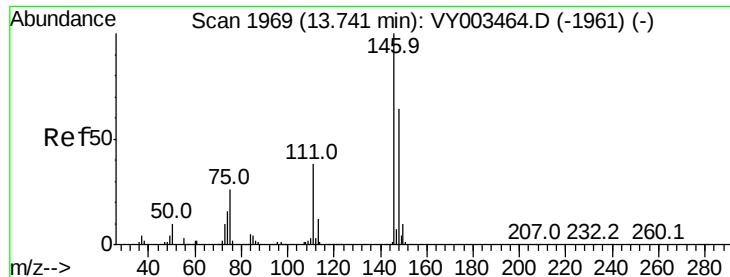
Tot Ion: 91 Resp: 193872
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 21.089 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003483.D
Acq: 03 Nov 2020 11:48

Tgt Ion: 117 Resp: 35415
Ion Ratio Lower Upper
117 100
201 89.8 46.6 139.8

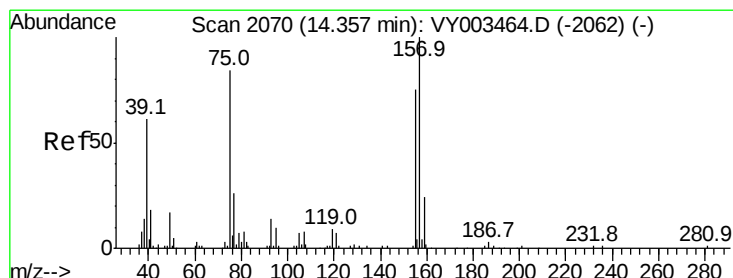
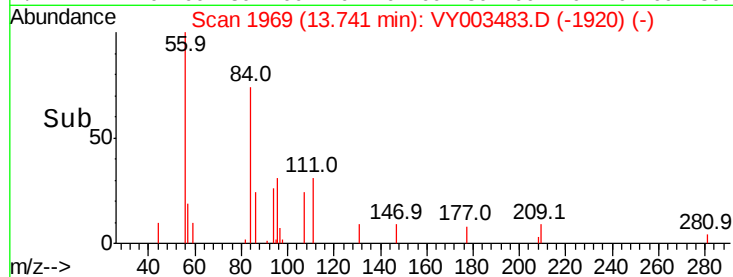
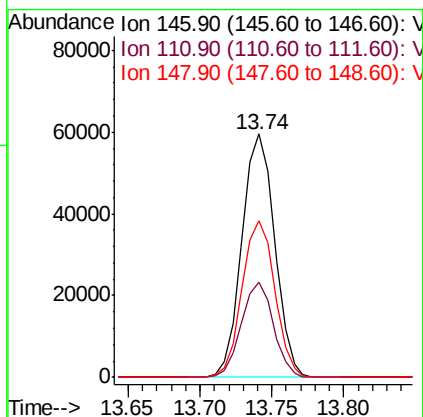
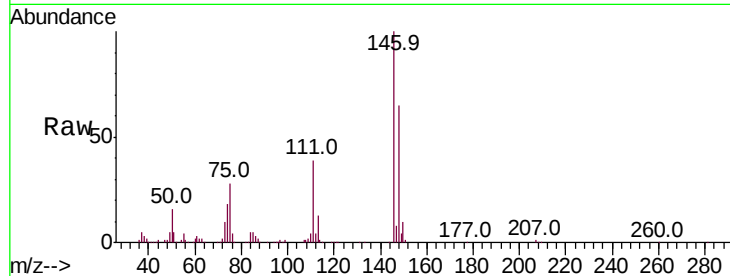




#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

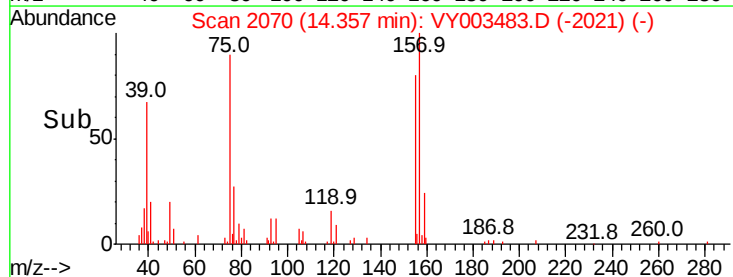
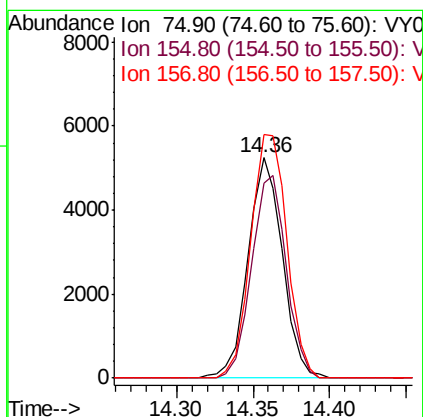
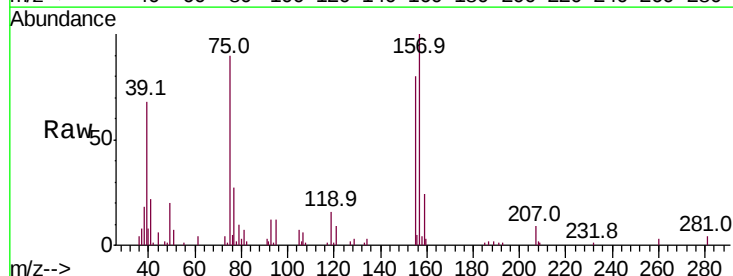
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

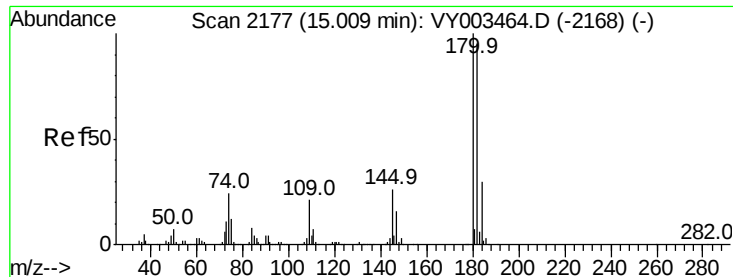
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.557 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	45.6	136.7
157	116.4	60.3	180.8

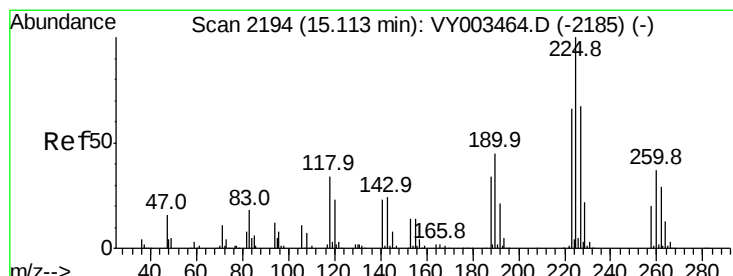
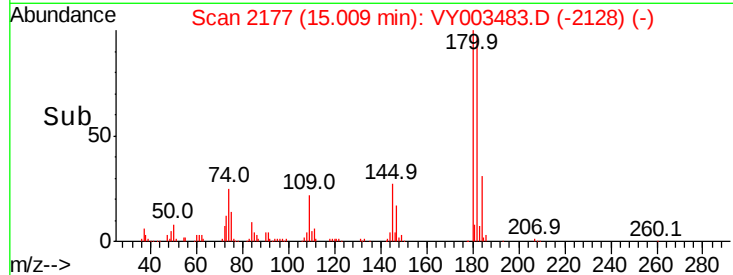
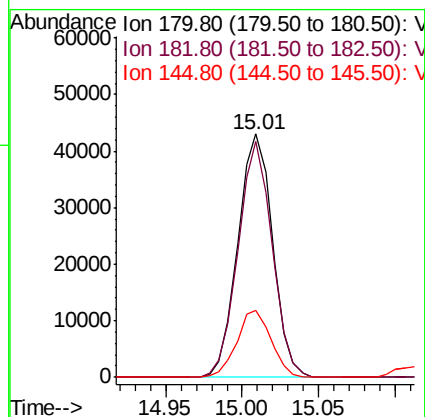
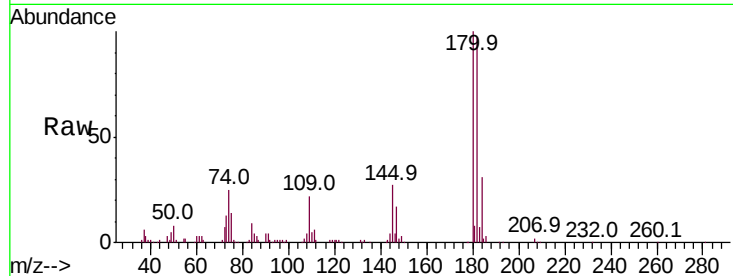




#93
 1,2,4-Trichlorobenzene
 Concen: 21.050 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

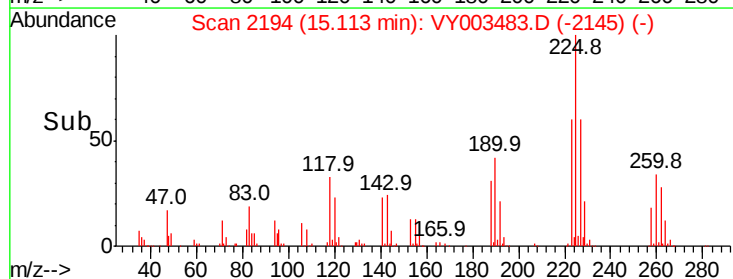
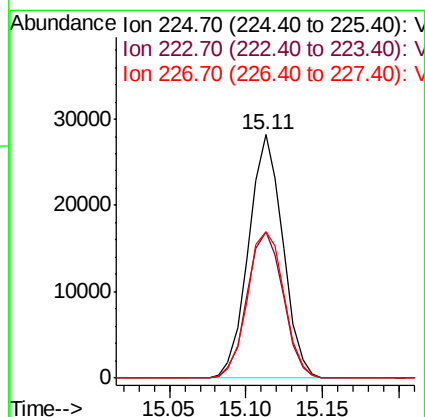
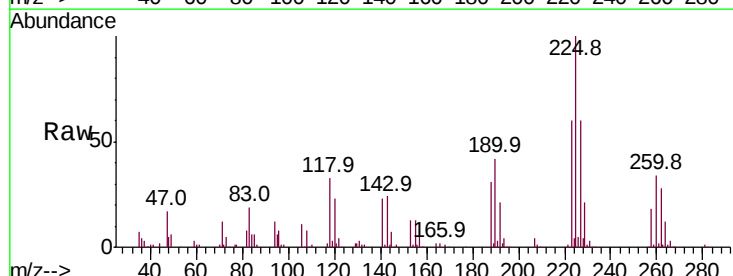
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

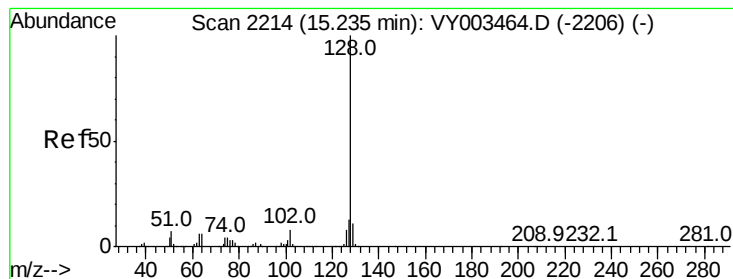
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	27.3	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 21.248 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003483.D
 Acq: 03 Nov 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 20.034 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

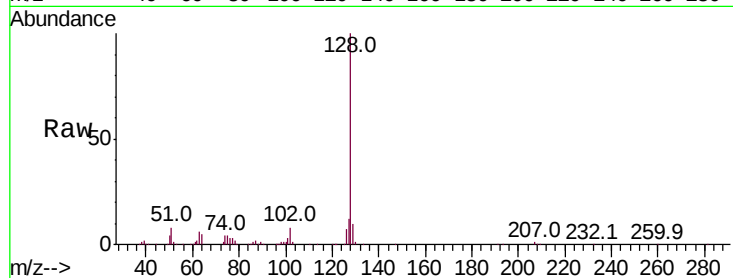
Tot Ion:128 Resp: 129015

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

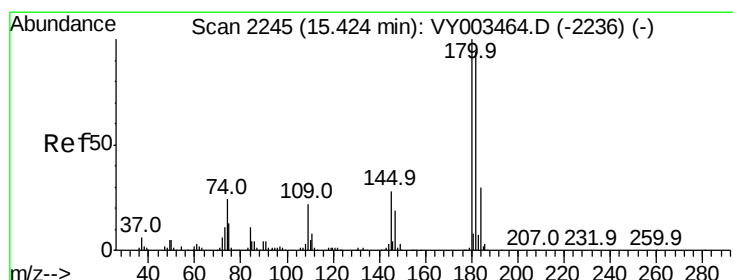
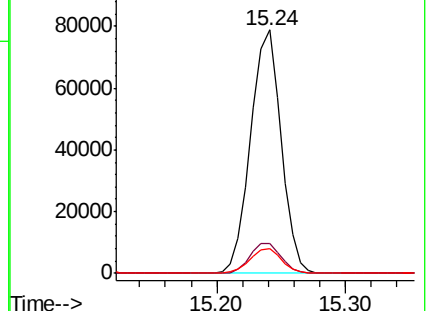
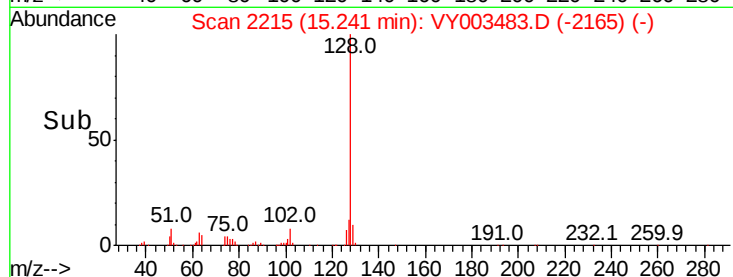
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.091 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

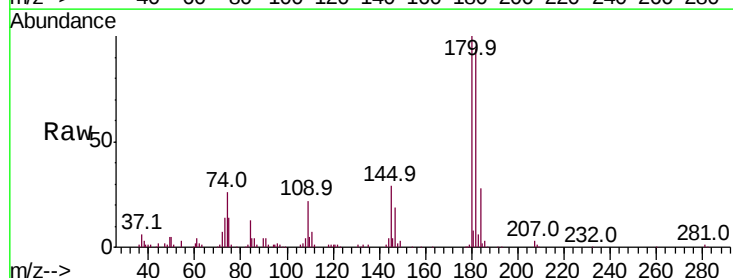
Tgt Ion:180 Resp: 61013

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.7

145 27.9 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

