

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003484.D
 Acq On : 03 Nov 2020 12:10
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Quant Time: Nov 04 00:22:41 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	238438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	343905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122245	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.73	113	104125	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.18	98	428756	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	142605	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38851	20.594	ug/l	99
3) Chloromethane	2.12	50	51493	20.733	ug/l	97
4) Vinyl Chloride	2.26	62	57349	20.571	ug/l	98
5) Bromomethane	2.65	94	45907	19.709	ug/l	96
6) Chloroethane	2.80	64	36072	21.709	ug/l	98
7) Trichlorofluoromethane	3.13	101	73894	20.882	ug/l	96
8) Diethyl Ether	3.54	74	24108	22.216	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41798	21.371	ug/l	99
10) Methyl Iodide	4.10	142	40840	23.075	ug/l	100
11) Tert butyl alcohol	4.97	59	36011	138.960	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	41479	21.316	ug/l	99
13) Acrolein	3.74	56	23266	114.689	ug/l	99
14) Allyl chloride	4.49	41	75481	21.261	ug/l	100
15) Acrylonitrile	5.18	53	62654	108.165	ug/l	99
16) Acetone	3.96	43	79042	98.021	ug/l	99
17) Carbon Disulfide	4.21	76	135028	21.419	ug/l	98
18) Methyl Acetate	4.49	43	32481	21.315	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	106344	22.064	ug/l	96
20) Methylene Chloride	4.73	84	50833	22.384	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	47477	21.070	ug/l	98
22) Diisopropyl ether	6.14	45	137813	22.132	ug/l	94
23) Vinyl Acetate	6.08	43	514252	109.899	ug/l	99
24) 1,1-Dichloroethane	6.04	63	86727	21.918	ug/l	99
25) 2-Butanone	7.00	43	105539	104.645	ug/l	96
26) 2,2-Dichloropropane	6.99	77	80029	21.709	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	52464	21.488	ug/l	98
28) Bromochloromethane	7.35	49	40667	20.429	ug/l	96
29) Tetrahydrofuran	7.36	42	58130	110.304	ug/l	99
30) Chloroform	7.52	83	85177	21.916	ug/l	98
31) Cyclohexane	7.79	56	76474	20.873	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	78936	21.771	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67855	20.927	ug/l	97
37) Ethyl Acetate	7.08	43	43849	21.778	ug/l	99
38) Carbon Tetrachloride	7.91	117	69956	20.797	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	75332	20.865	ug/l	97
40) Benzene	8.17	78	193151	21.405	ug/l	99
41) Methacrylonitrile	7.36	41	55449	51.571	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	60420	21.370	ug/l	99
43) Isopropyl Acetate	8.28	43	77862	21.518	ug/l	99
44) Trichloroethene	8.94	130	53242	21.018	ug/l	99
45) 1,2-Dichloropropane	9.22	63	49539	21.739	ug/l	99
46) Dibromomethane	9.31	93	26710	21.305	ug/l	99
47) Bromodichloromethane	9.50	83	65931	21.486	ug/l	100
48) Methyl methacrylate	9.30	41	36105	21.182	ug/l	98
49) 1,4-Dioxane	9.30	88	6696	428.054	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	211991	109.957	ug/l	99
52) Toluene	10.25	92	120614	21.371	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	69846	21.389	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	78739	21.428	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37646	21.153	ug/l	100
56) Ethyl methacrylate	10.51	69	51849	21.751	ug/l	98
57) 1,3-Dichloropropane	10.79	76	67787	21.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	134632	111.412	ug/l	100
59) 2-Hexanone	10.83	43	151730	106.294	ug/l	98
60) Dibromochloromethane	10.99	129	46751	21.374	ug/l	99
61) 1,2-Dibromoethane	11.09	107	36727	21.376	ug/l	98
64) Tetrachloroethene	10.72	164	49981	21.718	ug/l	96
65) Chlorobenzene	11.52	112	128742	21.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48981	21.694	ug/l	99
67) Ethyl Benzene	11.60	91	230304	21.215	ug/l	99
68) m/p-Xylenes	11.70	106	175634	42.694	ug/l	99
69) o-Xylene	12.03	106	80629	21.307	ug/l	97
70) Styrene	12.05	104	137504	21.401	ug/l	99
71) Bromoform	12.20	173	32429	21.549	ug/l #	100
73) Isopropylbenzene	12.33	105	223195	21.344	ug/l	100
74) N-amyl acetate	12.14	43	64813	21.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48392	21.665	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64823	38.271	ug/l #	100
77) Bromobenzene	12.61	156	56108	21.118	ug/l	97
78) n-propylbenzene	12.67	91	266594	21.644	ug/l	100
79) 2-Chlorotoluene	12.75	91	148953	21.645	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	190010	21.930	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17382	21.419	ug/l	98
82) 4-Chlorotoluene	12.86	91	156942	21.823	ug/l	99
83) tert-Butylbenzene	13.08	119	164599	21.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	188139	21.727	ug/l	100
85) sec-Butylbenzene	13.25	105	224486	21.575	ug/l	100
86) p-Isopropyltoluene	13.37	119	206249	21.374	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	106544	21.527	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	105729	21.483	ug/l	99
89) n-Butylbenzene	13.70	91	190635	21.630	ug/l	99
90) Hexachloroethane	13.96	117	35276	21.722	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	95385	21.694	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9111	22.533	ug/l	94

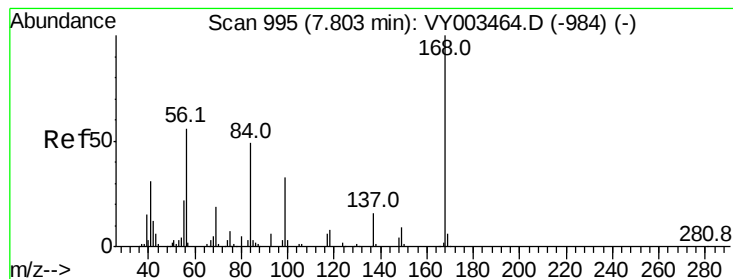
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
Data File : VY003484.D
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Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69355	22.300	ug/l	99
94) Hexachlorobutadiene	15.11	225	44488	22.237	ug/l	97
95) Naphthalene	15.23	128	135611	21.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	60936	21.782	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

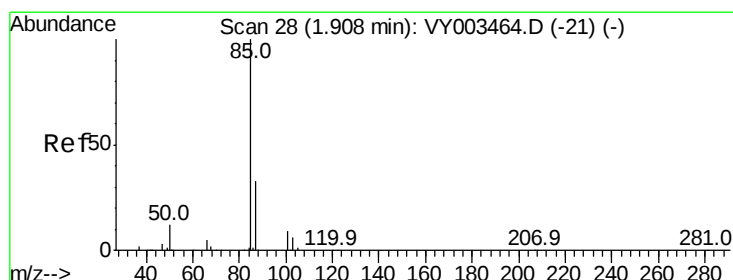
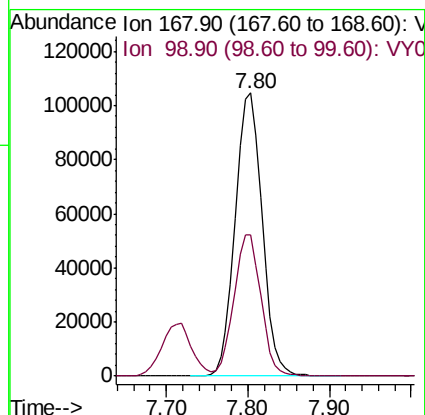
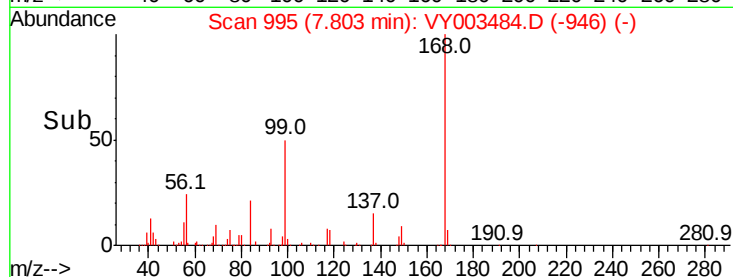
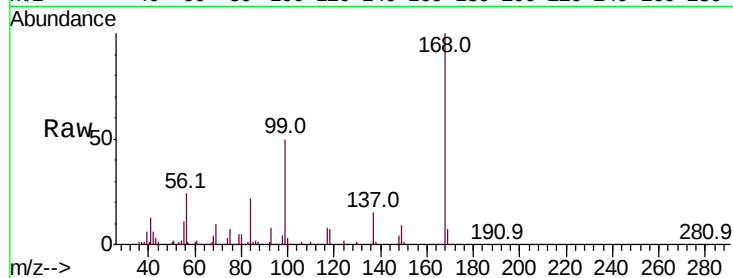
VY1103SBS01

Tot Ion:168 Resp: 238438

Ion Ratio Lower Upper

168 100

99 49.6 39.7 59.5



#2

Dichlorodifluoromethane

Concen: 20.594 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003484.D

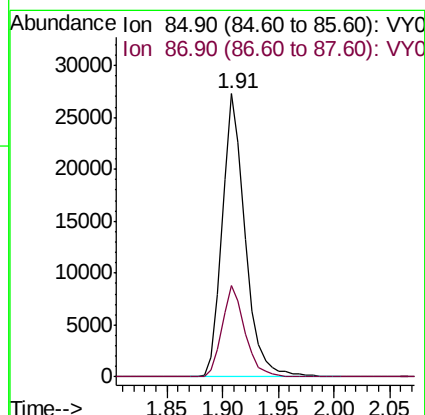
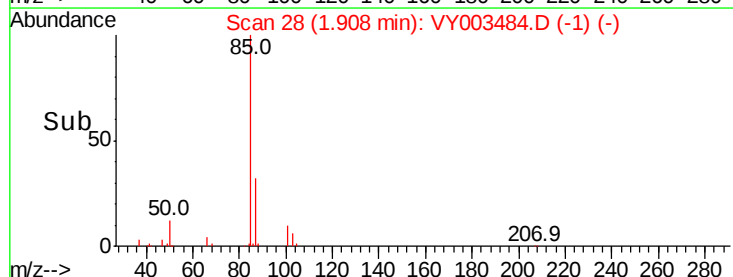
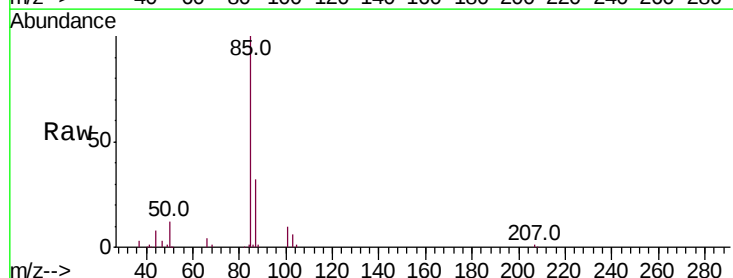
Acq: 03 Nov 2020 12:10

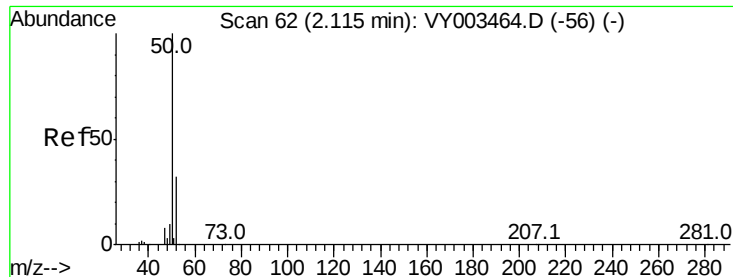
Tgt Ion: 85 Resp: 38851

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4





#3

Chloromethane

Concen: 20.733 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

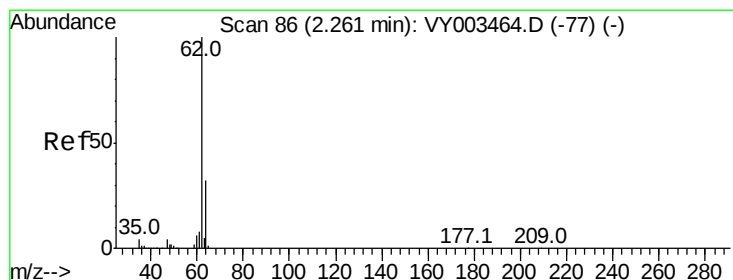
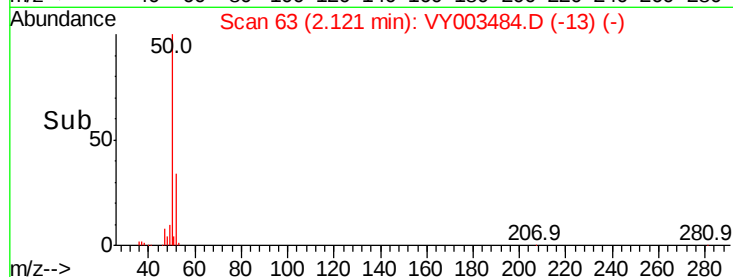
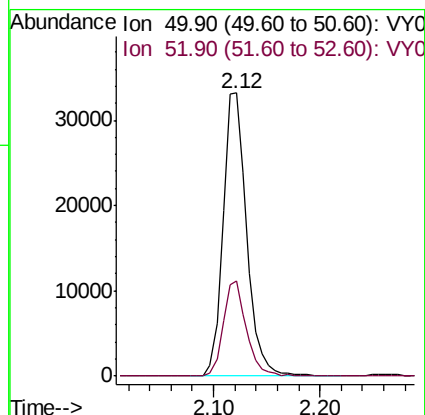
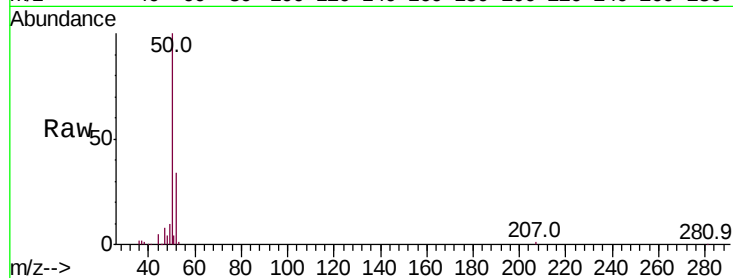
VY1103SBS01

Tot Ion: 50 Resp: 51493

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



#4

Vinyl Chloride

Concen: 20.571 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003484.D

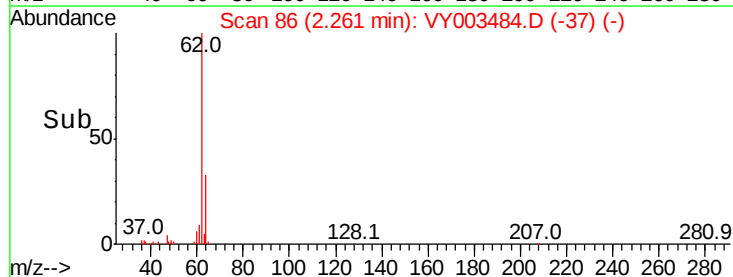
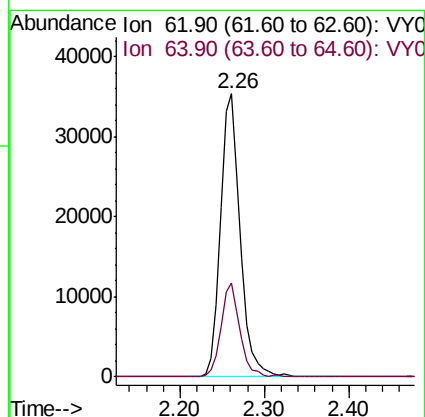
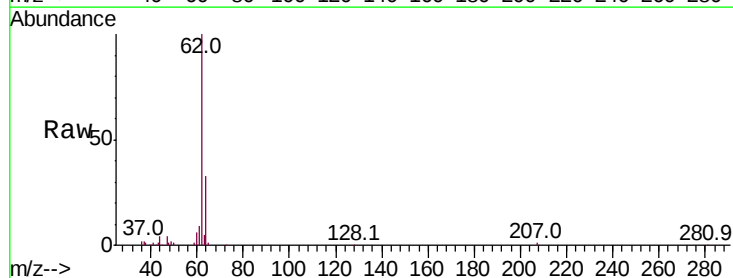
Acq: 03 Nov 2020 12:10

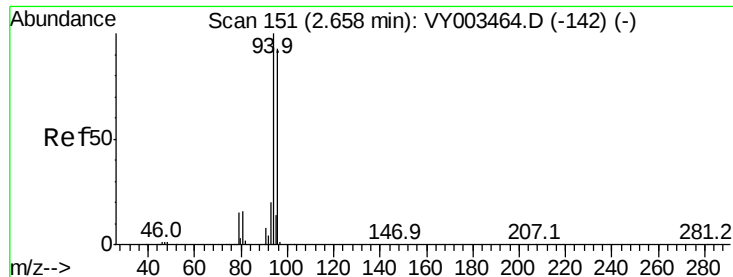
Tgt Ion: 62 Resp: 57349

Ion Ratio Lower Upper

62 100

64 33.2 25.5 38.3





#5

Bromomethane

Concen: 19.709 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

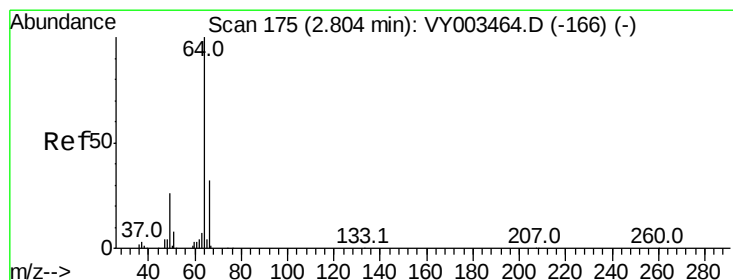
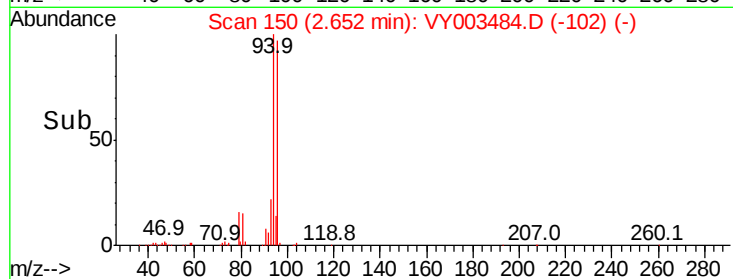
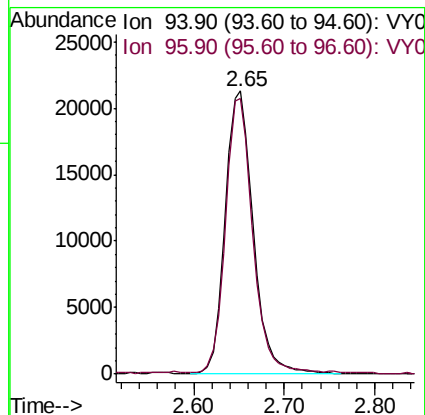
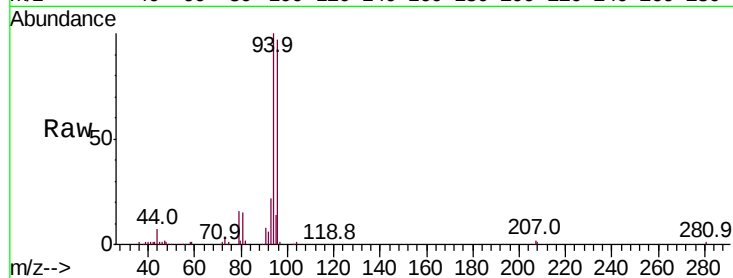
VY1103SBS01

Tot Ion: 94 Resp: 45907

Ion Ratio Lower Upper

94 100

96 96.7 74.6 112.0



#6

Chloroethane

Concen: 21.709 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003484.D

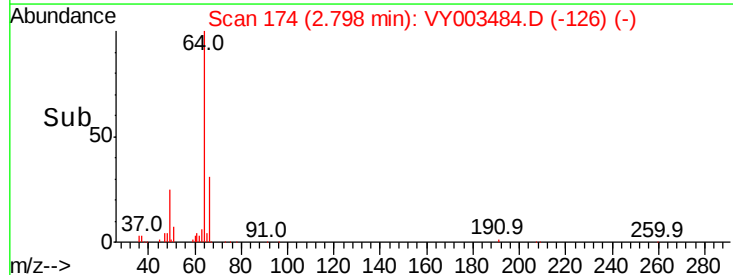
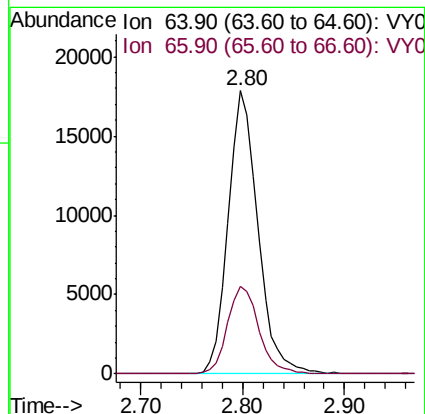
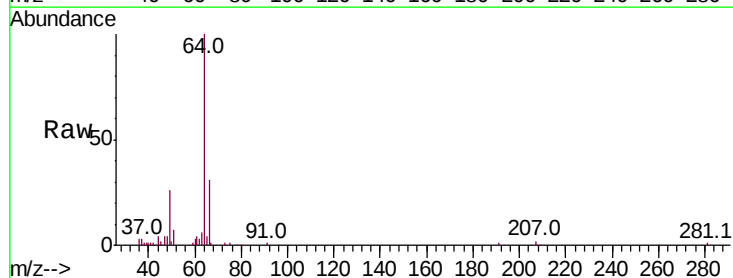
Acq: 03 Nov 2020 12:10

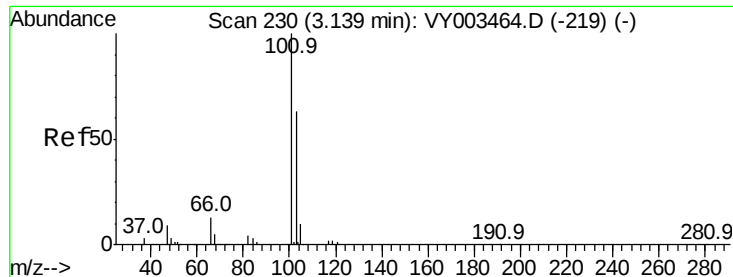
Tgt Ion: 64 Resp: 36072

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



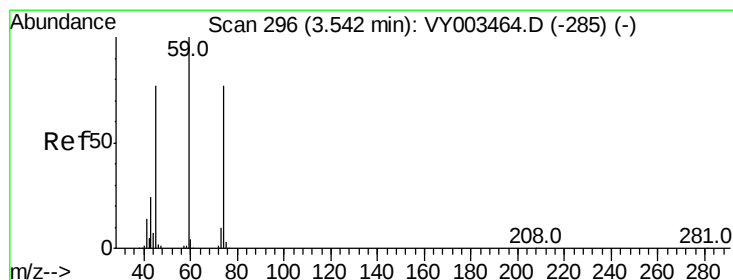
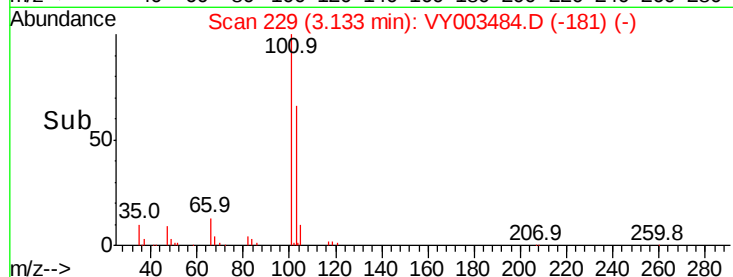
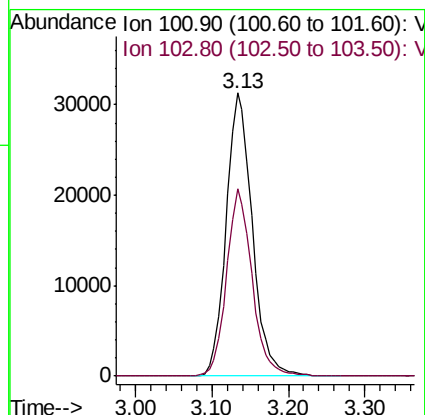
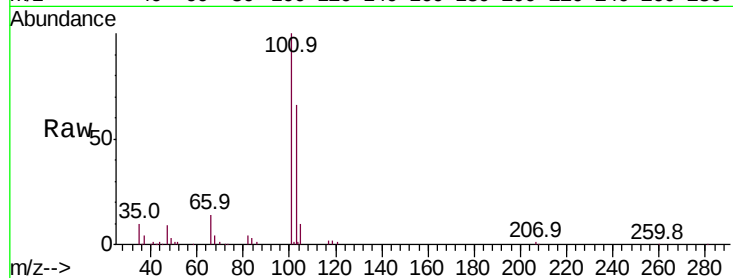


#7

Trichlorofluoromethane
 Concen: 20.882 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

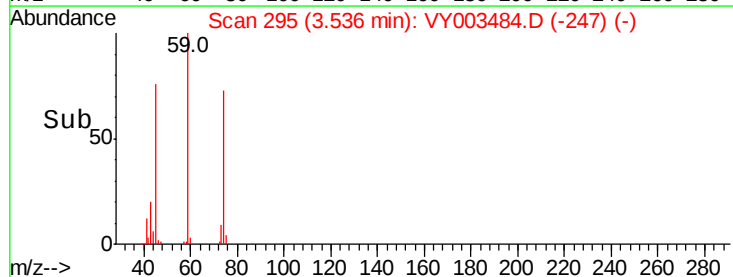
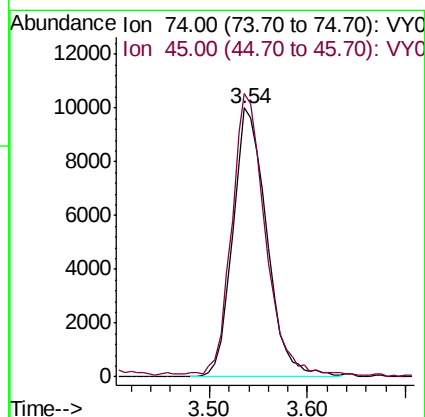
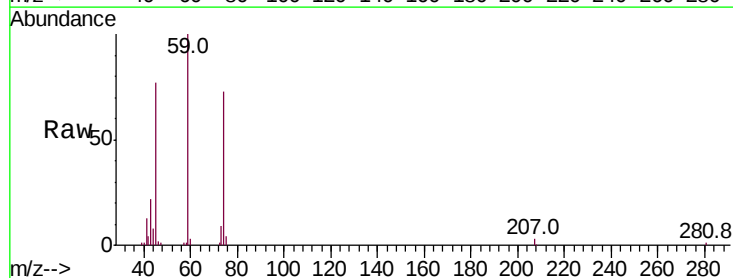
Tot Ion:101 Resp: 73894
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.7 76.1

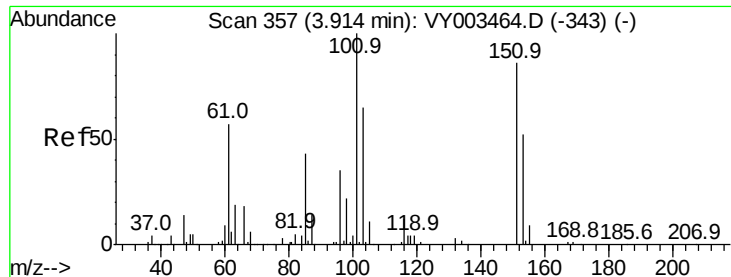


#8

Diethyl Ether
 Concen: 22.216 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion: 74 Resp: 24108
 Ion Ratio Lower Upper
 74 100
 45 102.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.371 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

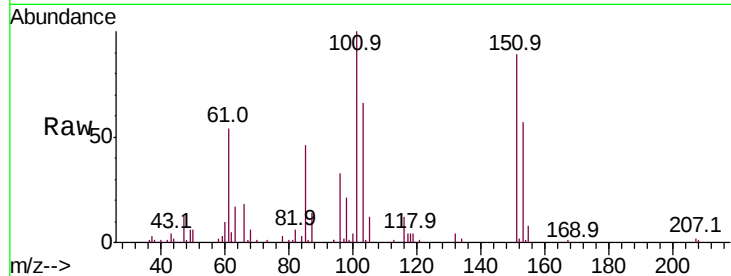
Tot Ion:101 Resp: 41798

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.8

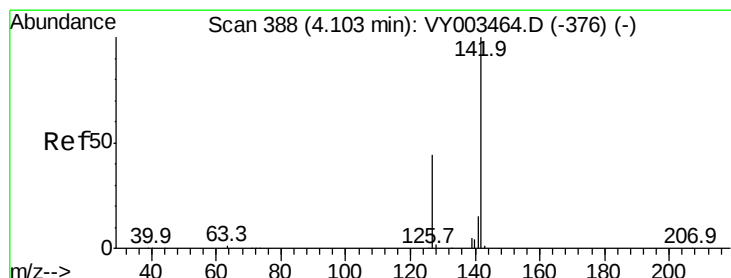
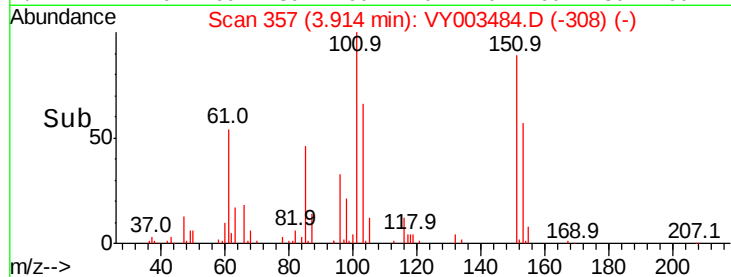
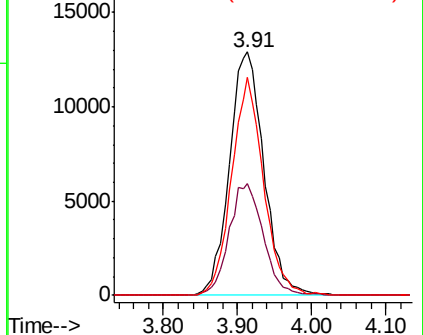
151 83.0 67.6 101.4



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: 23.075 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

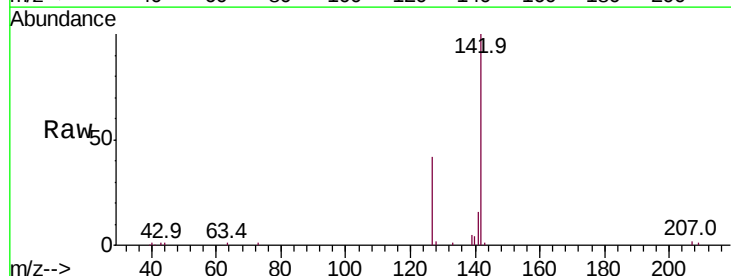
Tgt Ion:142 Resp: 40840

Ion Ratio Lower Upper

142 100

127 43.0 34.5 51.7

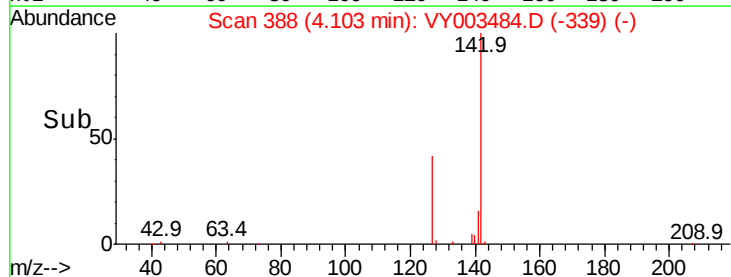
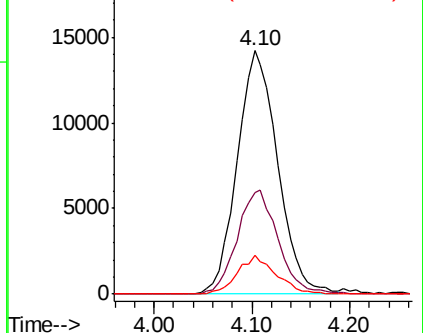
141 14.9 11.8 17.8

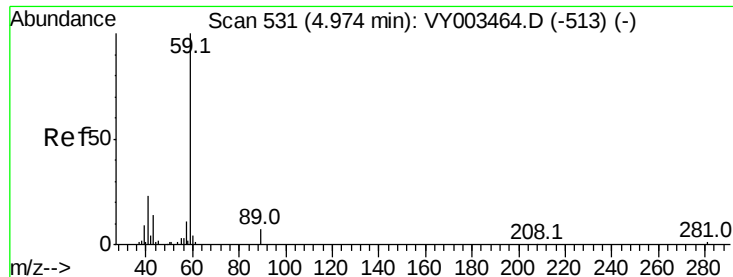


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



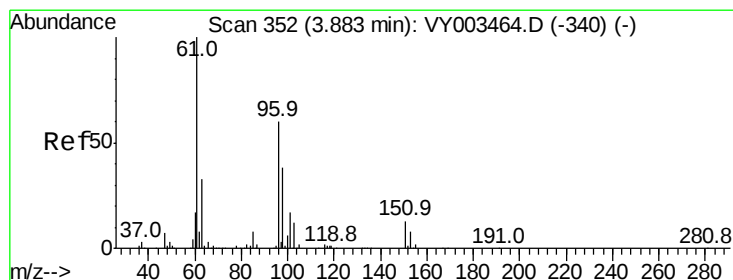
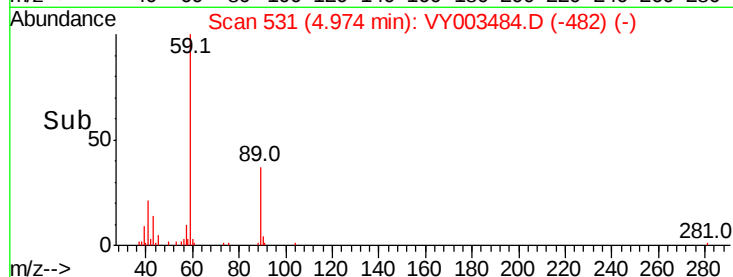
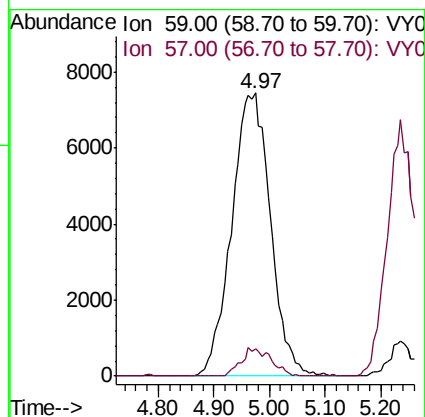
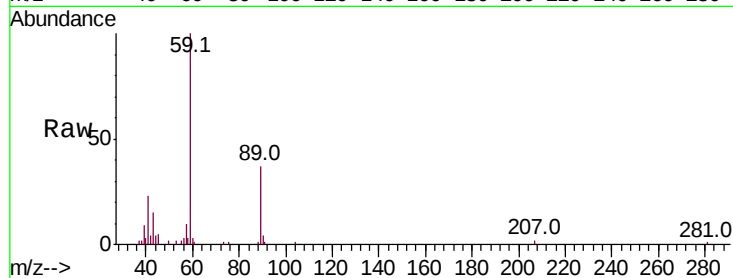


#11

Tert butyl alcohol
Concen: 138.960 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

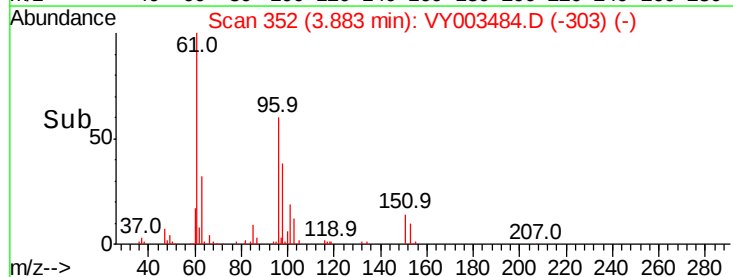
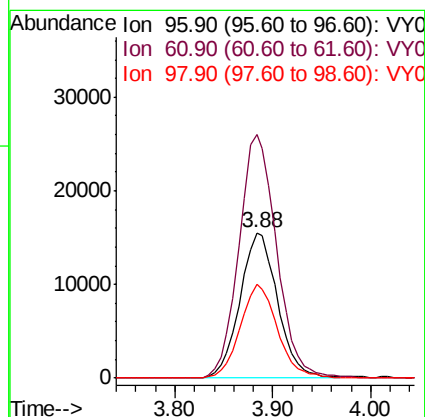
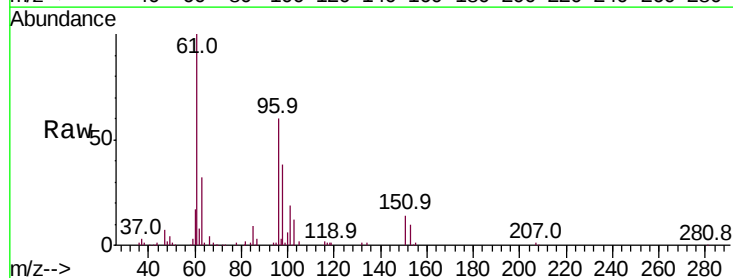
Tot Ion: 59 Resp: 36011
Ion Ratio Lower Upper
59 100
57 7.7 7.9 11.9#

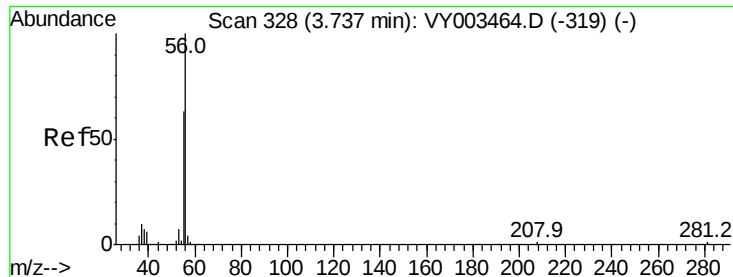


#12

1,1-Dichloroethene
Concen: 21.316 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 96 Resp: 41479
Ion Ratio Lower Upper
96 100
61 167.3 133.6 200.4
98 64.1 50.2 75.2





#13

Acrolein

Concen: 114.689 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

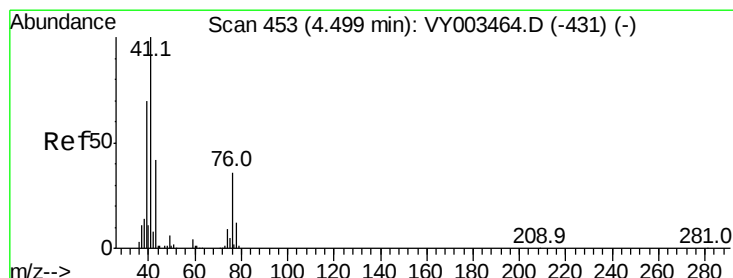
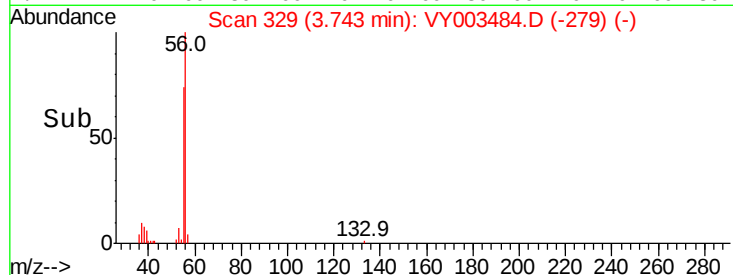
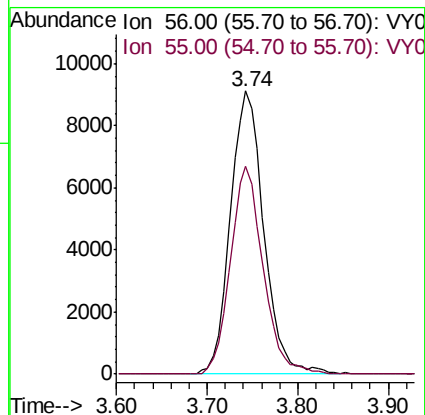
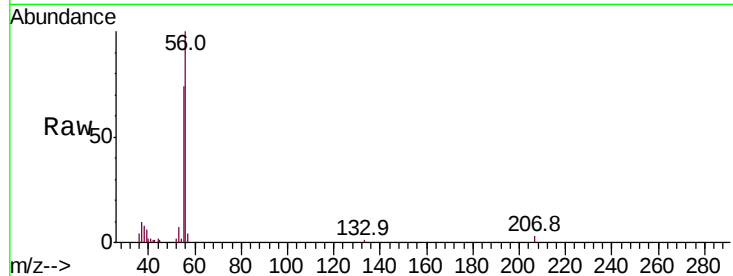
VY1103SBS01

Tot Ion: 56 Resp: 23266

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0



#14

Allyl chloride

Concen: 21.261 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

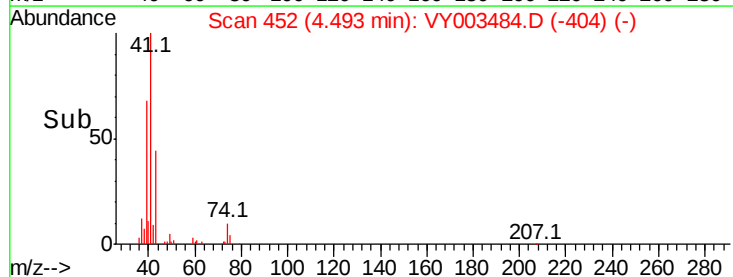
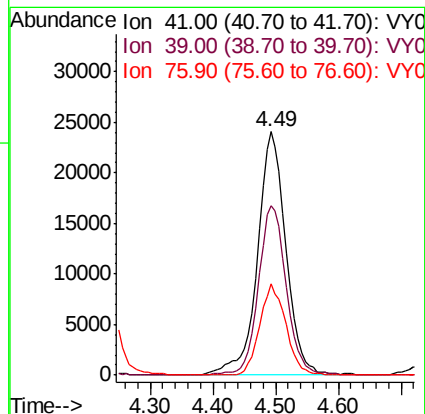
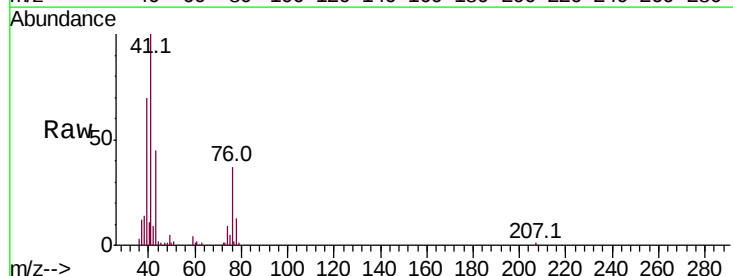
Tgt Ion: 41 Resp: 75481

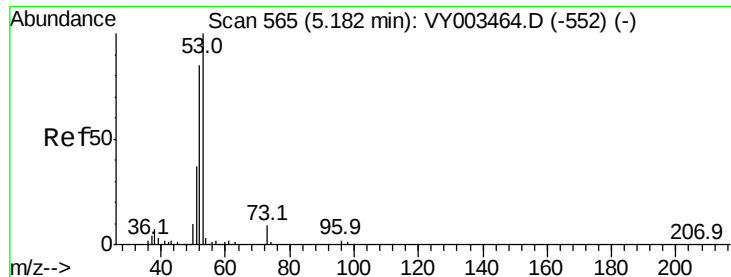
Ion Ratio Lower Upper

41 100

39 68.4 54.4 81.6

76 34.3 27.6 41.4





#15

Acrylonitrile

Concen: 108.165 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

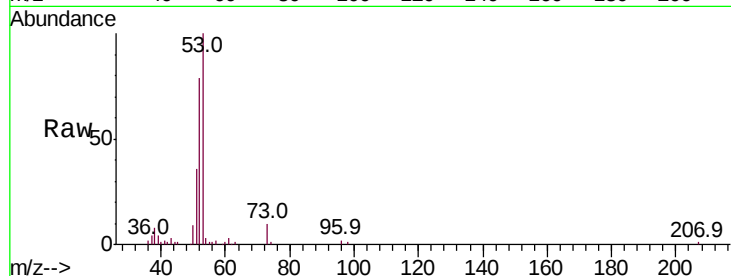
Tot Ion: 53 Resp: 62654

Ion Ratio Lower Upper

53 100

52 82.2 66.9 100.3

51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY003464.D (-552) (-)

Ion 52.00 (51.70 to 52.70): VY003464.D (-552) (-)

Ion 51.00 (50.70 to 51.70): VY003464.D (-552) (-)

5.18

25000

20000

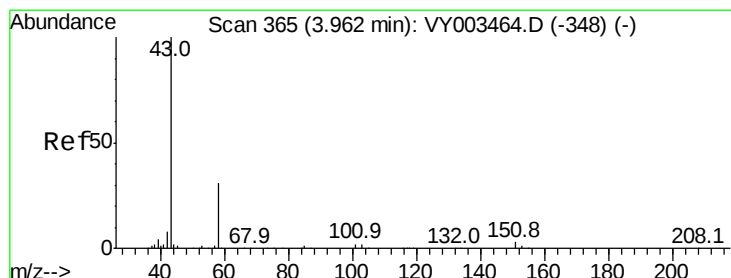
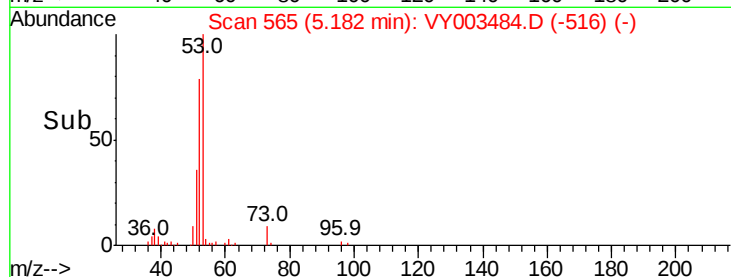
15000

10000

5000

0

Time--> 5.00 5.10 5.20 5.30 5.40



#16

Acetone

Concen: 98.021 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003484.D

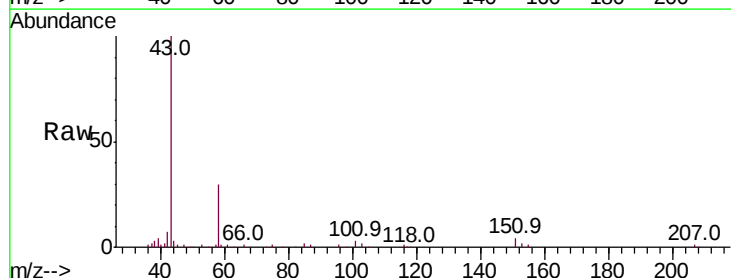
Acq: 03 Nov 2020 12:10

Tgt Ion: 43 Resp: 79042

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY003464.D (-348) (-)

3.96

30000

25000

20000

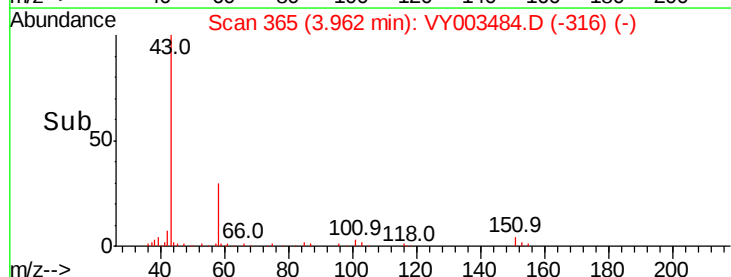
15000

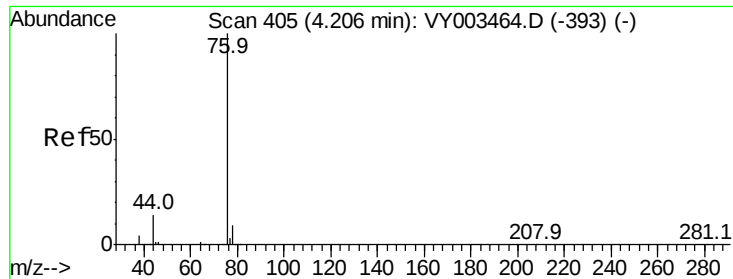
10000

5000

0

Time--> 3.80 3.90 4.00 4.10

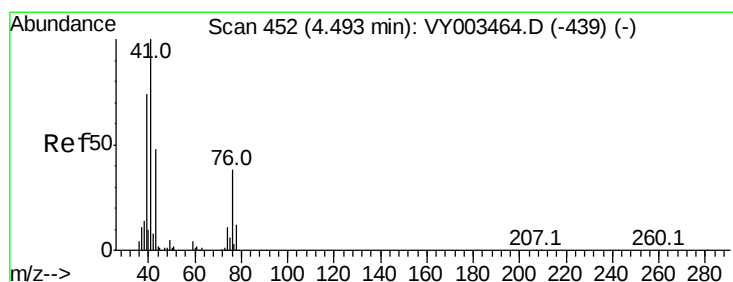
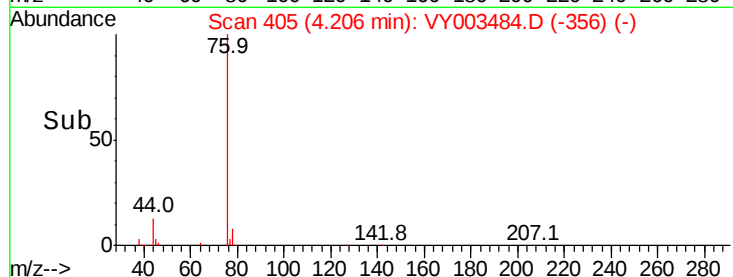
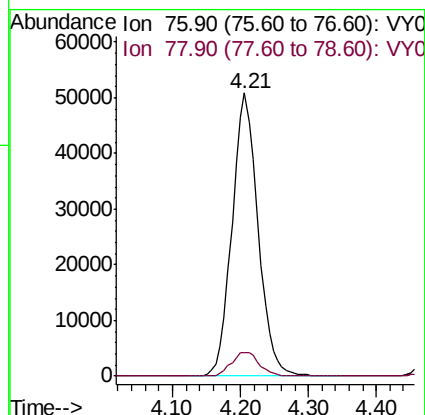
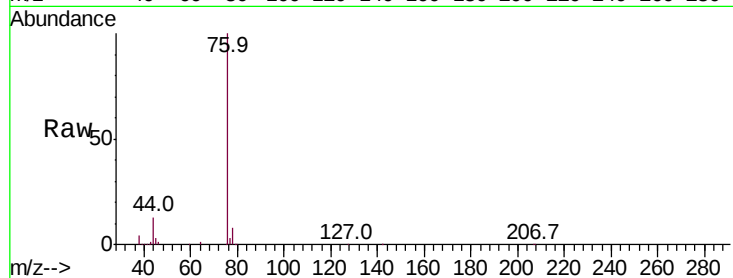




#17
Carbon Disulfide
Concen: 21.419 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

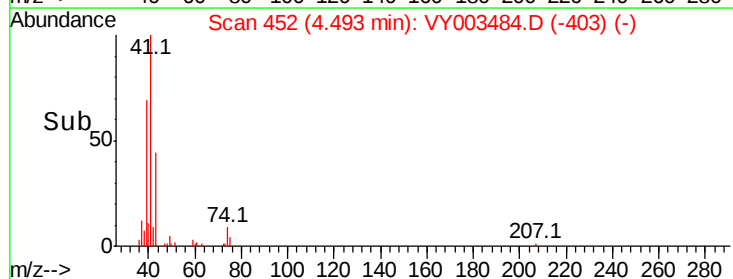
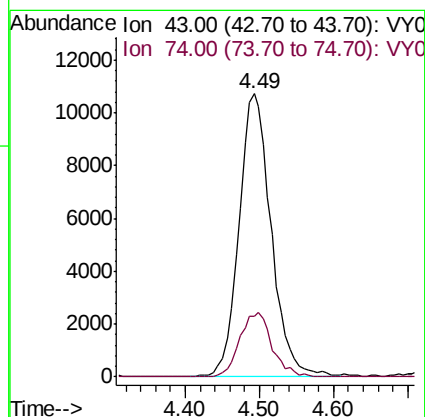
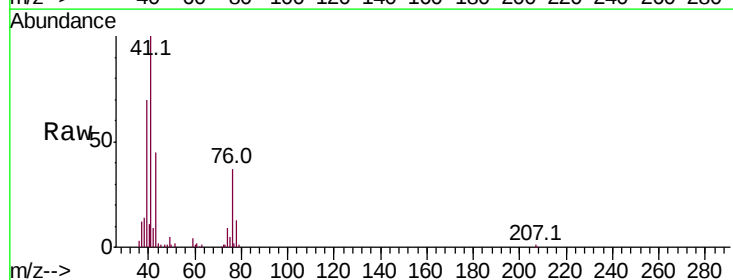
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

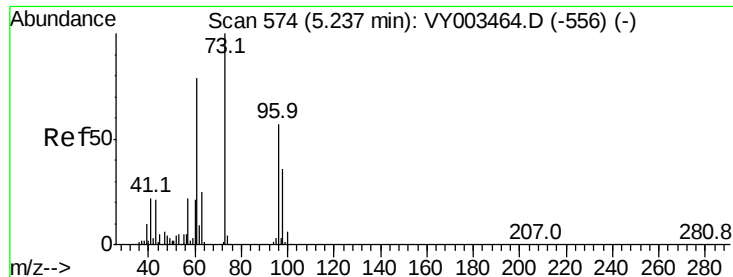
Tot Ion: 76 Resp: 135028
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 21.315 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 43 Resp: 32481
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6

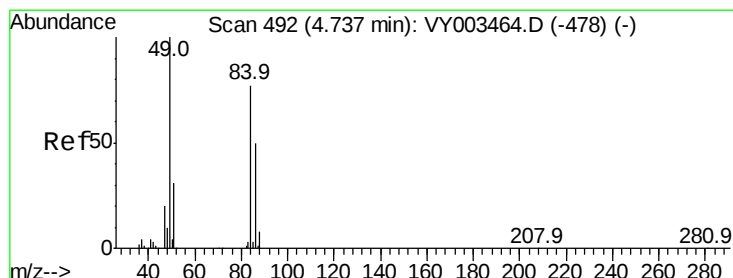
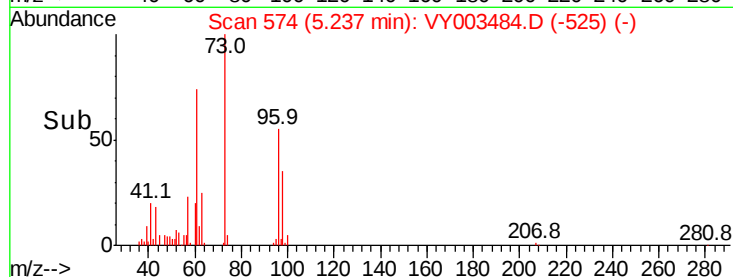
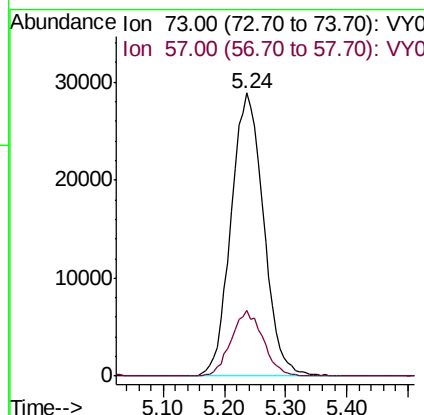
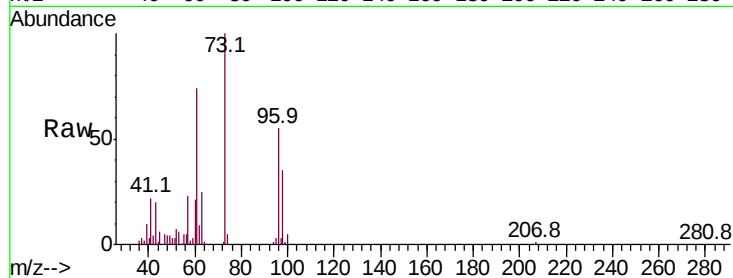




#19
Methvl tert-butvl Ether
Concen: 22.064 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

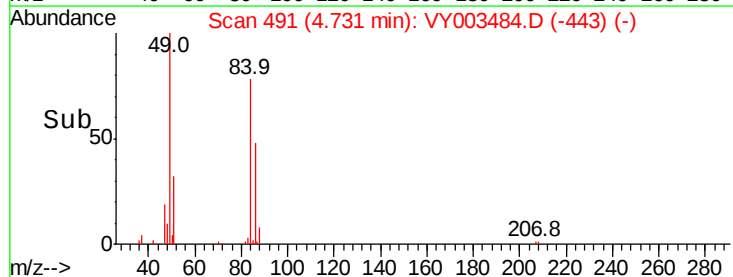
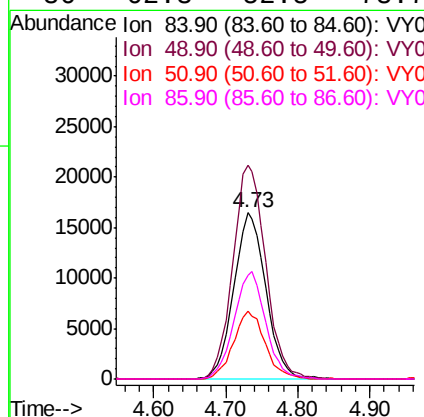
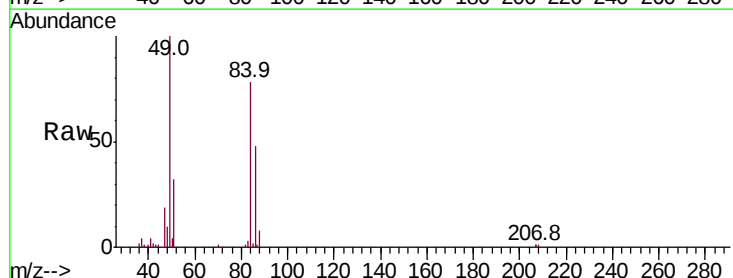
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

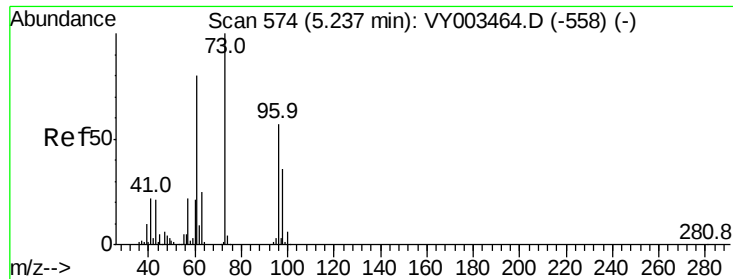
Tot Ion: 73 Resp: 106344
Ion Ratio Lower Upper
73 100
57 23.4 17.2 25.8



#20
Methylene Chloride
Concen: 22.384 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 84 Resp: 50833
Ion Ratio Lower Upper
84 100
49 128.5 104.3 156.5
51 40.5 32.5 48.7
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.070 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

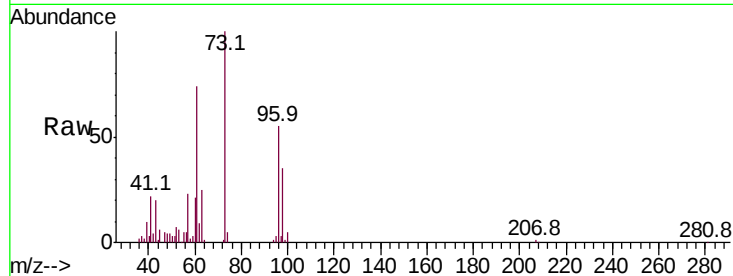
Tot Ion: 96 Resp: 47477

Ion Ratio Lower Upper

96 100

61 135.4 111.3 166.9

98 63.4 50.3 75.5

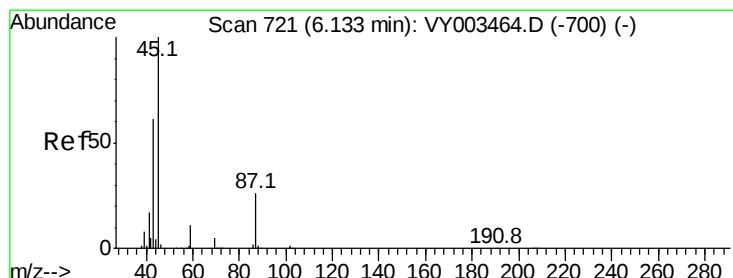
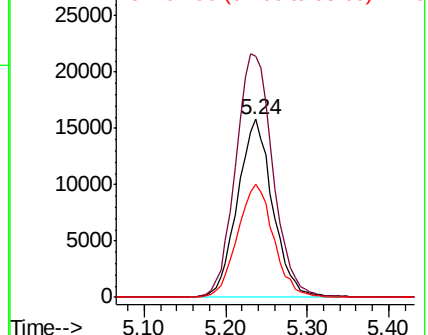
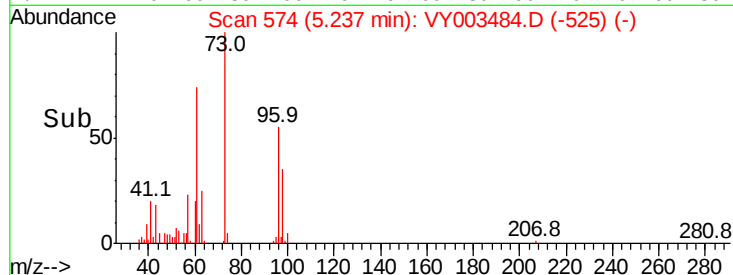


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.132 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion: 45 Resp: 137813

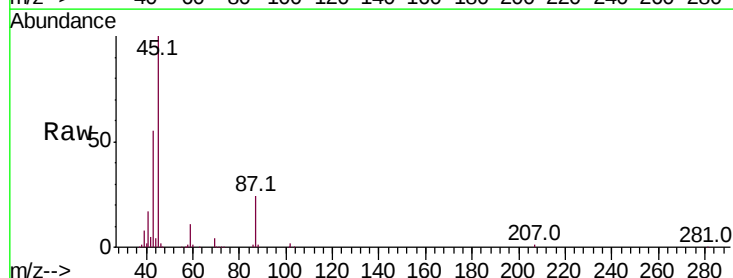
Ion Ratio Lower Upper

45 100

43 54.9 48.8 73.2

87 23.9 20.6 31.0

59 11.0 9.0 13.4



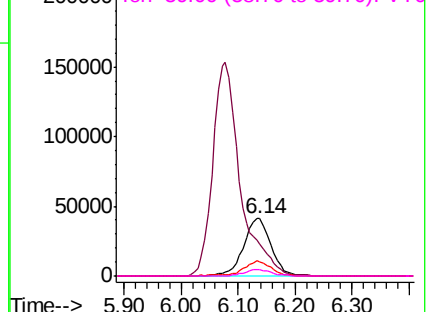
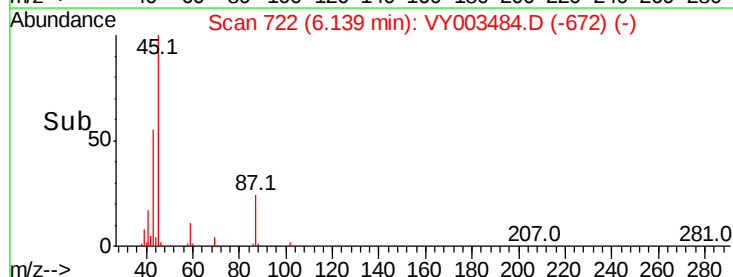
Abundance

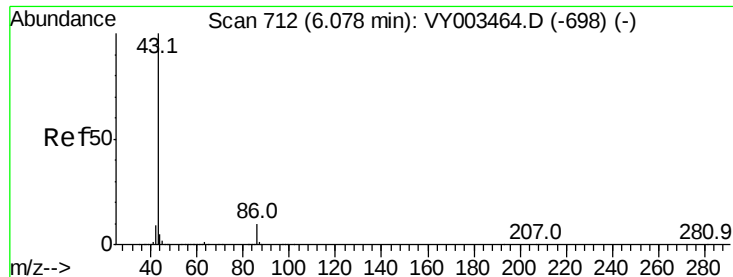
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.899 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

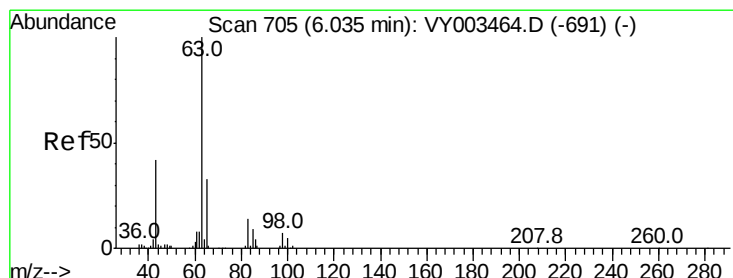
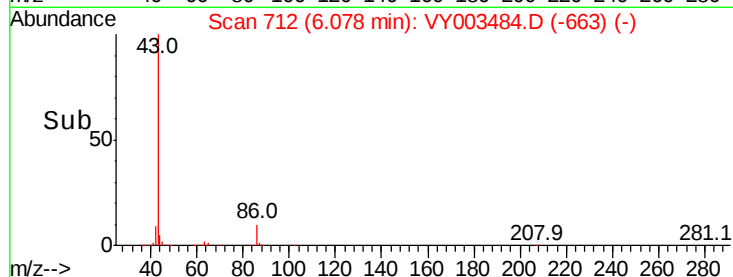
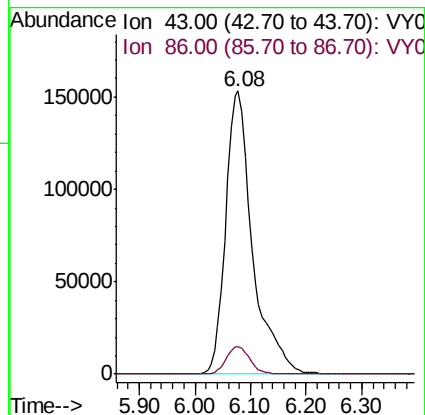
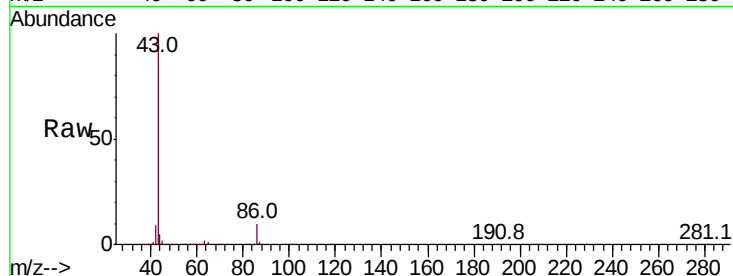
VY1103SBS01

Tot Ion: 43 Resp: 514252

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.2



#24

1,1-Dichloroethane

Concen: 21.918 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

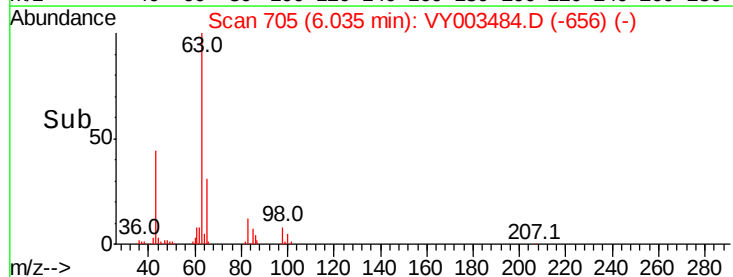
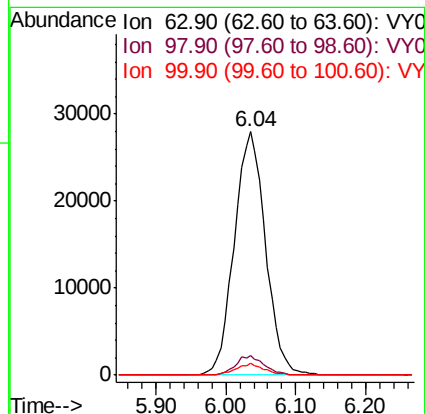
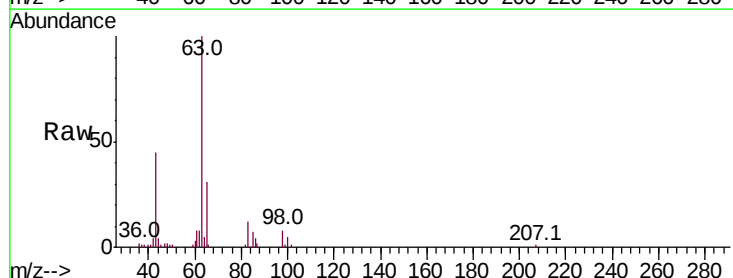
Tgt Ion: 63 Resp: 86727

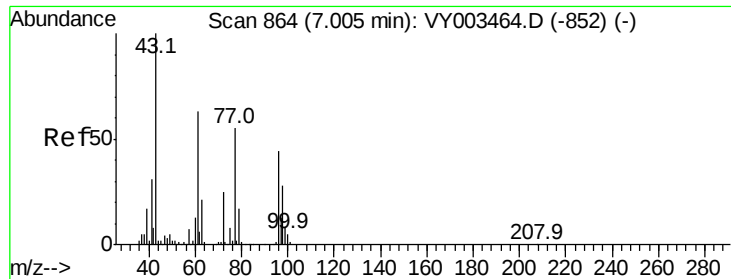
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 104.645 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

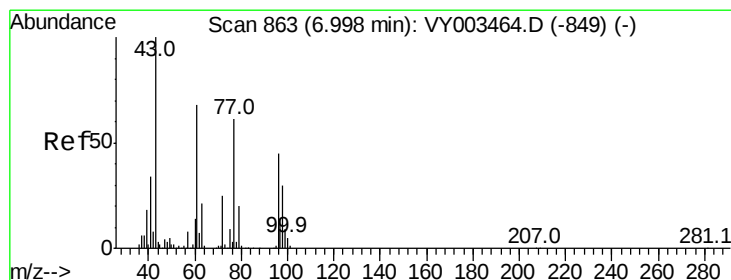
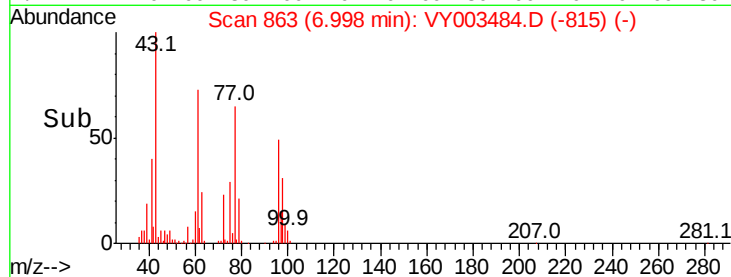
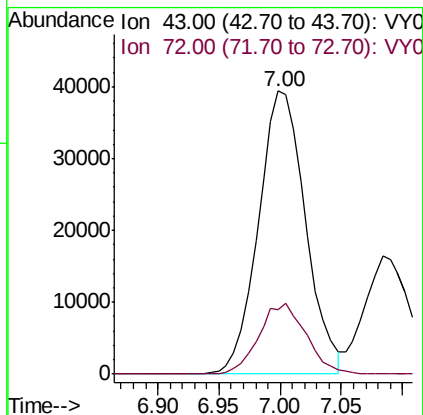
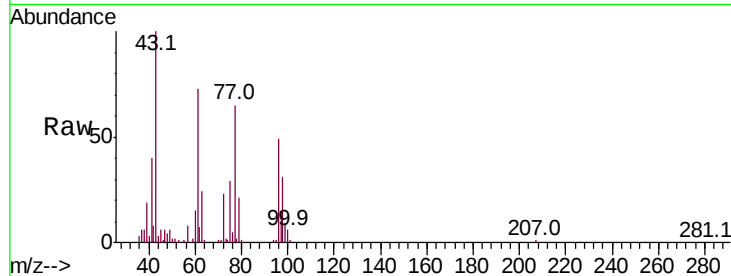
VY1103SBS01

Tot Ion: 43 Resp: 105539

Ion Ratio Lower Upper

43 100

72 23.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 21.709 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003484.D

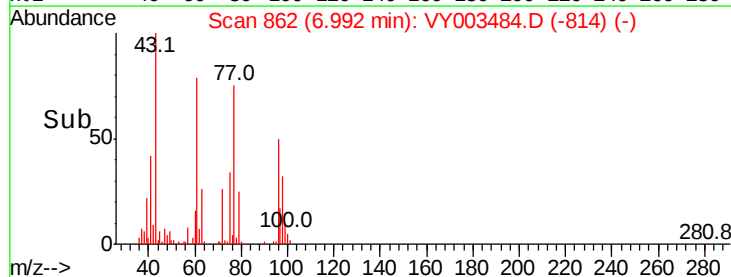
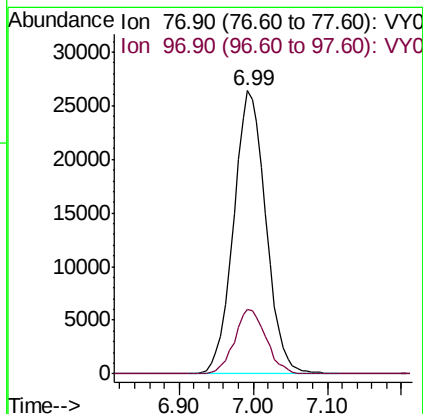
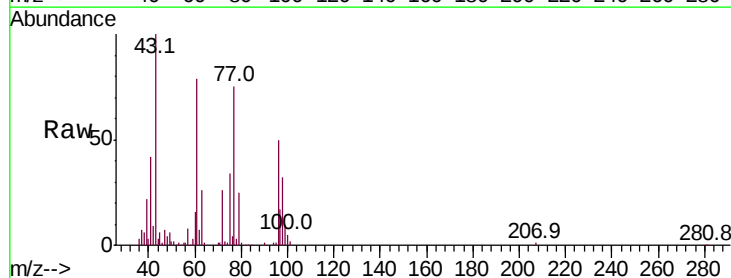
Acq: 03 Nov 2020 12:10

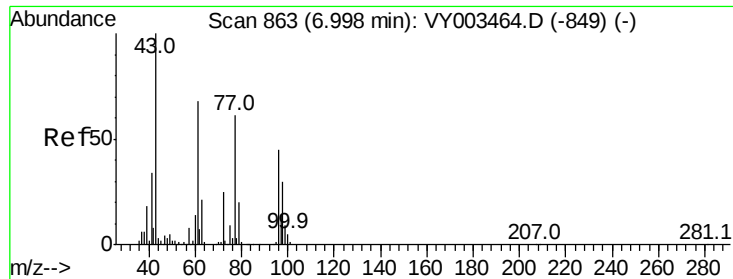
Tgt Ion: 77 Resp: 80029

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



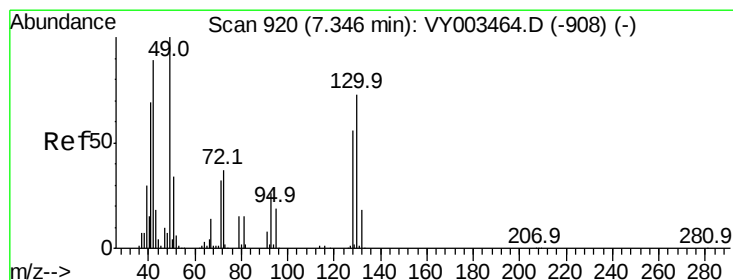
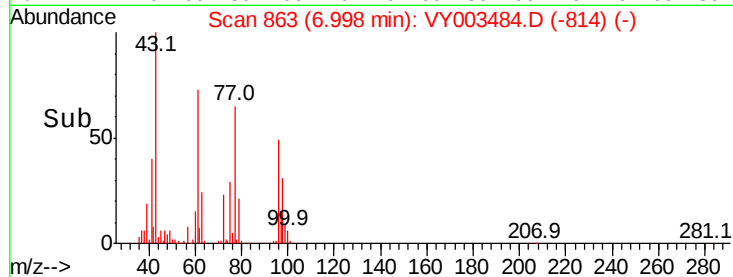
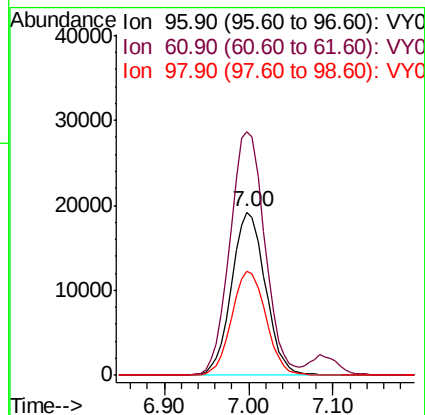
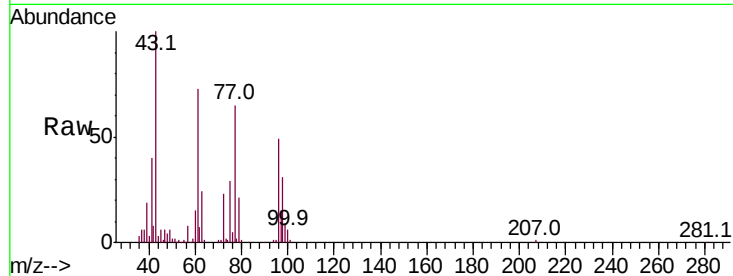


#27

cis-1,2-Dichloroethene
 Concen: 21.488 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01

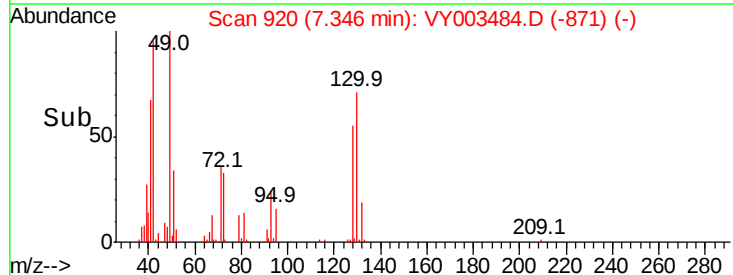
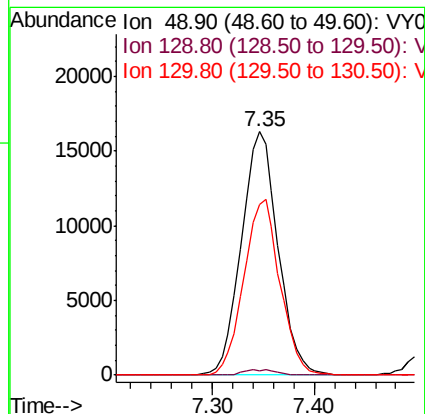
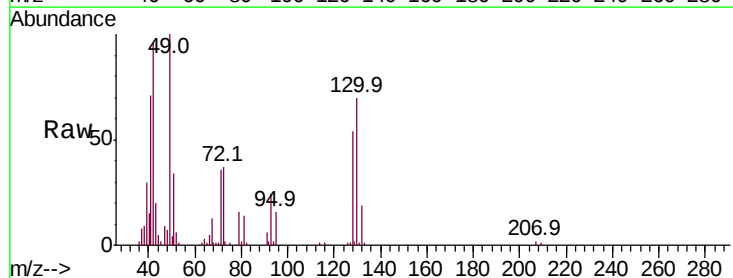
Tot Ion	96	Resp	52464
Ion Ratio	Lower	Upper	
96	100		
61	153.9	0.0	299.2
98	64.5	0.0	128.6

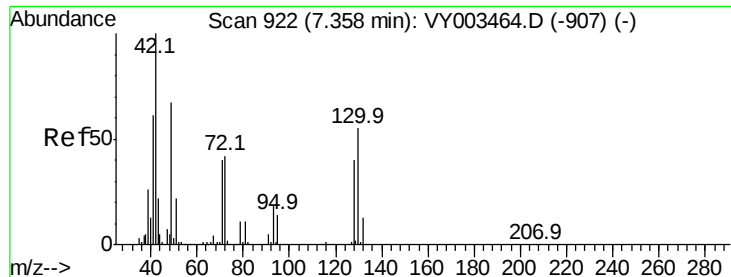


#28

Bromochloromethane
 Concen: 20.429 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	49	Resp	40667
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.2
130	71.5	60.0	90.0





#29

Tetrahydrofuran

Concen: 110.304 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

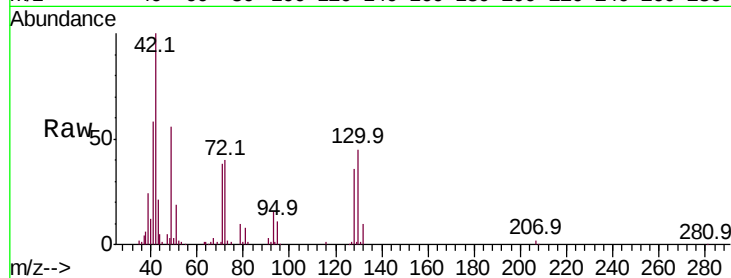
Tot Ion: 42 Resp: 58130

Ion Ratio Lower Upper

42 100

72 39.9 32.8 49.2

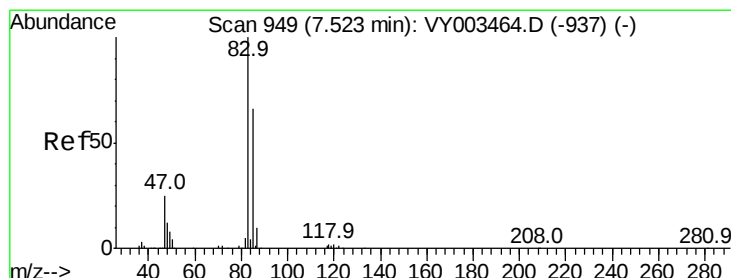
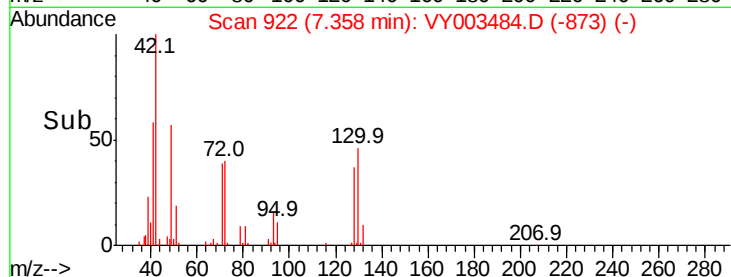
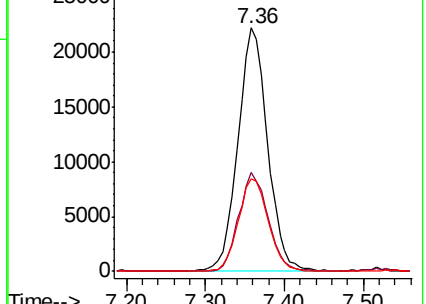
71 38.4 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY003464.D (-907) (-)

Ion 72.00 (71.70 to 72.70): VY003464.D (-907) (-)

Ion 71.00 (70.70 to 71.70): VY003464.D (-907) (-)



#30

Chloroform

Concen: 21.916 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003484.D

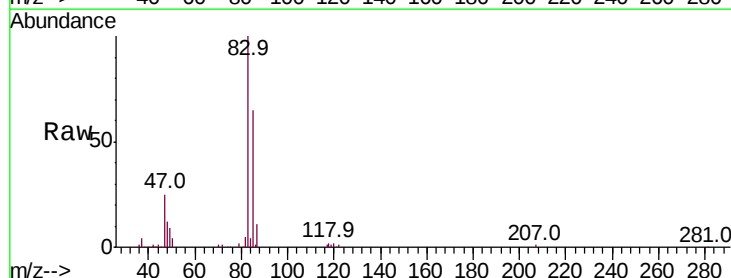
Acq: 03 Nov 2020 12:10

Tgt Ion: 83 Resp: 85177

Ion Ratio Lower Upper

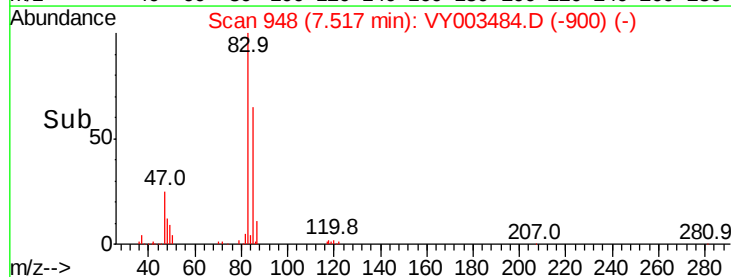
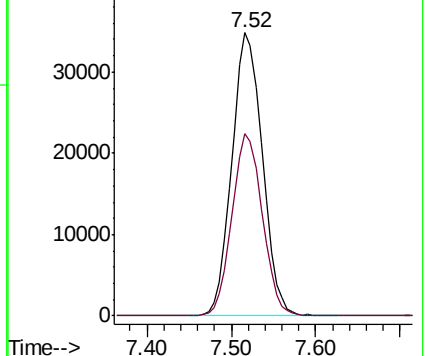
83 100

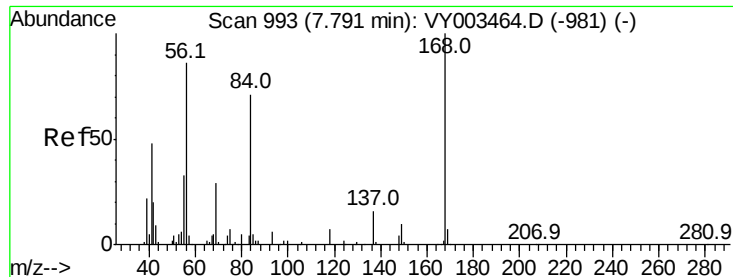
85 64.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY003464.D (-937) (-)

Ion 84.90 (84.60 to 85.60): VY003464.D (-937) (-)





#31

Cyclohexane

Concen: 20.873 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

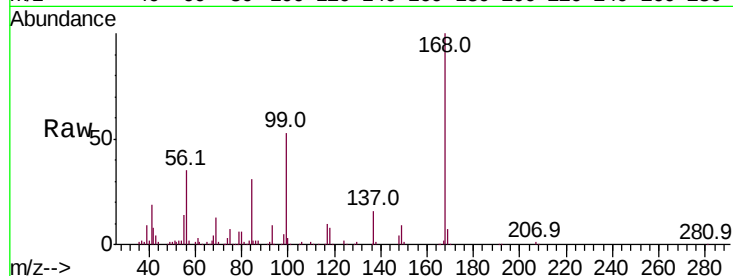
Tot Ion: 56 Resp: 76474

Ion Ratio Lower Upper

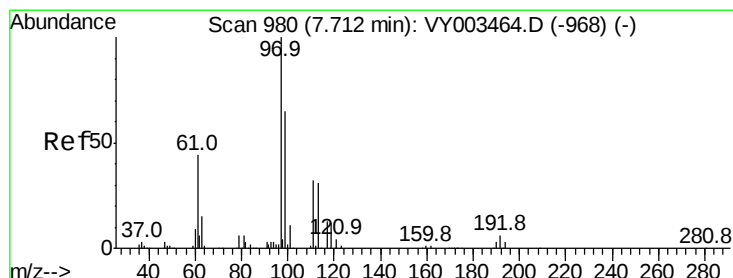
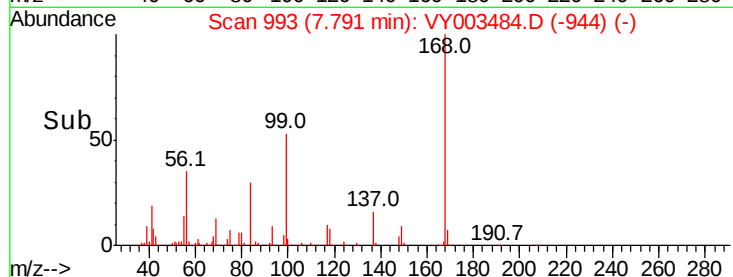
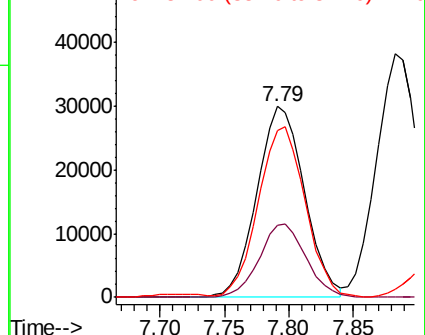
56 100

69 38.1 26.6 39.8

84 85.8 65.9 98.9



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



#32

1,1,1-Trichloroethane

Concen: 21.771 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

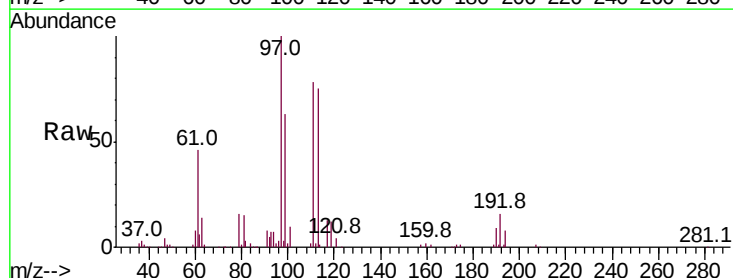
Tgt Ion: 97 Resp: 78936

Ion Ratio Lower Upper

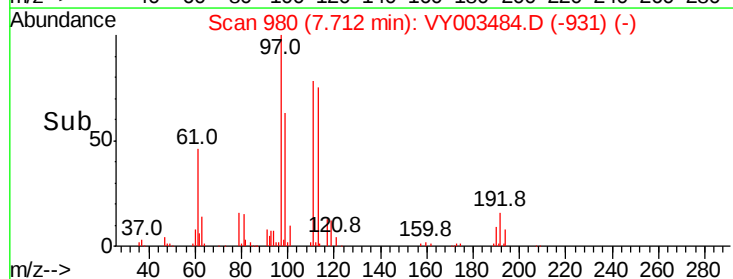
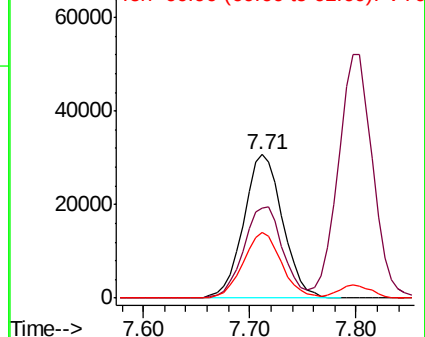
97 100

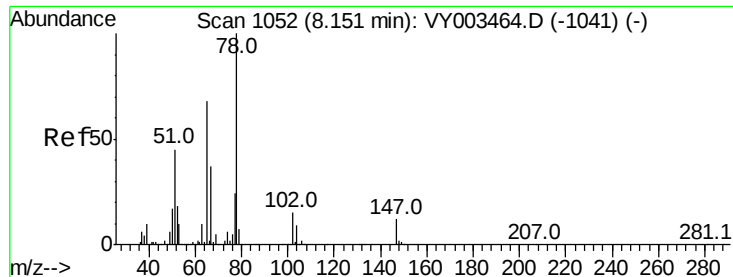
99 63.8 51.6 77.4

61 45.0 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: 50.010 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

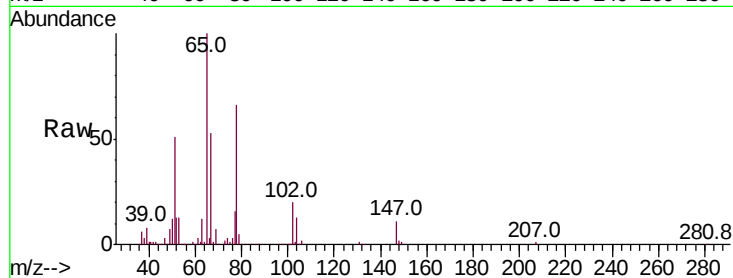
VY1103SBS01

Tot Ion: 65 Resp: 122245

Ion Ratio Lower Upper

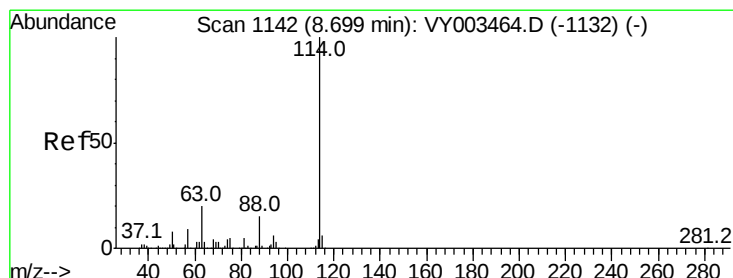
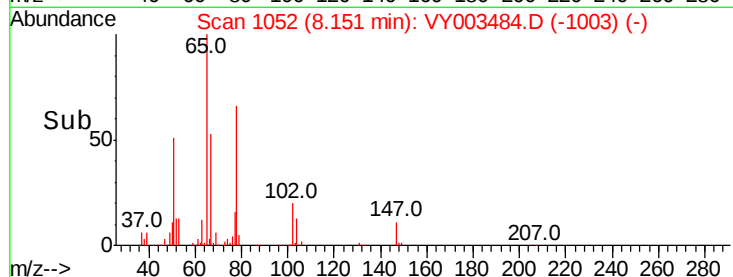
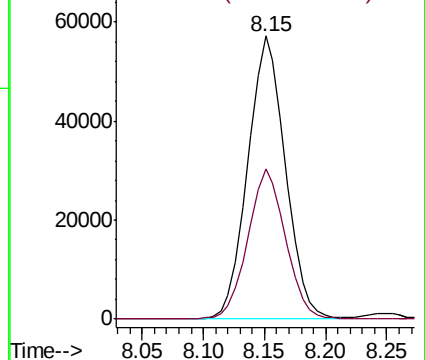
65 100

67 53.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

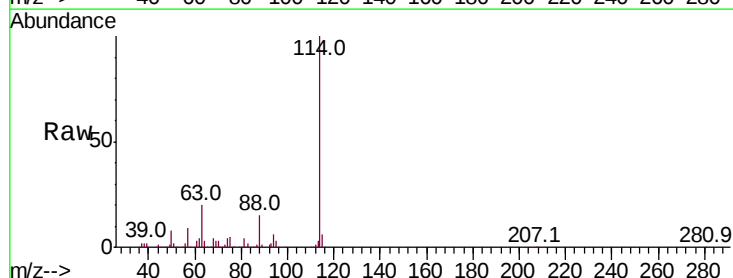
Tgt Ion: 114 Resp: 343905

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

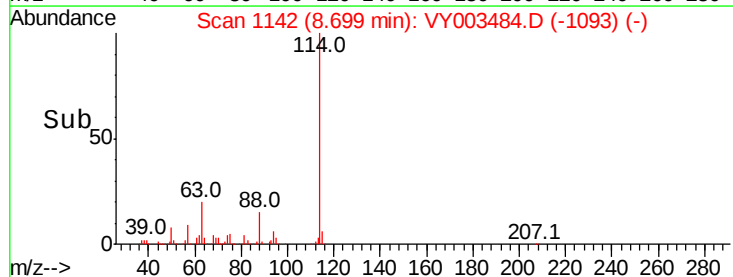
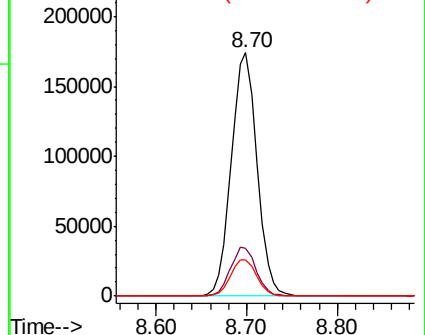
88 15.0 0.0 29.4

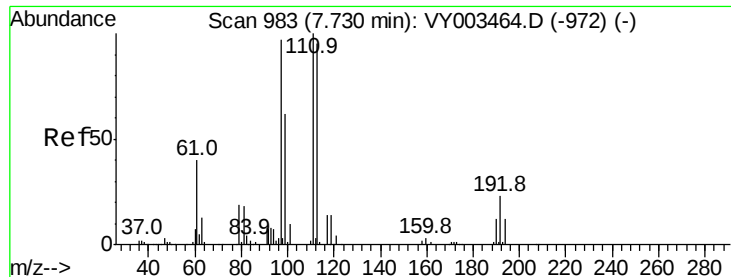


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

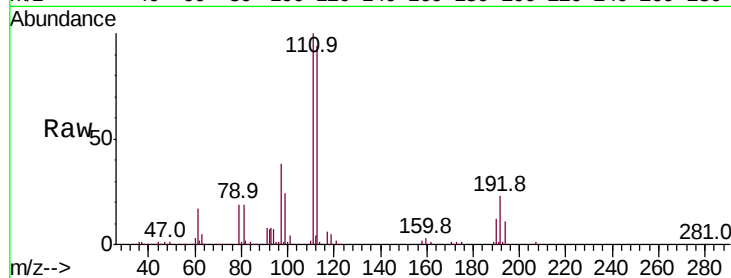
Tot Ion:113 Resp: 104125

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.6

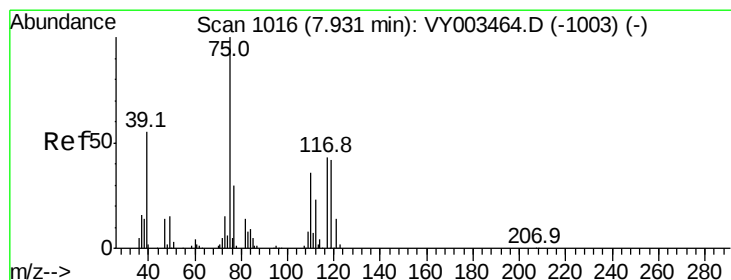
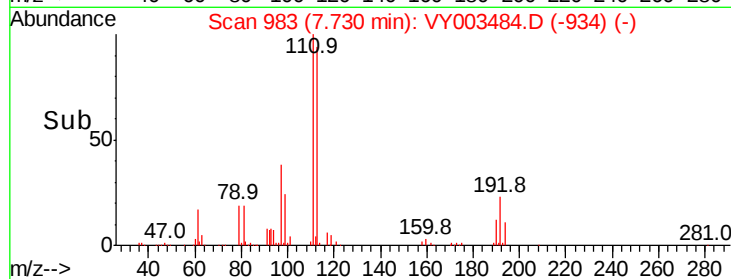
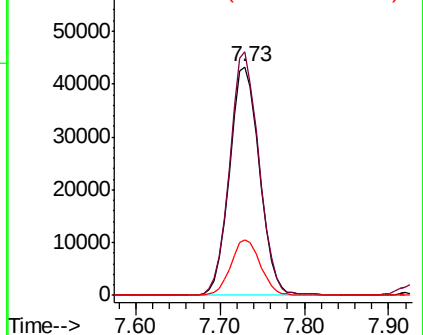
192 23.9 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.927 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

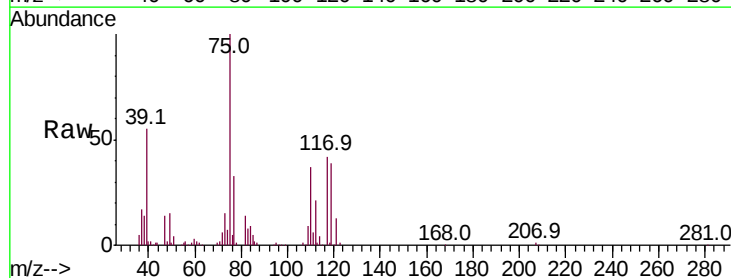
Tgt Ion: 75 Resp: 67855

Ion Ratio Lower Upper

75 100

110 36.5 17.6 52.9

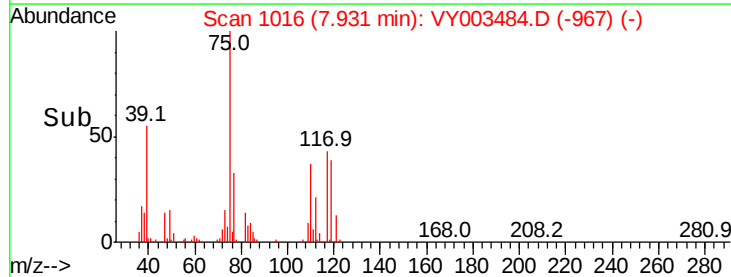
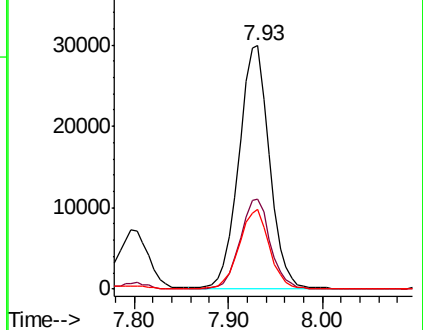
77 32.6 24.7 37.1

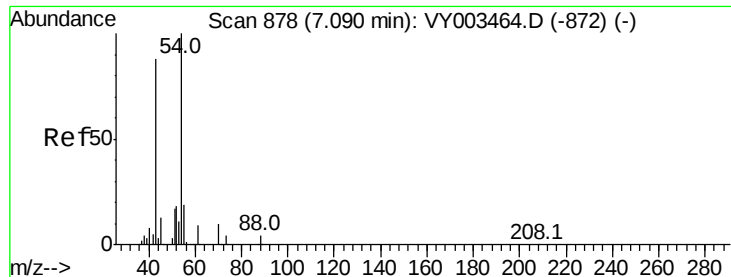


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 21.778 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

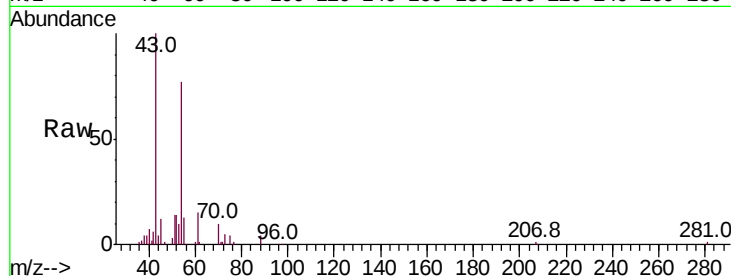
Tot Ion: 43 Resp: 43849

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

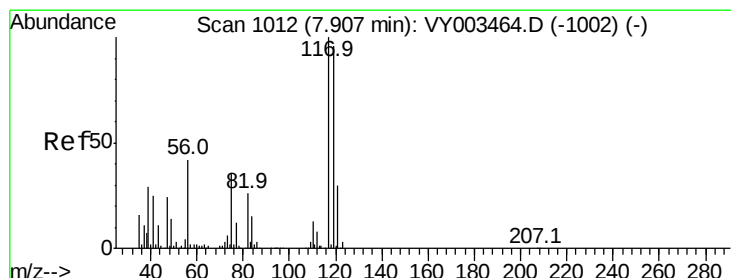
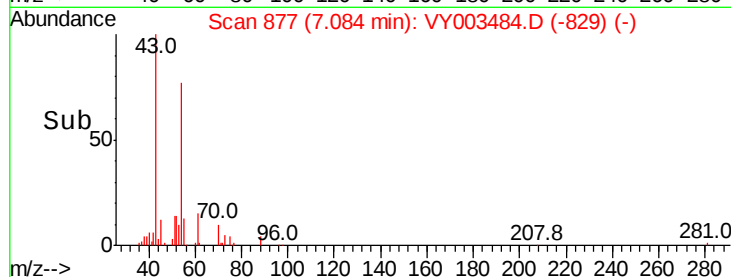
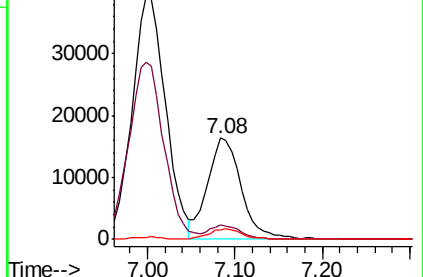
70 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY003484.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VY003484.D (-872) (-)

Ion 70.00 (69.70 to 70.70): VY003484.D (-872) (-)



#38

Carbon Tetrachloride

Concen: 20.797 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

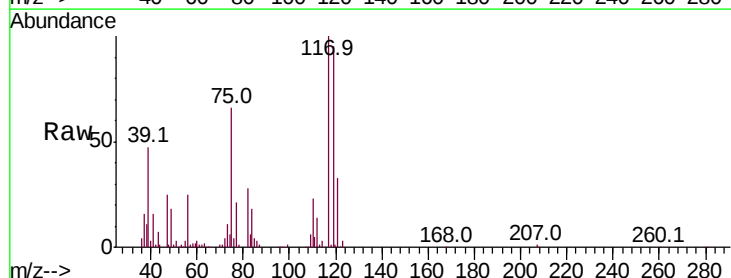
Tgt Ion: 117 Resp: 69956

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

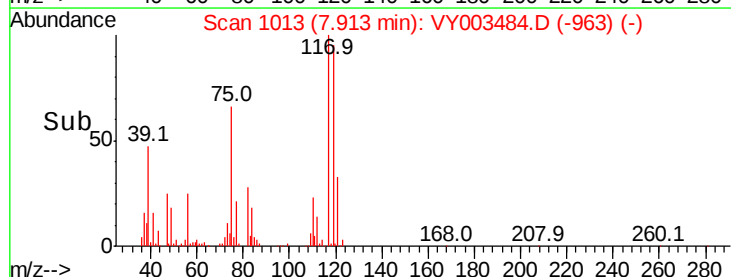
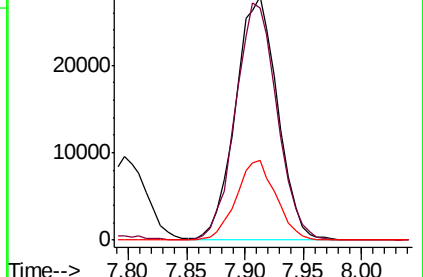
121 32.8 24.2 36.4

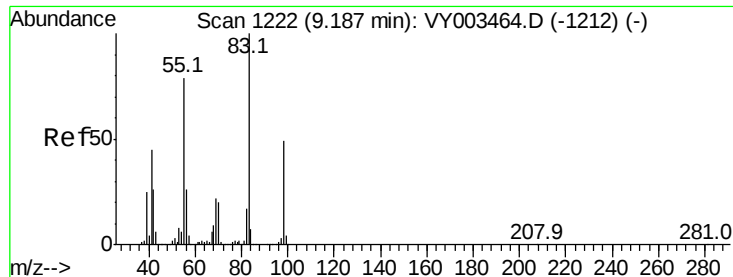


Abundance Ion 116.80 (116.50 to 117.50): VY003484.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY003484.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY003484.D (-1002) (-)

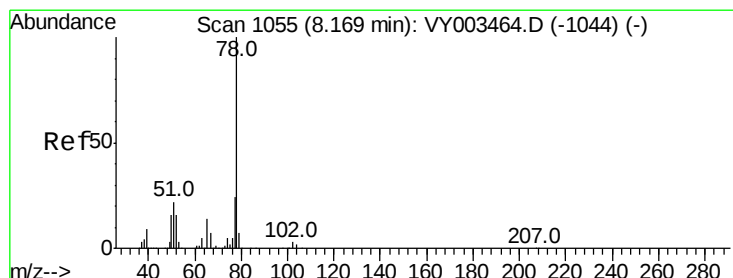
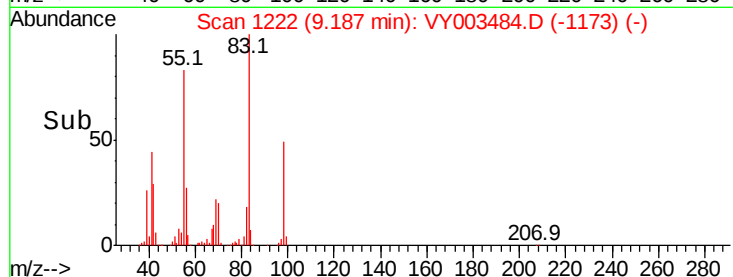
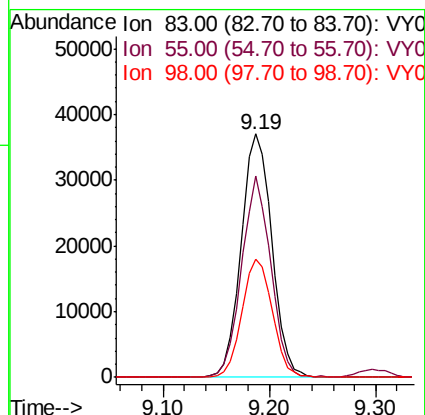
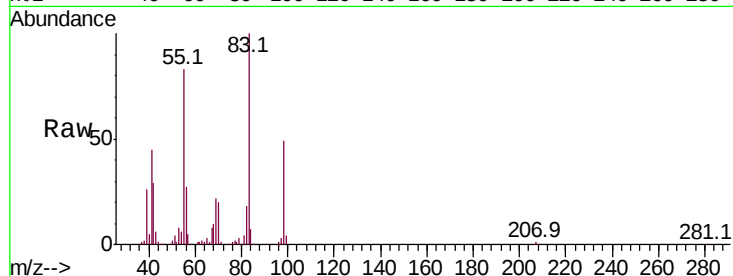




#39
Methvlcvclohexane
Concen: 20.865 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

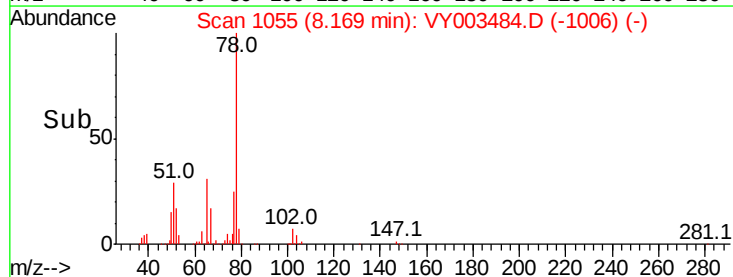
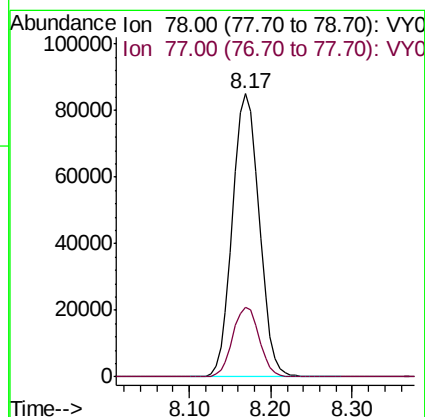
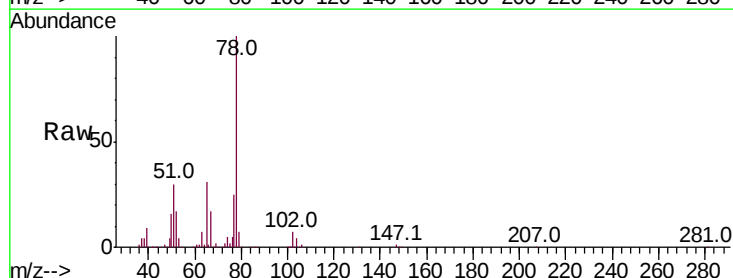
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

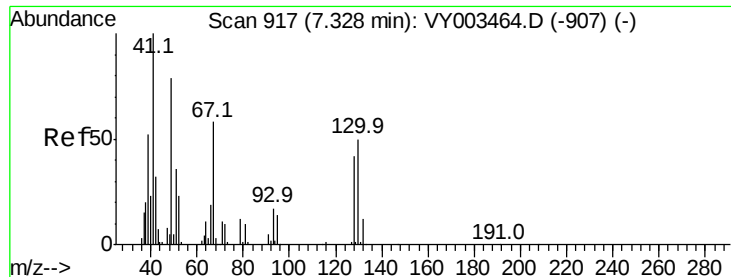
Tot Ion: 83 Resp: 75332
Ion Ratio Lower Upper
83 100
55 82.9 63.5 95.3
98 48.5 39.4 59.2



#40
Benzene
Concen: 21.405 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 78 Resp: 193151
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

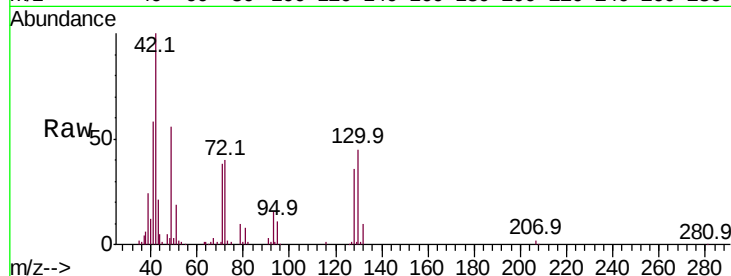




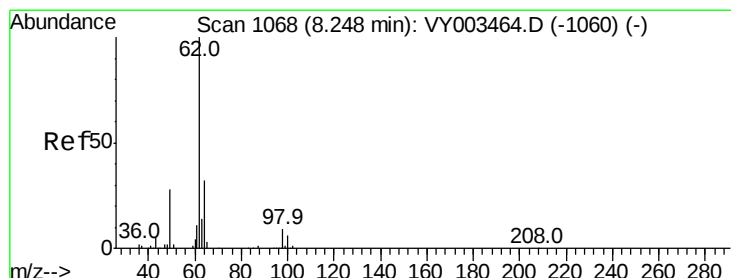
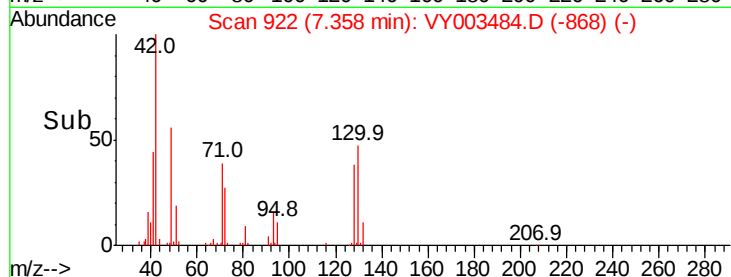
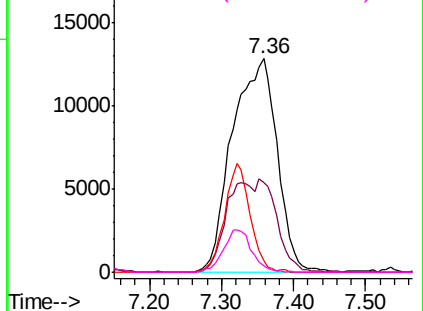
#41
Methacrylonitrile
Concen: 51.571 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tot Ion:	41	Resp:	55449
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

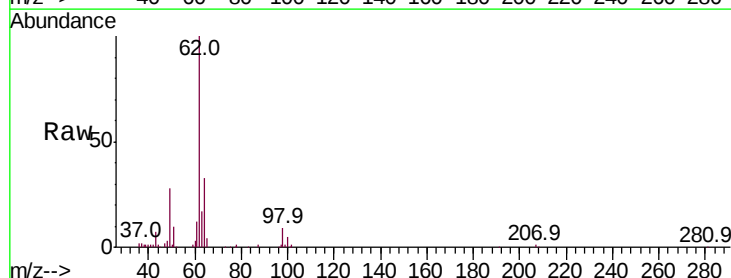


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

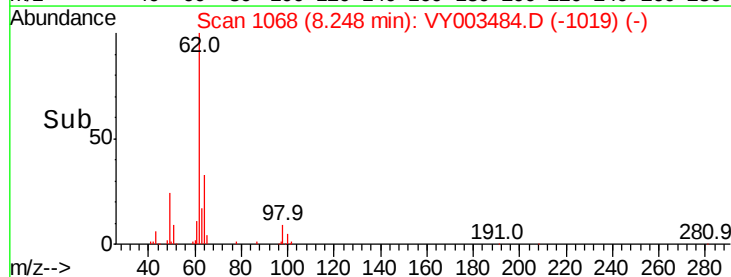
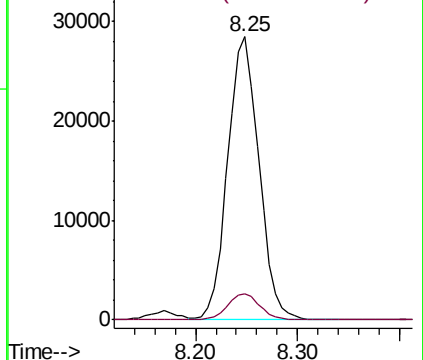


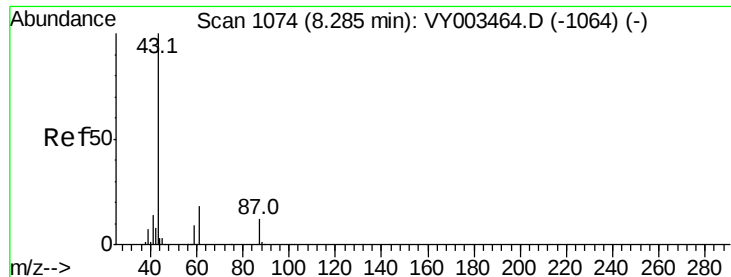
#42
1,2-Dichloroethane
Concen: 21.370 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion:	62	Resp:	60420
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: 21.518 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

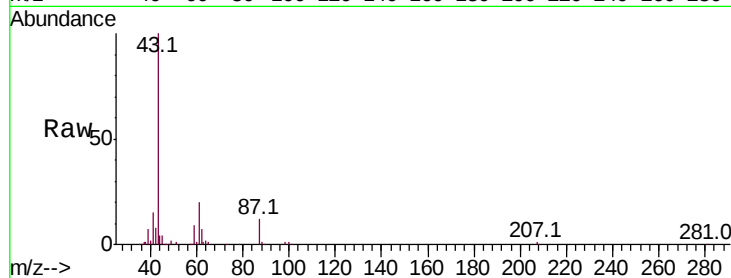
Tot Ion: 43 Resp: 77862

Ion Ratio Lower Upper

43 100

61 28.0 21.9 32.9

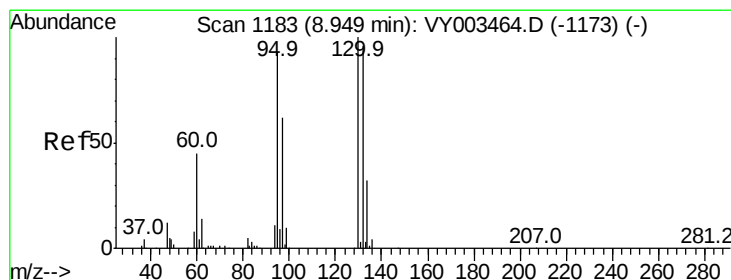
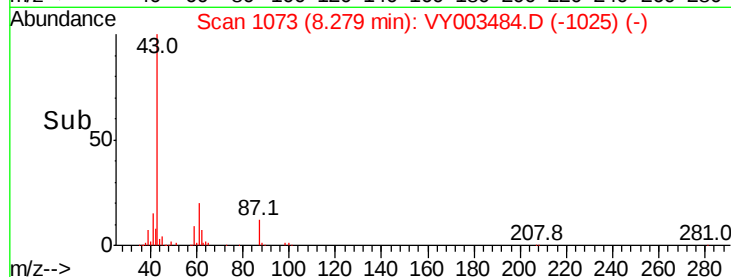
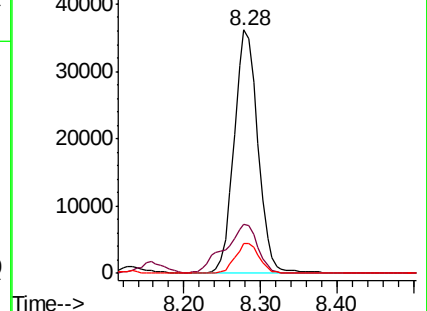
87 12.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003464.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003464.D (-1064) (-)



#44

Trichloroethene

Concen: 21.018 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003484.D

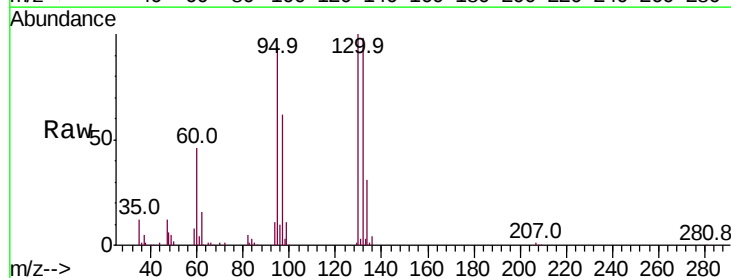
Acq: 03 Nov 2020 12:10

Tgt Ion:130 Resp: 53242

Ion Ratio Lower Upper

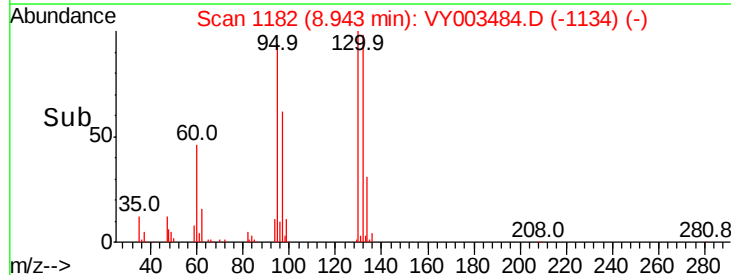
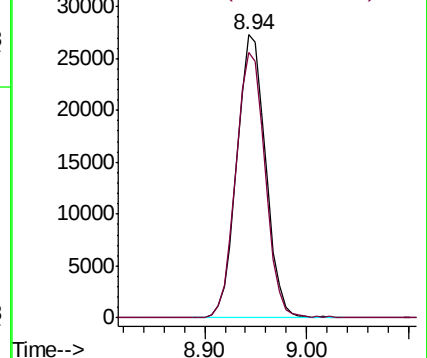
130 100

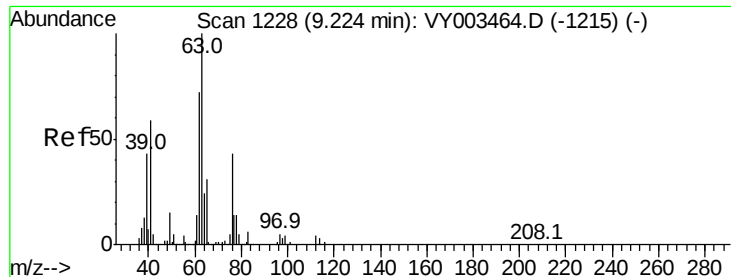
95 93.9 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003464.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003464.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 21.739 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

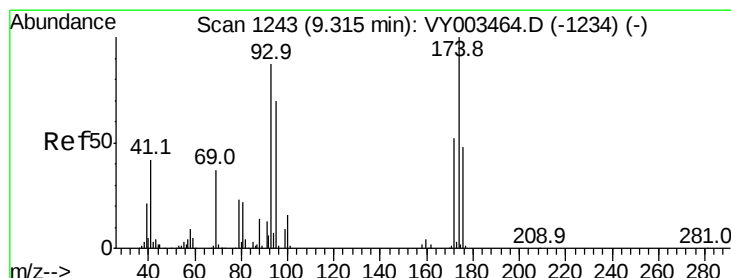
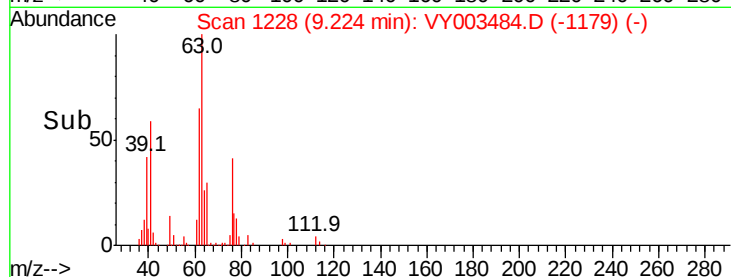
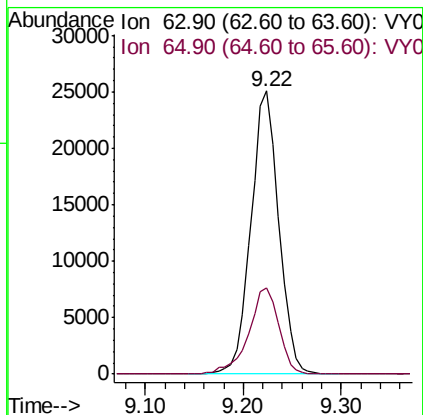
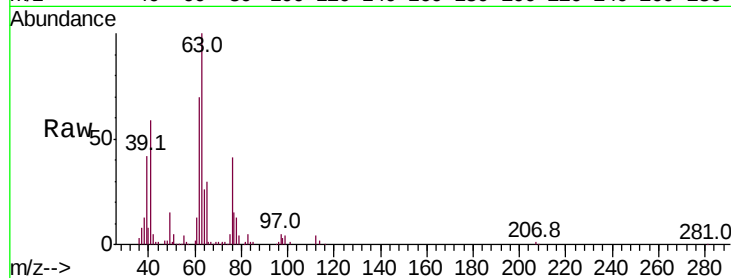
VY1103SBS01

Tot Ion: 63 Resp: 49539

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 21.305 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

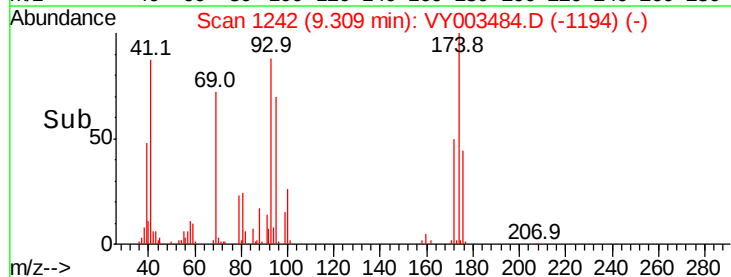
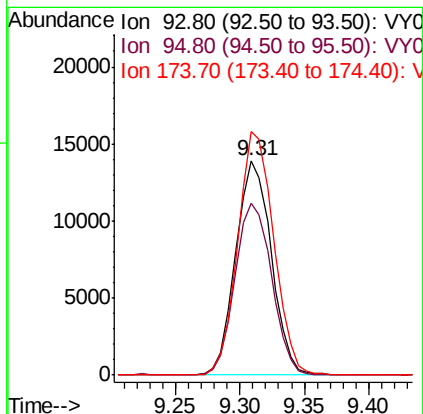
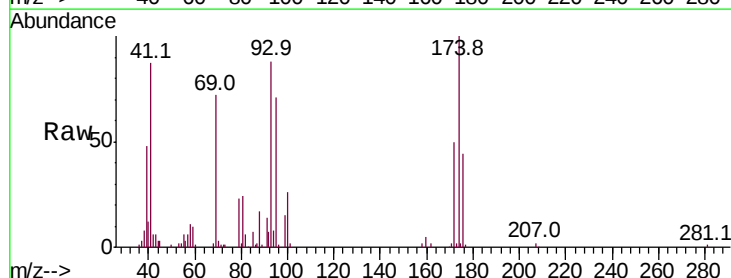
Tgt Ion: 93 Resp: 26710

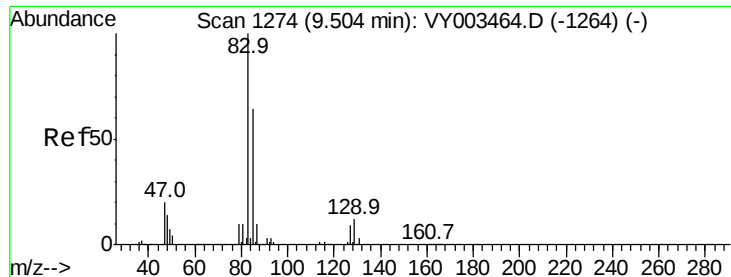
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

174 114.4 91.8 137.6





#47

Bromodichloromethane

Concen: 21.486 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

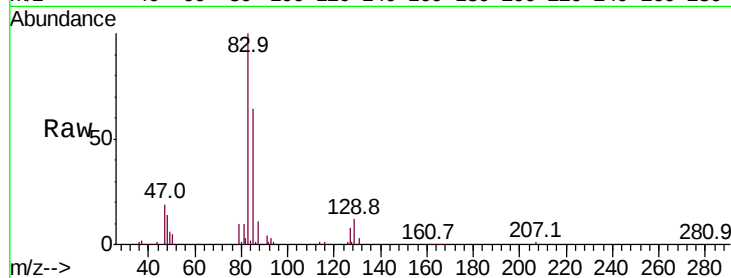
Tot Ion: 83 Resp: 65931

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

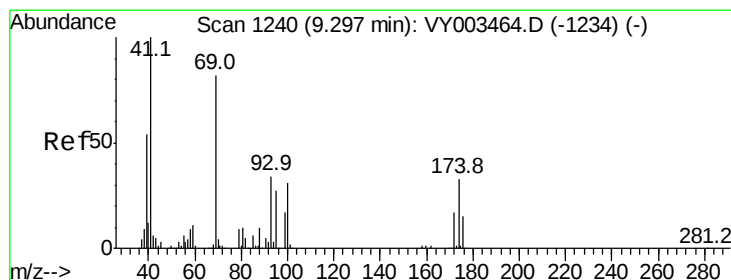
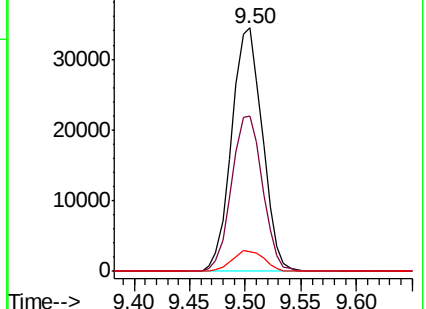
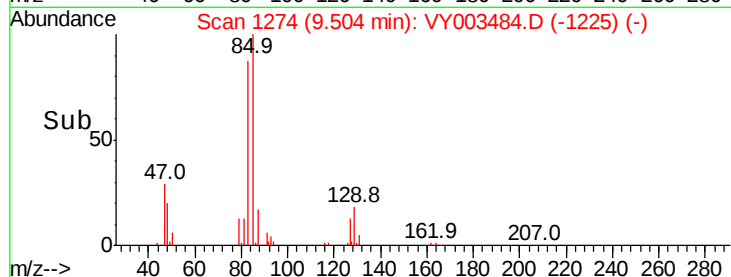
127 8.2 7.1 10.7



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: 21.182 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

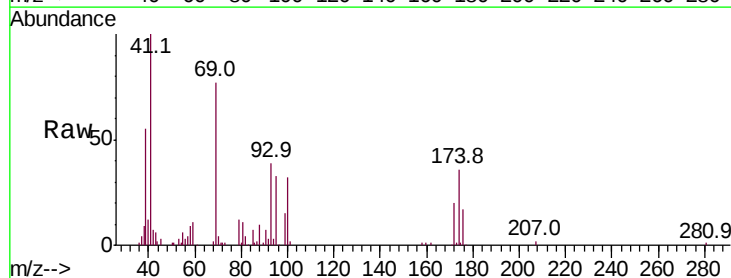
Tgt Ion: 41 Resp: 36105

Ion Ratio Lower Upper

41 100

69 82.5 65.9 98.9

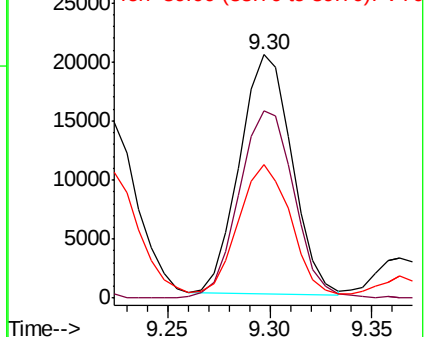
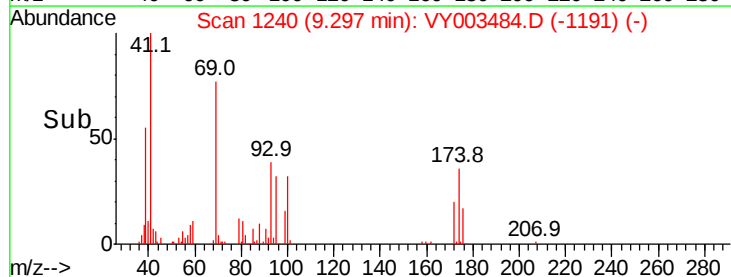
39 57.2 43.2 64.8

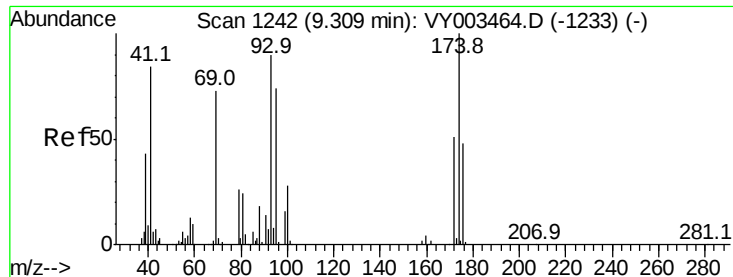


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

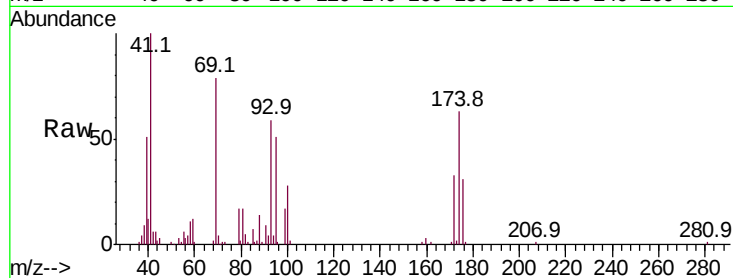




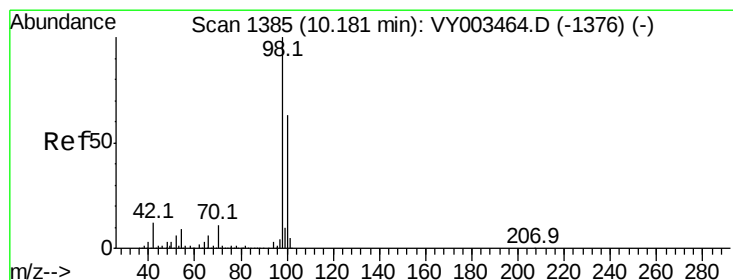
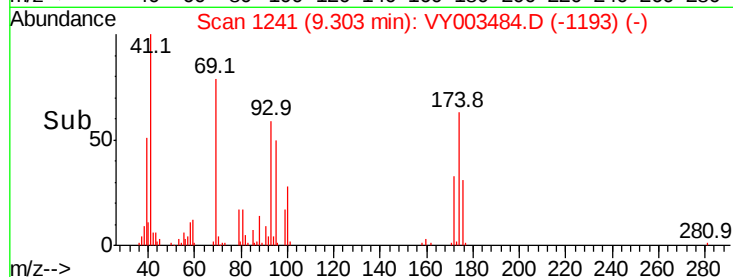
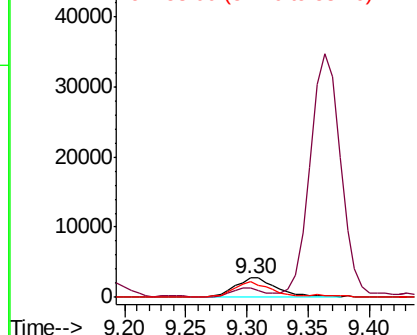
#49
1,4-Dioxane
Concen: 428.054 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tot Ion: 88 Resp: 6696
Ion Ratio Lower Upper
88 100
43 31.7 27.6 41.4
58 71.5 54.2 81.2

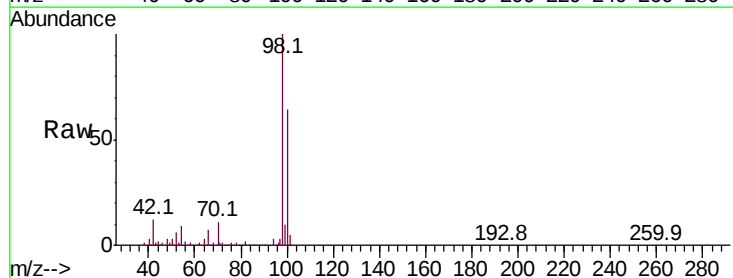


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

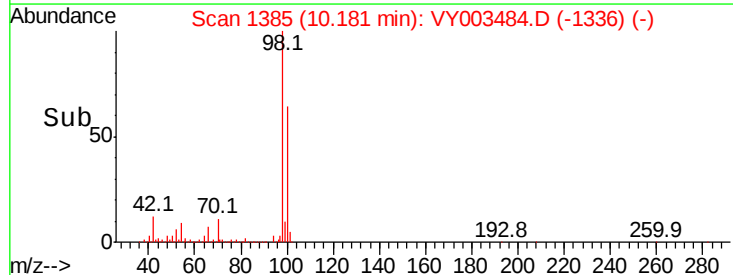
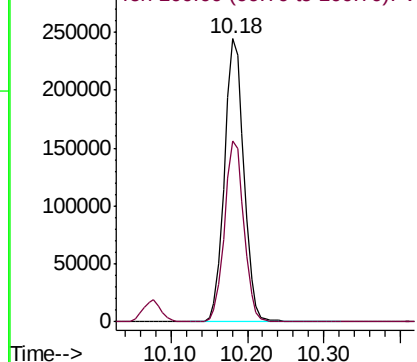


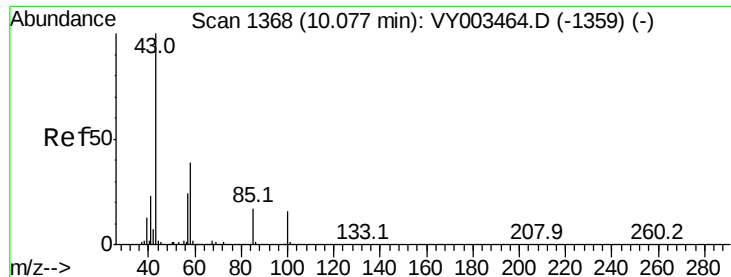
#50
Toluene-d8
Concen: 49.248 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 98 Resp: 428756
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 109.957 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

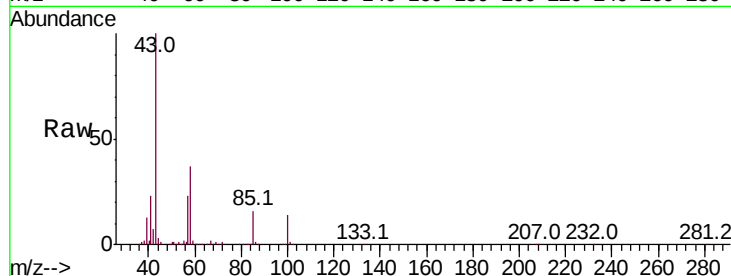
VY1103SBS01

Tot Ion: 43 Resp: 211991

Ion Ratio Lower Upper

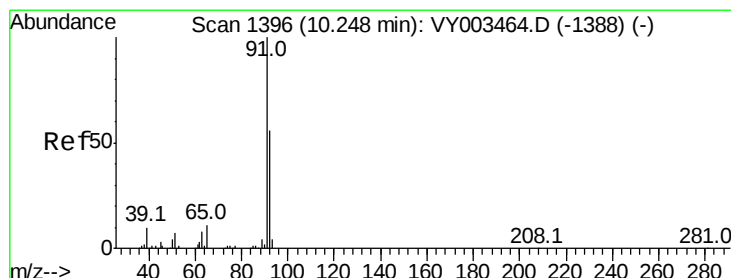
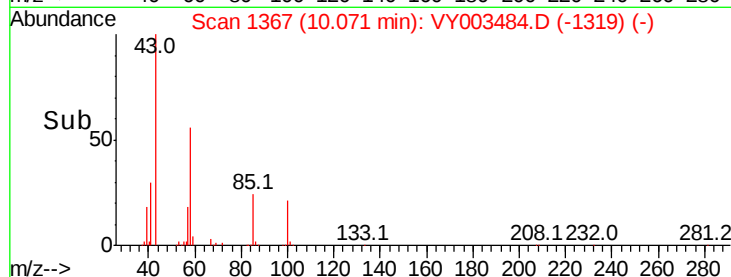
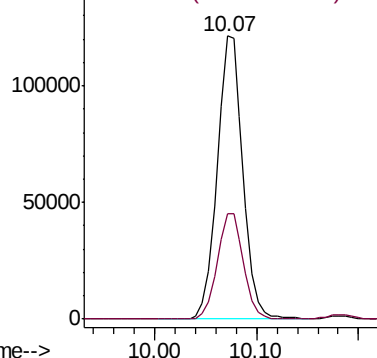
43 100

58 37.9 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: 21.371 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003484.D

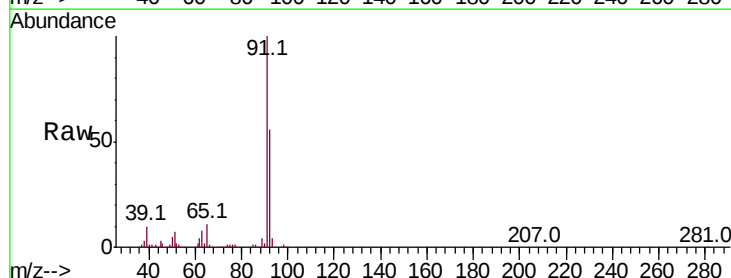
Acq: 03 Nov 2020 12:10

Tgt Ion: 92 Resp: 120614

Ion Ratio Lower Upper

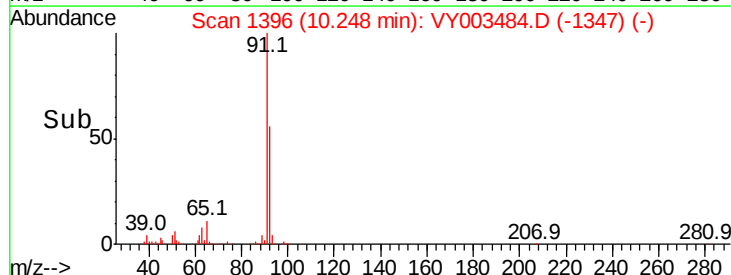
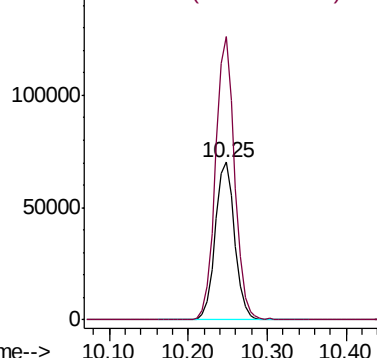
92 100

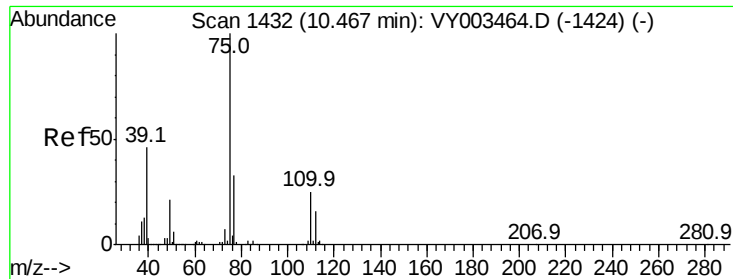
91 175.5 140.2 210.4



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: 21.389 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

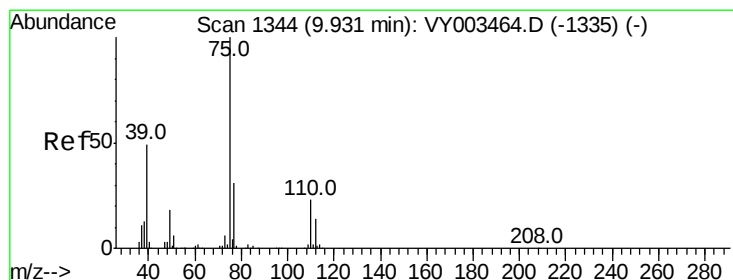
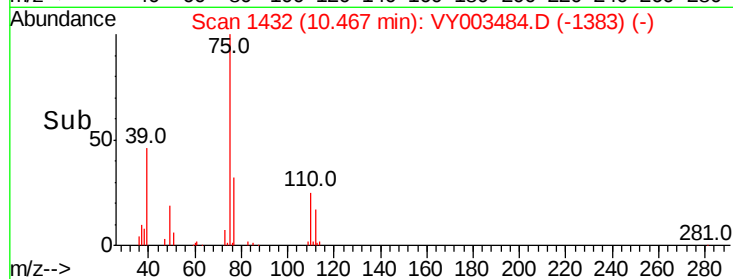
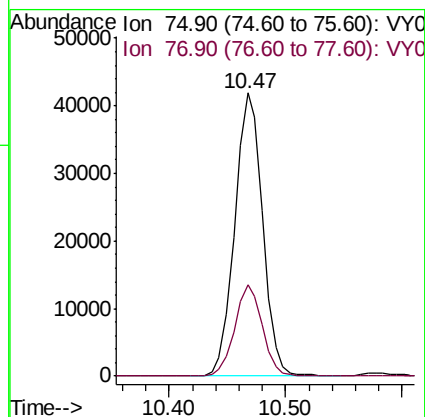
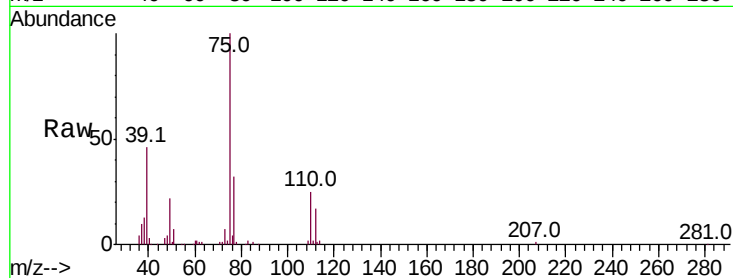
VY1103SBS01

Tot Ion: 75 Resp: 69846

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 21.428 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

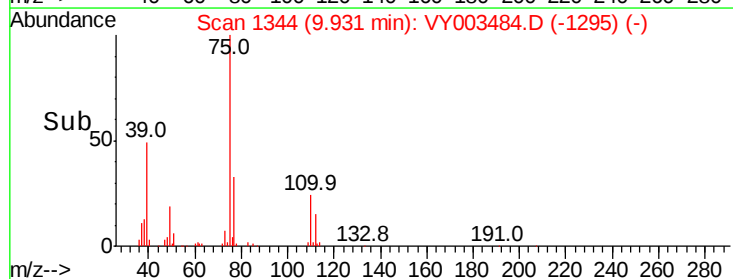
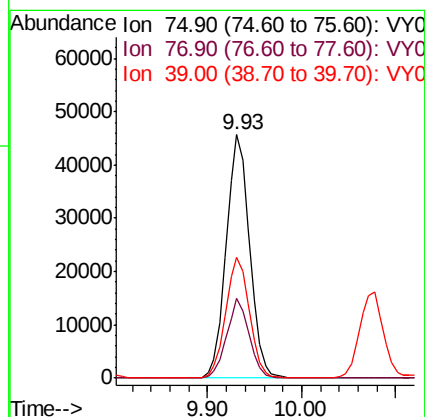
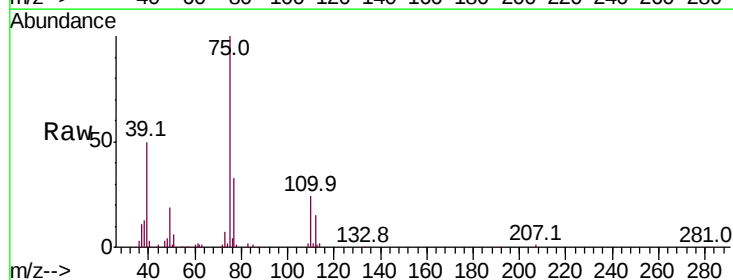
Tgt Ion: 75 Resp: 78739

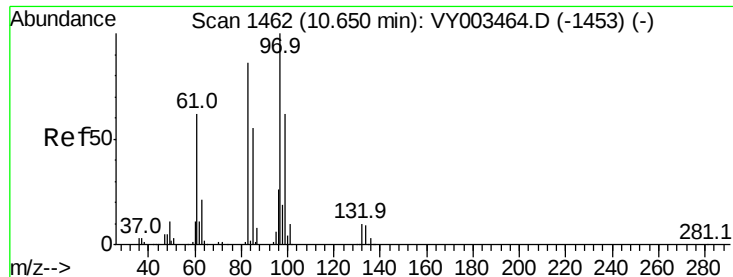
Ion Ratio Lower Upper

75 100

77 33.0 24.5 36.7

39 49.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.153 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

Tot Ion: 97 Resp: 37646

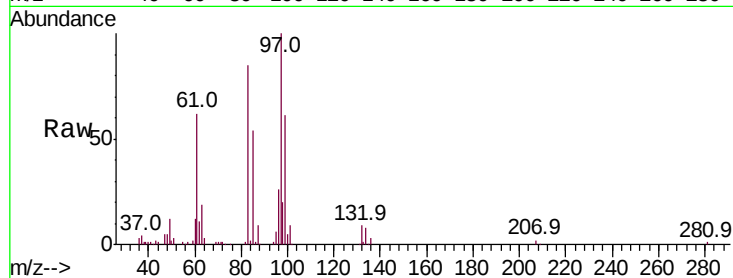
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.6	102.8
85	54.4	43.8	65.6
99	61.7	49.9	74.9

97 100

83 85.5 68.6 102.8

85 54.4 43.8 65.6

99 61.7 49.9 74.9

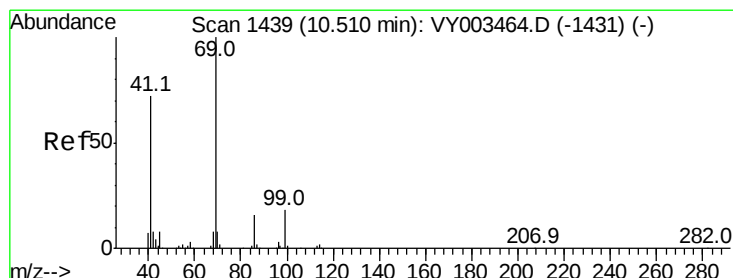
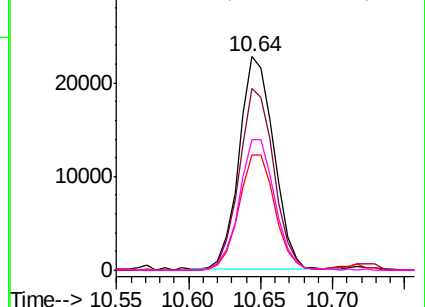
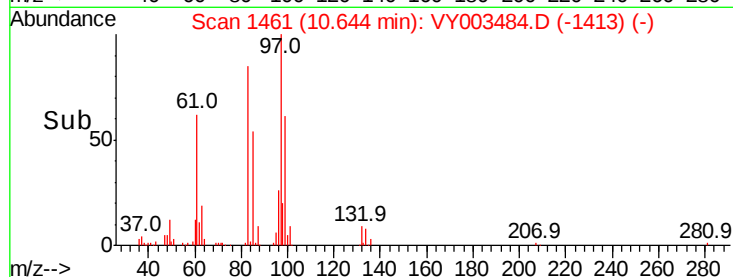


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.751 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

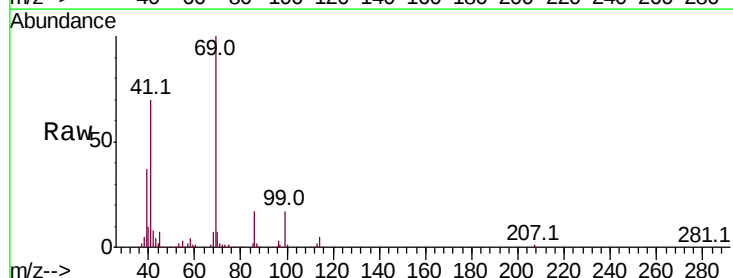
Tgt Ion: 69 Resp: 51849

Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.4	83.2
39	35.4	28.7	43.1

69 100

41 67.1 55.4 83.2

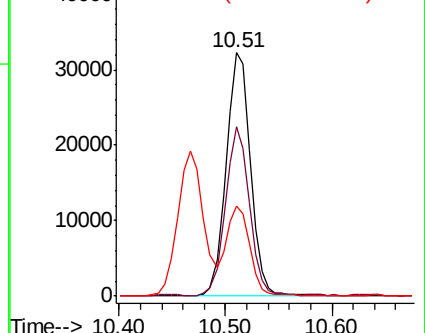
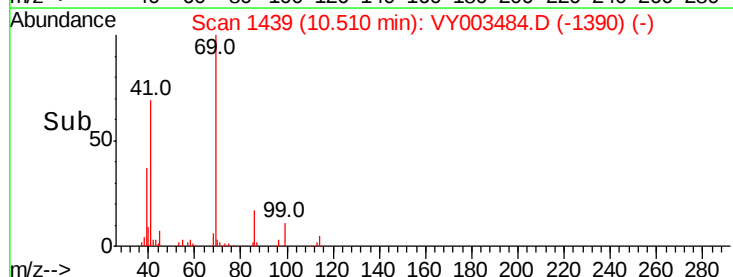
39 35.4 28.7 43.1

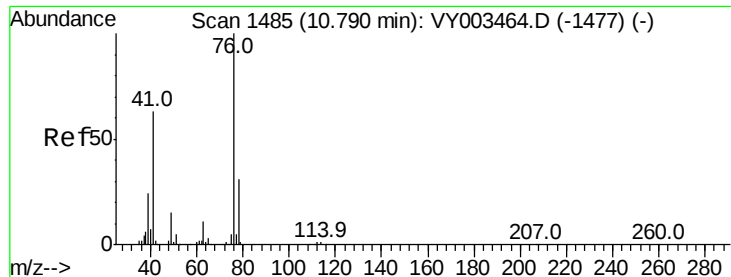


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.905 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

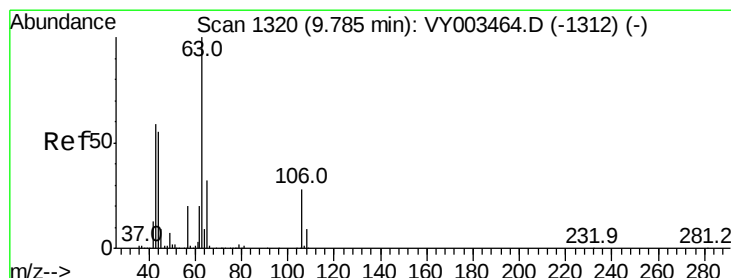
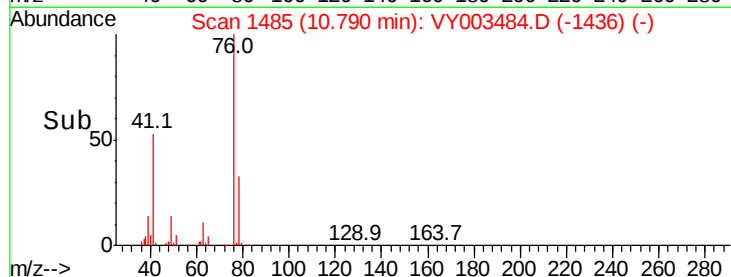
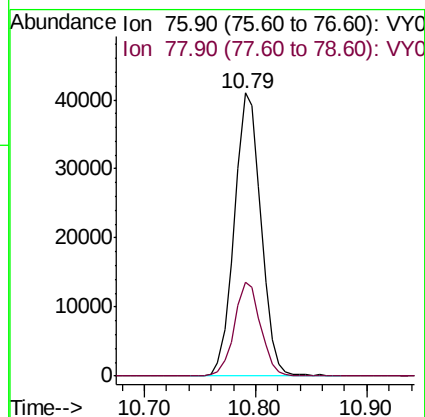
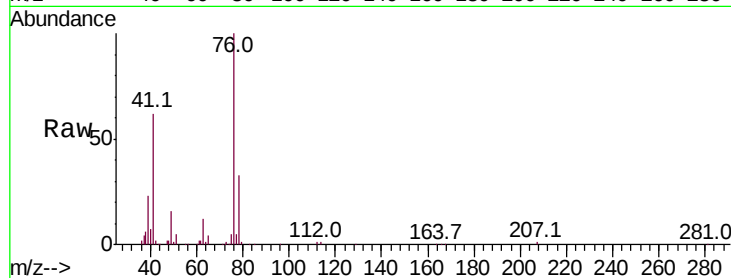
VY1103SBS01

Tot Ion: 76 Resp: 67787

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.412 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003484.D

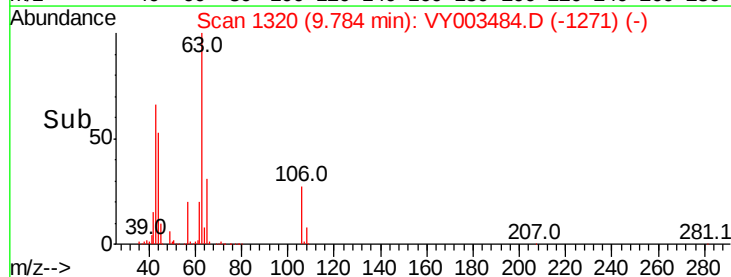
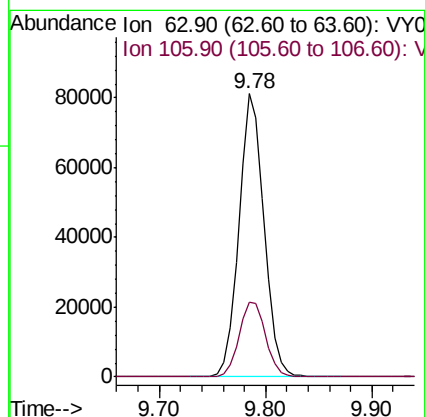
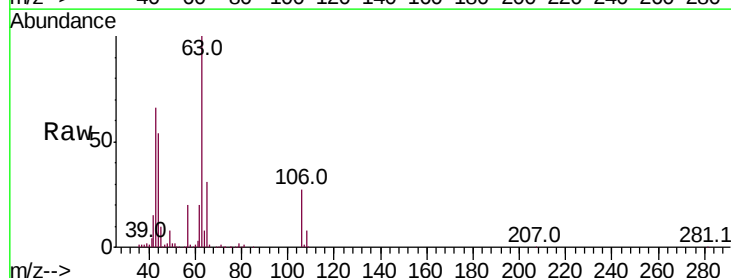
Acq: 03 Nov 2020 12:10

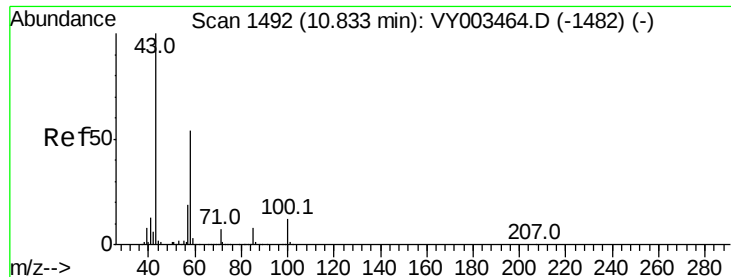
Tgt Ion: 63 Resp: 134632

Ion Ratio Lower Upper

63 100

106 27.9 22.3 33.5

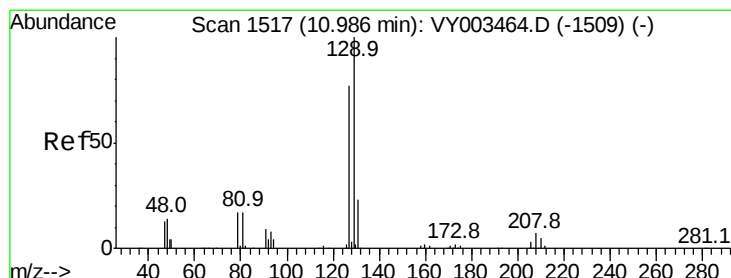
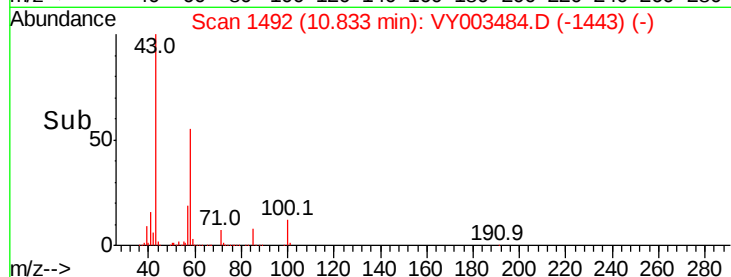
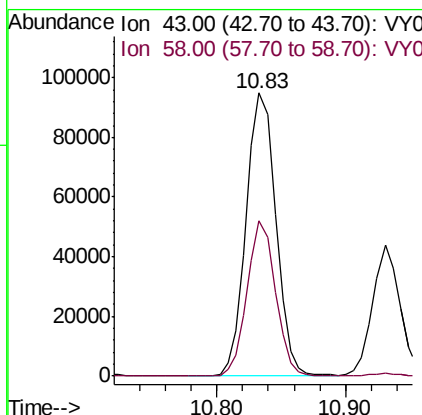
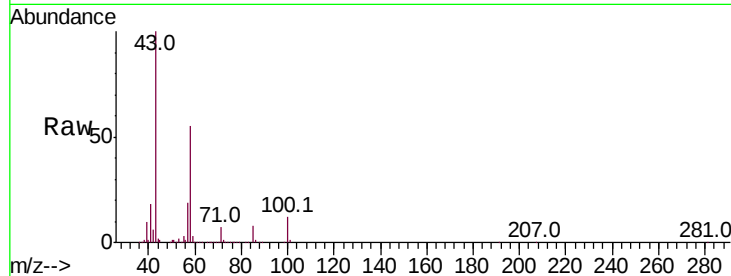




#59
2-Hexanone
Concen: 106.294 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

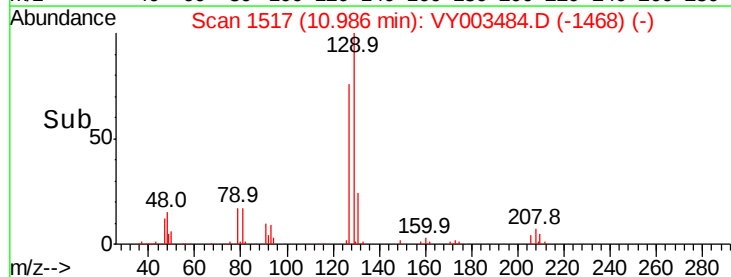
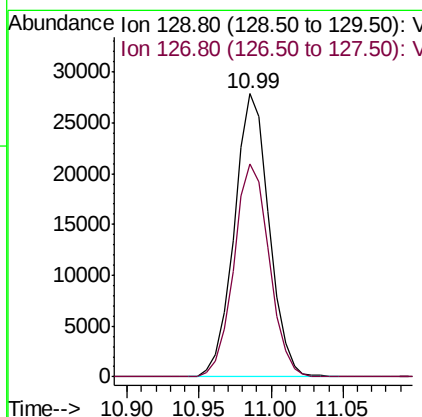
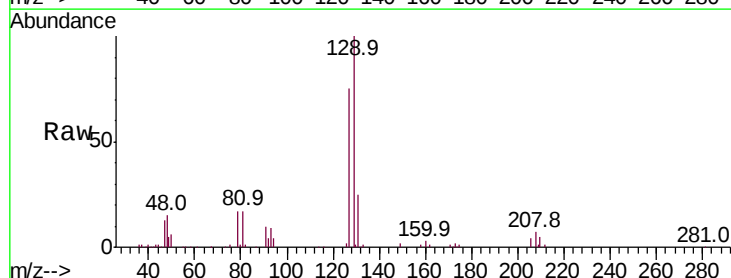
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

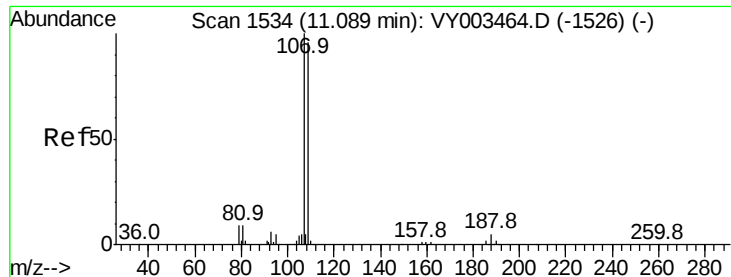
Tot Ion: 43 Resp: 151730
Ion Ratio Lower Upper
43 100
58 52.4 26.8 80.3



#60
Dibromochloromethane
Concen: 21.374 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 129 Resp: 46751
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3

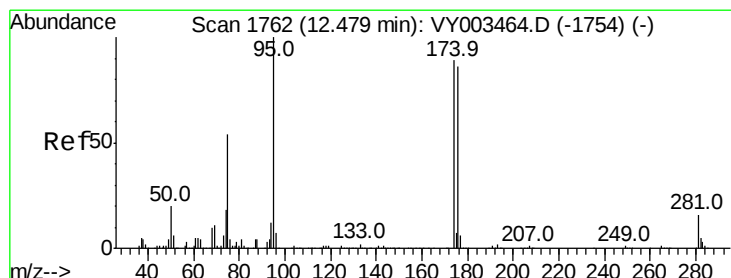
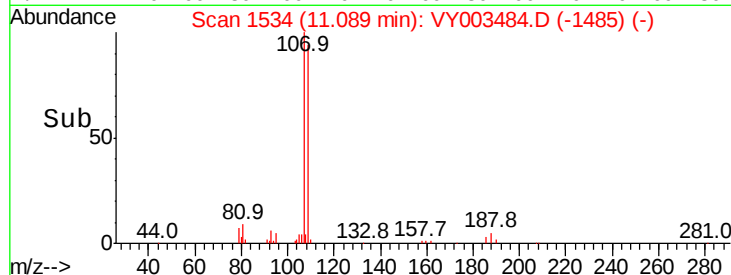
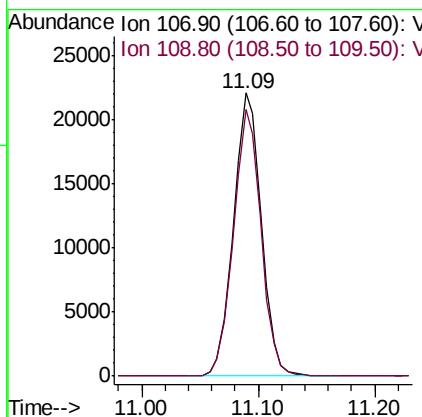
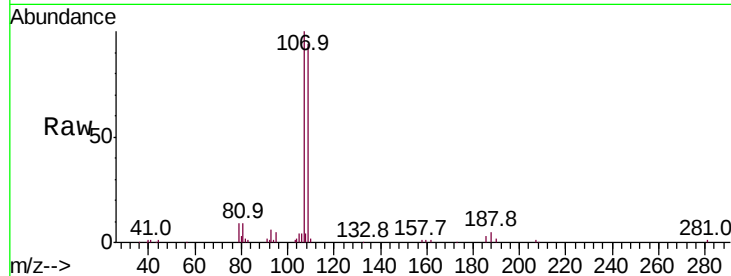




#61
 1,2-Dibromoethane
 Concen: 21.376 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

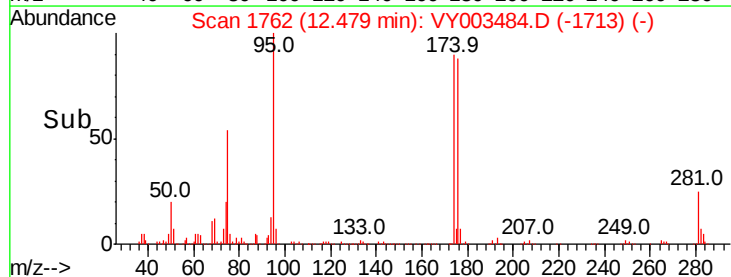
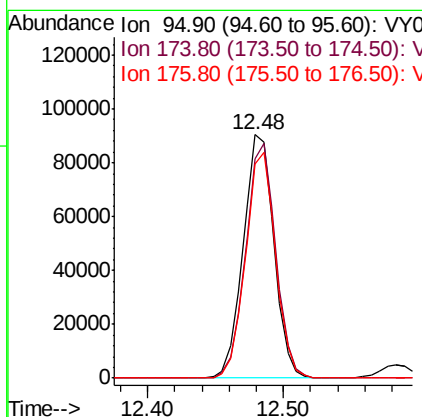
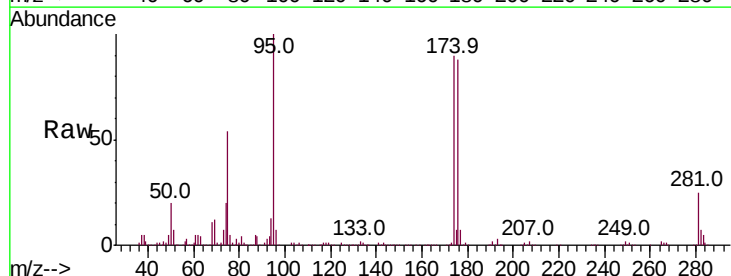
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01

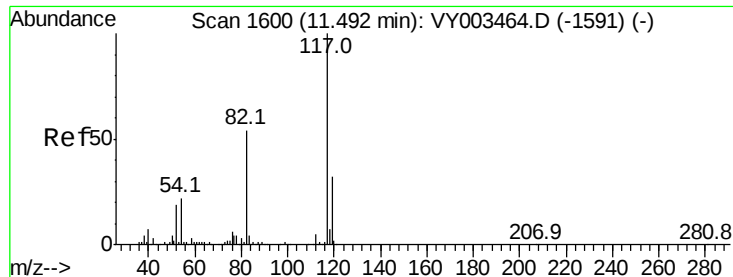
Tot Ion:107 Resp: 36727
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 49.437 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion: 95 Resp: 142605
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 193.0
 176 91.2 0.0 187.4

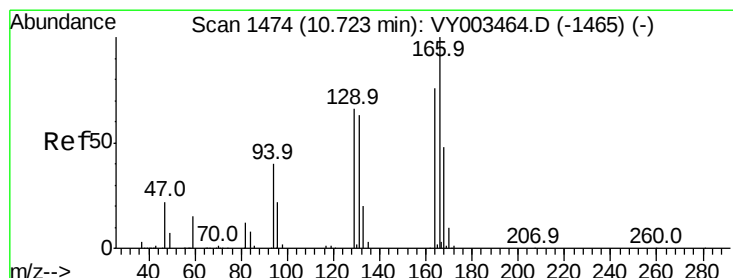
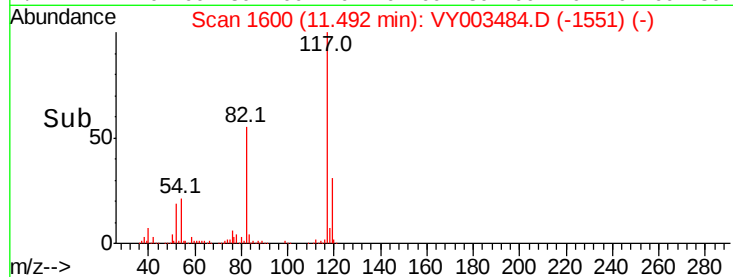
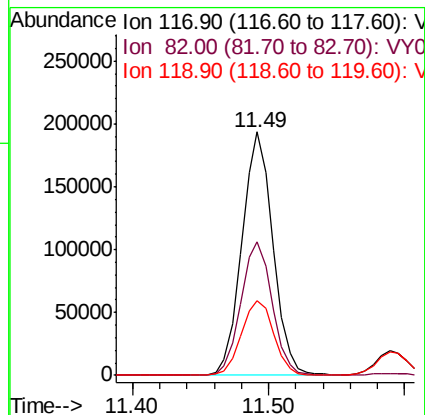
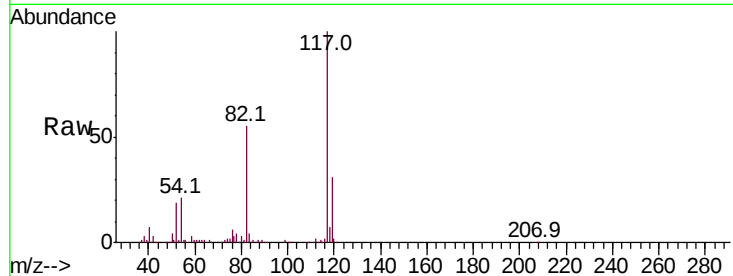




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

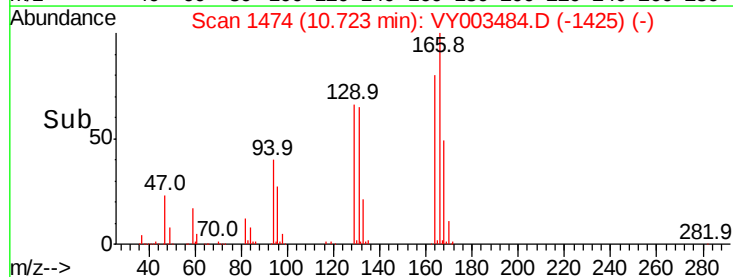
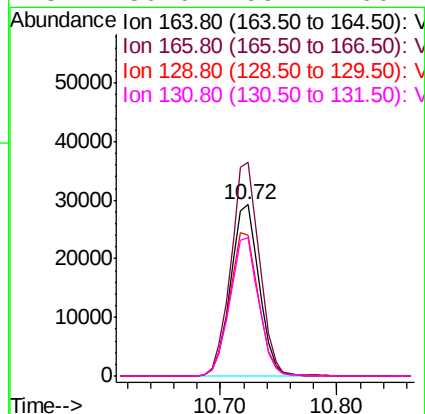
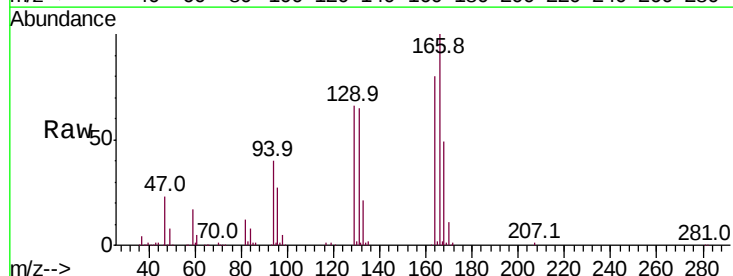
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

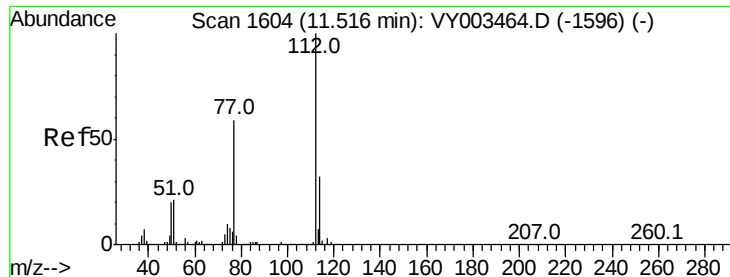
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	30.7	25.8	38.6



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	104.9	157.3
129	82.5	68.9	103.3
131	80.6	66.2	99.2





#65

Chlorobenzene

Concen: 21.505 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

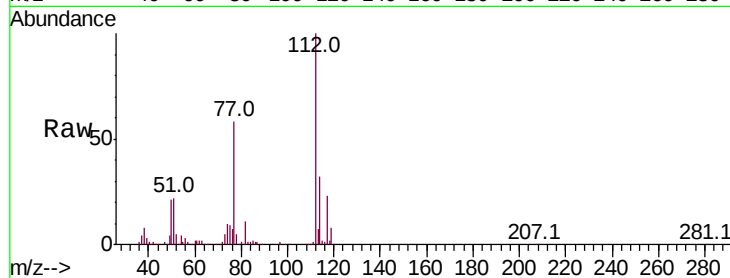
VY1103SBS01

Tot Ion:112 Resp: 128742

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

80000

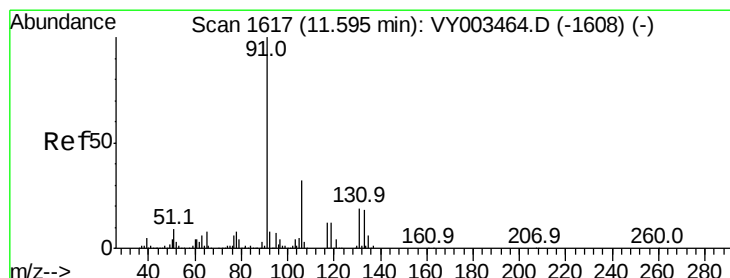
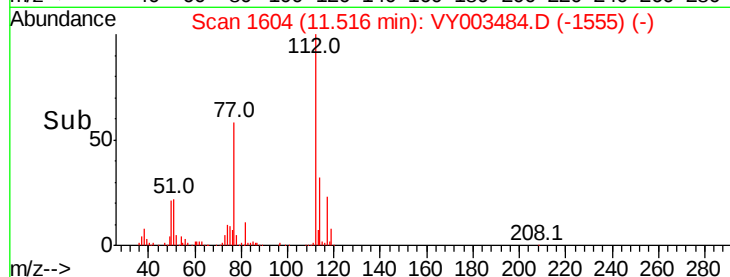
60000

40000

20000

0

Time--> 11.50 11.52 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 21.694 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

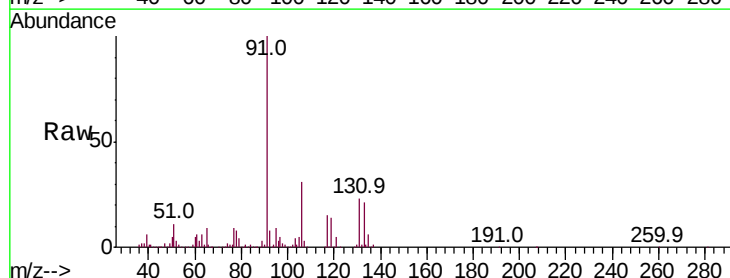
Tgt Ion:131 Resp: 48981

Ion Ratio Lower Upper

131 100

133 93.0 47.4 142.2

119 62.6 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

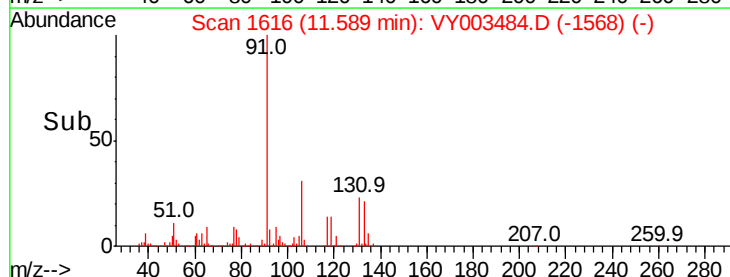
60000

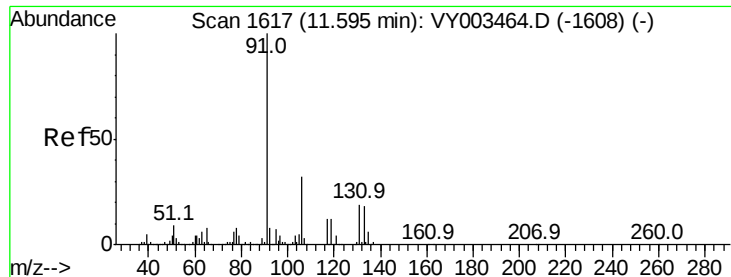
40000

20000

0

Time--> 11.50 11.59 11.60





#67

Ethyl Benzene

Concen: 21.215 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

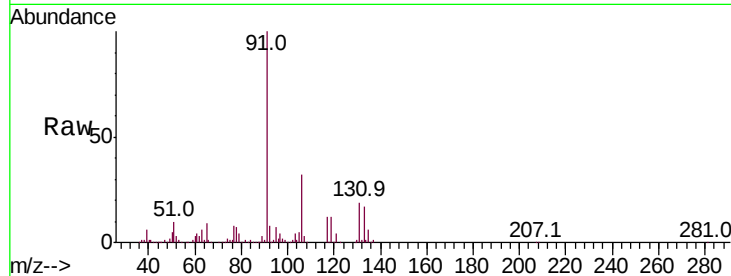
VY1103SBS01

Tot Ion: 91 Resp: 230304

Ion Ratio Lower Upper

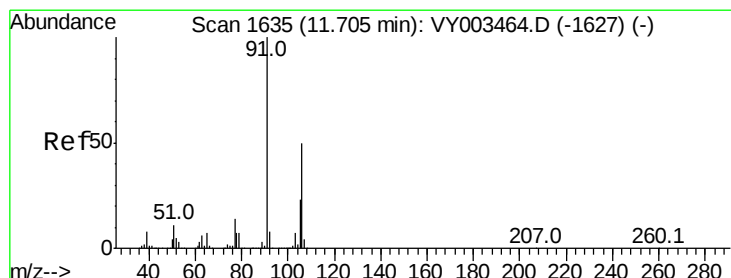
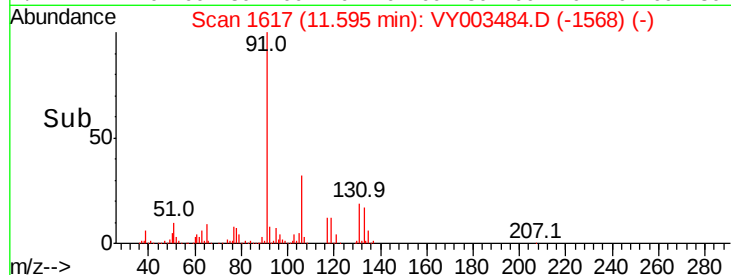
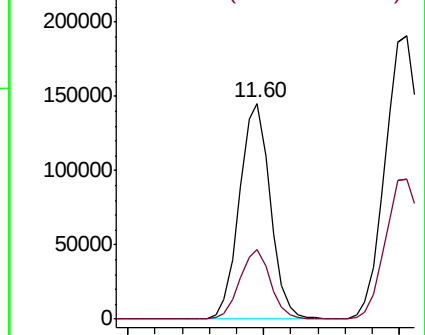
91 100

106 32.1 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.694 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY003484.D

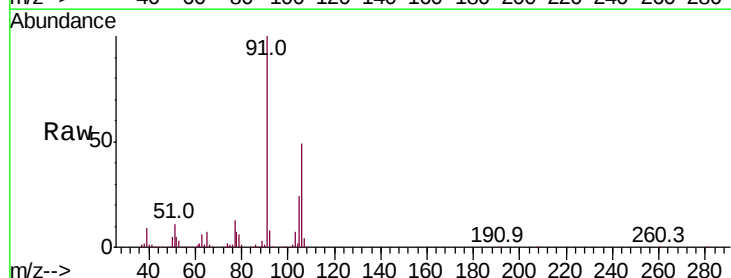
Acq: 03 Nov 2020 12:10

Tgt Ion: 106 Resp: 175634

Ion Ratio Lower Upper

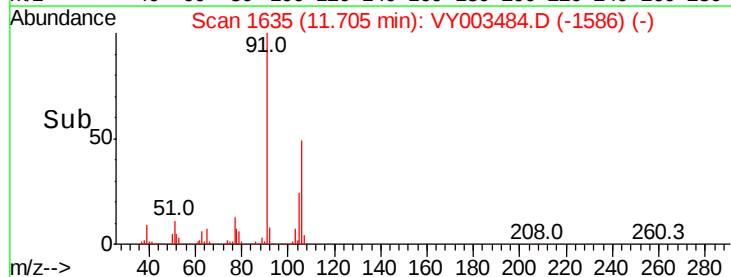
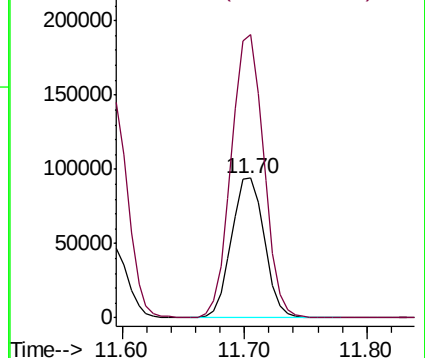
106 100

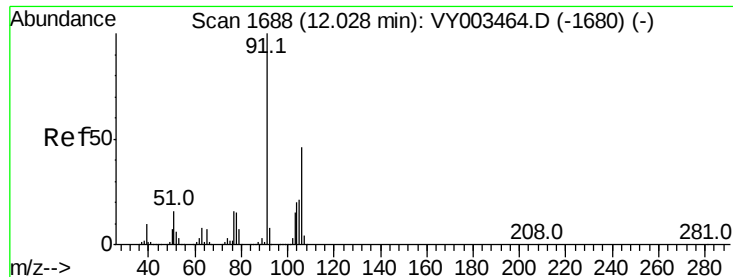
91 200.3 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

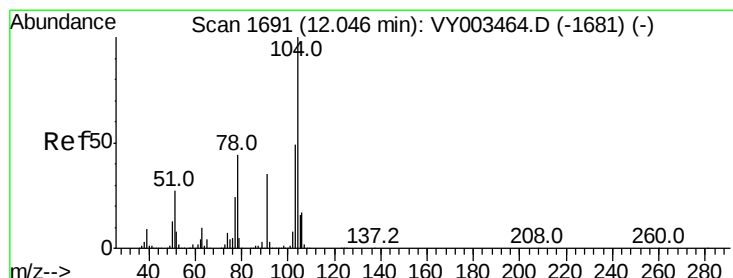
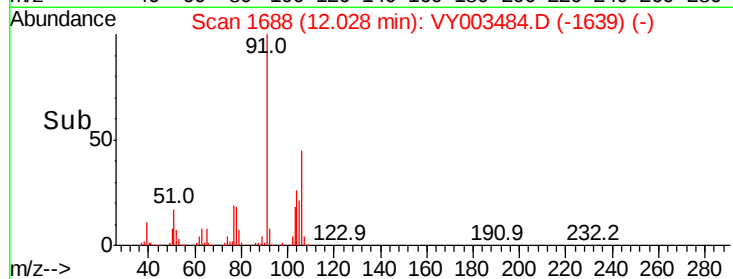
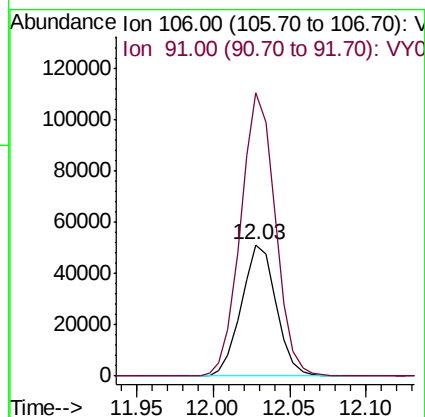
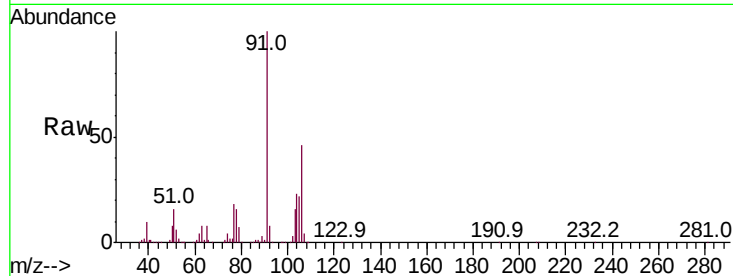




#69
o-Xylene
Concen: 21.307 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

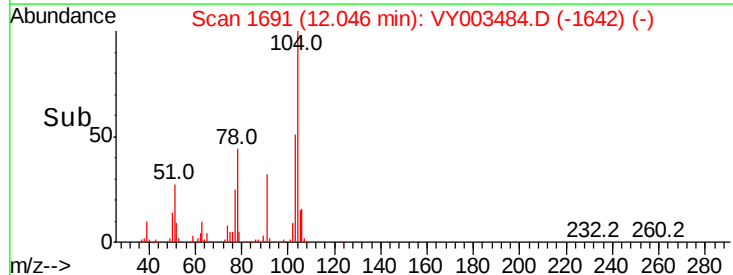
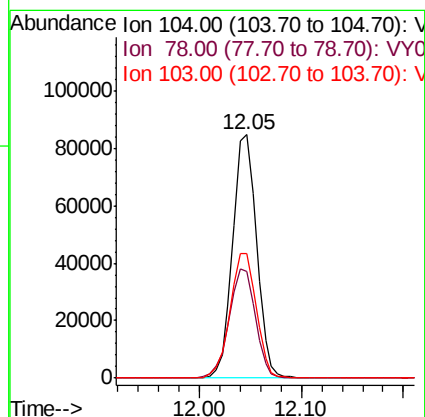
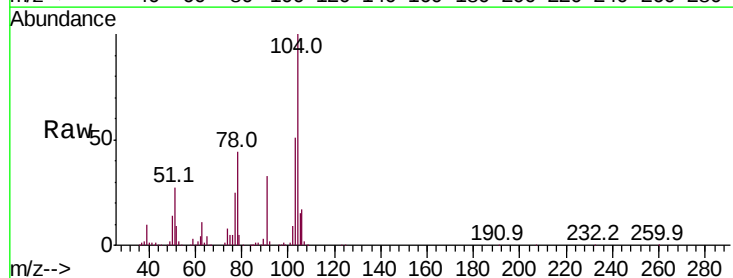
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

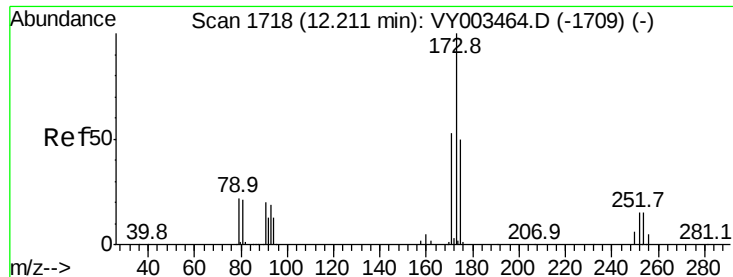
Tot Ion:106 Resp: 80629
Ion Ratio Lower Upper
106 100
91 215.1 105.5 316.5



#70
Styrene
Concen: 21.401 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion:104 Resp: 137504
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 56.2 44.2 66.2





#71

Bromoform

Concen: 21.549 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

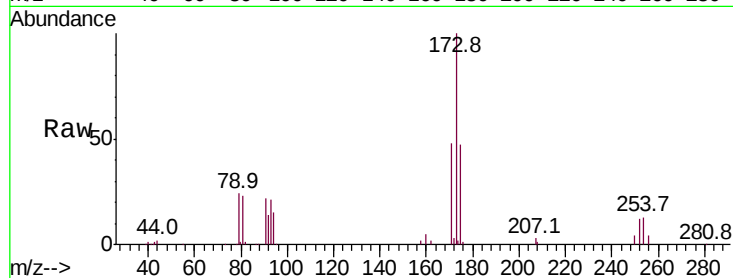
Tot Ion:173 Resp: 32429

Ion Ratio Lower Upper

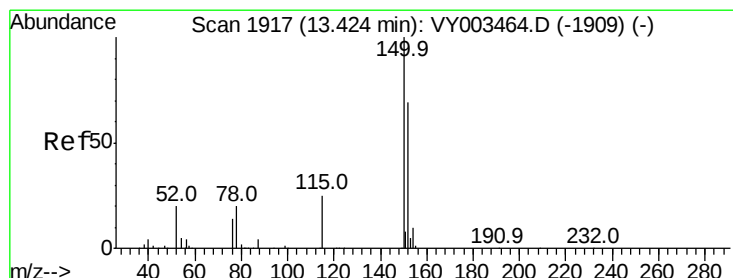
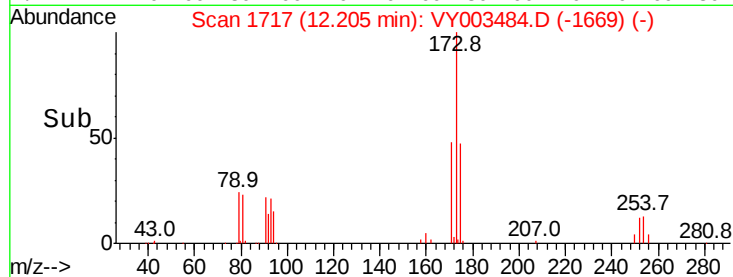
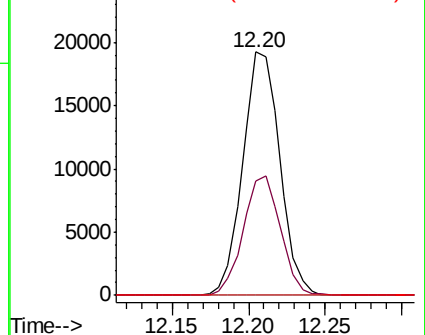
173 100

175 49.3 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: VY003484.D

Acq: 03 Nov 2020 12:10

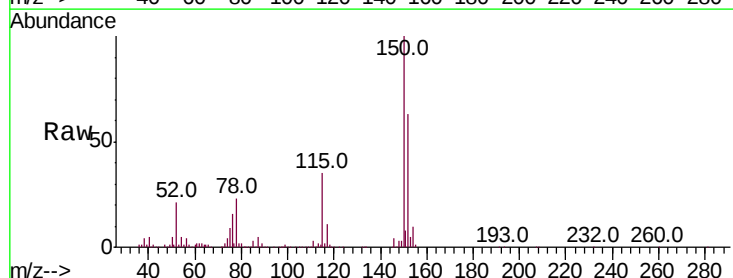
Tgt Ion:152 Resp: 160083

Ion Ratio Lower Upper

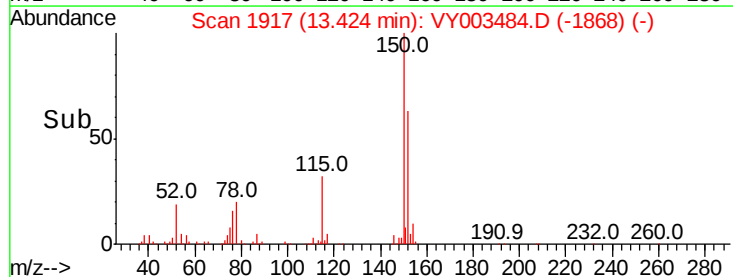
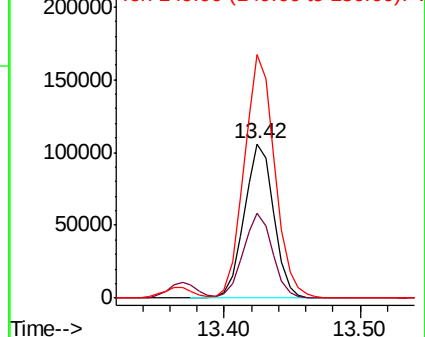
152 100

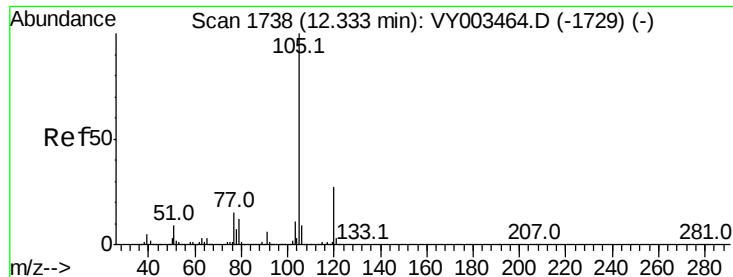
115 54.3 27.5 82.4

150 164.0 0.0 345.8



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





#73

Isopropylbenzene

Concen: 21.344 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

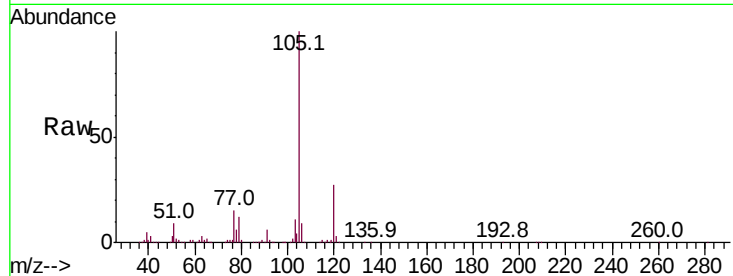
VY1103SBS01

Tot Ion:105 Resp: 223195

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

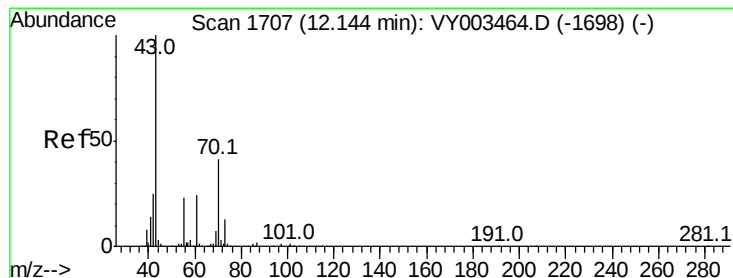
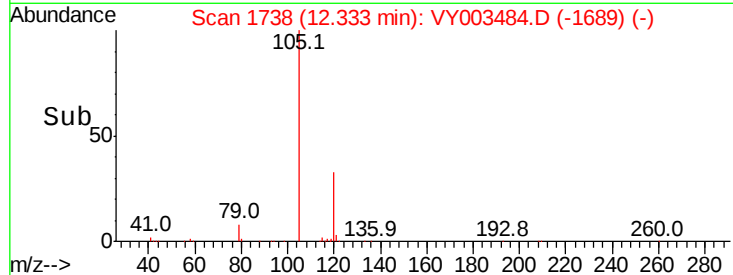
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.881 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion: 43 Resp: 64813

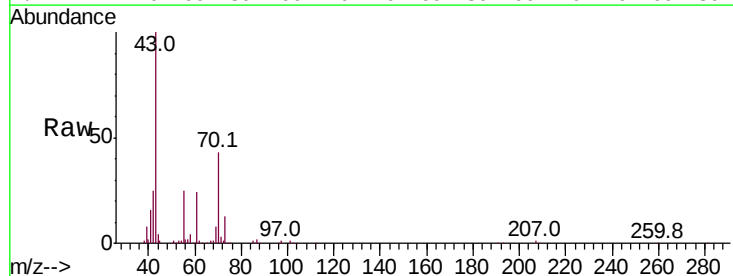
Ion Ratio Lower Upper

43 100

70 42.0 33.1 49.7

55 24.3 19.2 28.8

61 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

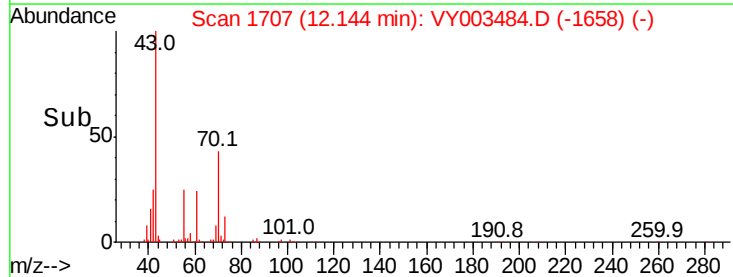
60000

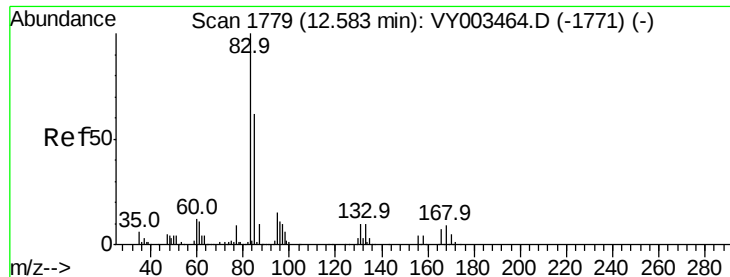
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.665 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

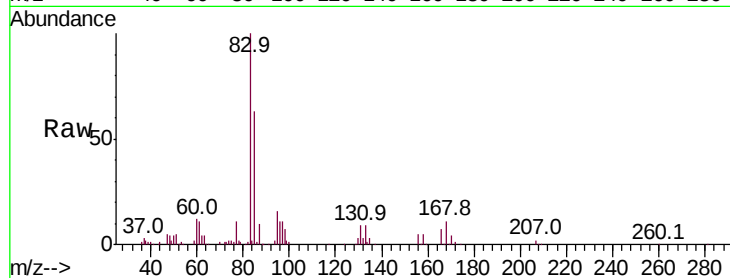
Tot Ion: 83 Resp: 48392

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

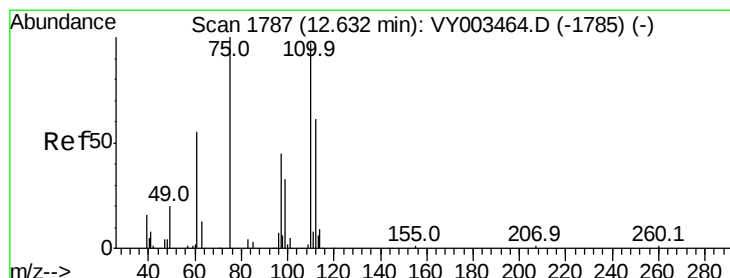
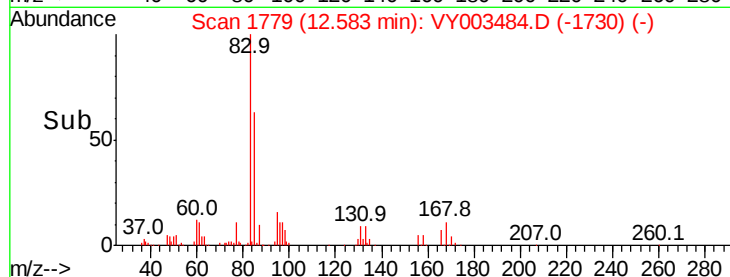
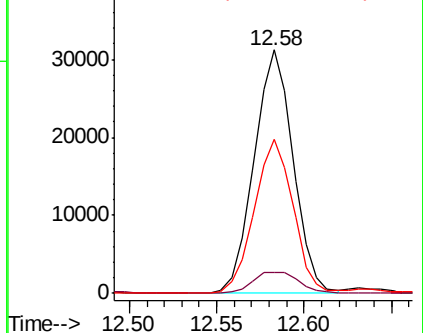
85 62.9 32.0 96.2



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: 38.271 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003484.D

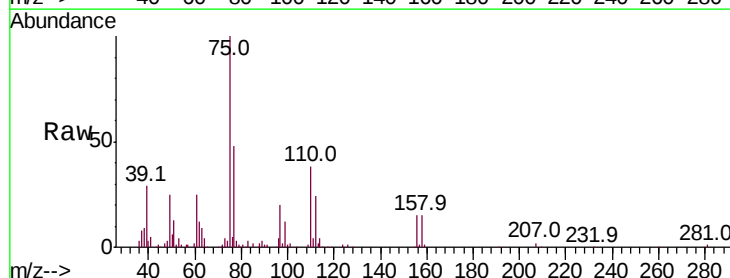
Acq: 03 Nov 2020 12:10

Tgt Ion: 75 Resp: 64823

Ion Ratio Lower Upper

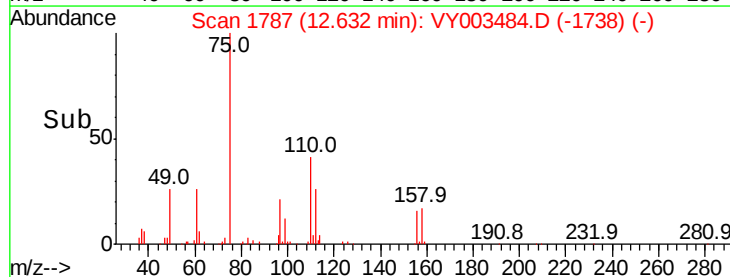
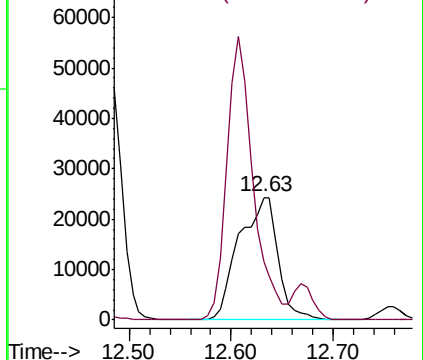
75 100

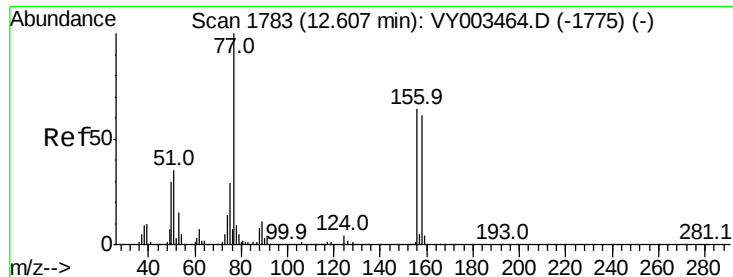
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.118 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

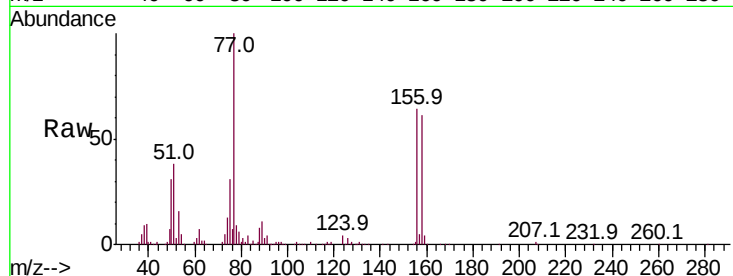
Tot Ion:156 Resp: 56108

Ion Ratio Lower Upper

156 100

77 180.5 87.0 260.9

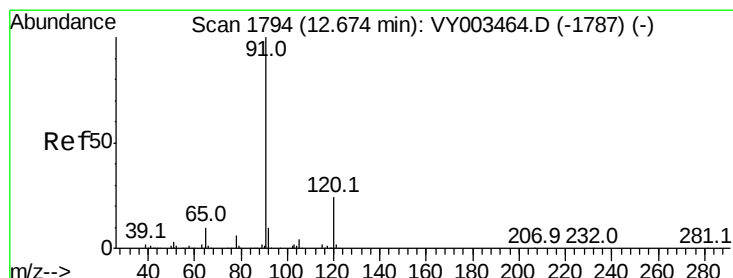
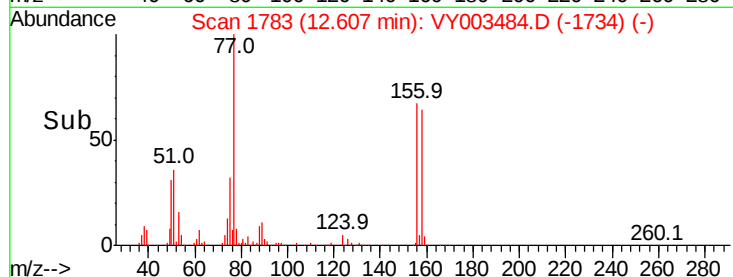
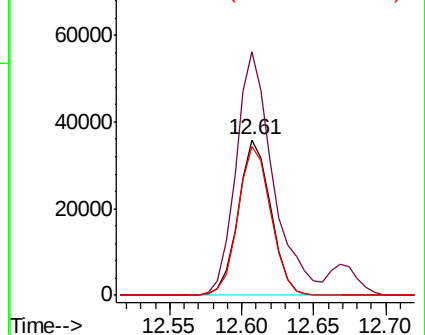
158 97.0 48.7 146.1



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: 21.644 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003484.D

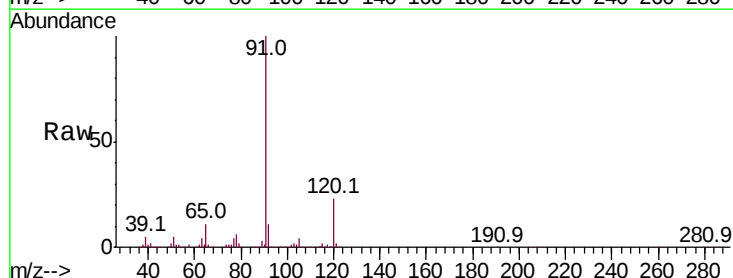
Acq: 03 Nov 2020 12:10

Tgt Ion: 91 Resp: 266594

Ion Ratio Lower Upper

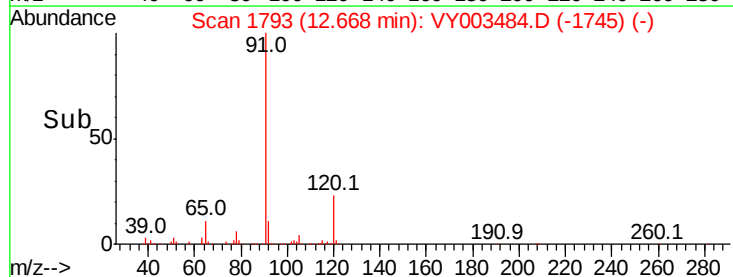
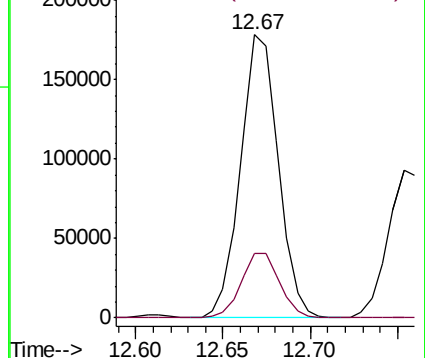
91 100

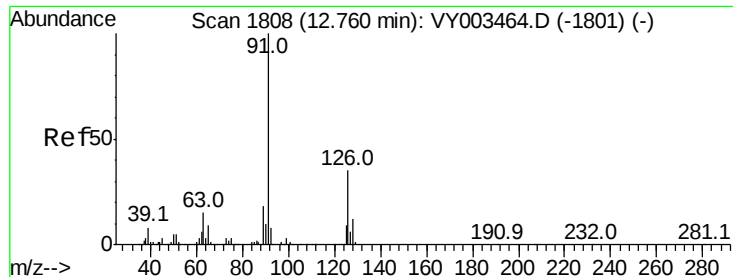
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.645 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

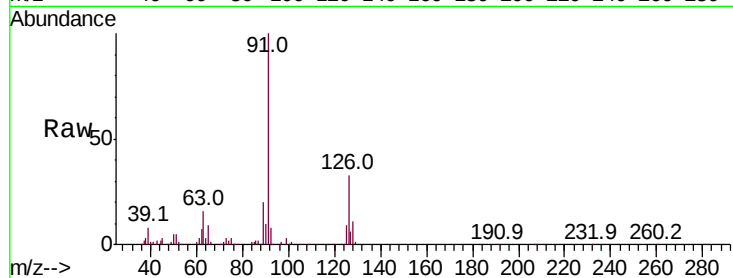
VY1103SBS01

Tot Ion: 91 Resp: 148953

Ion Ratio Lower Upper

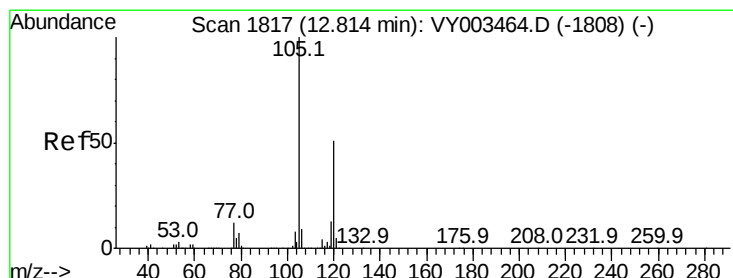
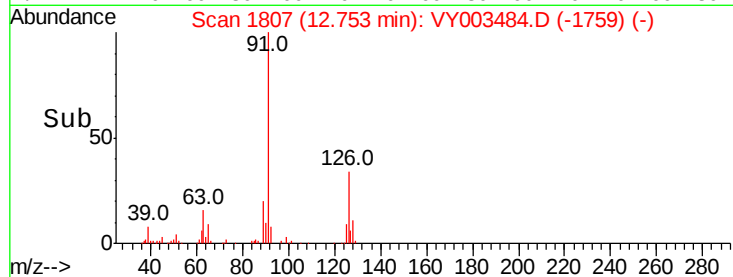
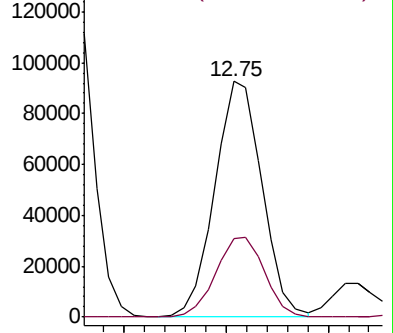
91 100

126 35.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.930 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003484.D

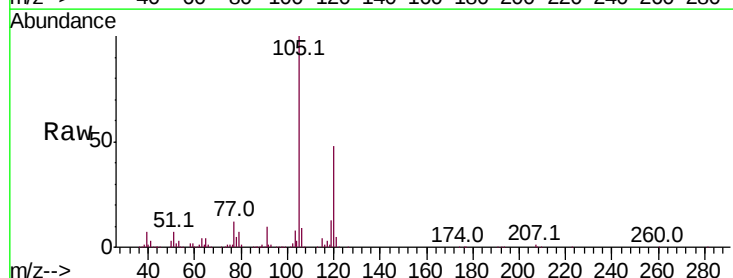
Acq: 03 Nov 2020 12:10

Tgt Ion: 105 Resp: 190010

Ion Ratio Lower Upper

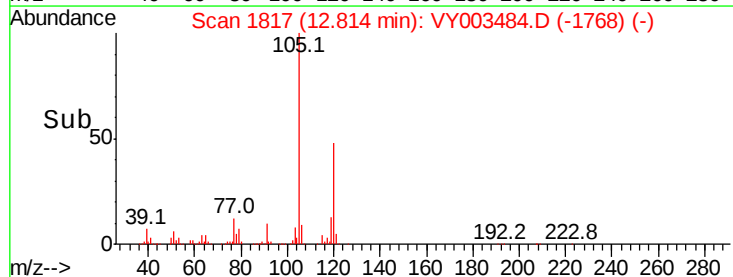
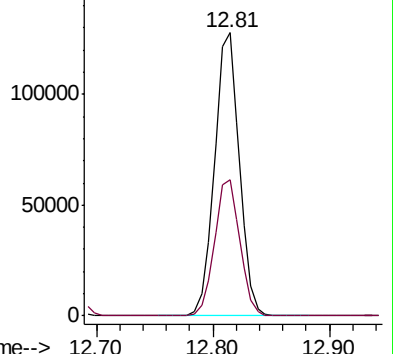
105 100

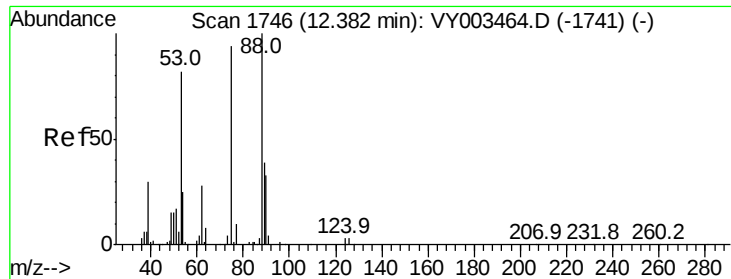
120 49.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

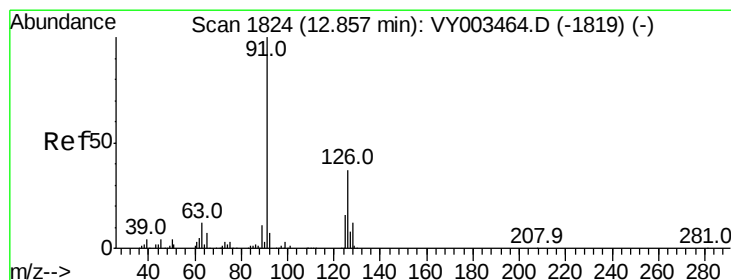
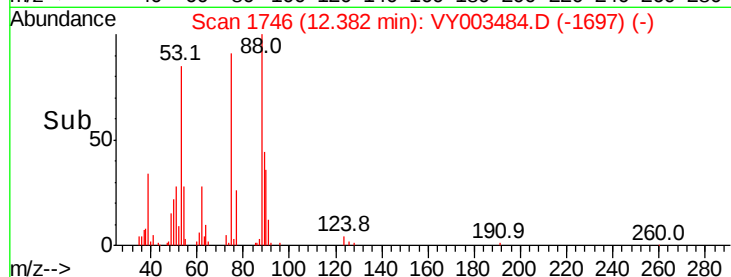
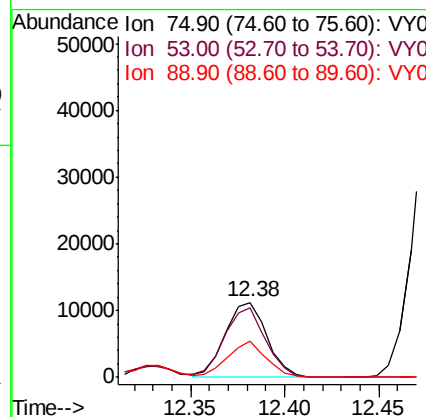
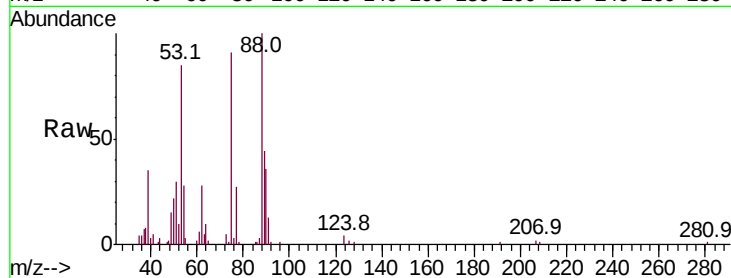




#81
trans-1,4-Dichloro-2-butene
Concen: 21.419 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

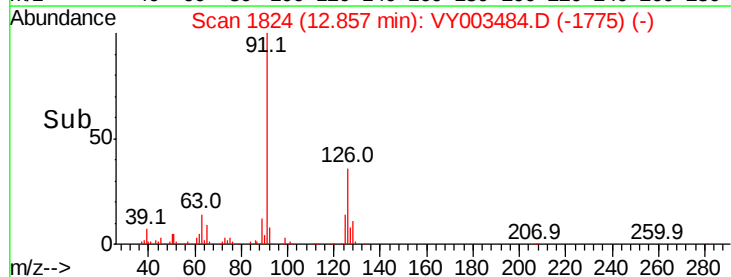
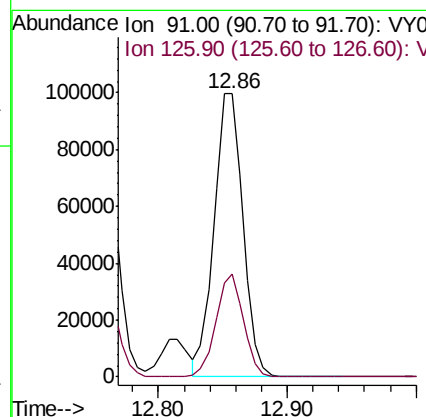
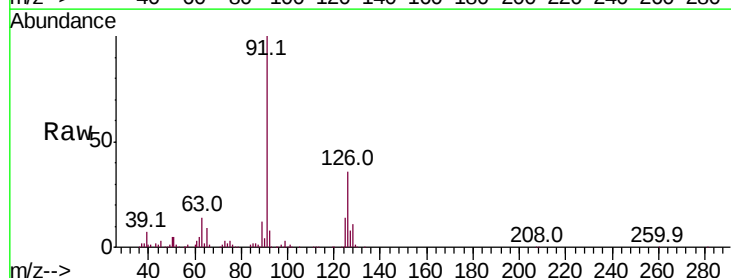
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

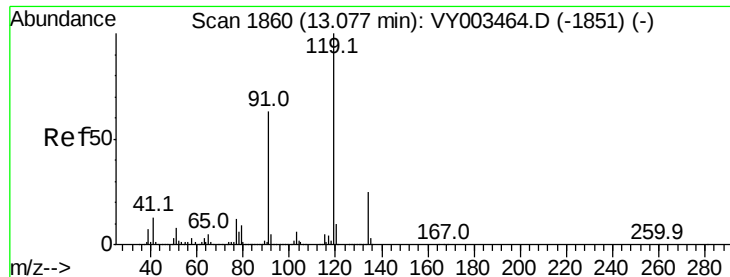
Tot Ion: 75 Resp: 17382
Ion Ratio Lower Upper
75 100
53 90.8 74.7 112.1
89 45.2 35.8 53.8



#82
4-Chlorotoluene
Concen: 21.823 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 91 Resp: 156942
Ion Ratio Lower Upper
91 100
126 34.7 17.6 52.8





#83

tert-Butylbenzene

Concen: 21.420 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

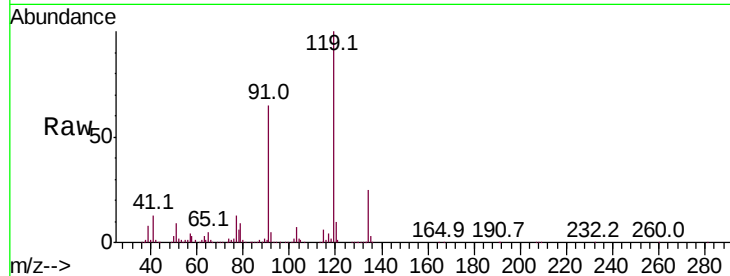
Tot Ion:119 Resp: 164599

Ion Ratio Lower Upper

119 100

91 63.0 31.1 93.2

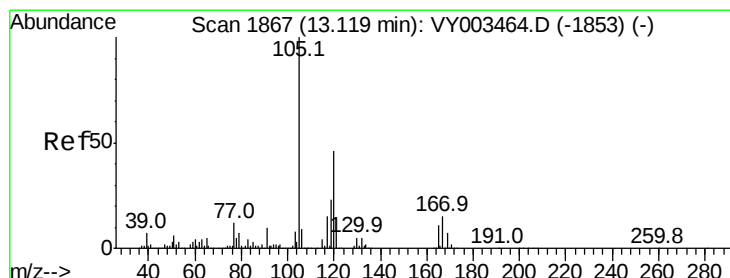
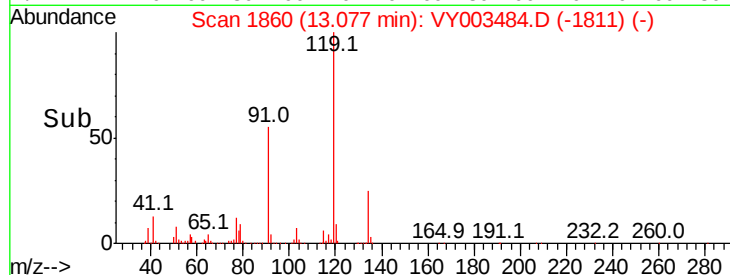
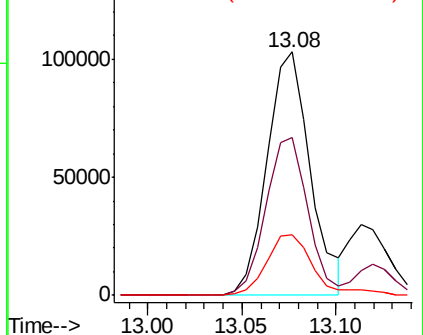
134 27.1 13.4 40.1



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: 21.727 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003484.D

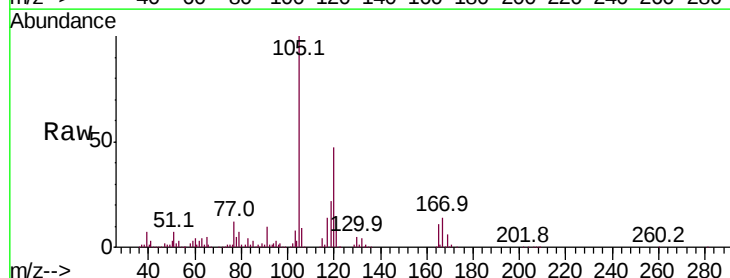
Acq: 03 Nov 2020 12:10

Tgt Ion:105 Resp: 188139

Ion Ratio Lower Upper

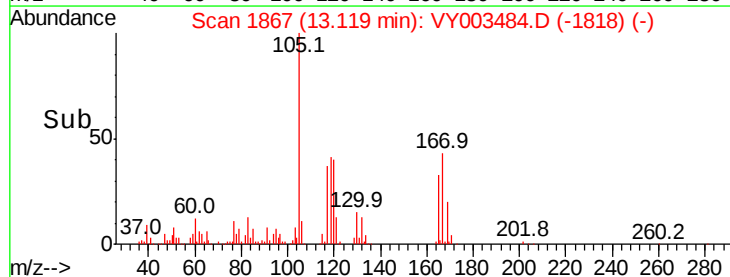
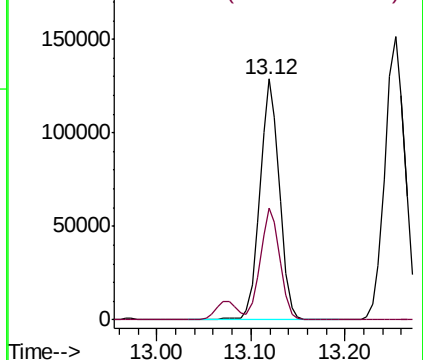
105 100

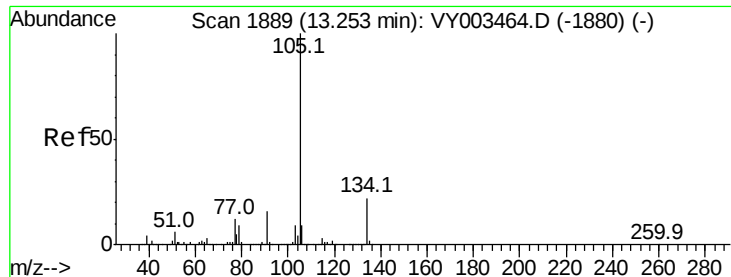
120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.575 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

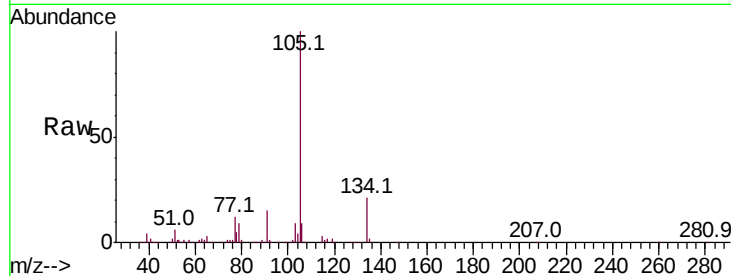
VY1103SBS01

Tot Ion:105 Resp: 224486

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

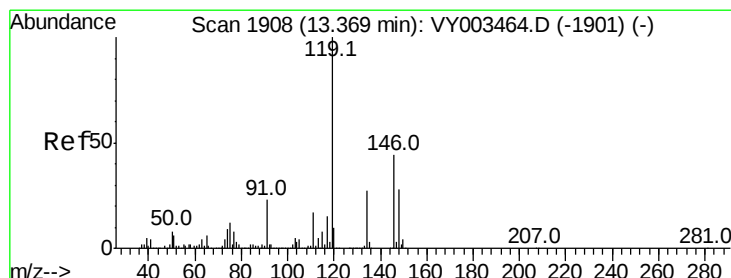
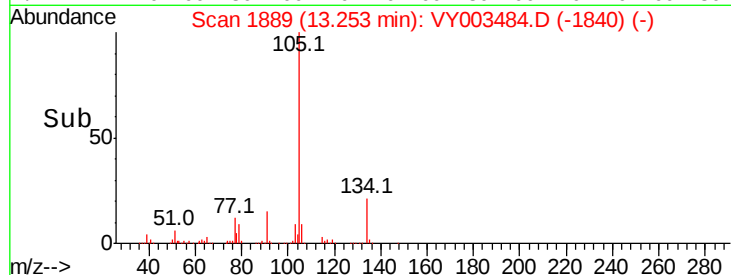
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.374 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

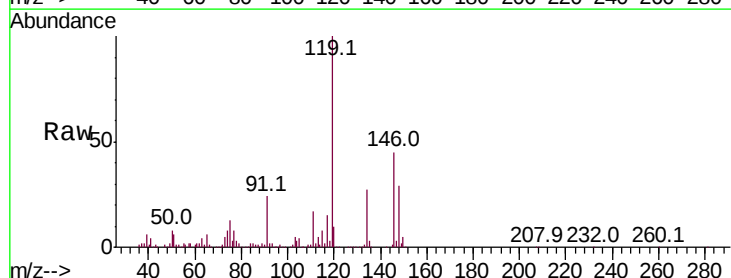
Tgt Ion:119 Resp: 206249

Ion Ratio Lower Upper

119 100

134 26.9 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

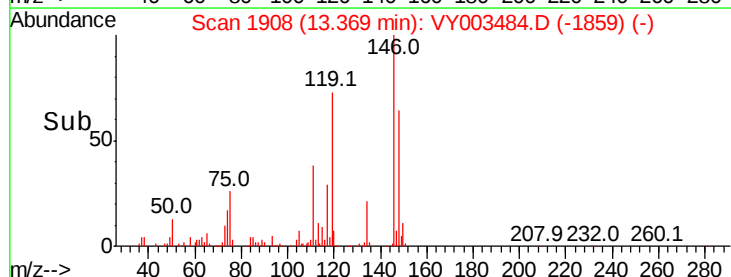
100000

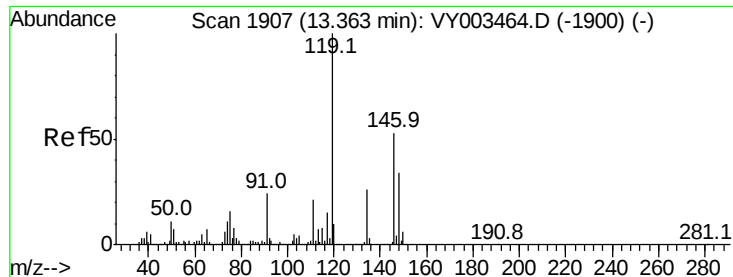
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.527 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

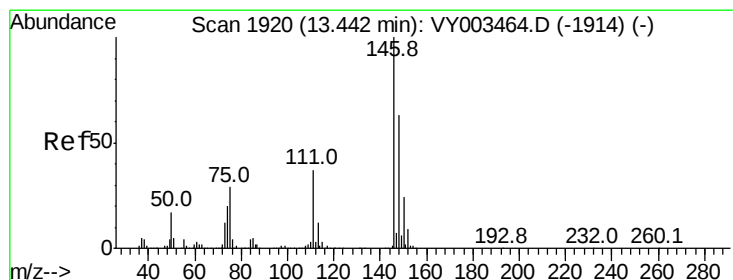
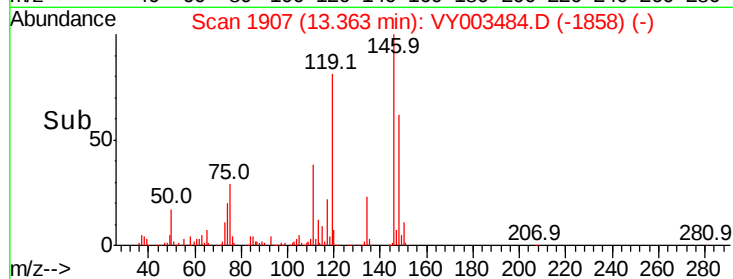
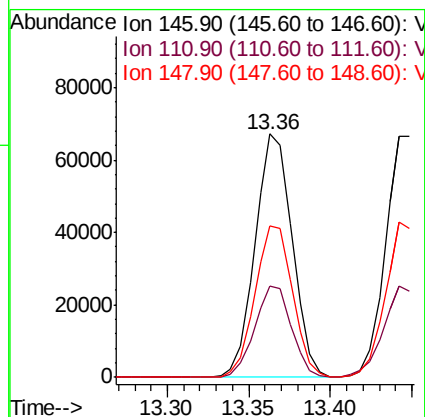
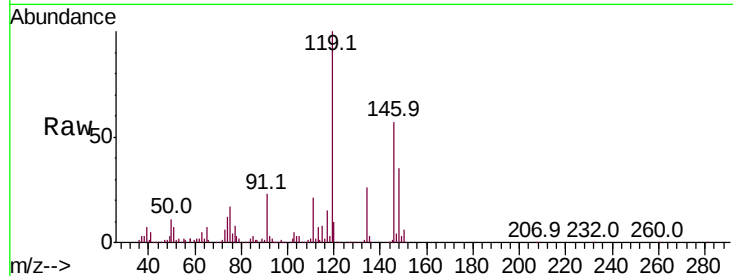
Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tot Ion:146 Resp: 106544

Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	63.1	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 21.483 ug/l

RT: 13.45 min Scan# 1921

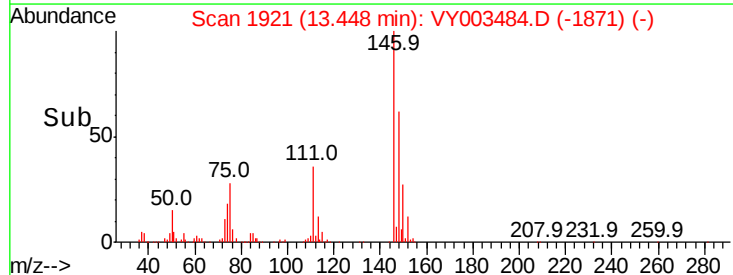
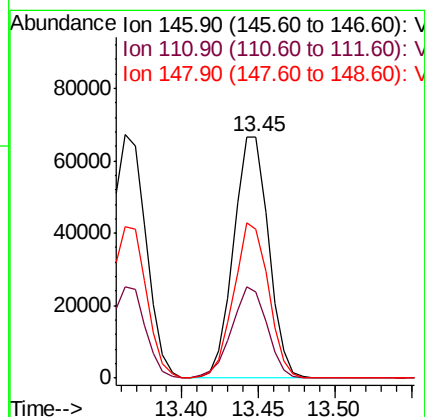
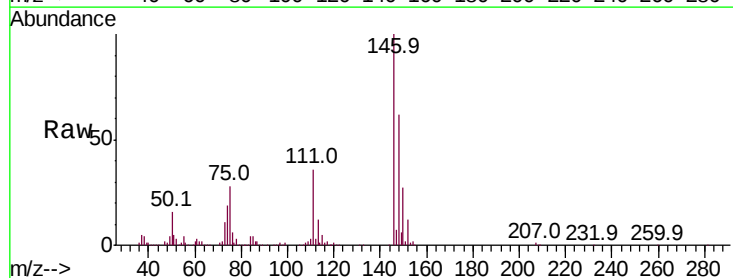
Delta R.T. 0.01 min

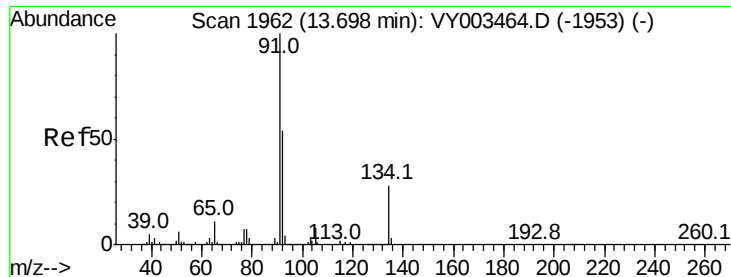
Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:146 Resp: 105729

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.3	54.8
148	63.9	32.0	96.0

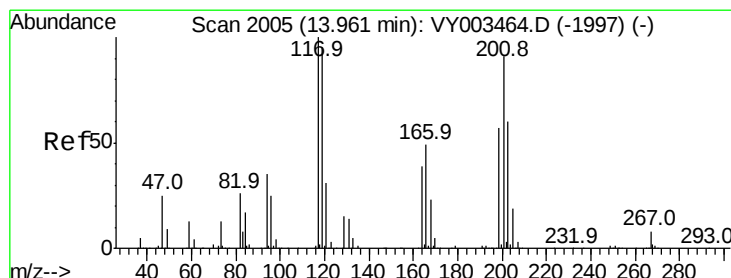
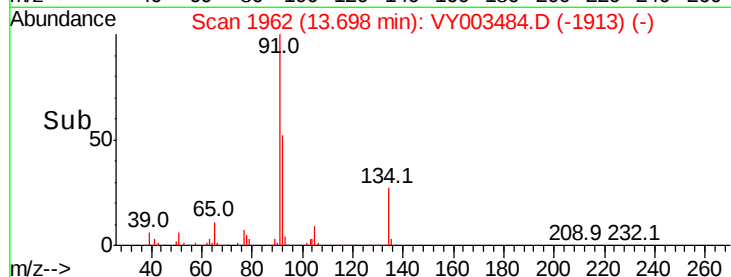
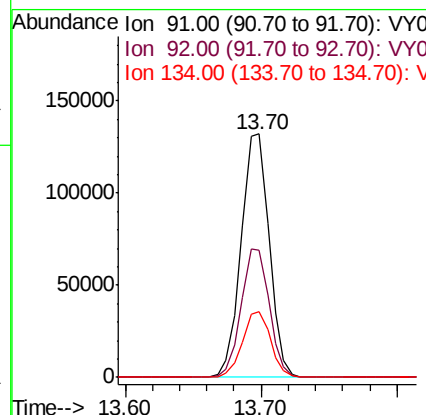
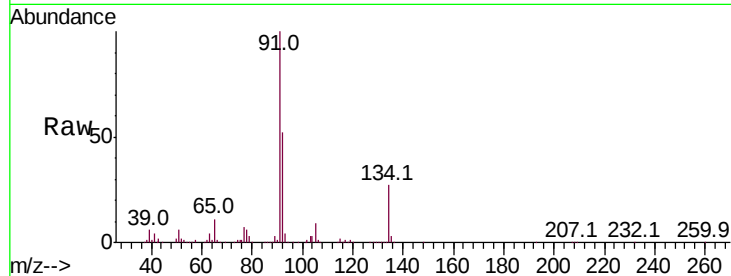




#89
n-Butylbenzene
Concen: 21.630 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

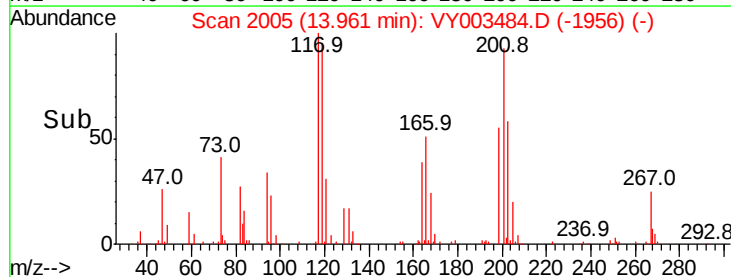
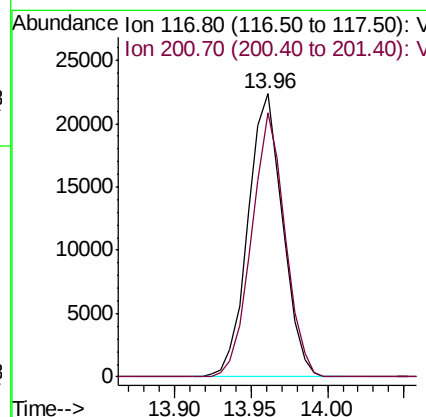
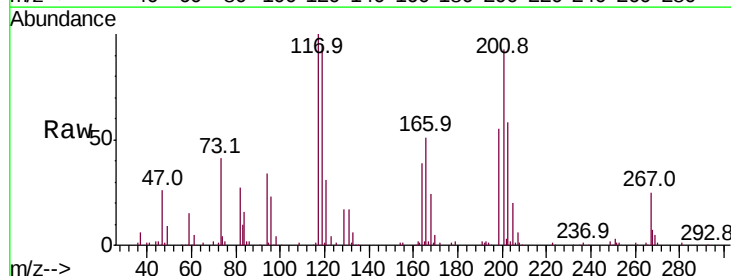
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

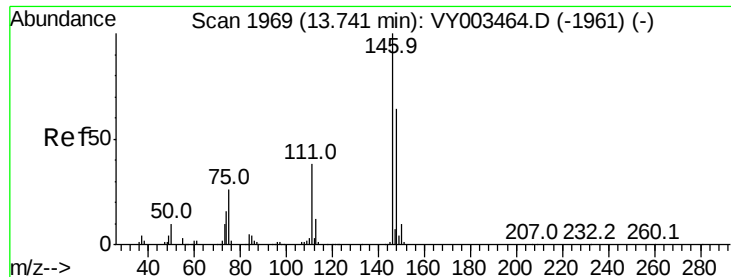
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.7	80.1
134	26.9	13.8	41.3



#90
Hexachloroethane
Concen: 21.722 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.2	46.6	139.8





#91

1,2-Dichlorobenzene

Concen: 21.694 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

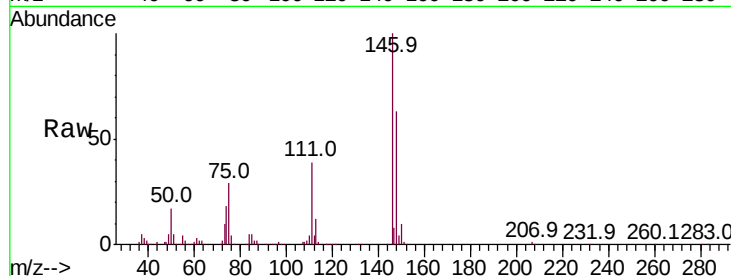
Tot Ion:146 Resp: 95385

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

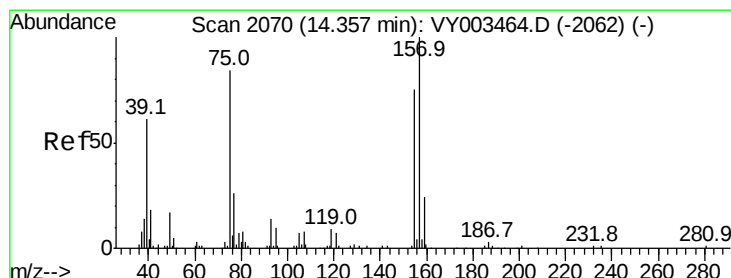
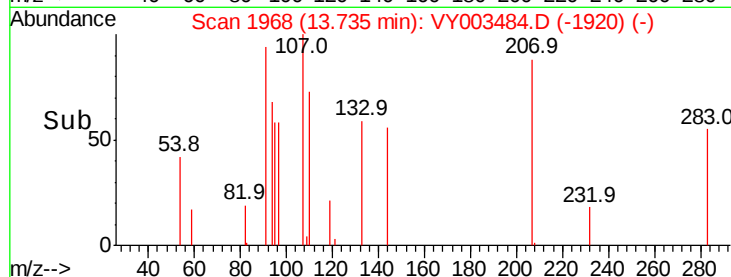
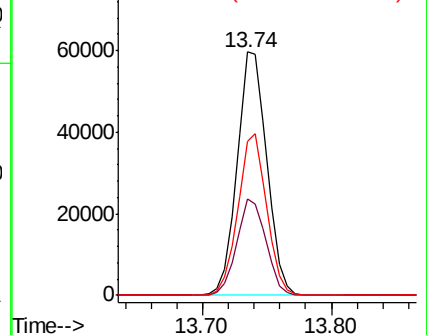
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.533 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

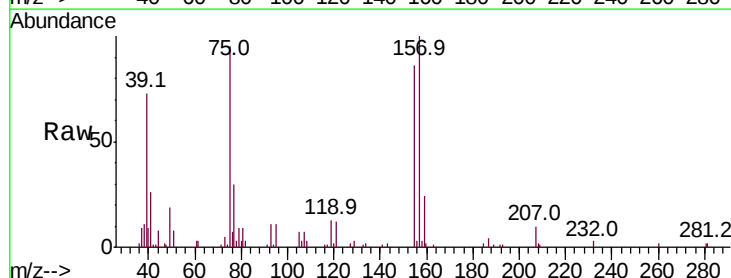
Tgt Ion: 75 Resp: 9111

Ion Ratio Lower Upper

75 100

155 91.2 45.6 136.7

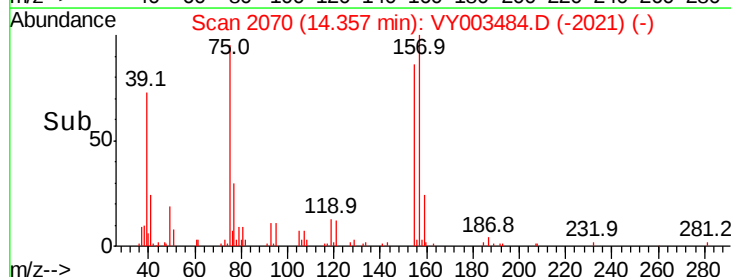
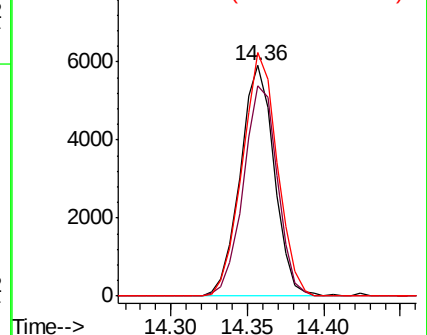
157 108.9 60.3 180.8

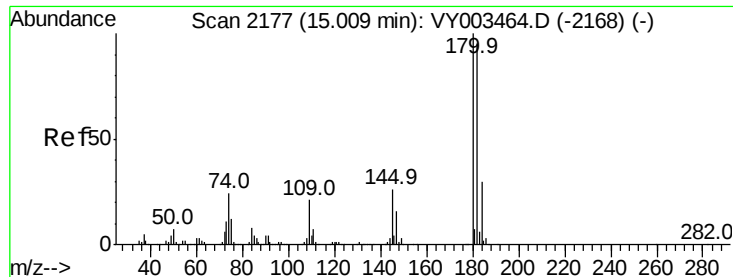


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

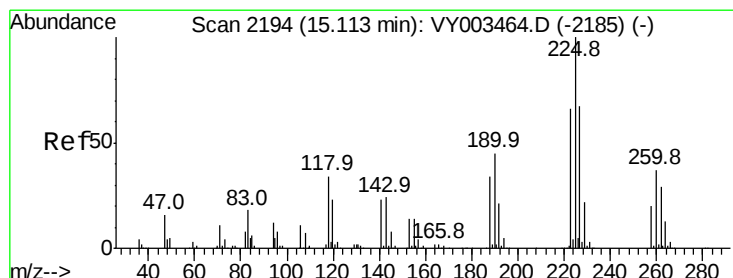
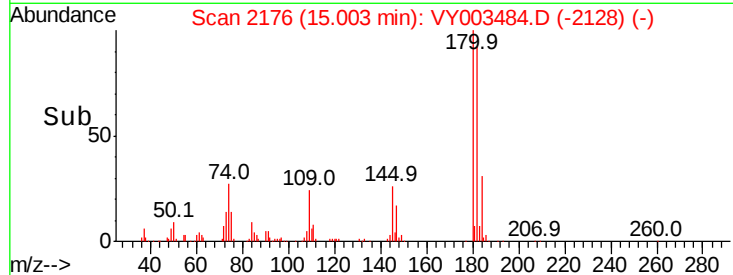
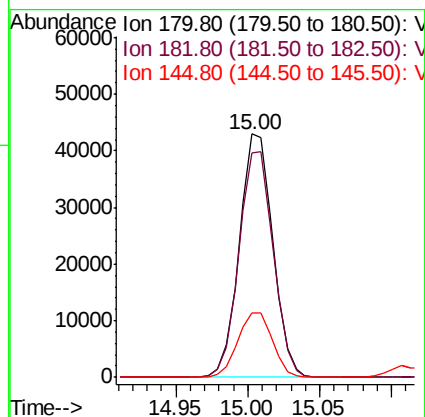
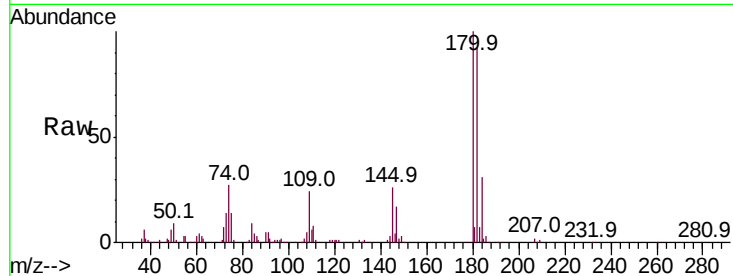




#93
 1,2,4-Trichlorobenzene
 Concen: 22.300 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

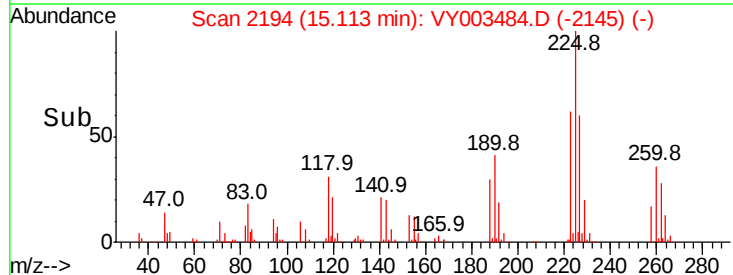
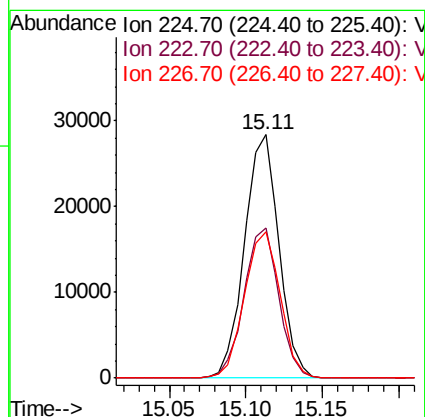
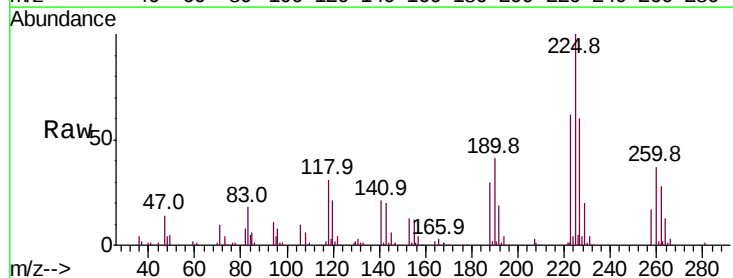
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

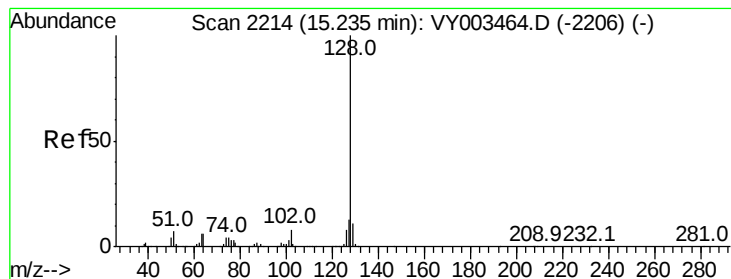
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	27.6	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 22.237 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.1	96.3
227	62.2	32.4	97.2





#95

Naphthalene

Concen: 21.775 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

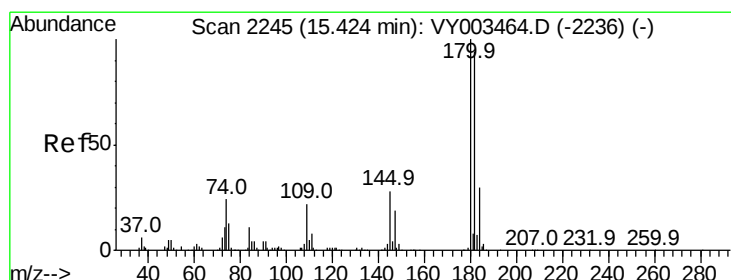
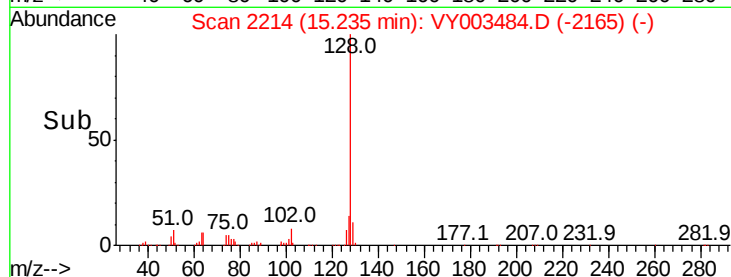
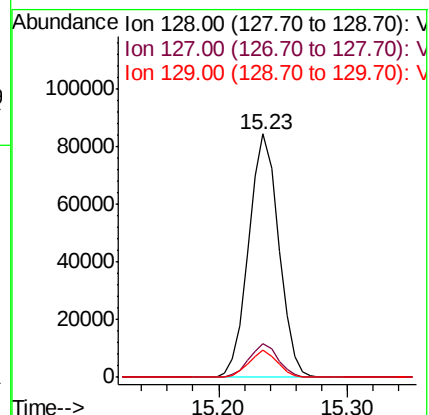
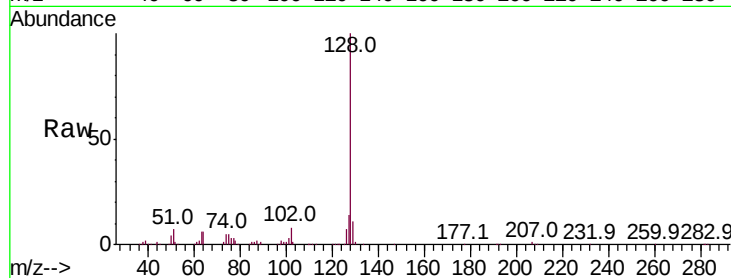
Tot Ion:128 Resp: 135611

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.782 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:180 Resp: 60936

Ion Ratio Lower Upper

180 100

182 97.6 46.9 140.7

145 29.0 14.4 43.2

